

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119253.D
 Acq On : 6 Mar 2020 16:45
 Operator : CG/JU
 Sample : L1792-01MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Manual Integrations
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mohammad
 3/9/2020 3:09:14 PM

Quant Time: Mar 07 01:16:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	112183	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	438356	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	247259	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	472296	20.00	ng	0.00
76) Chrysene-d12	13.89	240	373708	20.00	ng	0.00
87) Perylene-d12	15.31	264	382757	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	675394	100.61	ng	0.00
7) Phenol-d6	6.38	99	810754	99.31	ng	0.00
23) Nitrobenzene-d5	7.29	82	542273	65.32	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	296867	91.78	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1090409	64.97	ng	0.00
79) Terphenyl-d14	12.82	244	1445263	66.58	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.43	88	116151	38.863	ng	98
3) Pyridine	3.16	79	287377	35.207	ng	98
4) n-Nitrosodimethylamine	3.10	42	114052	46.126	ng	94
6) Aniline	6.39	93	249504	24.768	ng	# 80
8) 2-Chlorophenol	6.52	128	356451	49.204	ng	99
9) Benzaldehyde	6.27	77	260540	47.766	ng	98
10) Phenol	6.39	94	415452	47.067	ng	96
11) bis(2-Chloroethyl)ether	6.46	93	317563	47.020	ng	97
12) 1,3-Dichlorobenzene	6.66	146	381354	43.920	ng	98
13) 1,4-Dichlorobenzene	6.74	146	388957	44.765	ng	99
14) 1,2-Dichlorobenzene	6.89	146	359205	45.330	ng	100
15) Benzyl Alcohol	6.88	79	294071	49.839	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.00	45	249421	42.633	ng	# 13
17) 2-Methylphenol	7.00	107	277238	47.202	ng	94
18) Hexachloroethane	7.23	117	137278	44.161	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	234087	49.207	ng	96
20) 3+4-Methylphenols	7.15	107	370955	51.552	ng	87
22) Acetophenone	7.14	105	473562	46.691	ng	# 94
24) Nitrobenzene	7.31	77	363698	44.299	ng	98
25) Isophorone	7.55	82	645359	44.759	ng	99
26) 2-Nitrophenol	7.63	139	195371	44.912	ng	99
27) 2,4-Dimethylphenol	7.67	122	284727	48.228	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	385795	41.108	ng	99
29) 2,4-Dichlorophenol	7.88	162	305570	43.966	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	335326	40.693	ng	99
31) Naphthalene	8.03	128	1000230	43.997	ng	99
32) Benzoic acid	7.84	122	166932	40.038	ng	97
33) 4-Chloroaniline	8.09	127	135419	13.849	ng	98
34) Hexachlorobutadiene	8.15	225	205191	39.975	ng	98
35) Caprolactam	8.46	113	95513m	44.631	ng	
36) 4-Chloro-3-methylphenol	8.59	107	324520	46.136	ng	100
37) 2-Methylnaphthalene	8.72	142	684184	44.720	ng	98
38) 1-Methylnaphthalene	8.82	142	641307	44.572	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	341813	41.002	ng	100

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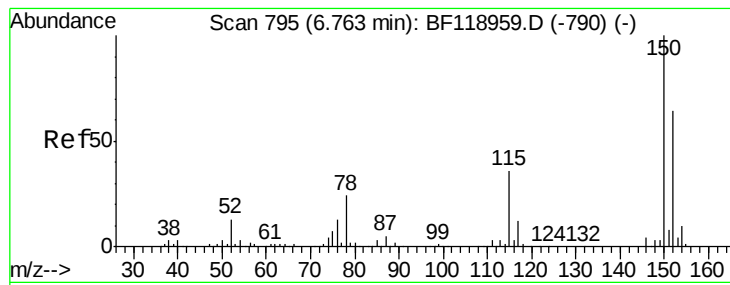
Manual Integrations
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Quant Time: Mar 07 01:16:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	130859	47.454	nq	97
43) 2,4,6-Trichlorophenol	9.01	196	215229	40.883	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	228239	41.315	nq	98
46) 1,1'-Biphenyl	9.18	154	827343	41.401	nq	98
47) 2-Chloronaphthalene	9.21	162	664573	41.268	nq	98
48) 2-Nitroaniline	9.32	65	191897	42.723	nq	94
49) Acenaphthylene	9.62	152	1019790	43.846	nq	99
50) Dimethylphthalate	9.49	163	875114	46.284	nq	99
51) 2,6-Dinitrotoluene	9.56	165	182542	43.455	nq	97
52) Acenaphthene	9.79	154	597485	42.603	nq	99
53) 3-Nitroaniline	9.73	138	87319	18.750	nq	98
54) 2,4-Dinitrophenol	9.85	184	140296	69.772	nq	98
55) Dibenzofuran	9.97	168	890129	42.523	nq	98
56) 4-Nitrophenol	9.92	139	171965	61.460	nq	89
57) 2,4-Dinitrotoluene	9.97	165	234688	43.103	nq	98
58) Fluorene	10.31	166	731511	44.971	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	190676	40.905	nq	100
60) Diethylphthalate	10.19	149	776037	43.554	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	372858	43.305	nq	98
62) 4-Nitroaniline	10.35	138	161013	33.794	nq	95
63) Azobenzene	10.46	77	697032	45.006	nq	95
65) 4,6-Dinitro-2-methylphenol	10.38	198	125194	43.806	nq	100
66) n-Nitrosodiphenylamine	10.42	169	656177	42.431	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	249077	40.346	nq	96
68) Hexachlorobenzene	10.86	284	283695	39.857	nq	99
69) Atrazine	10.95	200	214790	39.752	nq	98
70) Pentachlorophenol	11.06	266	217582	75.887	nq	98
71) Phenanthrene	11.27	178	1111230	43.143	nq	98
72) Anthracene	11.32	178	1151622	44.749	nq	98
73) Carbazole	11.48	167	1016471	44.335	nq	99
74) Di-n-butylphthalate	11.80	149	1207998	43.508	nq	99
75) Fluoranthene	12.46	202	1227110	44.883	nq	99
77) Benzidine	12.58	184	354059	23.296	nq	97
78) Pyrene	12.69	202	1238885	41.285	nq	99
80) Butylbenzylphthalate	13.30	149	536629	42.490	nq	97
81) Benzo(a)anthracene	13.87	228	1126364	44.235	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	271542	27.463	nq	99
83) Chrysene	13.92	228	1099102	43.320	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	734142	46.011	nq	99
85) Di-n-octyl phthalate	14.46	149	1213423	47.731	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	1144211	46.575	nq	100
88) Benzo(b)fluoranthene	14.90	252	1164578	46.160	nq	99
89) Benzo(k)fluoranthene	14.93	252	990238	42.353	nq	100
90) Benzo(a)pyrene	15.26	252	963183	42.300	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	955048	47.669	nq	99
92) Benzo(g,h,i)perylene	17.14	276	964879	48.742	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

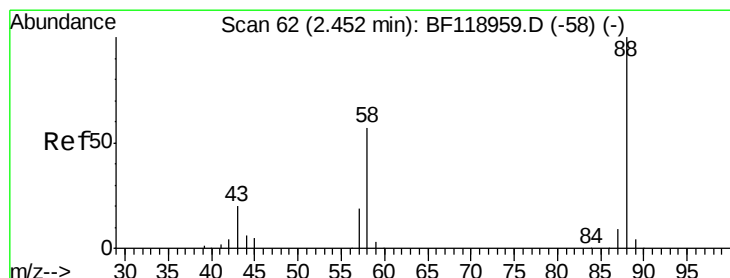
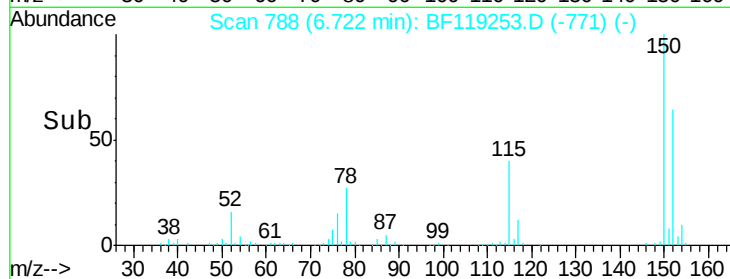
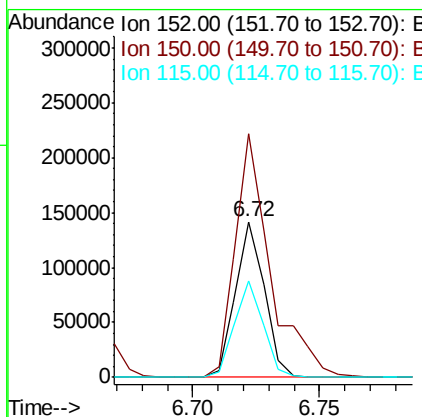
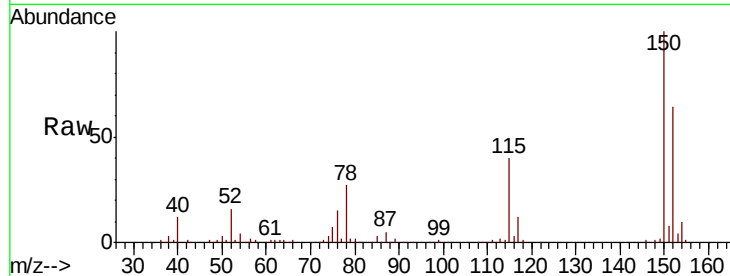
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.0	184.6
115	62.2	49.5	74.3

Manual Integrations
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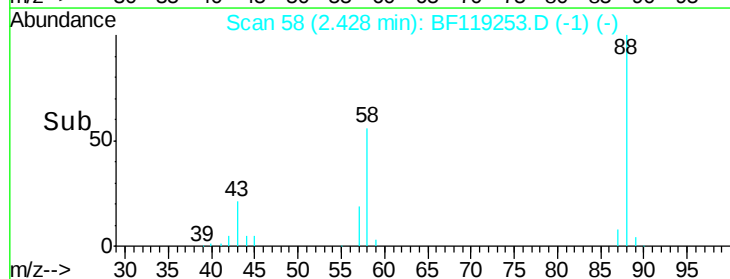
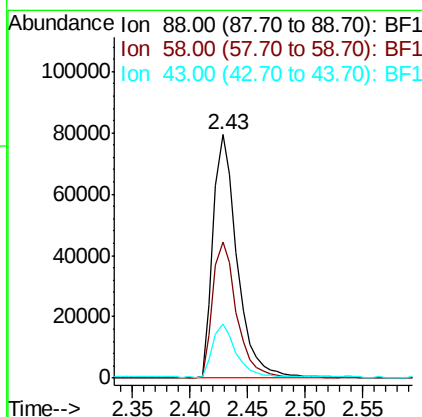
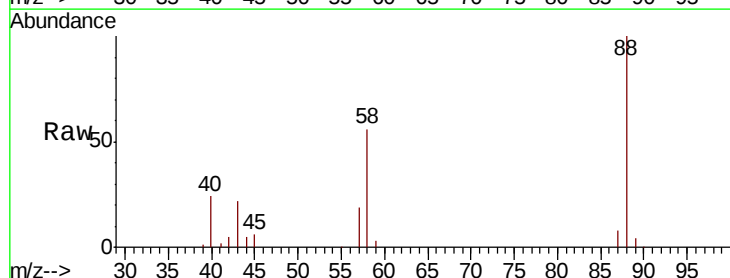
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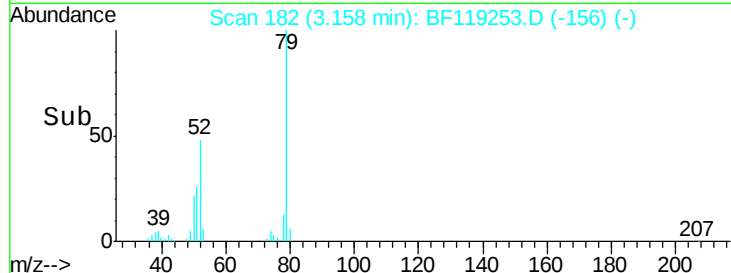
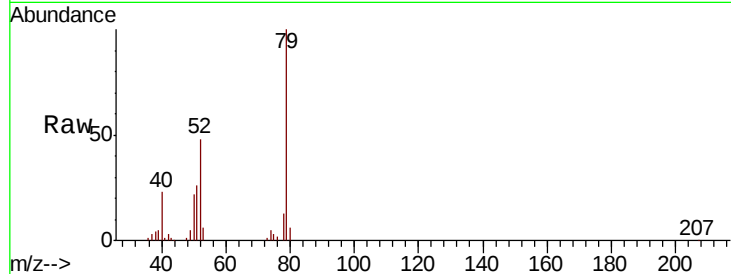
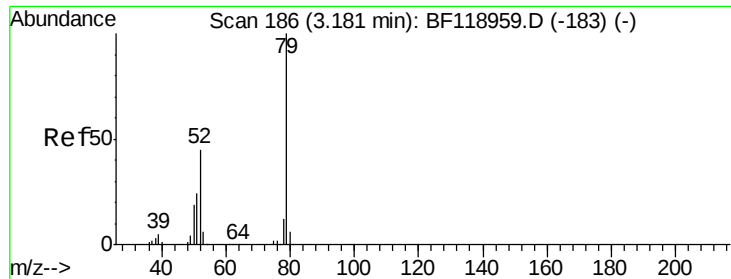


#2

1,4-Dioxane
Concen: 38.863 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.05 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.0	43.8	65.6
43	21.2	16.2	24.4





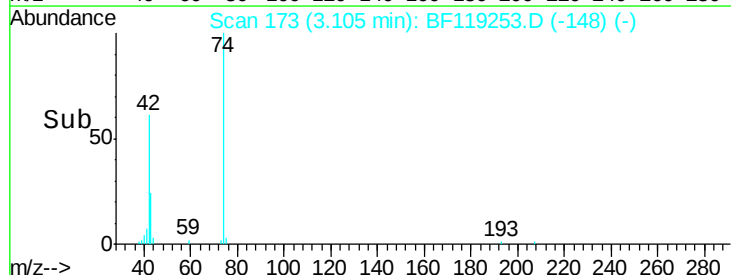
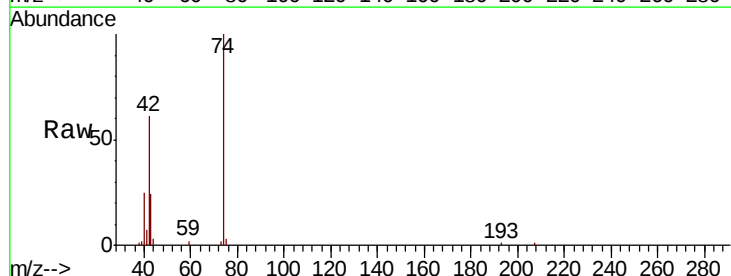
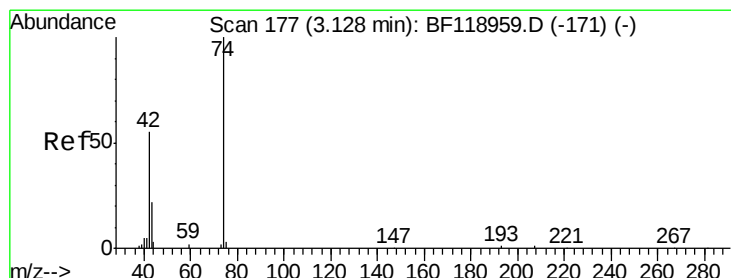
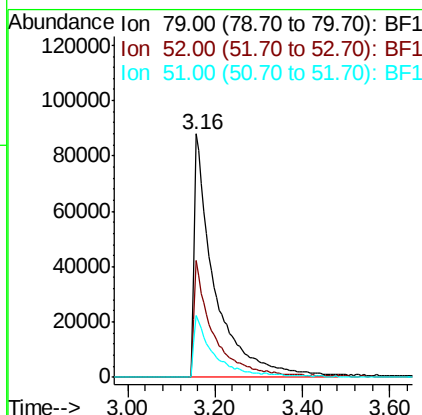
#3
Pvridine
Concen: 35.207 ng
RT: 3.16 min Scan# 182
Delta R.T. 0.05 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tot Ion	Ratio	Lower	Upper
79	100		
52	47.8	37.4	56.0
51	25.6	19.8	29.6

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

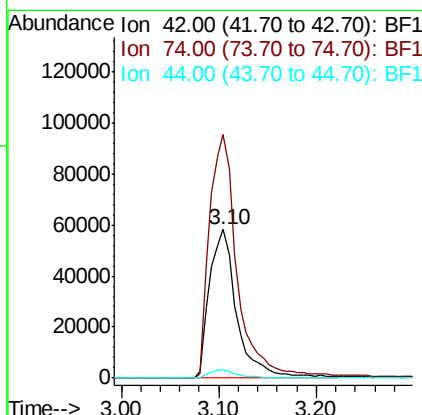
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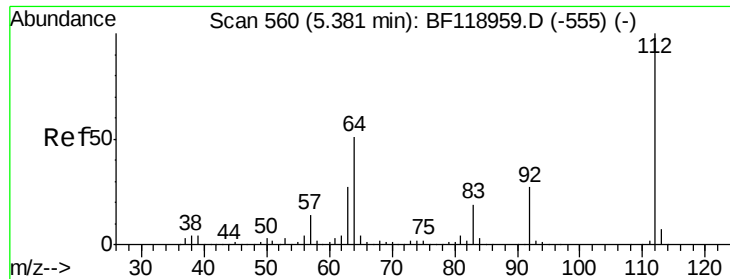
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#4
n-Nitrosodimethylamine
Concen: 46.126 ng
RT: 3.10 min Scan# 173
Delta R.T. 0.05 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	163.8	137.7	206.5
44	5.0	4.5	6.7





#5

2-Fluorophenol

Concen: 100.613 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

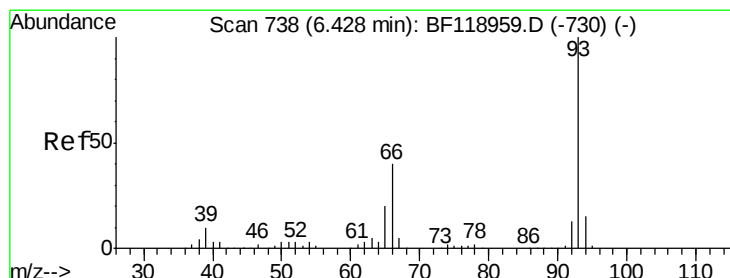
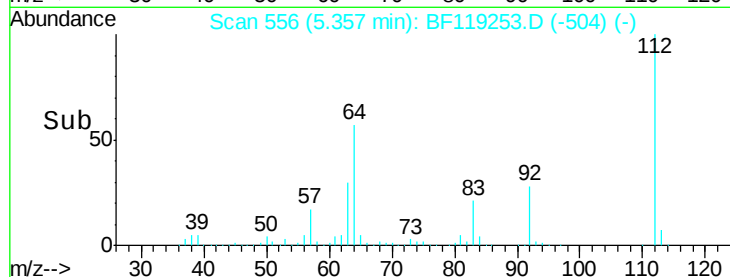
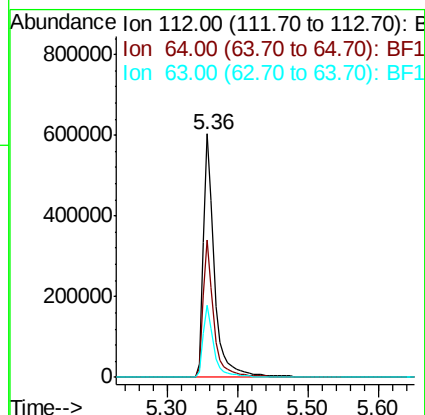
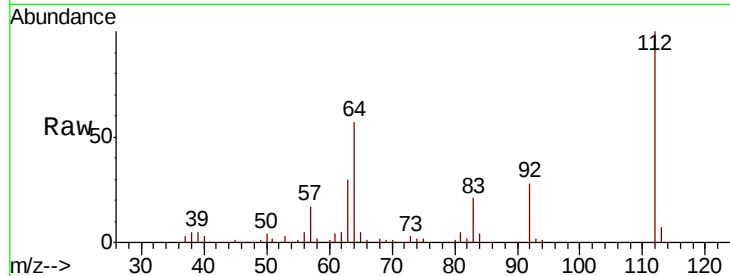
ClientSampleId :

TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	675394		
64	56.5	45.0	67.4	
63	29.6	24.2	36.4	

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#6

Aniline

Concen: 24.768 ng

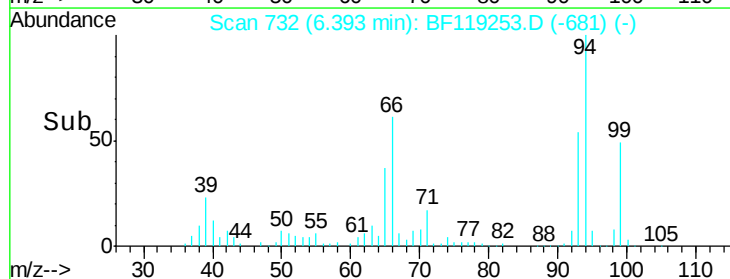
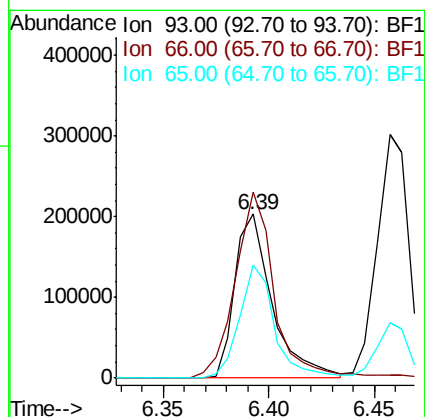
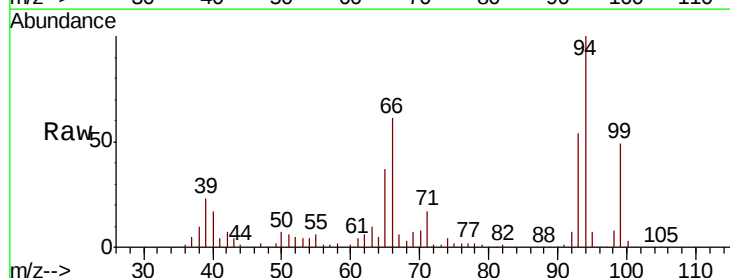
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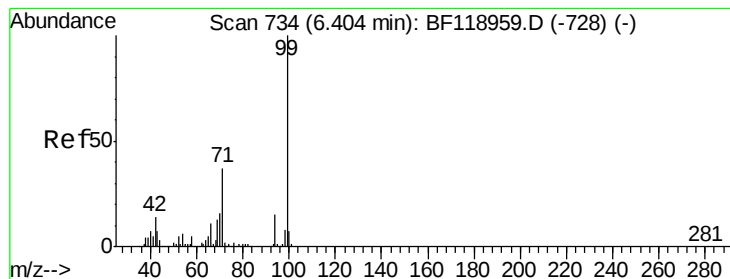
Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	249504		
66	113.7	74.5	111.7#	
65	69.0	45.3	67.9#	





#7

Phenol-d6

Concen: 99.308 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

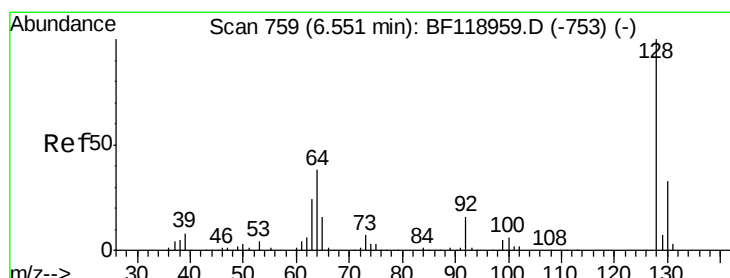
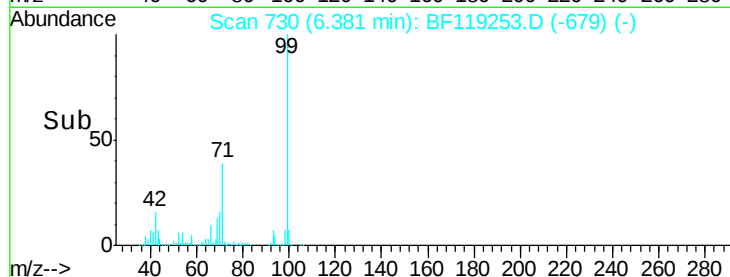
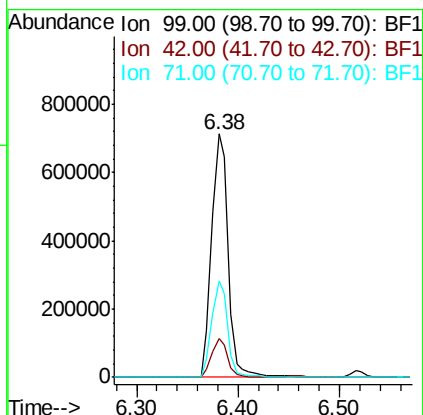
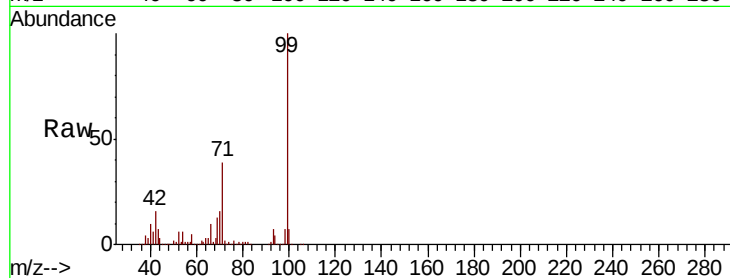
ClientSampleId :

TP-3MSD

Tot Ion:	99	Resp:	810754
Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.6	18.8
71	39.4	31.0	46.4

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#8

2-Chlorophenol

Concen: 49.204 ng

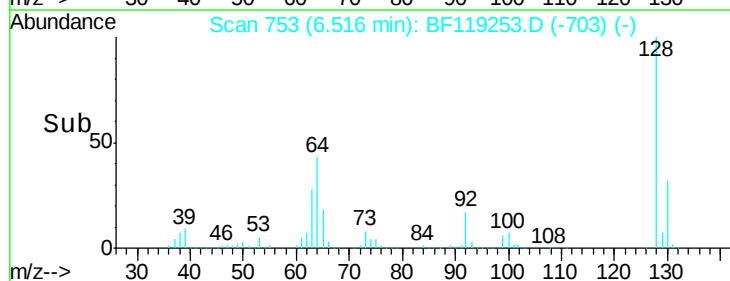
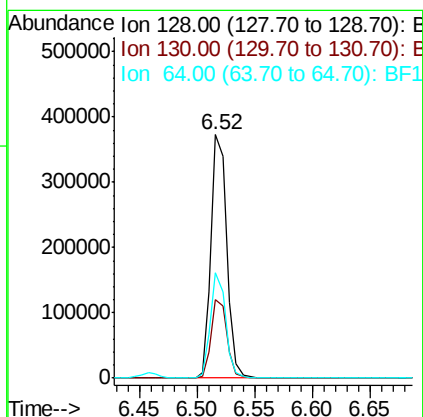
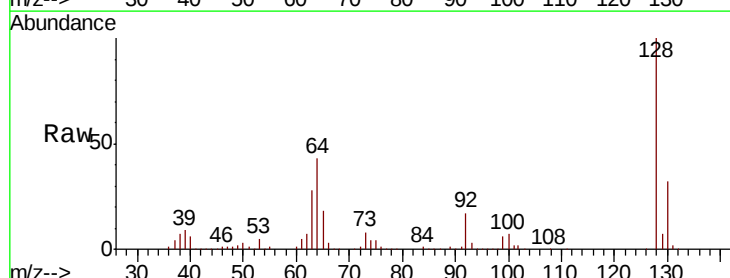
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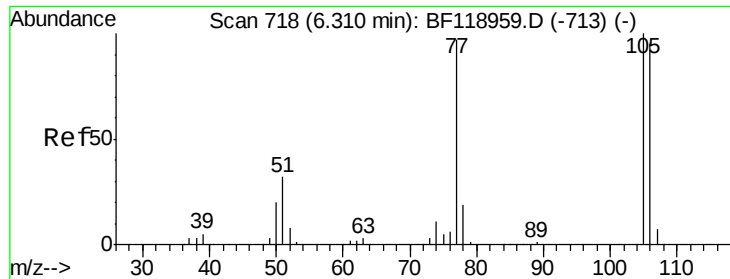
Delta R.T. -0.01 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Tgt Ion:	128	Resp:	356451
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.7	52.7
64	43.1	22.3	62.3





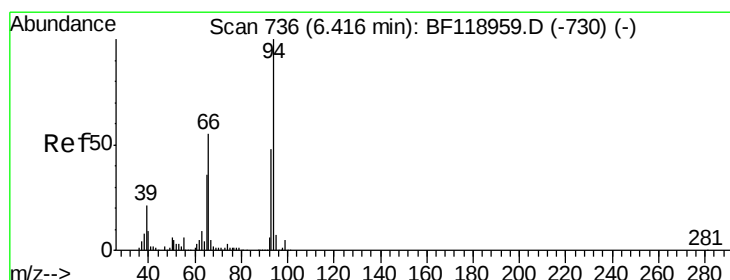
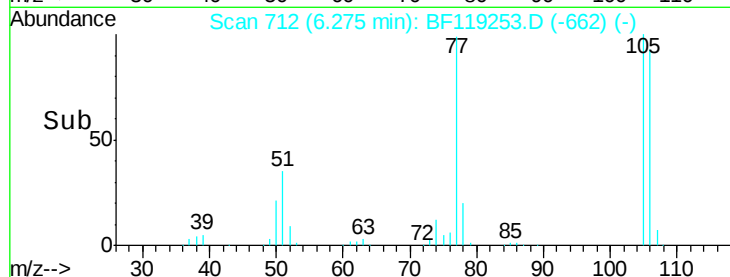
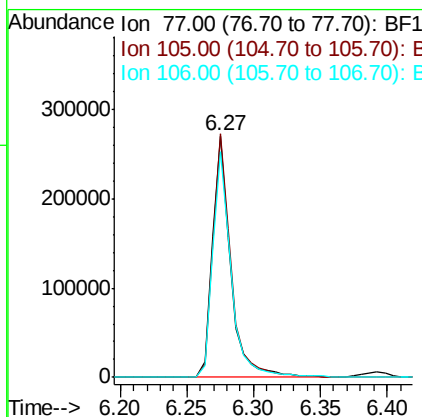
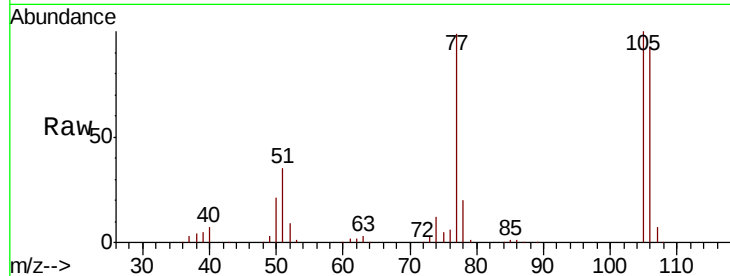
#9
Benzaldehyde
Concen: 47.766 ng
RT: 6.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.9	80.1	120.1
106	93.4	75.9	115.9

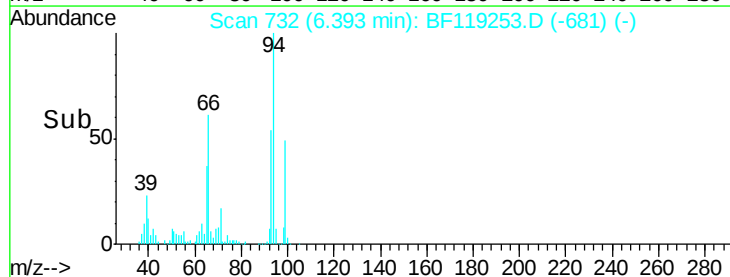
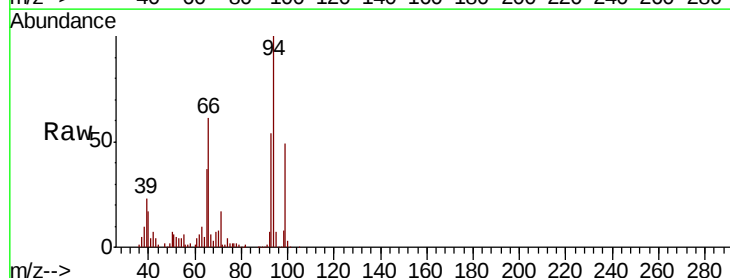
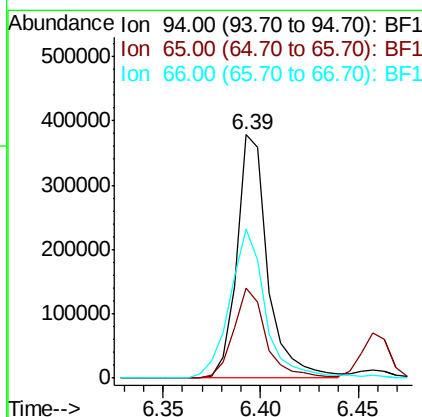
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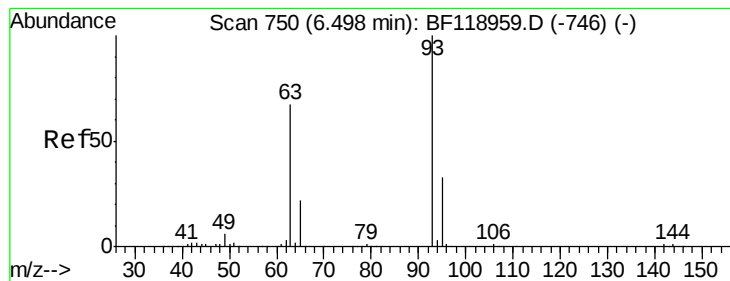
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#10
Phenol
Concen: 47.067 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.0	19.2	59.2
66	60.9	44.4	84.4





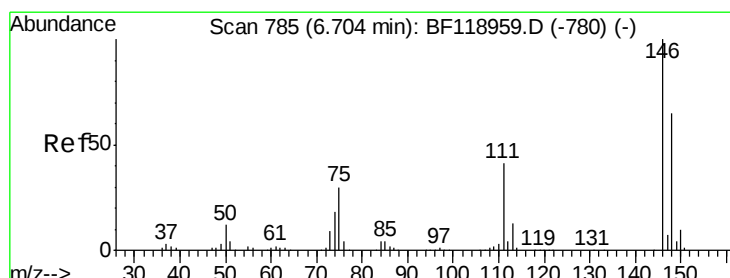
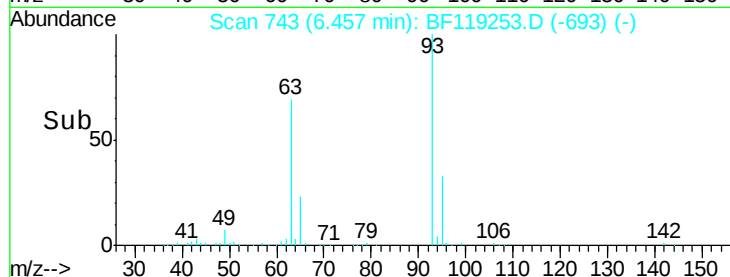
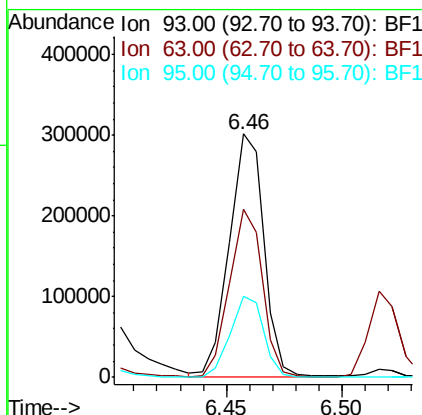
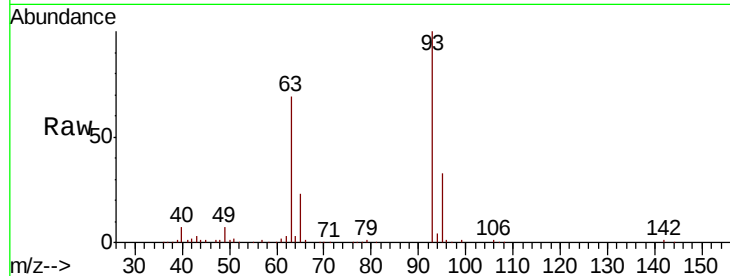
#11
bis(2-Chloroethyl)ether
Concen: 47.020 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	317563		
63	68.8		45.4	85.4
95	33.3		13.5	53.5

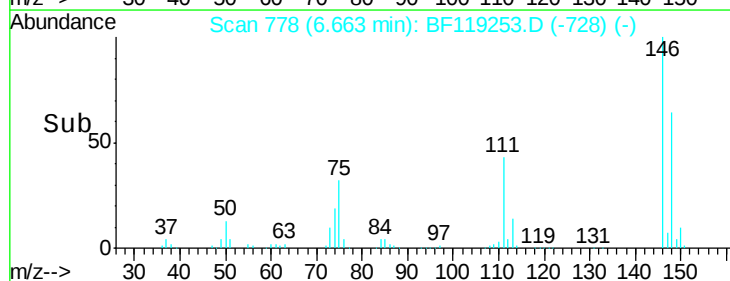
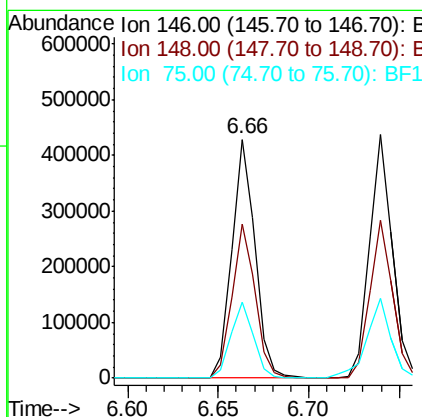
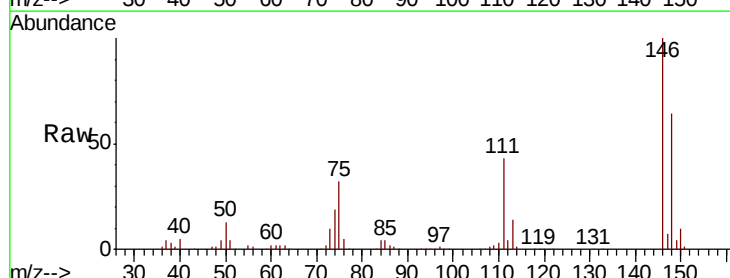
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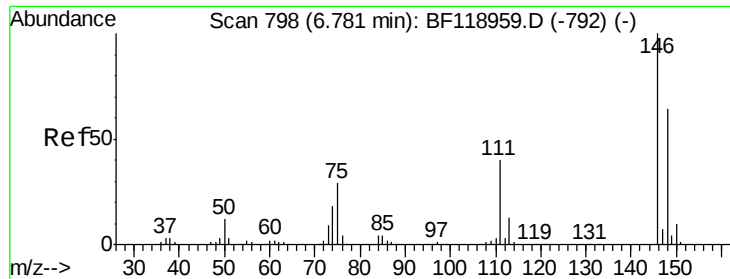
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#12
1,3-Dichlorobenzene
Concen: 43.920 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	381354		
148	64.4		52.5	78.7
75	32.0		23.6	35.4





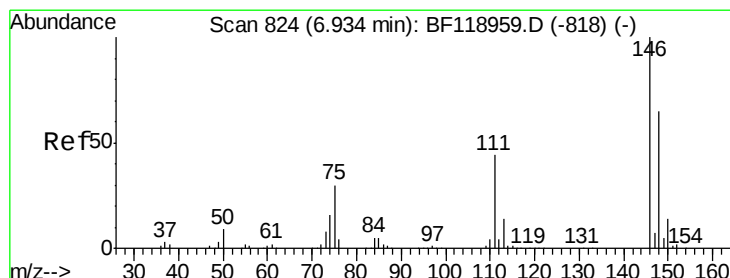
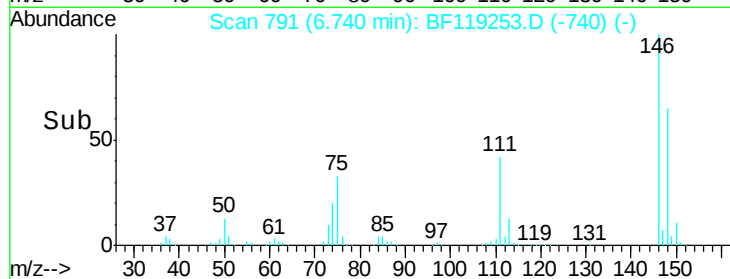
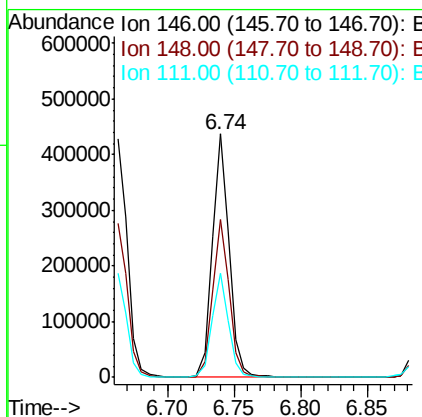
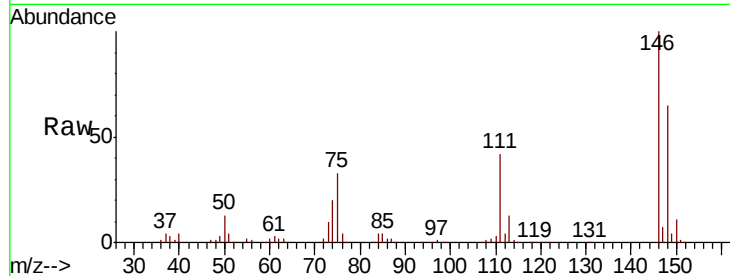
#13
 1,4-Dichlorobenzene
 Concen: 44.765 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Instrument :
 BNA_F
 ClientSampled :
 TP-3MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
111	42.5	34.8	52.2

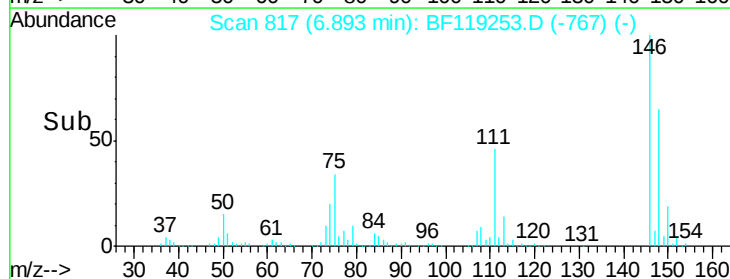
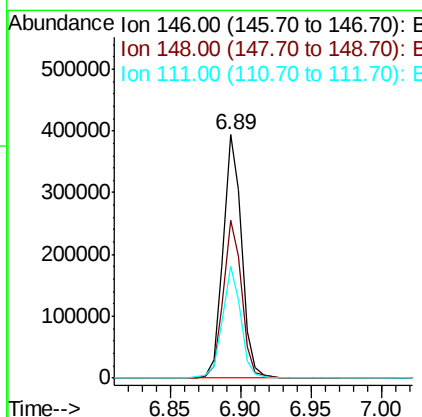
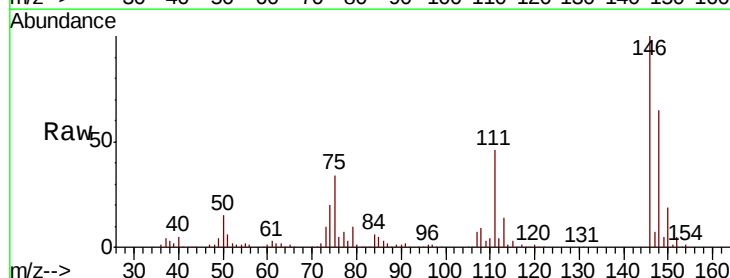
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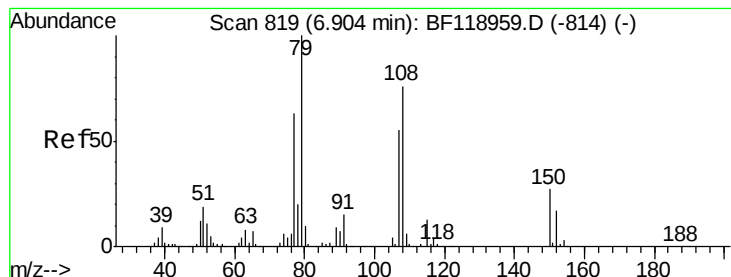
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#14
 1,2-Dichlorobenzene
 Concen: 45.330 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
111	45.9	36.2	54.2





#15

Benzyl Alcohol

Concen: 49.839 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

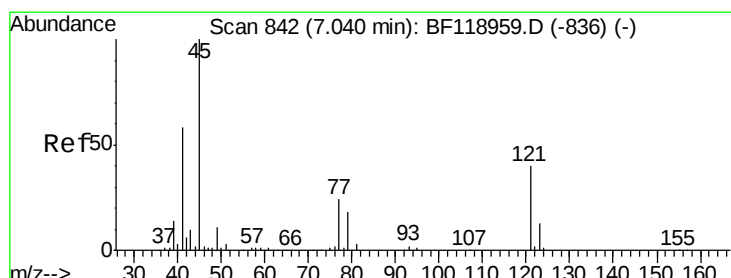
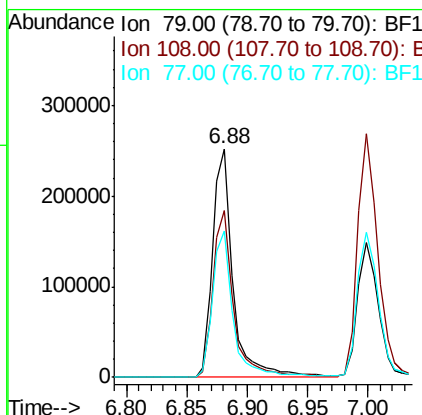
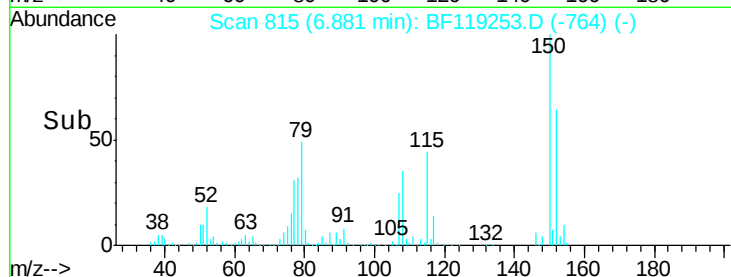
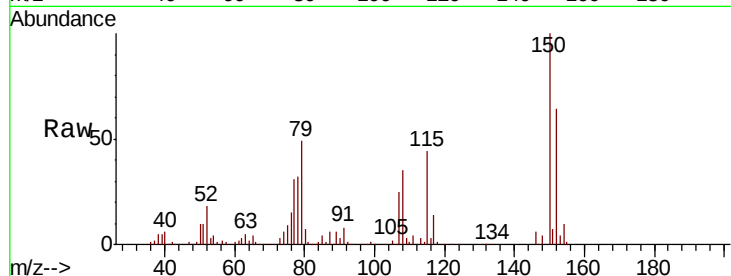
ClientSampled :

TP-3MSD

Tot Ion:	79	Resp:	294071
Ion Ratio	Lower	Upper	
79	100		
108	72.6	58.2	87.2
77	63.9	51.2	76.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.633 ng

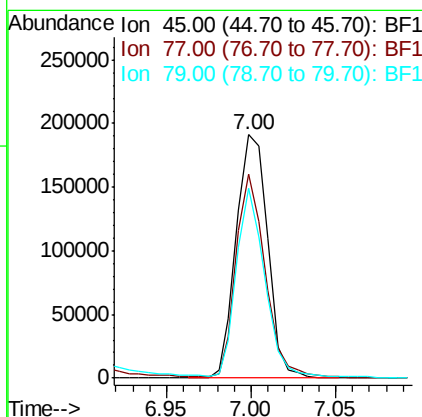
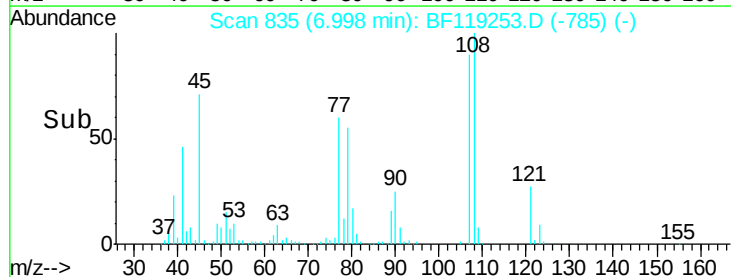
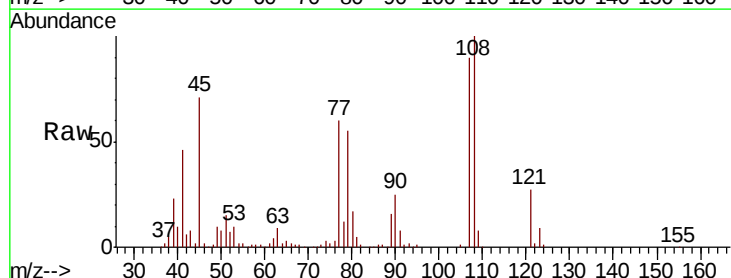
RT: 7.00 min Scan# 835

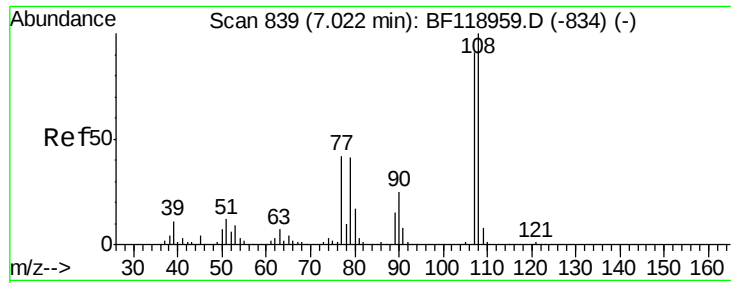
Delta R.T. -0.01 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Tgt Ion:	45	Resp:	249421
Ion Ratio	Lower	Upper	
45	100		
77	83.9	15.0	55.0#
79	77.9	9.4	49.4#





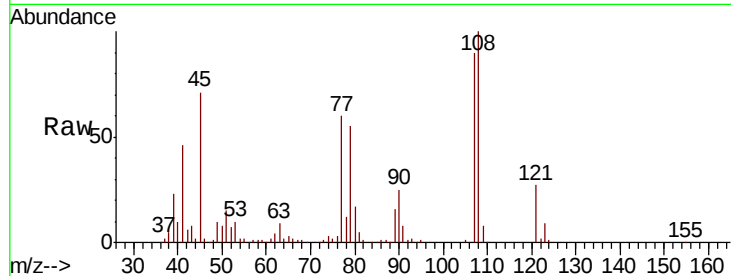
#17
2-Methylphenol
Concen: 47.202 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleID :
TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	87.9	131.9	
77	66.0	45.3	67.9	
79	61.3	43.0	64.4	

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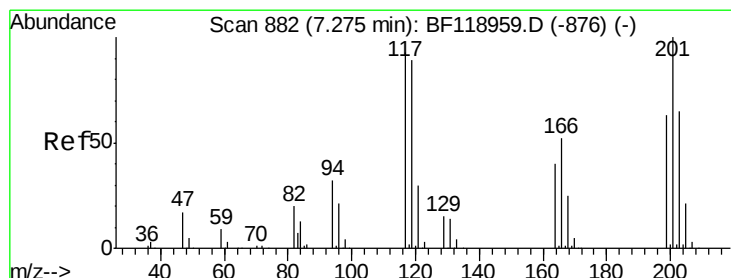
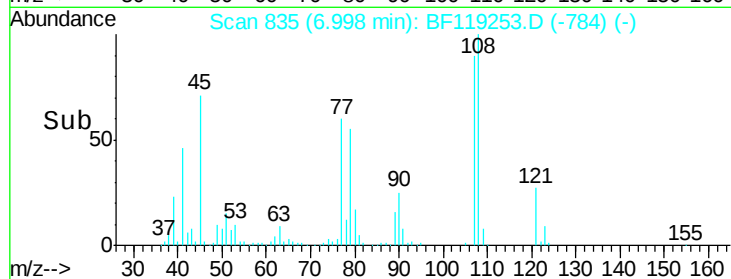
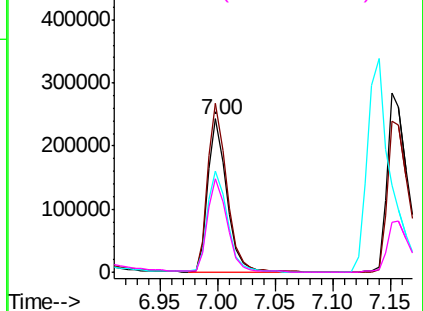
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

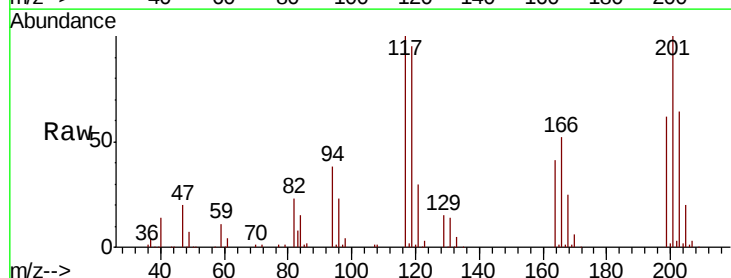
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 44.161 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	77.5	116.3	
201	99.6	82.6	123.8	

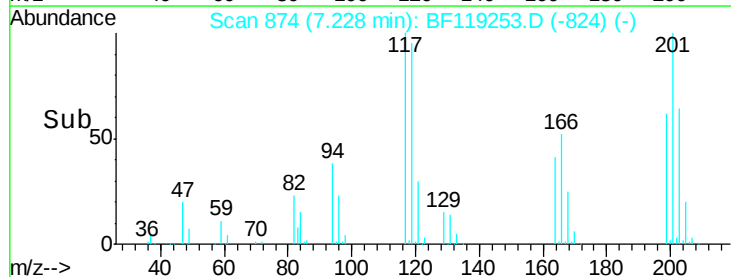
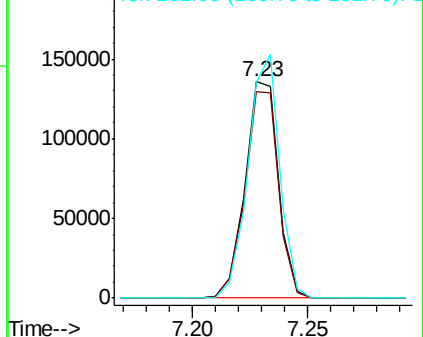


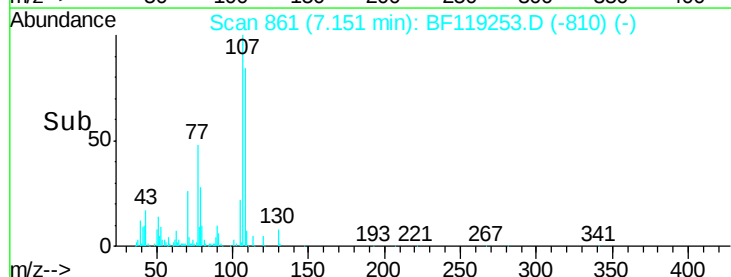
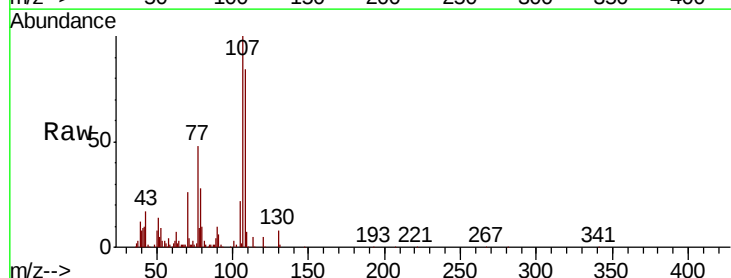
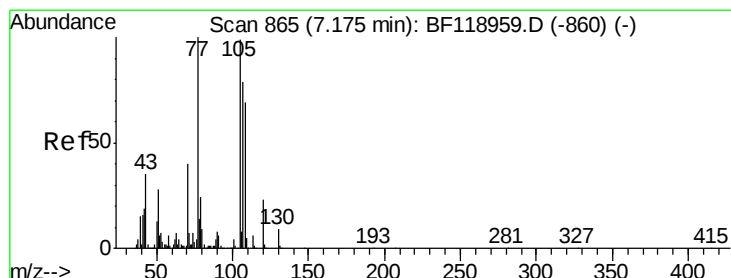
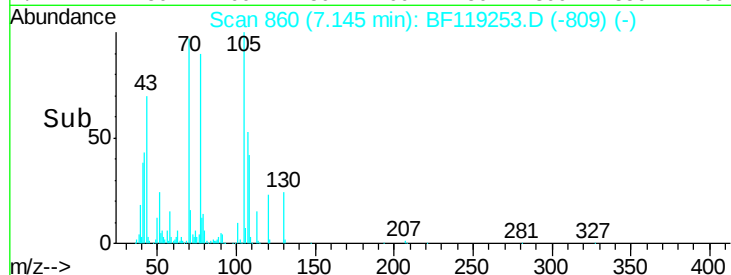
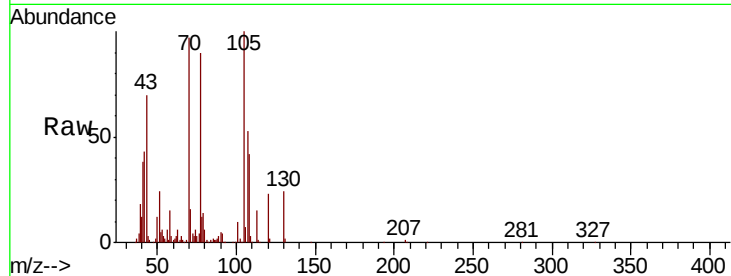
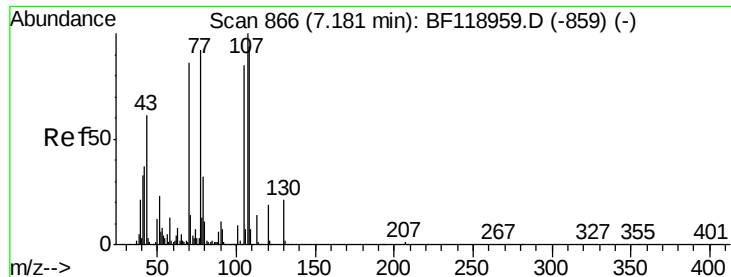
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

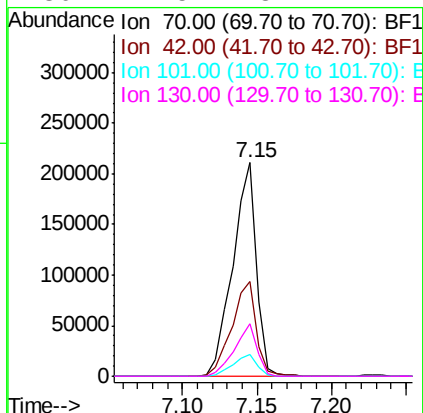
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 49.207 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.6	38.0	57.0
101	10.3	8.2	12.4
130	24.5	18.2	27.4



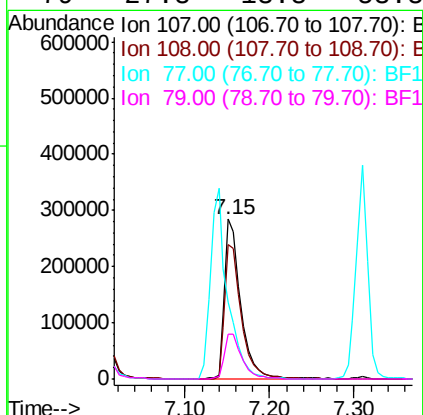
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

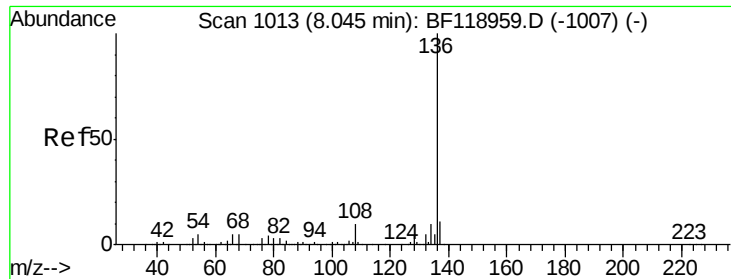
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#20
3+4-Methylphenols
Concen: 51.552 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.3	71.5	111.5
77	48.5	45.9	85.9
79	27.8	13.8	53.8





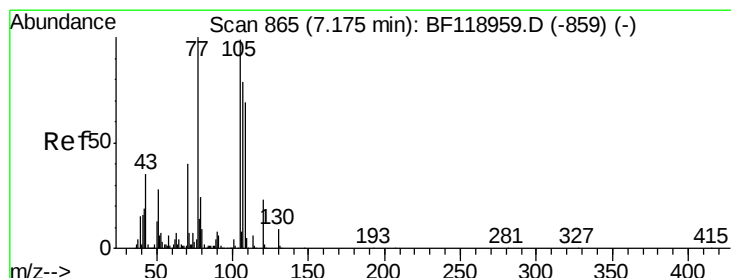
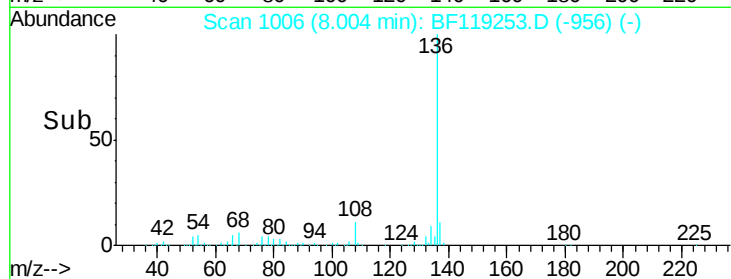
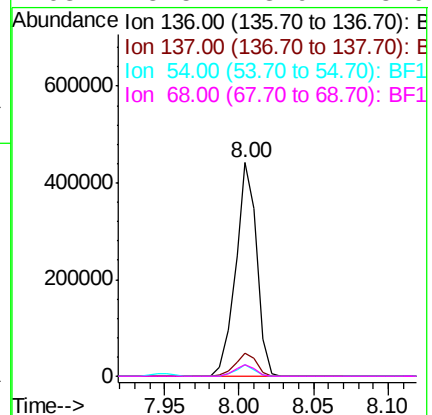
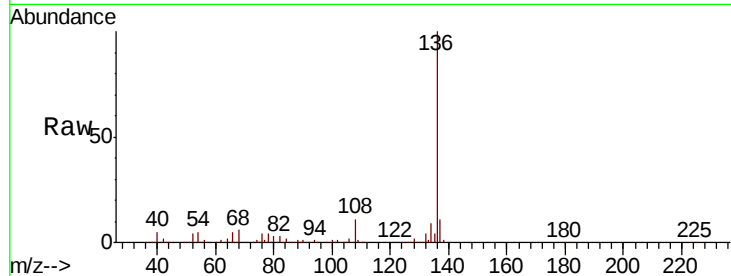
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	438356		
137	11.0	8.8	13.2	
54	5.2	3.8	5.6	
68	5.5	3.9	5.9	

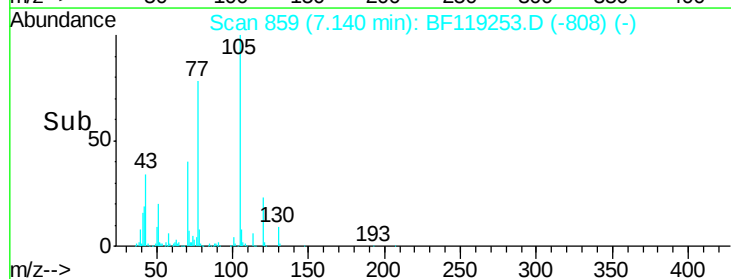
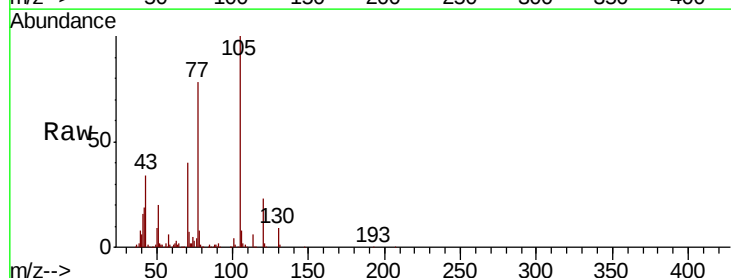
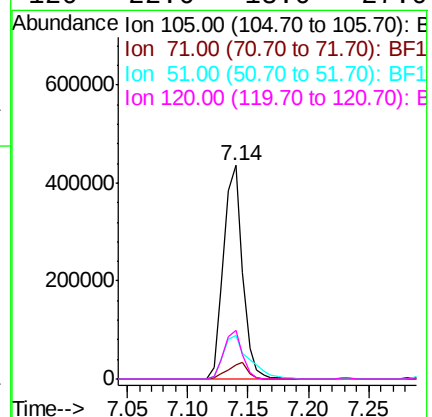
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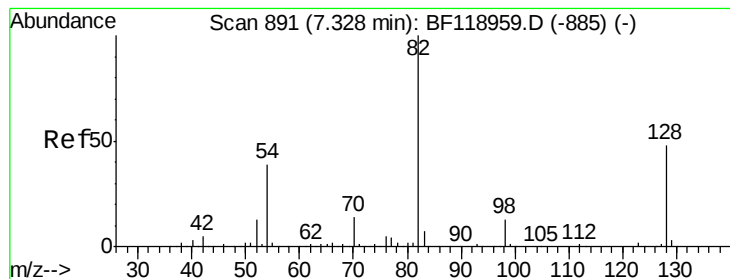
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#22
Acetophenone
Concen: 46.691 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	473562		
71	6.8	3.0	4.4#	
51	20.1	20.1	30.1	
120	22.6	18.0	27.0	





#23

Nitrobenzene-d5

Concen: 65.317 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

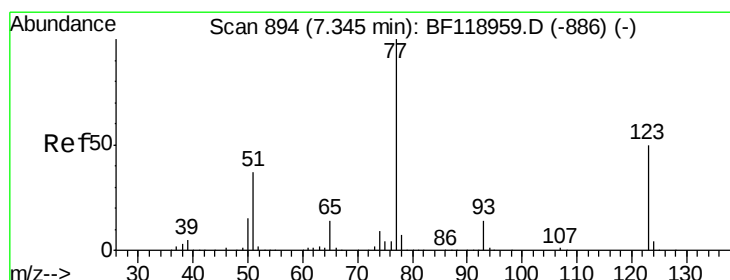
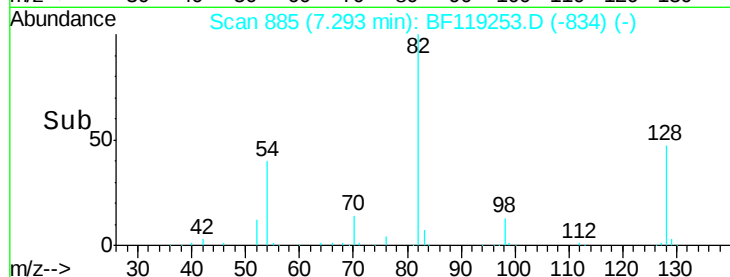
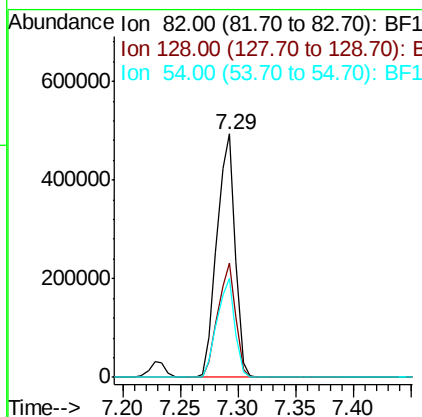
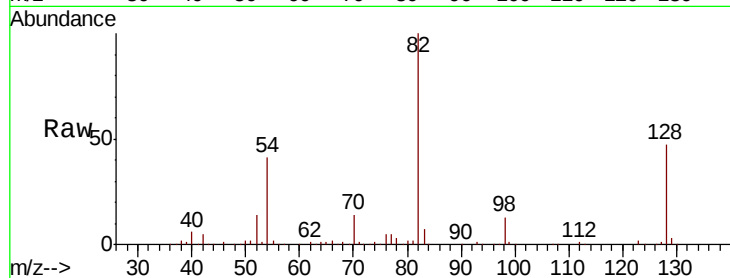
ClientSampleId :

TP-3MSD

Tot Ion:	82	Resp:	542273
Ion Ratio	Lower	Upper	
82	100		
128	47.0	37.9	56.9
54	40.6	33.4	50.2

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#24

Nitrobenzene

Concen: 44.299 ng

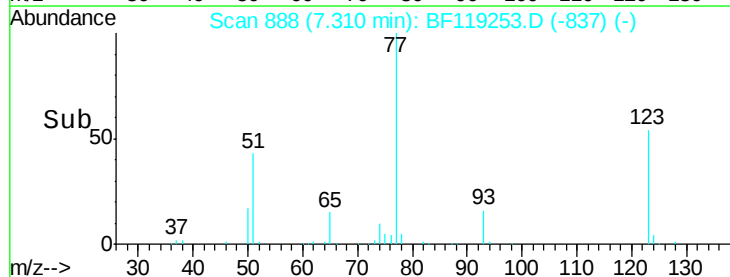
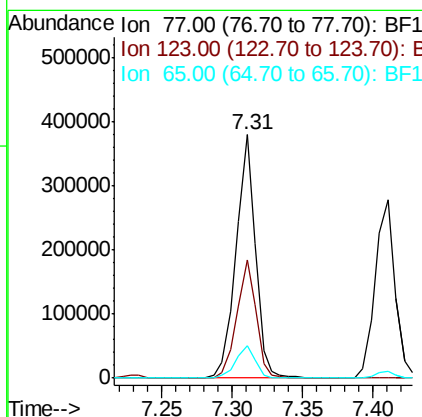
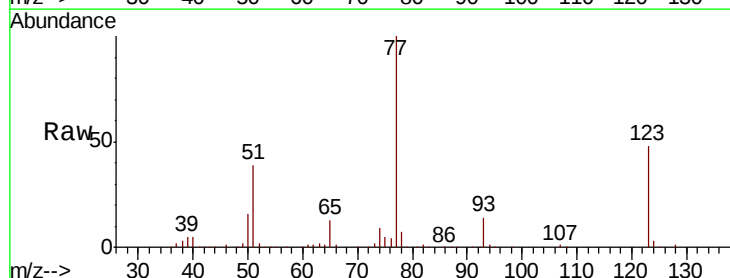
RT: 7.31 min Scan# 888

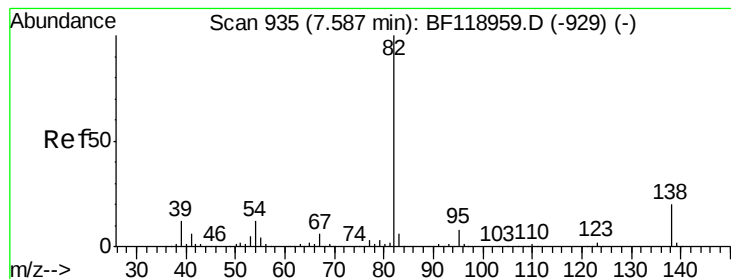
Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Tgt Ion:	77	Resp:	363698
Ion Ratio	Lower	Upper	
77	100		
123	48.4	40.2	60.2
65	13.3	10.8	16.2





#25

Isophorone

Concen: 44.759 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

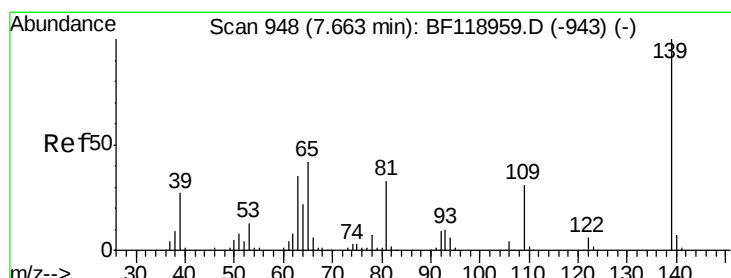
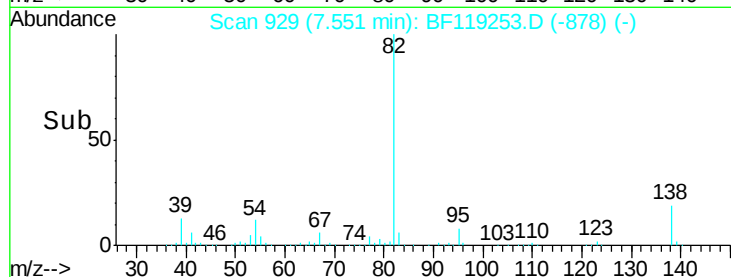
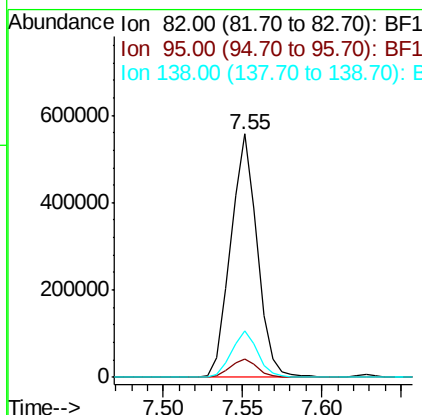
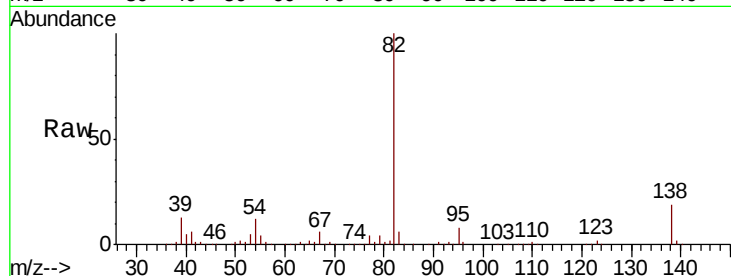
ClientSampleId :

TP-3MSD

Tot Ion:	82	Resp:	645359
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.4	9.6
138	18.9	15.7	23.5

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#26

2-Nitrophenol

Concen: 44.912 ng

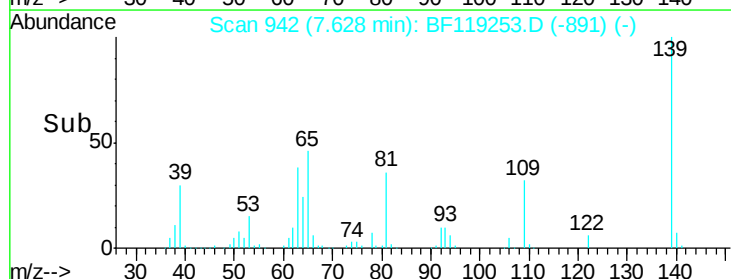
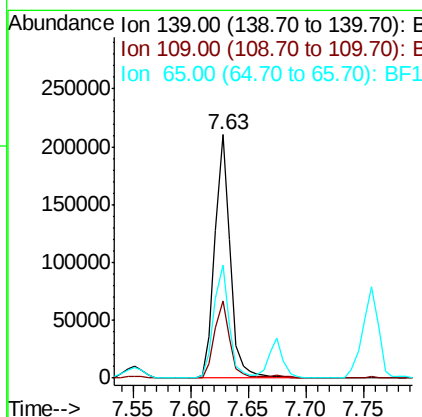
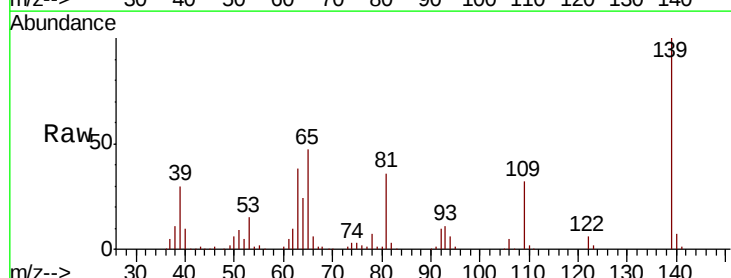
RT: 7.63 min Scan# 942

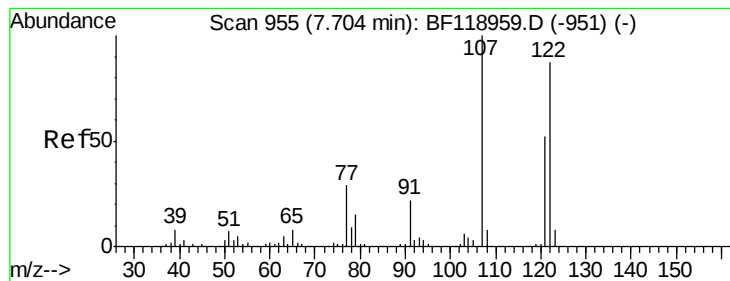
Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Tgt Ion:	139	Resp:	195371
Ion Ratio	Lower	Upper	
139	100		
109	31.7	25.7	38.5
65	46.7	37.1	55.7





#27

2,4-Dimethylphenol

Concen: 48.228 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

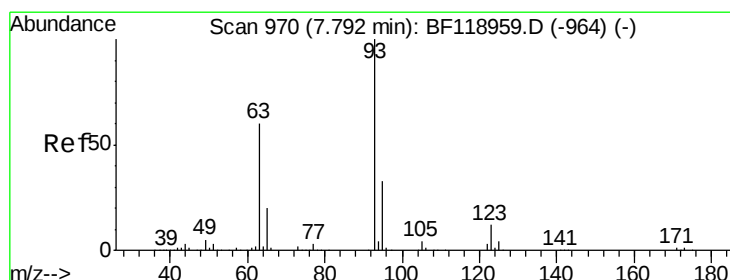
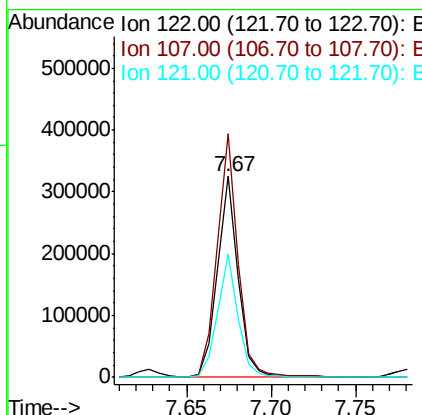
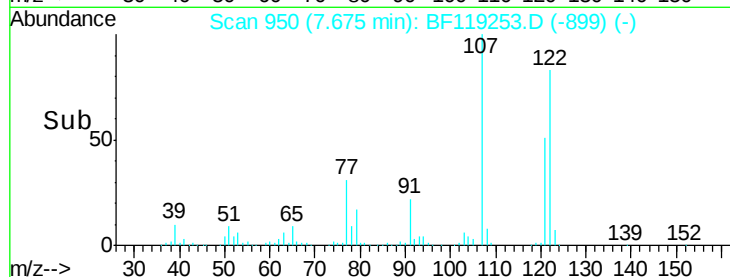
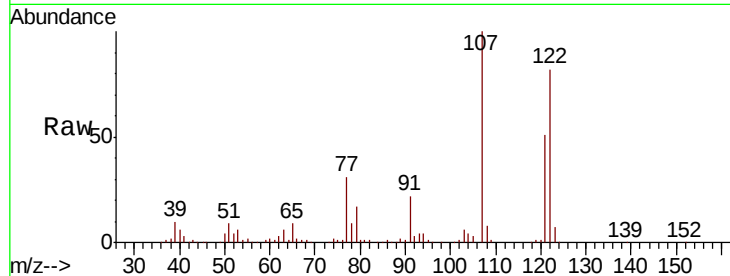
ClientSampled :

TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	284727		
107	121.3	93.8	140.6	
121	61.7	48.2	72.2	

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#28

bis(2-Chloroethoxy)methane

Concen: 41.108 ng

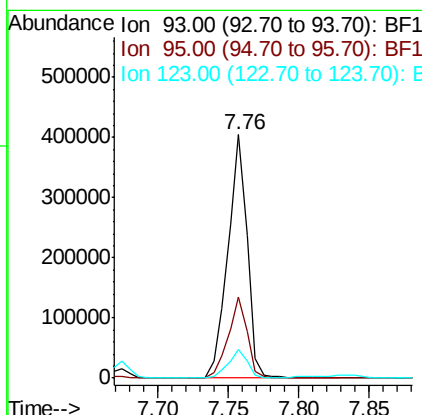
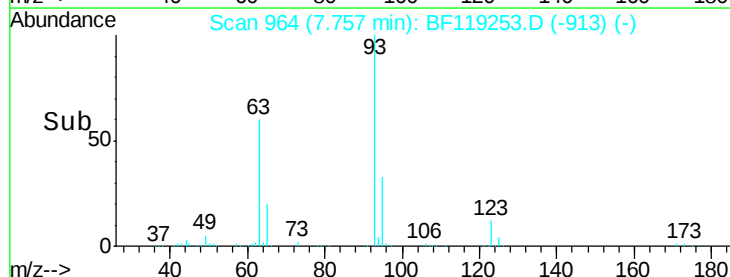
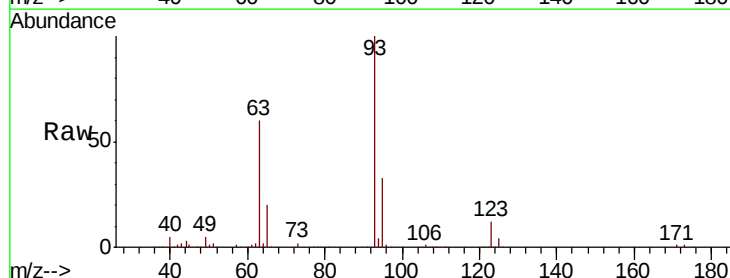
RT: 7.76 min Scan# 964

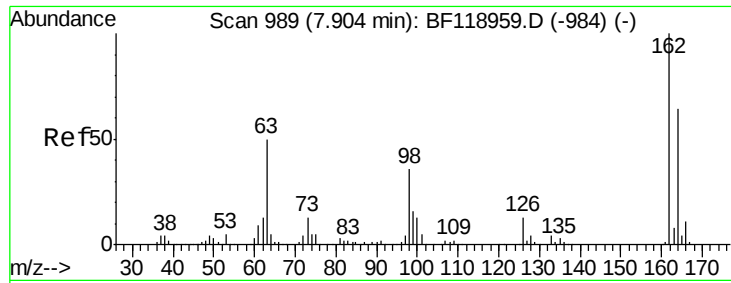
Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	385795		
95	33.5	26.5	39.7	
123	11.8	10.2	15.2	





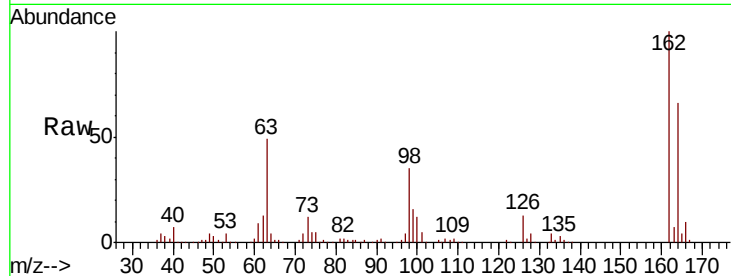
#29
2,4-Dichlorophenol
Concen: 43.966 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampled :
TP-3MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.8	45.2	85.2
98	35.0	17.4	57.4

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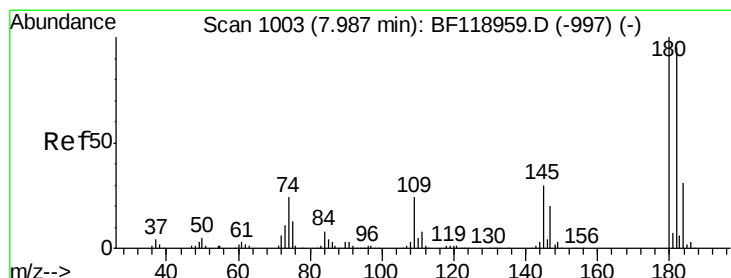
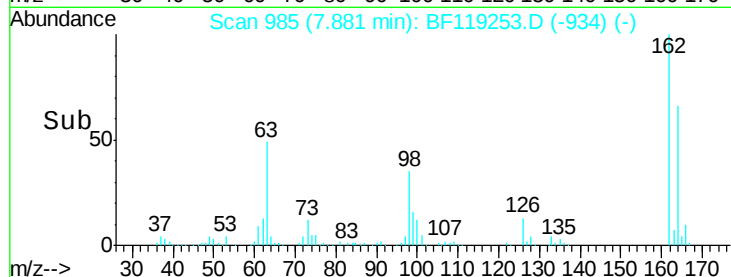
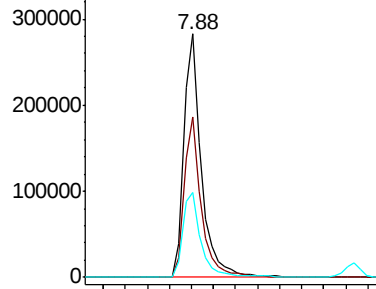


Abundance

Ion 162.00 (161.70 to 162.70): E

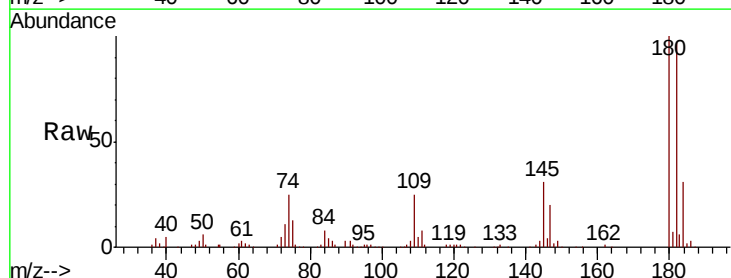
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.693 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.8	77.8	116.6
145	30.9	25.2	37.8

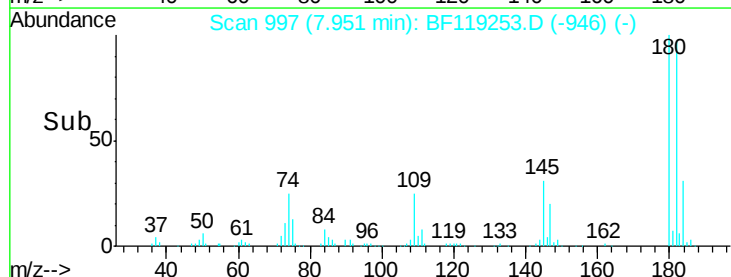
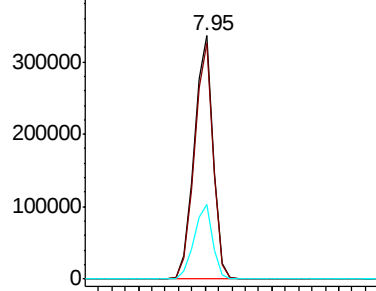


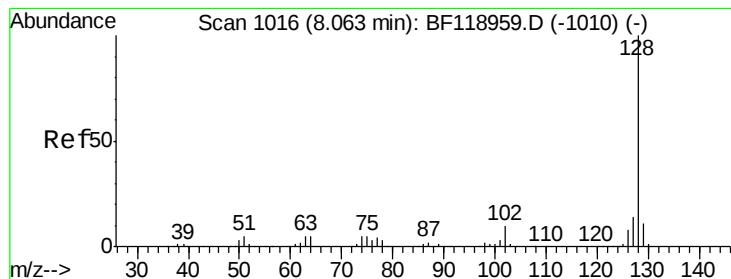
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.997 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tot Ion:128 Resp: 1000230

Ion Ratio Lower Upper

128 100

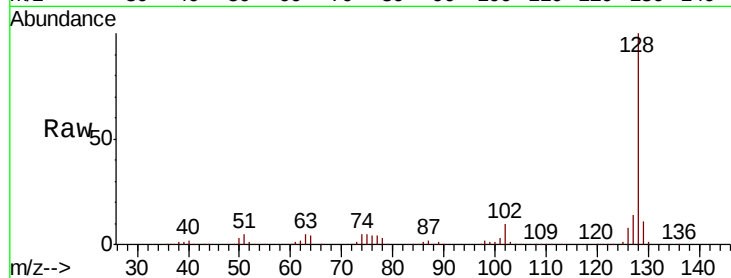
129 11.2 9.4 14.2

127 13.7 11.4 17.2

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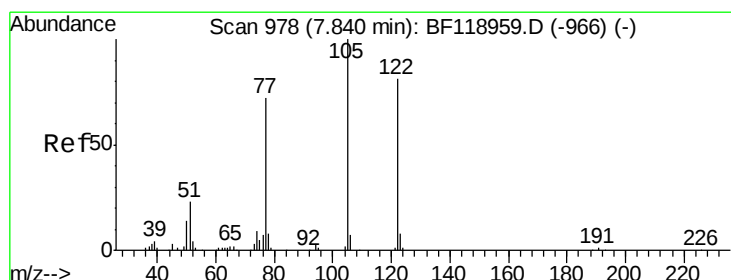
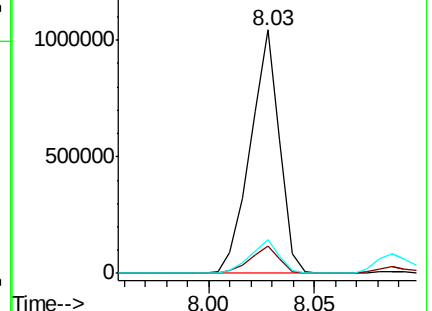
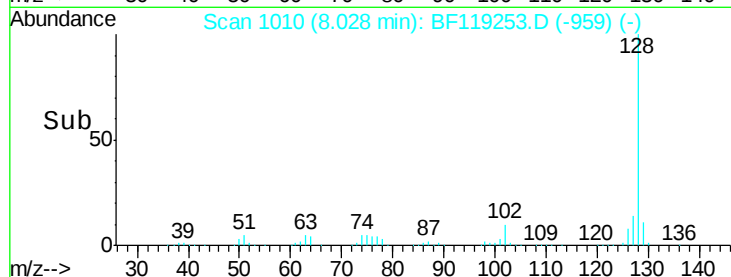
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.038 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

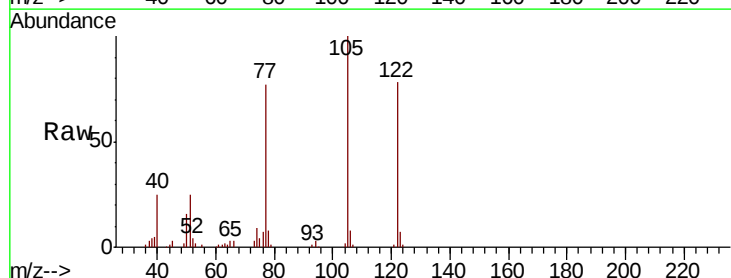
Tgt Ion:122 Resp: 166932

Ion Ratio Lower Upper

122 100

105 128.0 106.3 146.3

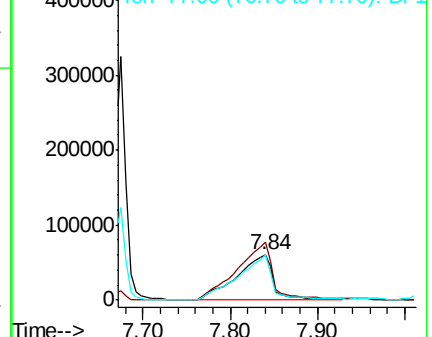
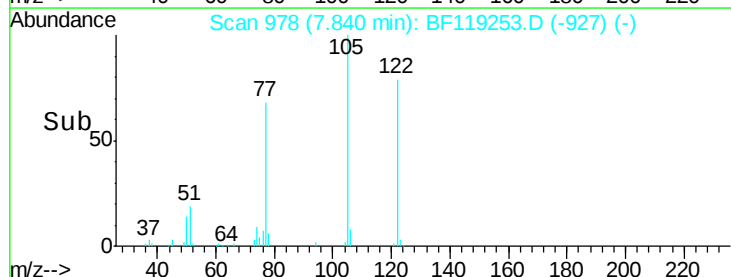
77 98.9 73.1 113.1

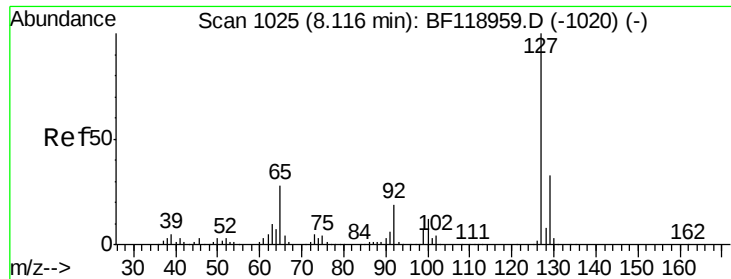


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





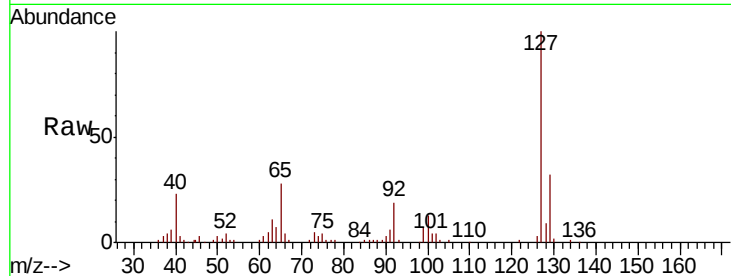
#33
4-Chloroaniline
Concen: 13.849 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

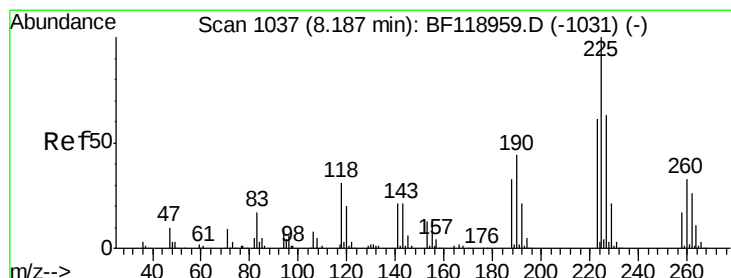
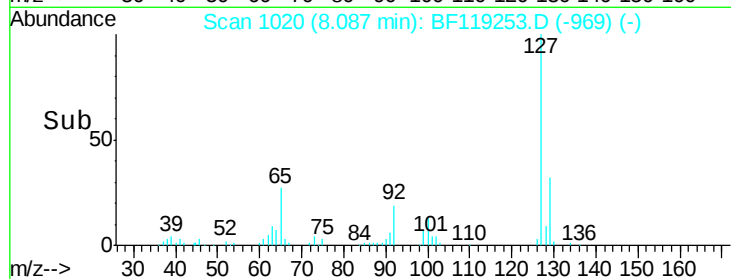
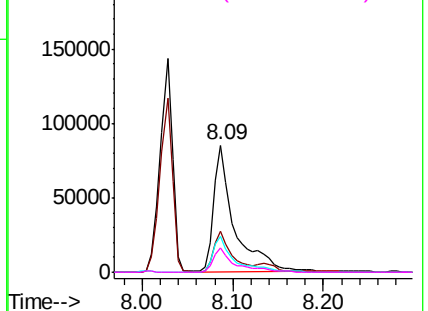
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		135419		
129	32.1	25.9	38.9		
65	27.8	23.9	35.9		
92	19.4	16.3	24.5		

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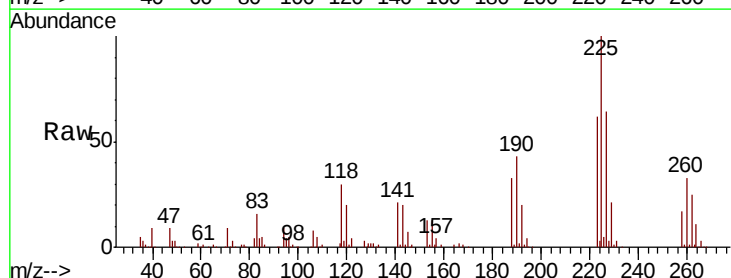


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

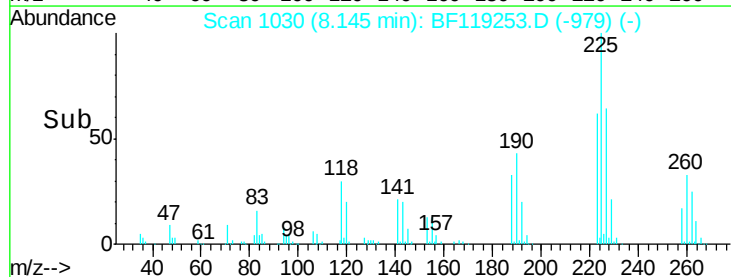
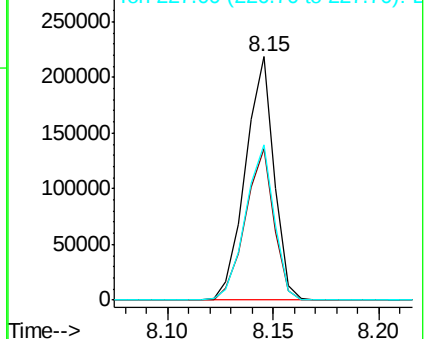


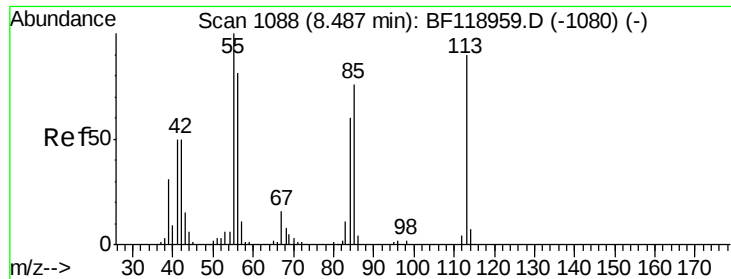
#34
Hexachlorobutadiene
Concen: 39.975 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		205191		
223	62.0	49.4	74.2		
227	64.0	52.9	79.3		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





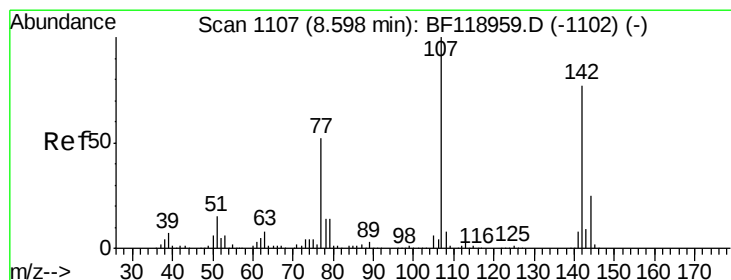
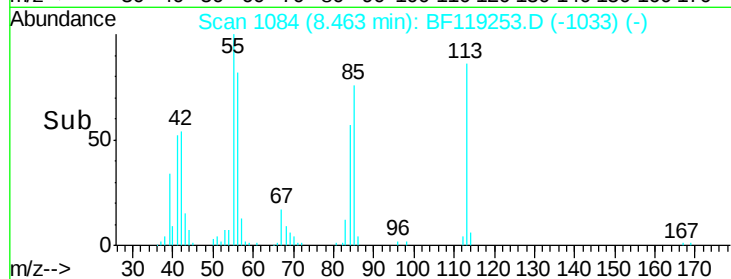
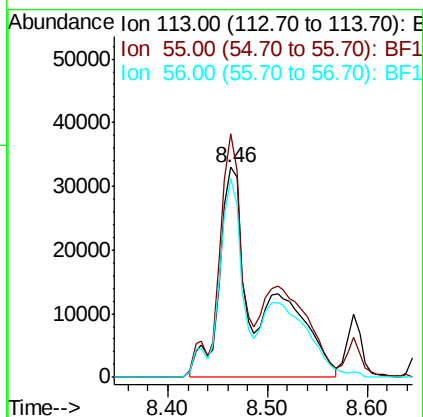
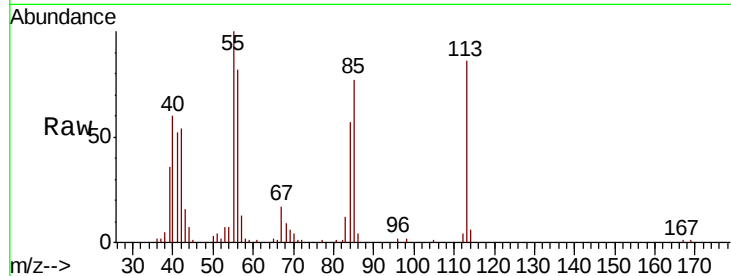
#35
 Caprolactam
 Concen: 44.631 ng/ml
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Instrument :
 BNA_F
 ClientSampleID :
 TP-3MSD

Tot Ion: 113 Resp: 95513
 Ion Ratio Lower Upper
 113 100
 55 115.9 95.7 135.7
 56 95.0 73.1 113.1

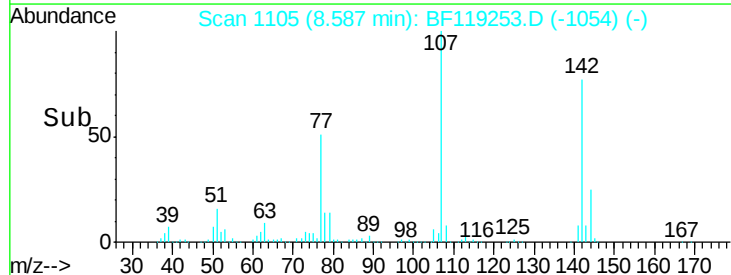
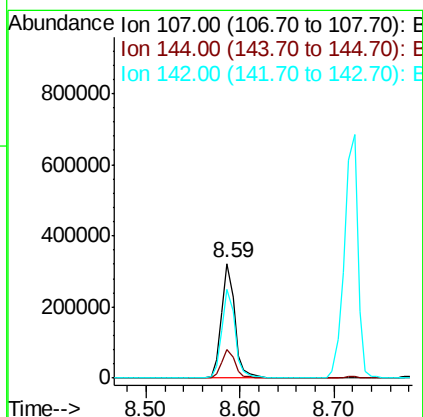
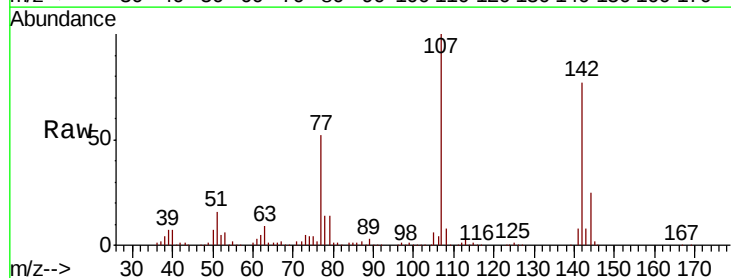
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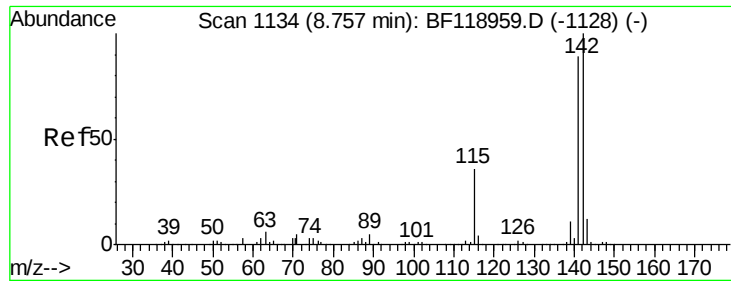
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#36
 4-Chloro-3-methylphenol
 Concen: 46.136 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Tgt Ion: 107 Resp: 324520
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.1 30.1
 142 76.8 61.4 92.2





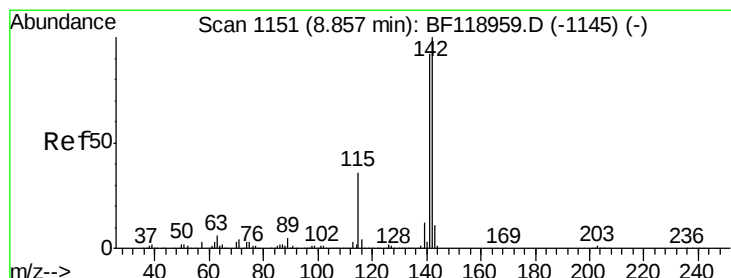
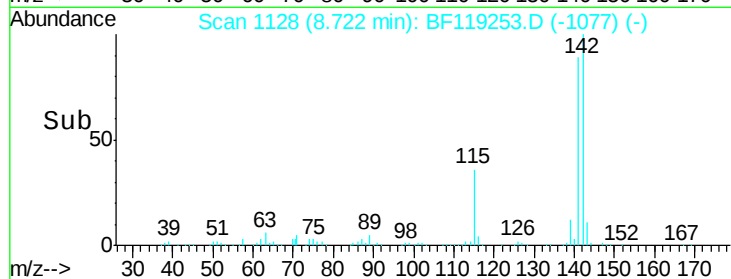
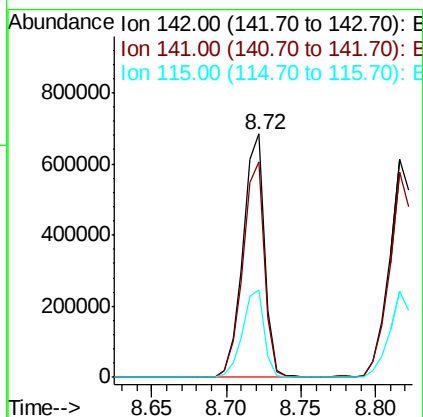
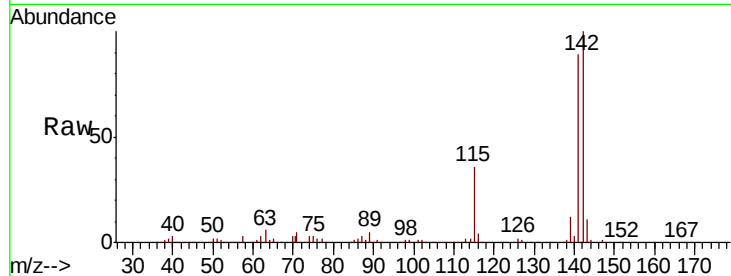
#37
2-Methylnaphthalene
Concen: 44.720 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.3	108.5
115	36.0	30.6	45.8

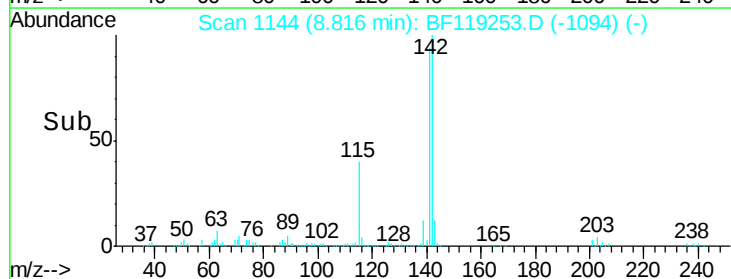
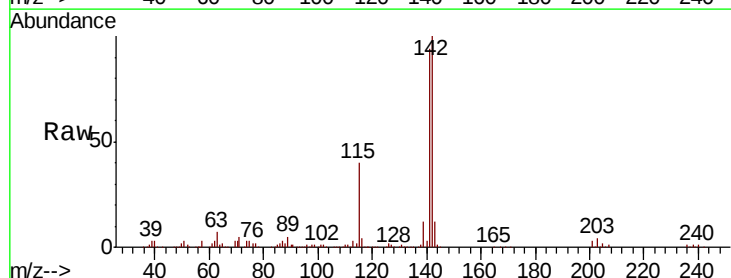
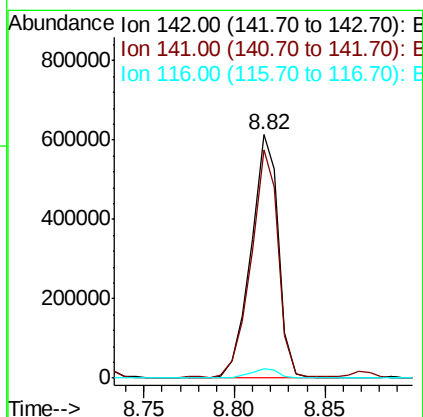
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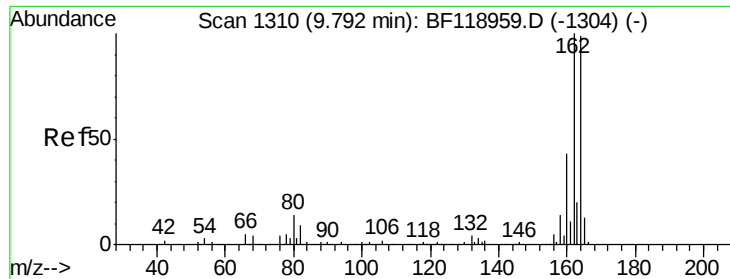
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#38
1-Methylnaphthalene
Concen: 44.572 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.8	113.6
116	4.1	3.1	4.7





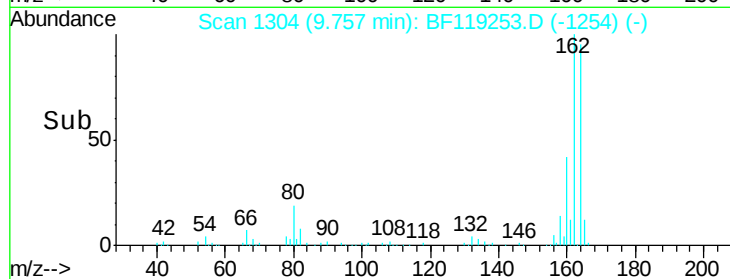
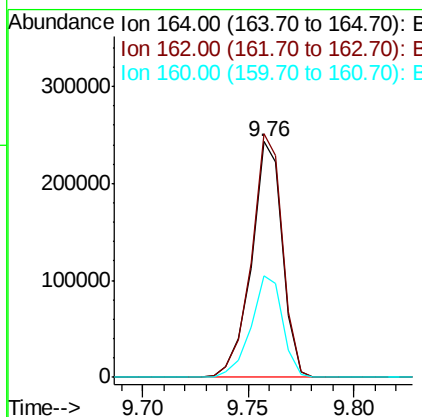
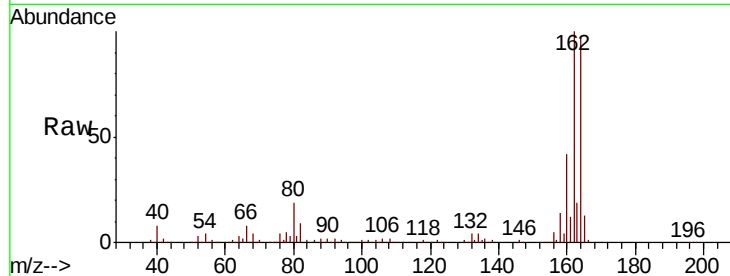
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.8	122.8
160	43.3	36.0	54.0

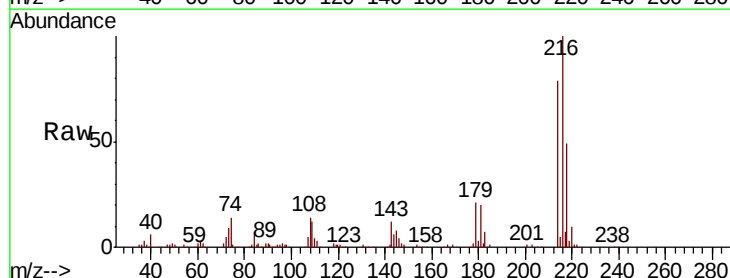
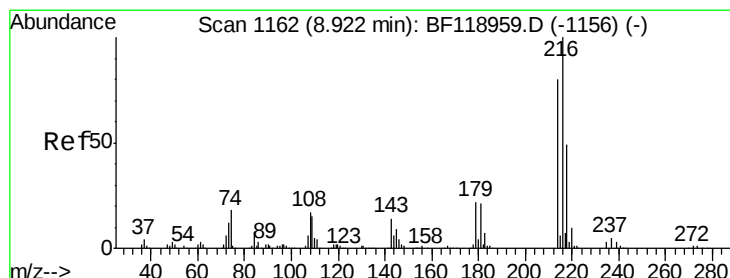
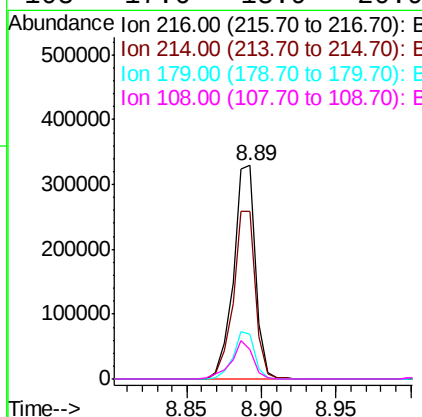
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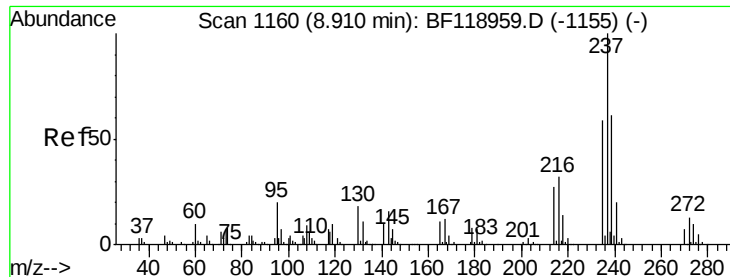
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.002 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.3	94.9
179	21.8	17.7	26.5
108	17.6	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 47.454 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

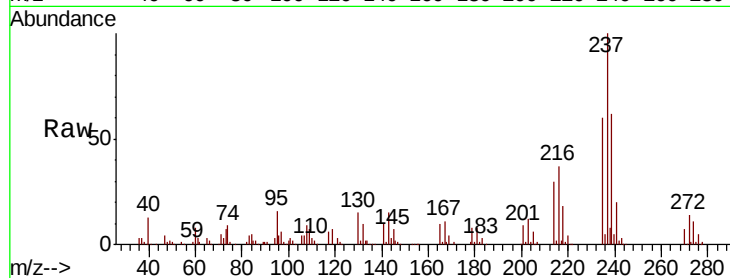
ClientSampleId :

TP-3MSD

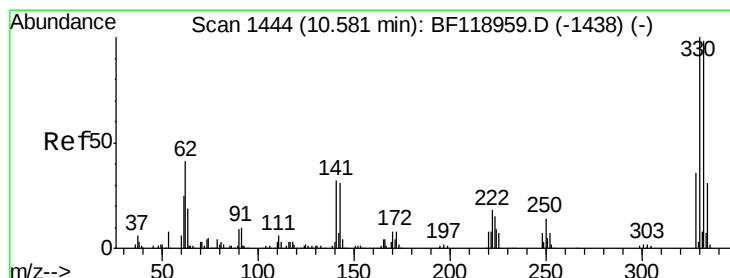
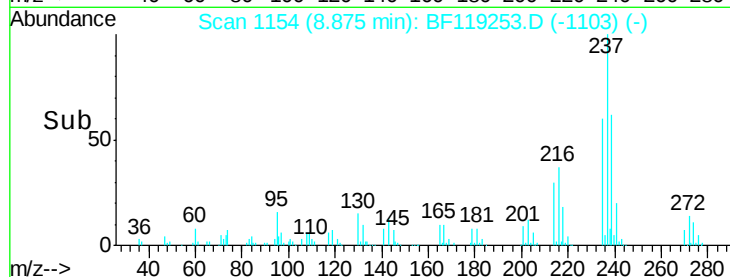
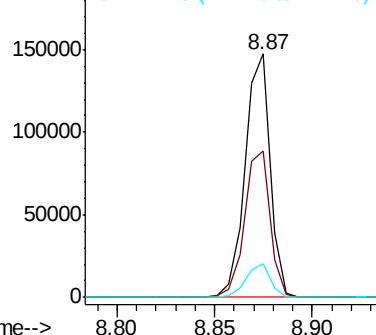
Tot Ion:	237	Resp:	130859
Ion Ratio	Lower	Upper	
237	100		
235	59.9	42.3	82.3
272	13.6	0.0	33.5

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 91.780 ng

RT: 10.56 min Scan# 1440

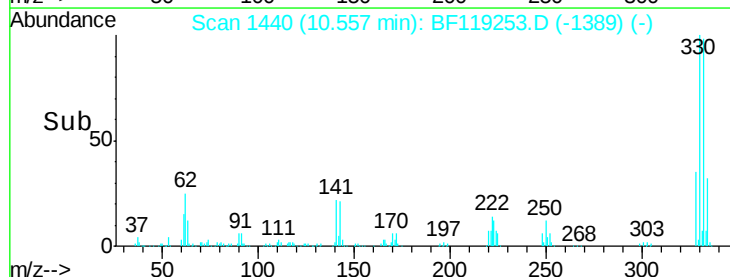
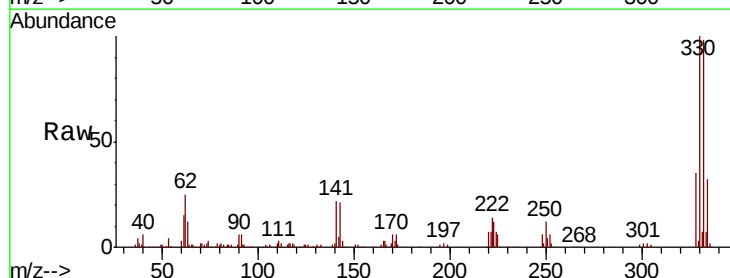
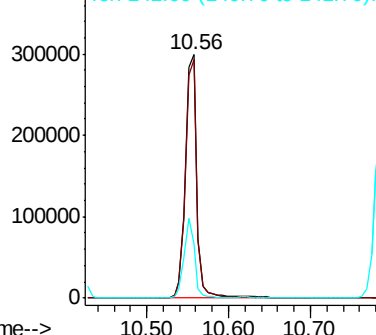
Delta R.T. 0.00 min

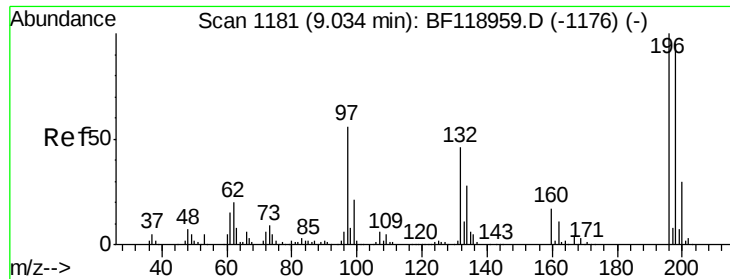
Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Tgt Ion:	330	Resp:	296867
Ion Ratio	Lower	Upper	
330	100		
332	97.6	76.0	114.0
141	29.8	22.9	34.3

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





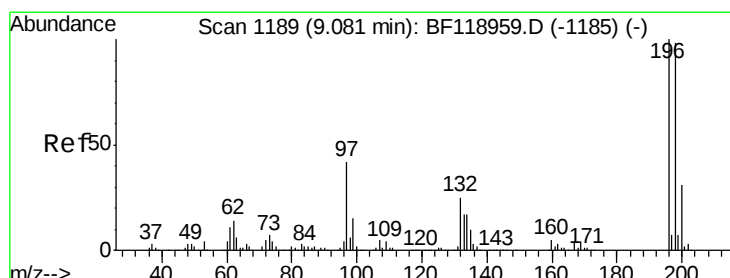
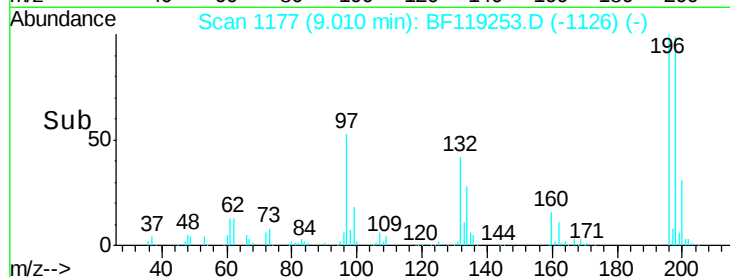
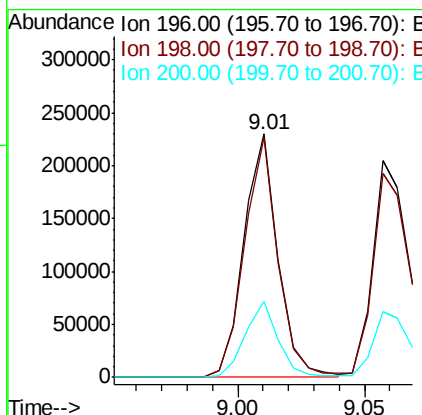
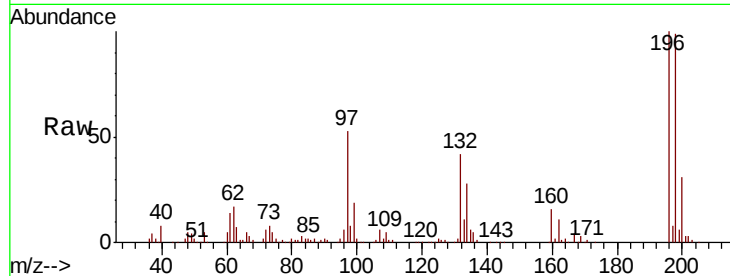
#43
2,4,6-Trichlorophenol
Concen: 40.883 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	215229		
198	98.5	77.1	115.7	
200	31.2	25.0	37.6	

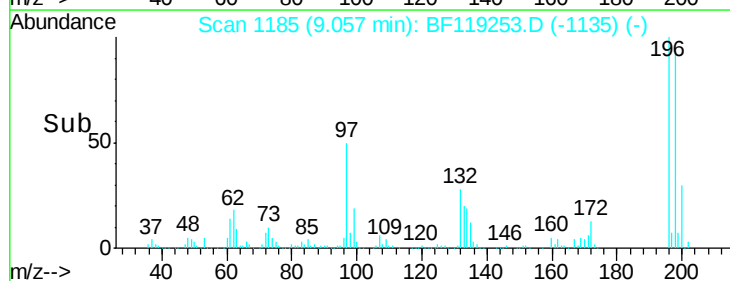
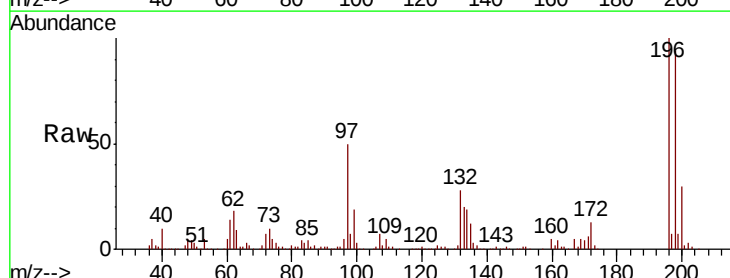
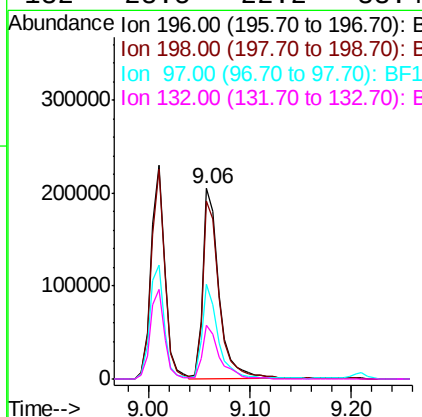
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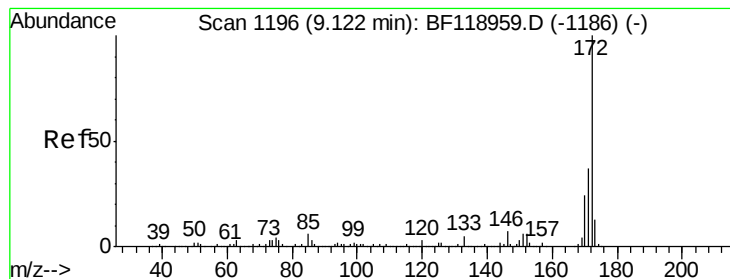
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#44
2,4,5-Trichlorophenol
Concen: 41.315 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	228239		
198	93.8	76.8	115.2	
97	50.0	38.5	57.7	
132	28.5	22.2	33.4	





#45

2-Fluorobiphenyl

Concen: 64.967 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tot Ion:172 Resp: 1090409

Ion Ratio Lower Upper

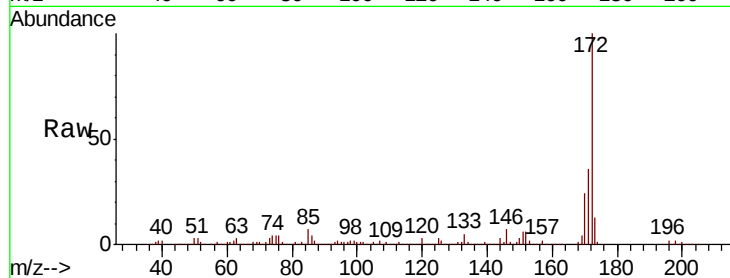
172 100

171 36.3 30.6 45.8

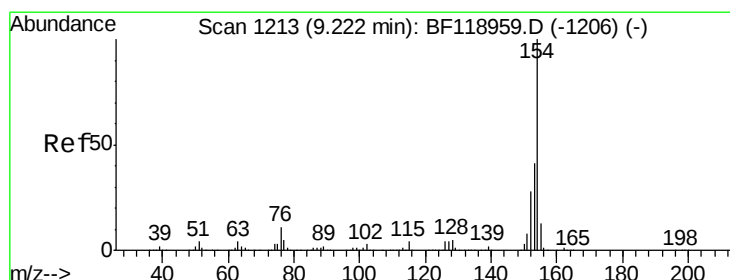
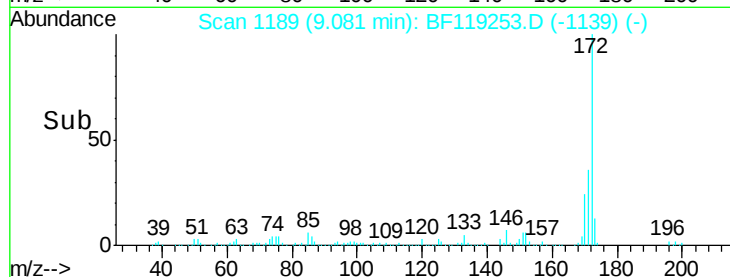
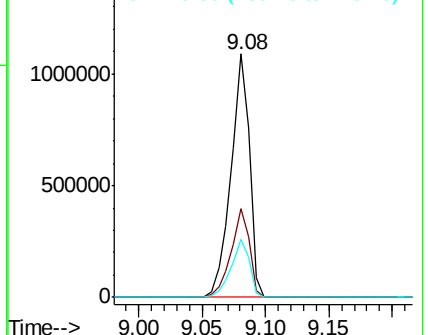
170 23.9 20.2 30.2

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Abundance Ion 172.00 (171.70 to 172.70): E
1500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.401 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

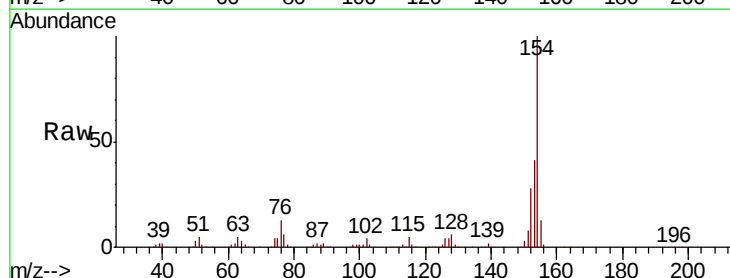
Tgt Ion:154 Resp: 827343

Ion Ratio Lower Upper

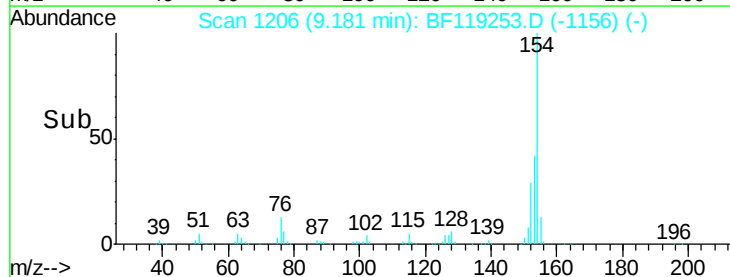
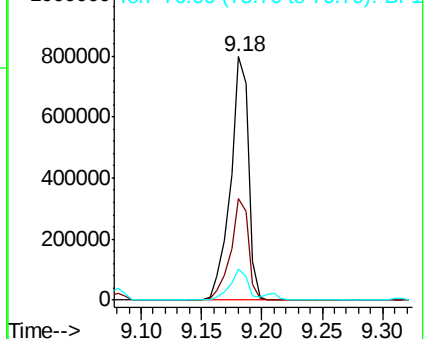
154 100

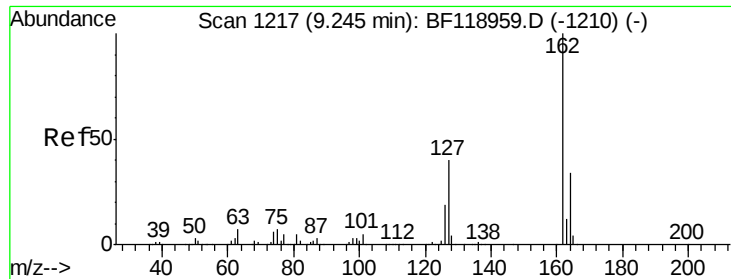
153 41.5 22.8 62.8

76 12.7 0.0 32.2



Abundance Ion 154.00 (153.70 to 154.70): E
1000000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





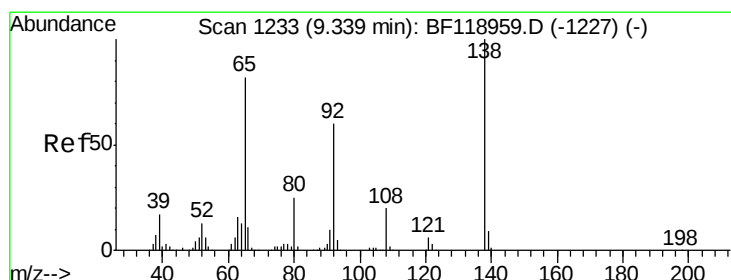
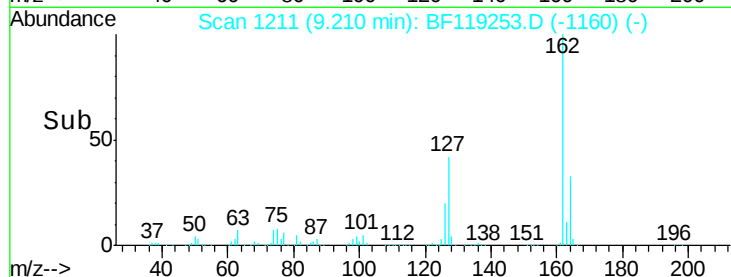
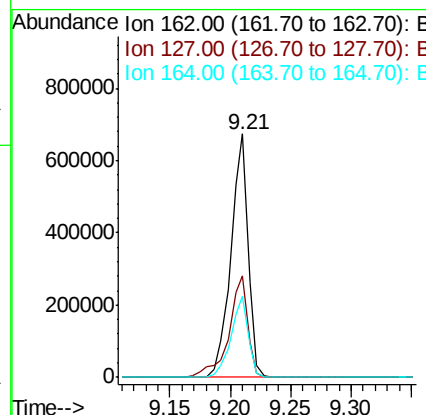
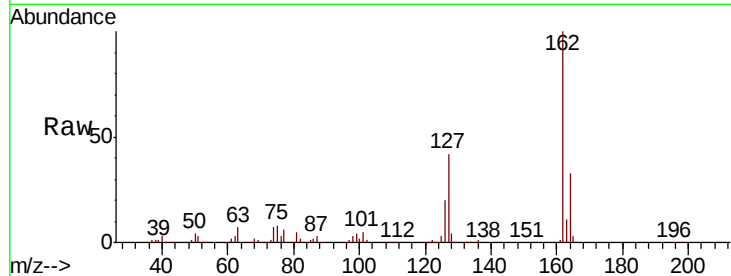
#47
2-Chloronaphthalene
Concen: 41.268 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampled :
TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	664573		
127	41.7		35.0	52.4
164	33.1		27.2	40.8

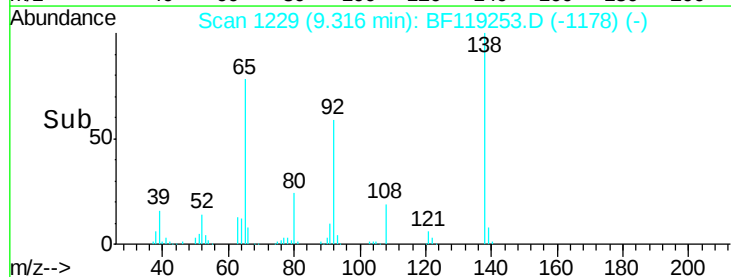
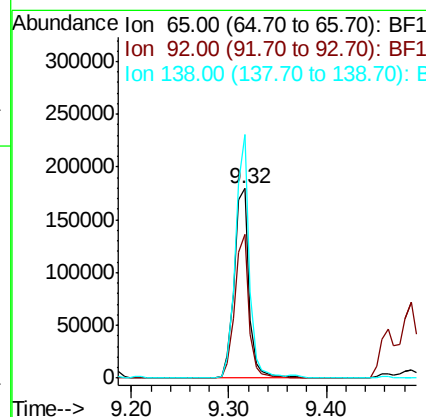
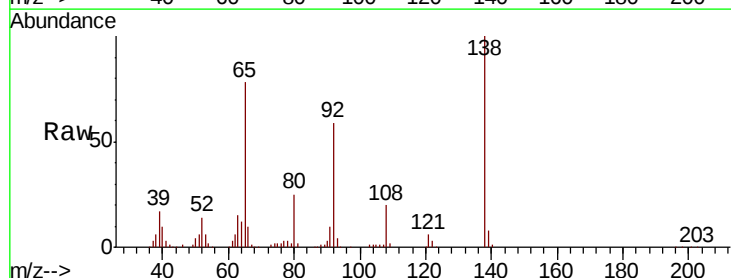
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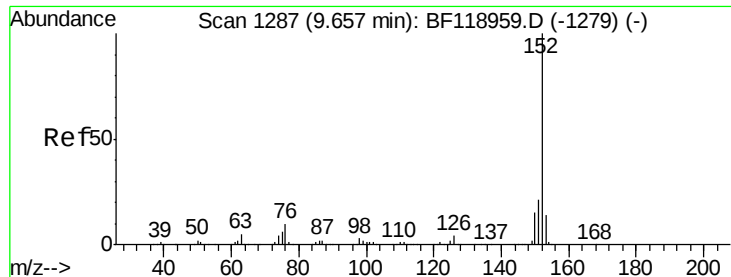
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#48
2-Nitroaniline
Concen: 42.723 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	191897		
92	75.5		58.2	87.2
138	128.3		95.6	143.4





#49

Acenaphthylene

Concen: 43.846 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tot Ion:152 Resp: 1019790

Ion Ratio Lower Upper

152 100

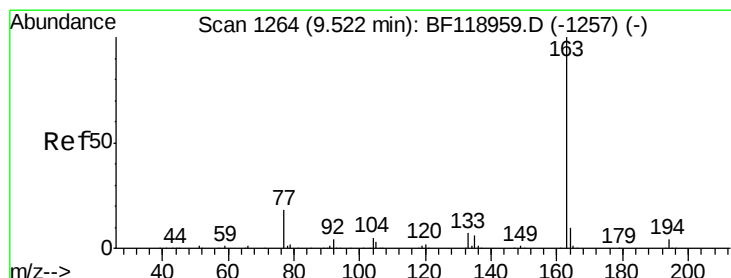
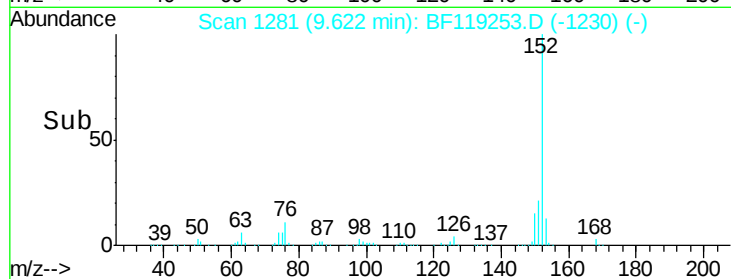
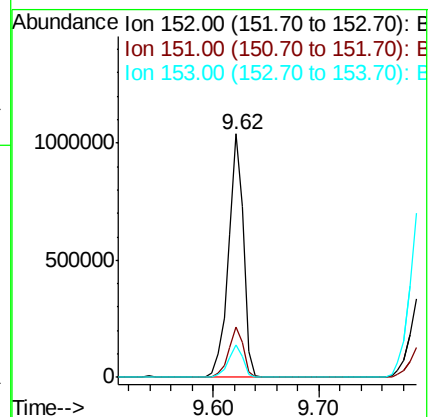
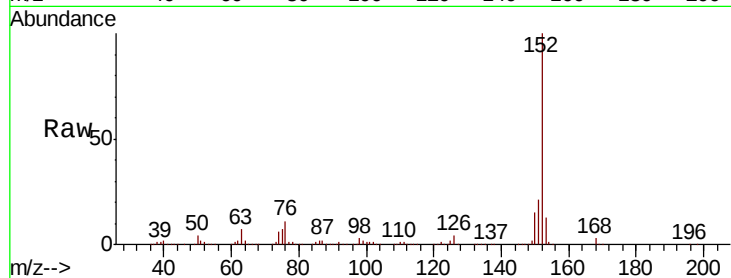
151 20.5 16.9 25.3

153 13.3 11.0 16.6

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#50

Dimethylphthalate

Concen: 46.284 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

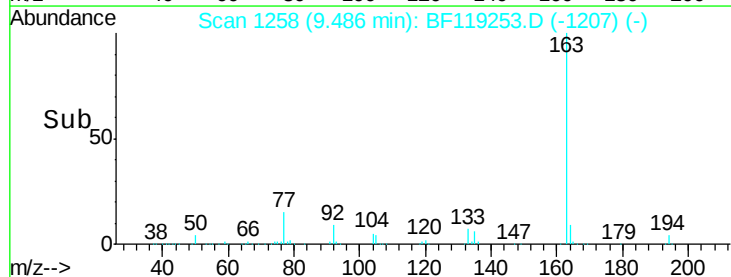
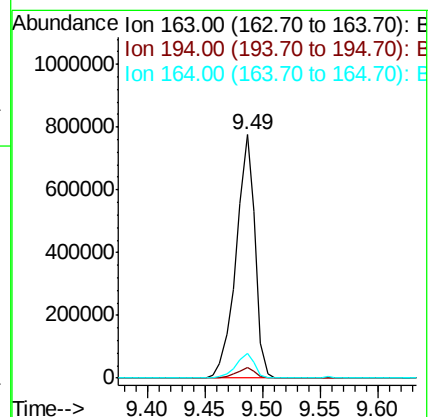
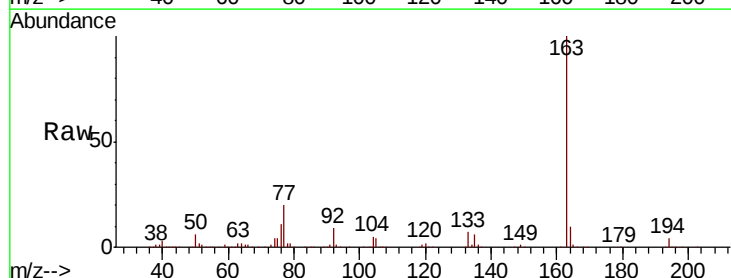
Tgt Ion:163 Resp: 875114

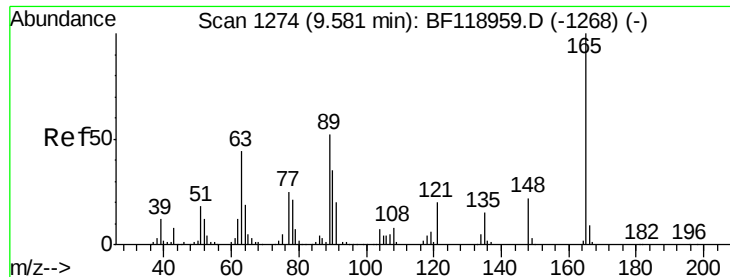
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.3 8.4 12.6





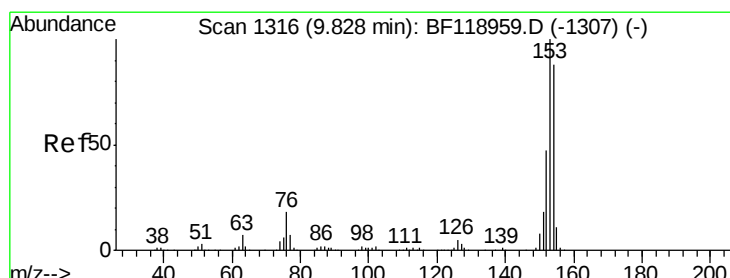
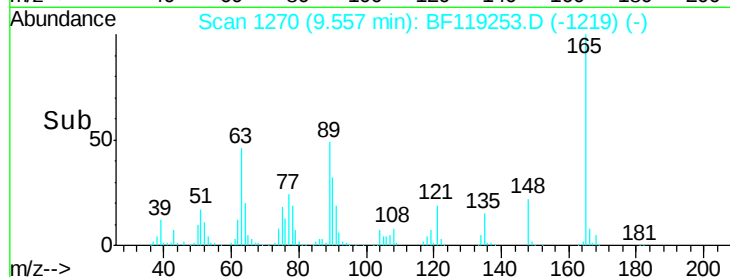
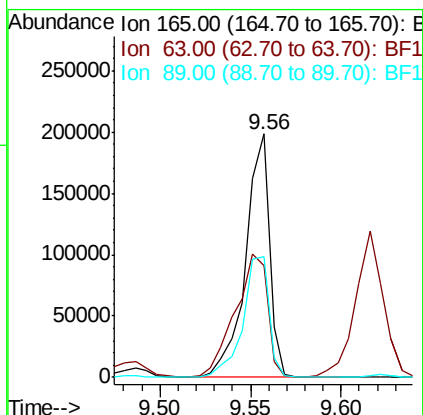
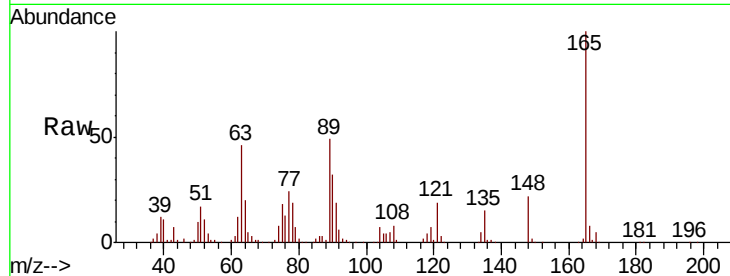
#51
 2,6-Dinitrotoluene
 Concen: 43.455 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Instrument :
 BNA_F
 ClientSampled :
 TP-3MSD

Tot Ion:	165	Resp:	182542
Ion Ratio	Lower	Upper	
165	100		
63	45.7	34.3	51.5
89	49.5	38.3	57.5

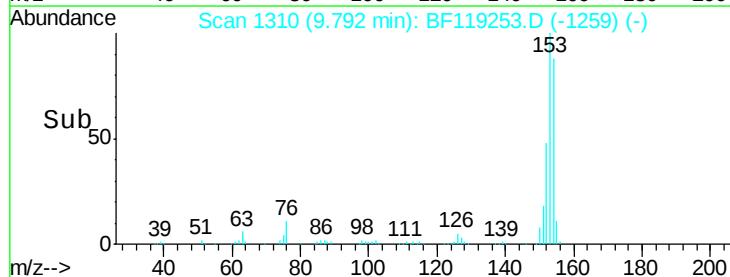
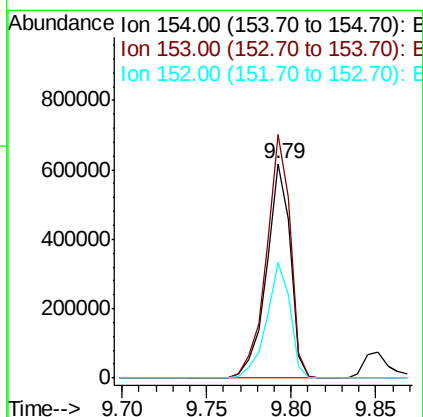
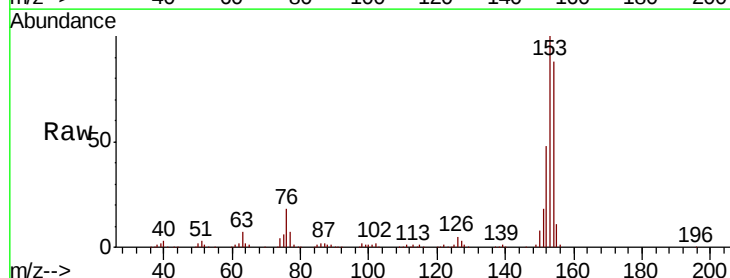
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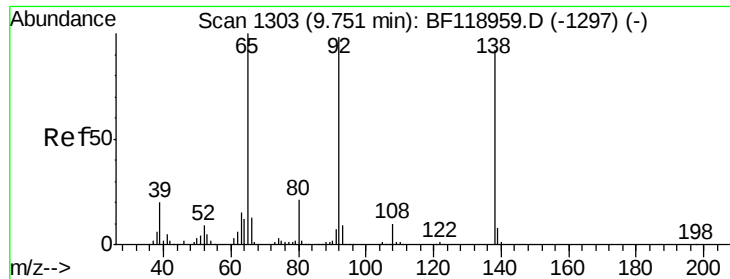
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#52
 Acenaphthene
 Concen: 42.603 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Tgt Ion:	154	Resp:	597485
Ion Ratio	Lower	Upper	
154	100		
153	113.6	90.3	135.5
152	54.1	43.8	65.8





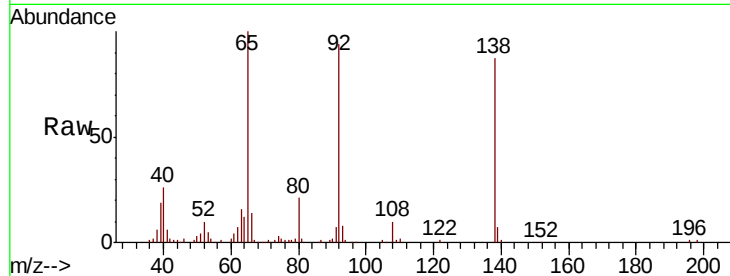
#53
3-Nitroaniline
Concen: 18.750 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.8	13.2
92	108.4	84.8	127.2

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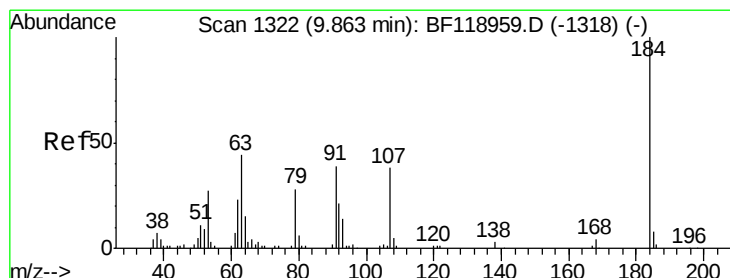
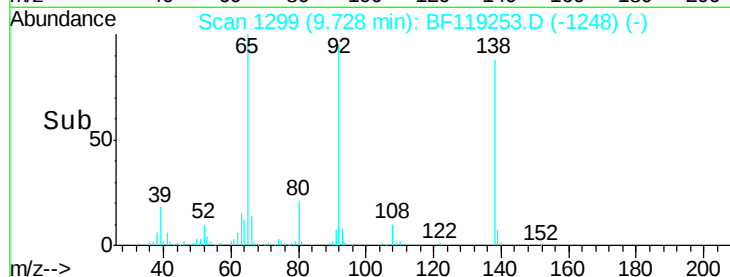
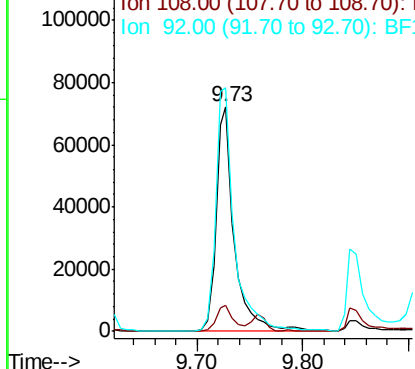


Abundance

Ion 138.00 (137.70 to 138.70): E

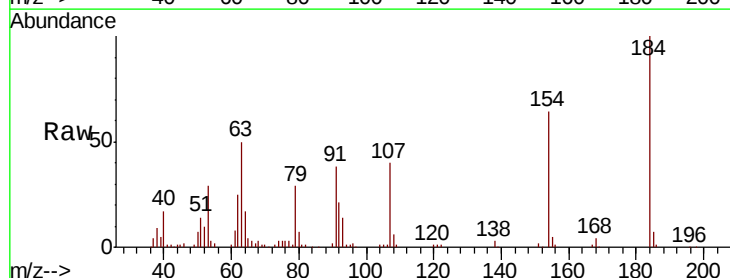
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 69.772 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.4	38.7	58.1
154	63.6	49.7	74.5

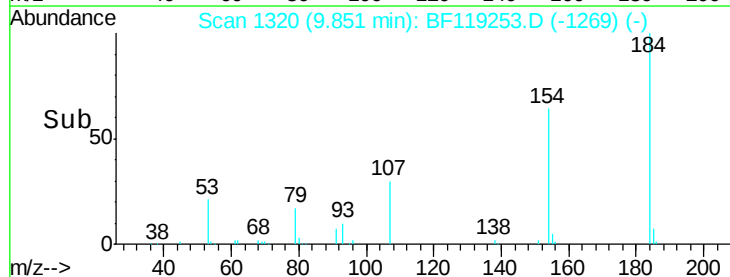
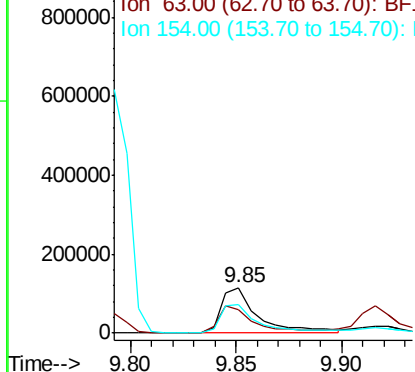


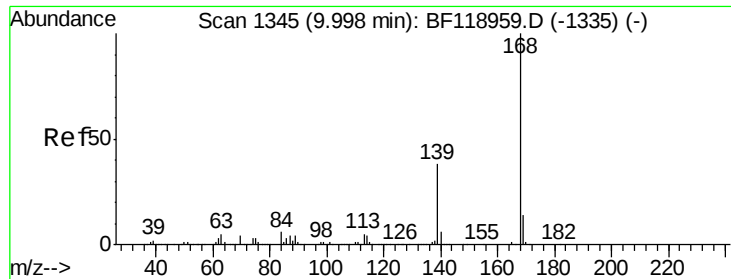
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





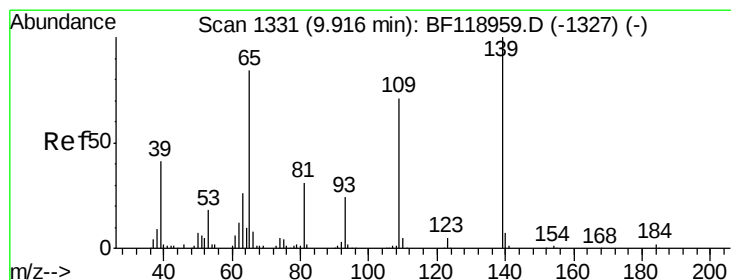
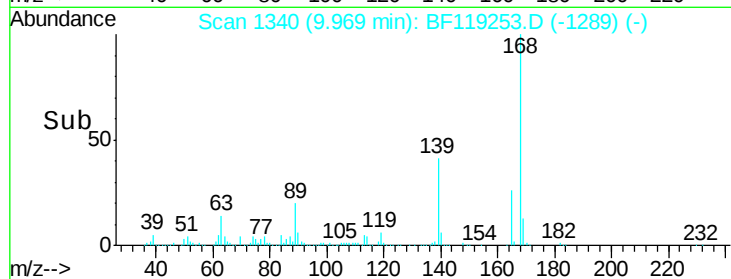
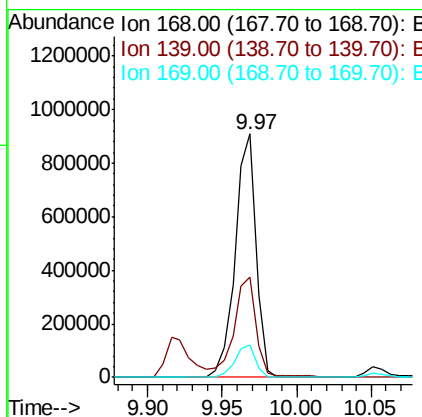
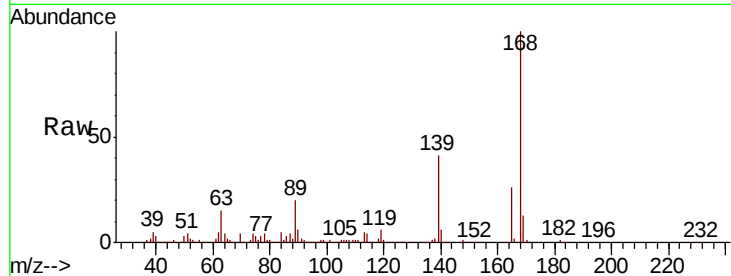
#55
Dibenzofuran
Concen: 42.523 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.1	34.0	51.0
169	13.2	11.0	16.4

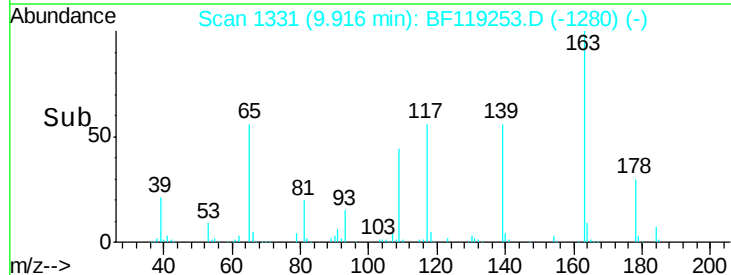
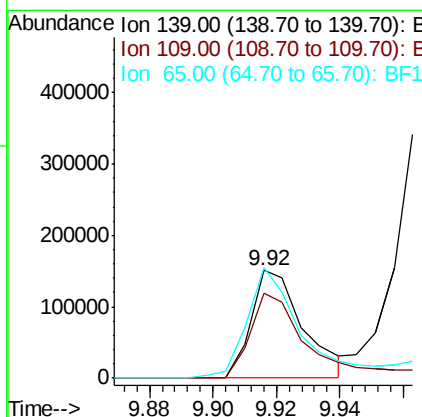
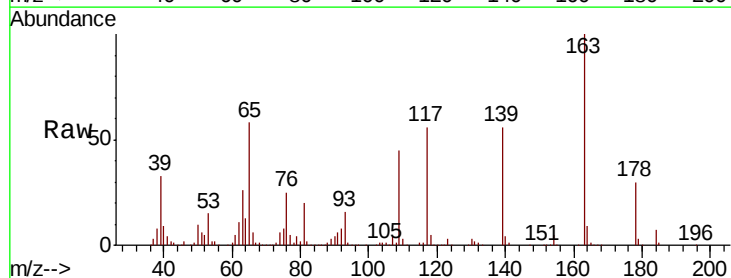
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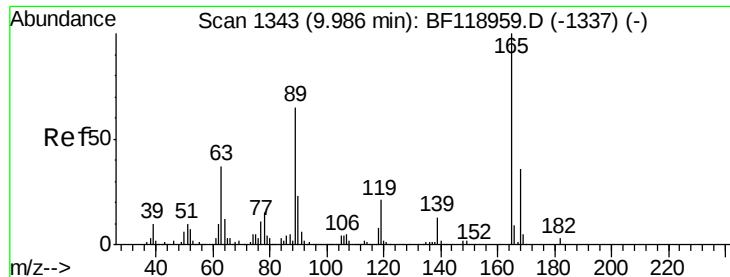
mohammad
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#56
4-Nitrophenol
Concen: 61.460 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.8	56.7	96.7
65	102.9	65.0	105.0





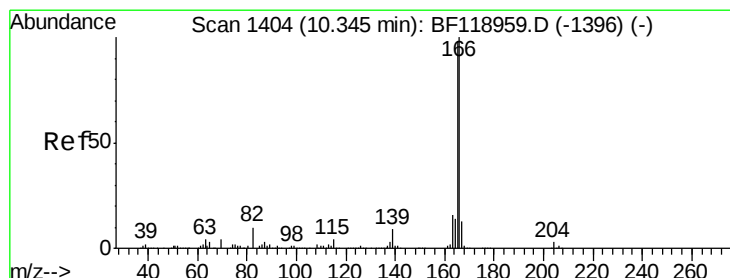
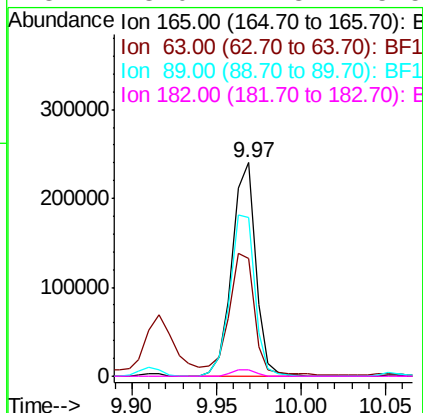
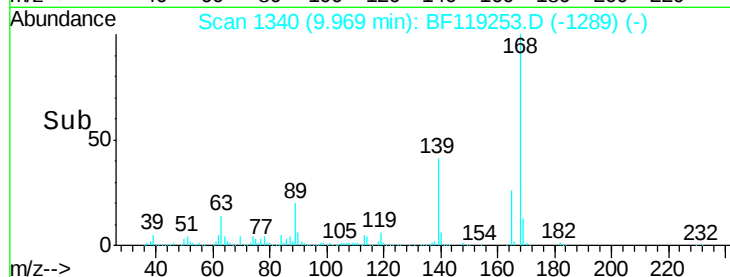
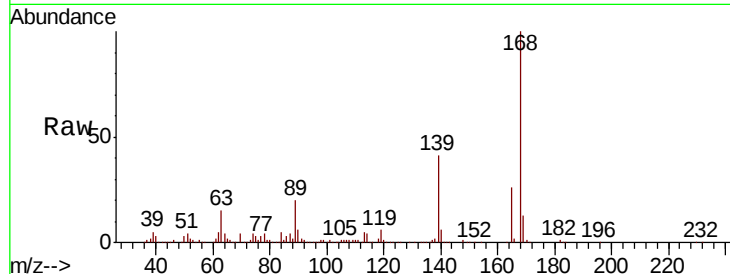
#57
2,4-Dinitrotoluene
Concen: 43.103 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		234688		
63	55.0	42.3	63.5		
89	74.6	60.2	90.4		
182	3.0	2.3	3.5		

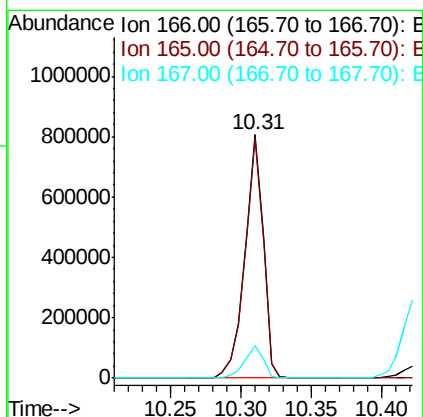
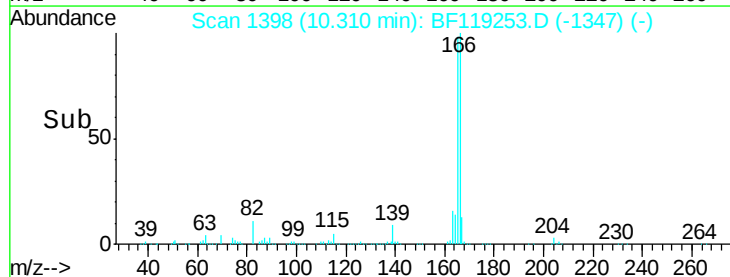
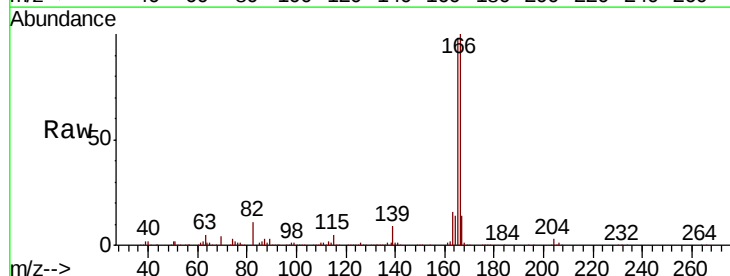
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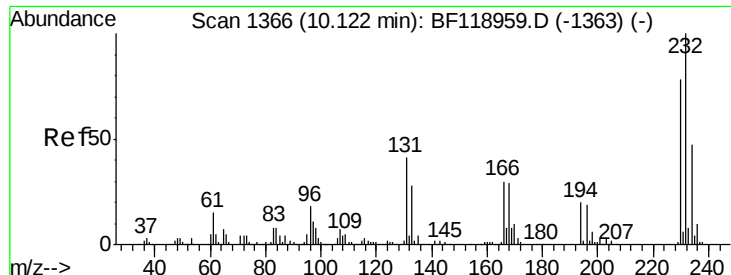
mohammad
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#58
Fluorene
Concen: 44.971 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		731511		
165	98.3	78.5	117.7		
167	13.5	11.0	16.4		





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.905 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tot Ion:232 Resp: 190676
Ion Ratio Lower Upper

232 100

131 42.4 33.8 50.8

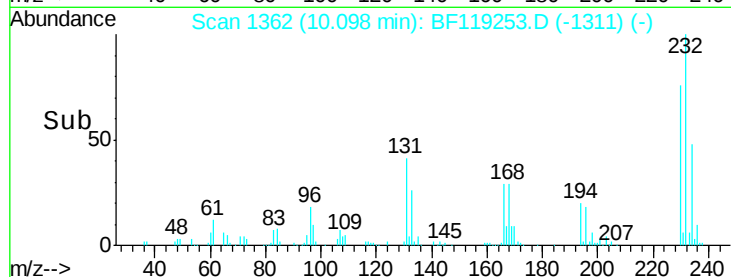
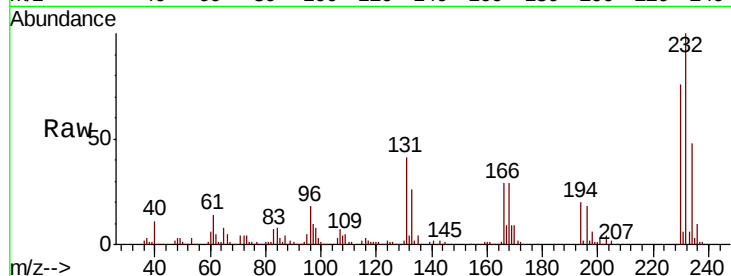
130 2.4 1.8 2.6

166 29.0 23.0 34.4

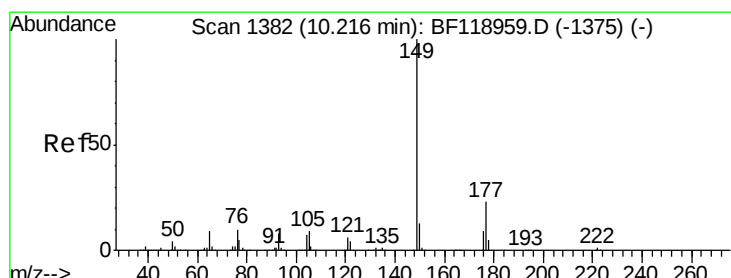
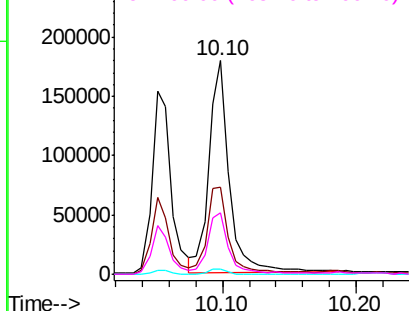
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.554 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BF119253.D

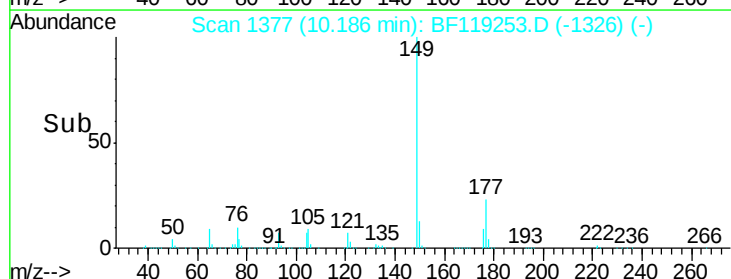
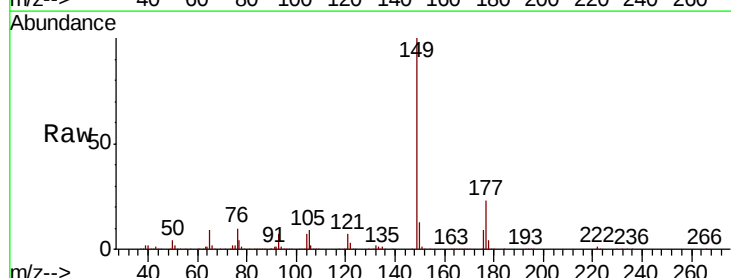
Acq: 6 Mar 2020 16:45

Tgt Ion:149 Resp: 776037
Ion Ratio Lower Upper

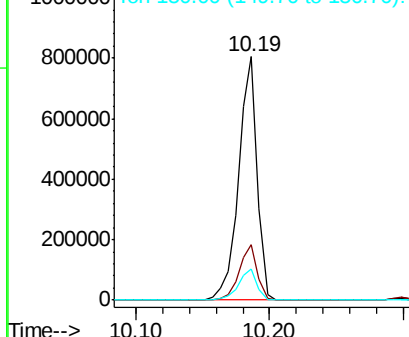
149 100

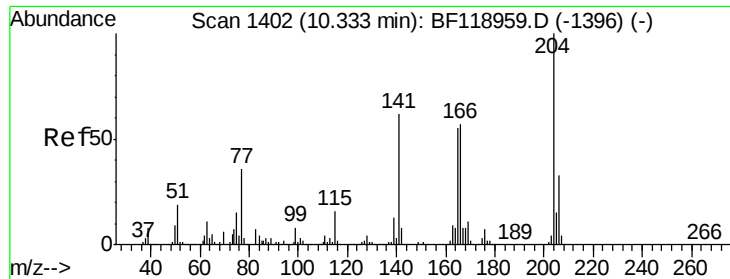
177 23.0 18.2 27.2

150 12.6 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





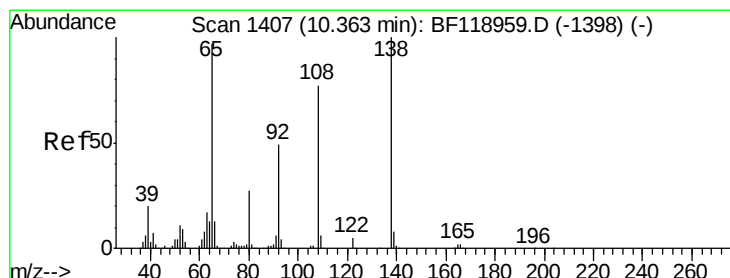
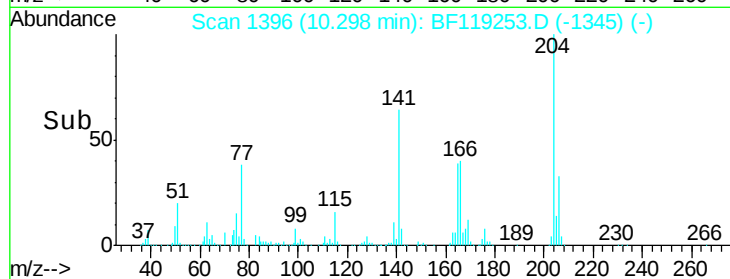
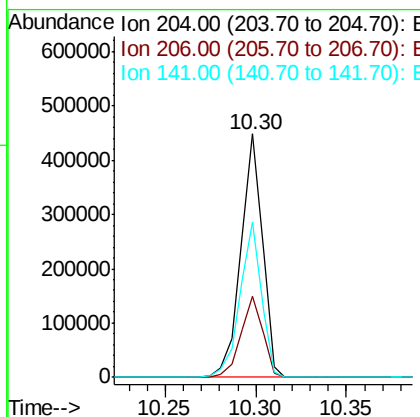
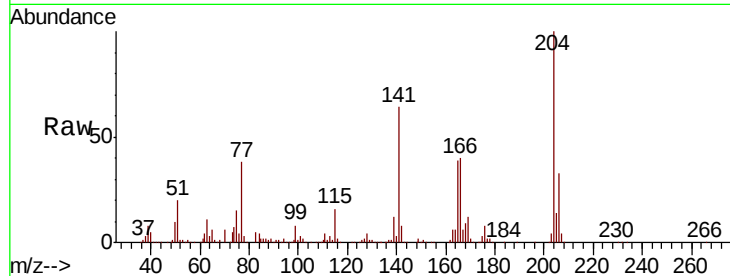
#61
4-Chlorophenyl-phenylether
Concen: 43.305 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	372858		
206	33.4	27.1	40.7	
141	63.6	52.9	79.3	

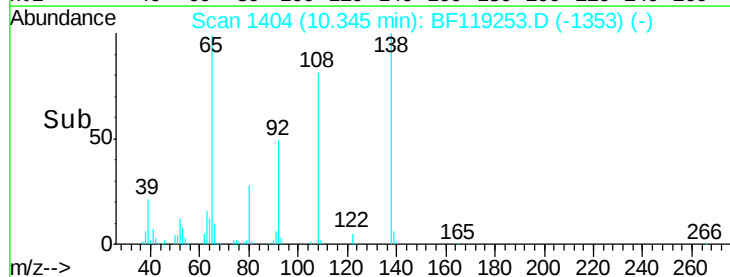
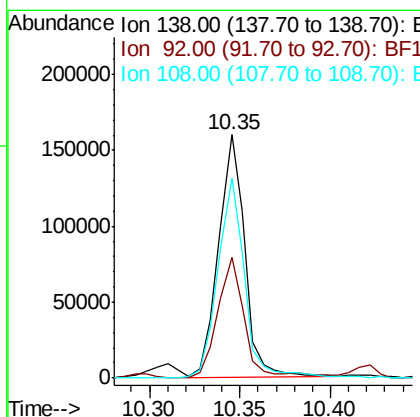
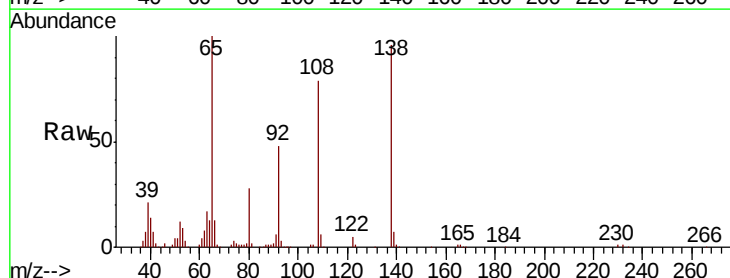
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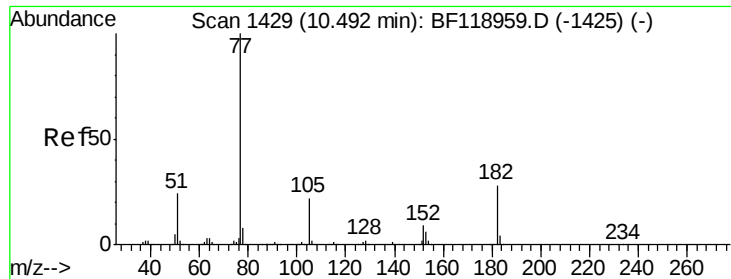
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#62
4-Nitroaniline
Concen: 33.794 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	161013		
92	49.5	27.3	67.3	
108	82.4	57.0	97.0	





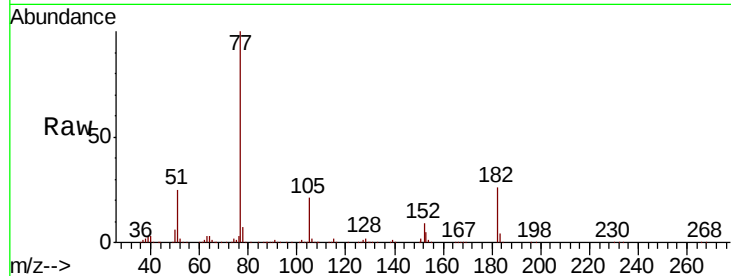
#63
Azobenzene
Concen: 45.006 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.0	11.4	51.4	
105	21.5	3.4	43.4	
51	25.0	5.1	45.1	

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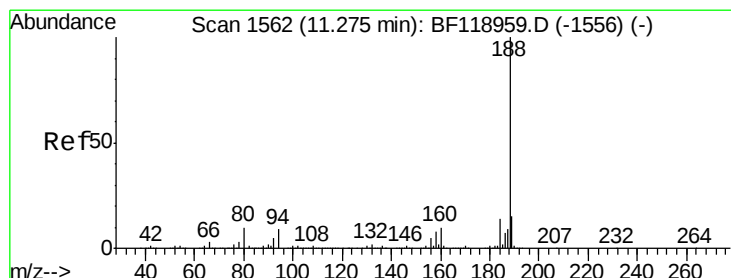
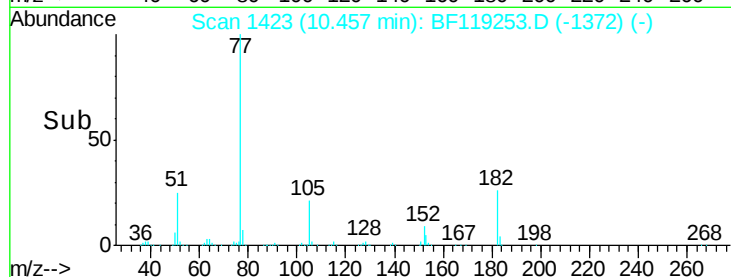
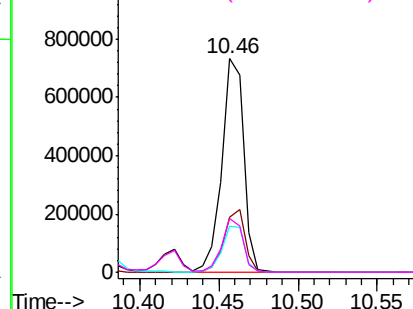


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



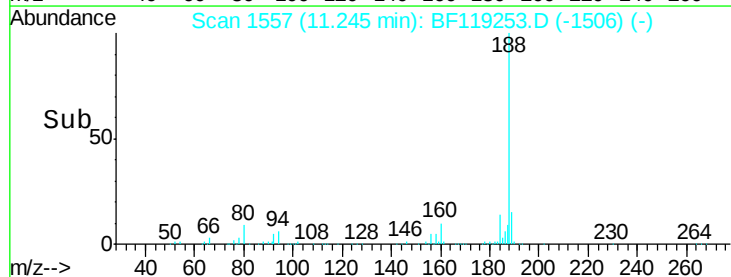
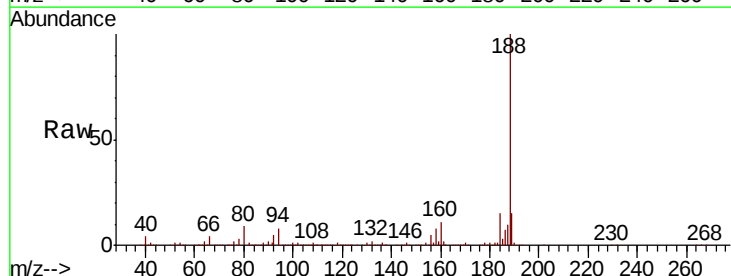
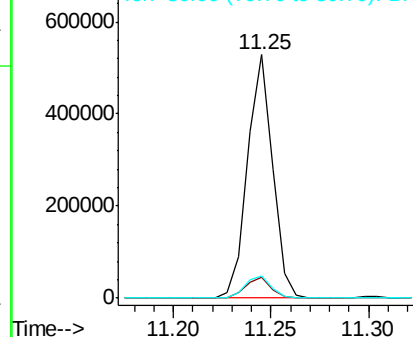
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

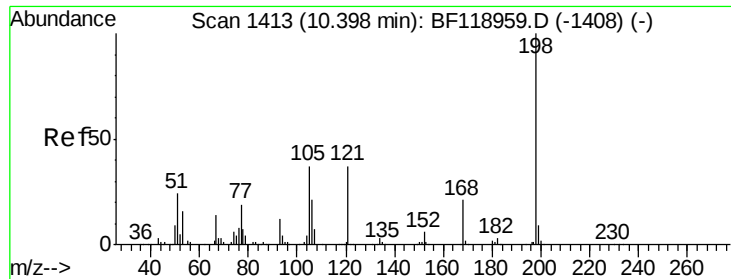
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.4	7.1	10.7	
80	9.2	7.8	11.8	

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.806 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

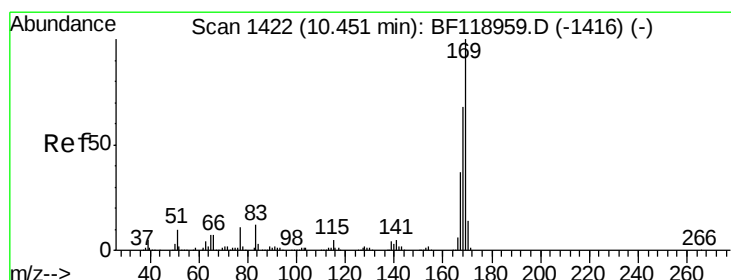
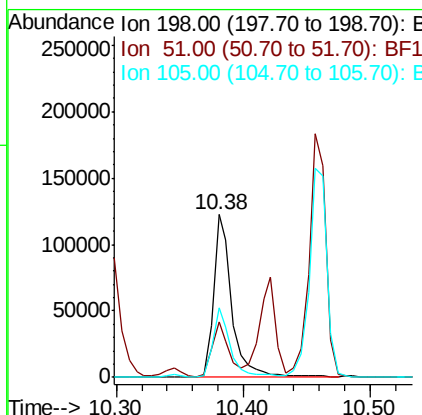
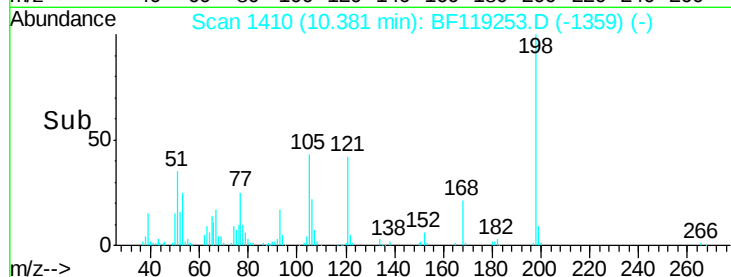
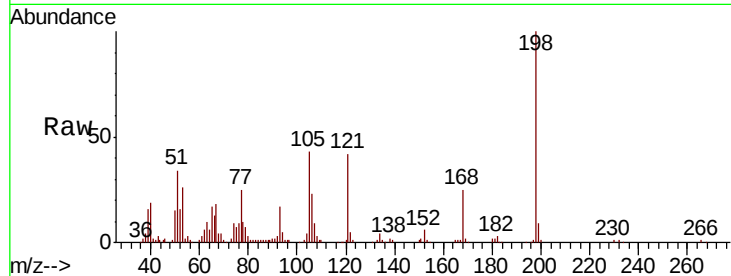
ClientSampled :

TP-3MSD

Tot Ion:	198	Resp:	125194
Ion Ratio	Lower	Upper	
198	100		
51	34.4	14.2	54.2
105	42.9	22.7	62.7

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#66

n-Nitrosodiphenylamine

Concen: 42.431 ng

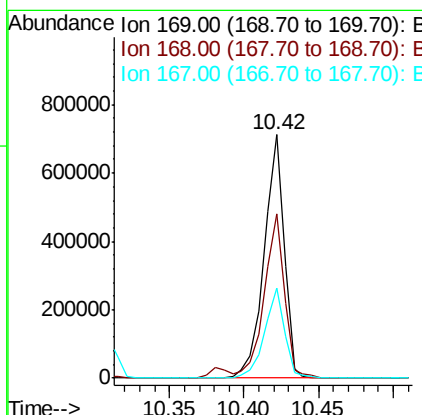
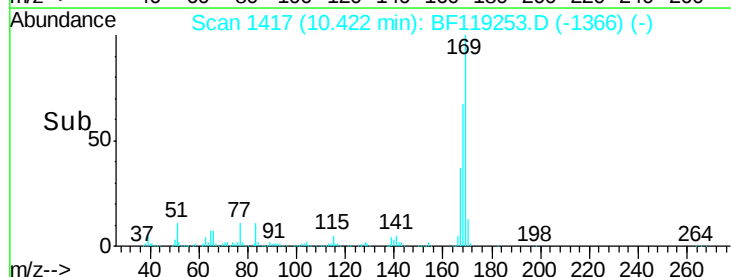
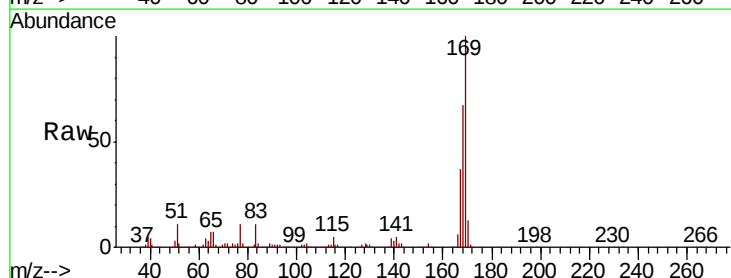
RT: 10.42 min Scan# 1417

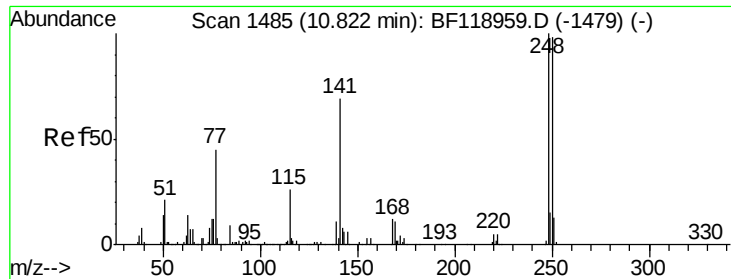
Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Tgt Ion:	169	Resp:	656177
Ion Ratio	Lower	Upper	
169	100		
168	67.4	54.1	81.1
167	36.8	29.4	44.0





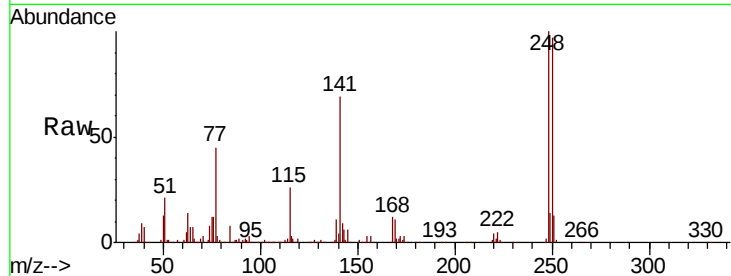
#67
4-Bromophenyl-phenylether
Concen: 40.346 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.7	115.1
141	69.2	60.7	91.1

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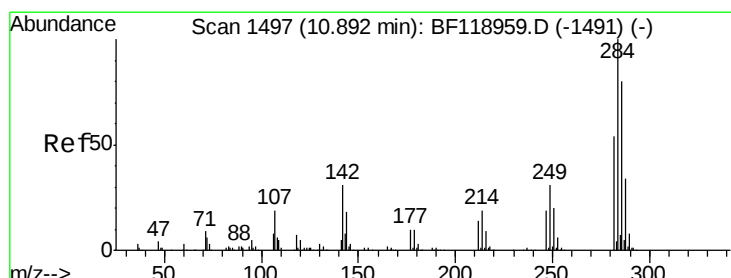
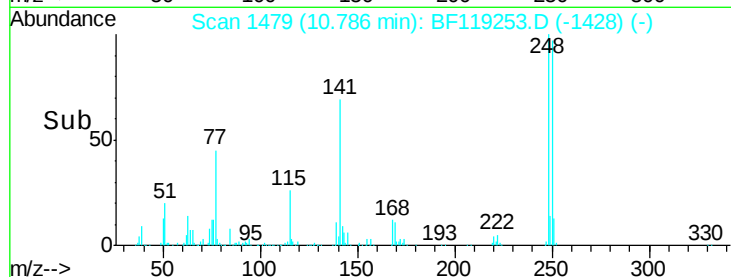
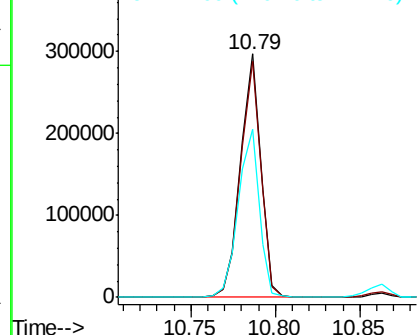


Abundance

Ion 248.00 (247.70 to 248.70): E

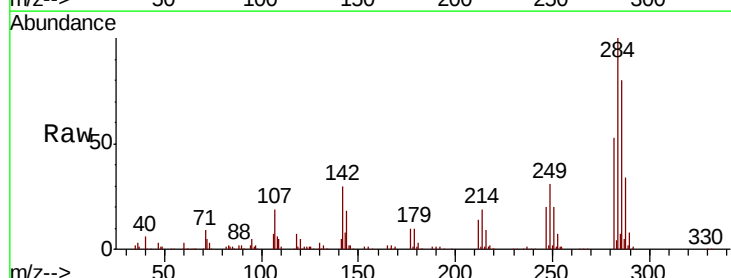
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.857 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	23.7	35.5
249	31.3	25.0	37.6

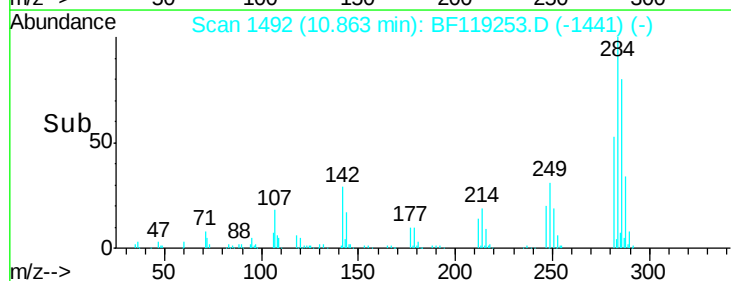
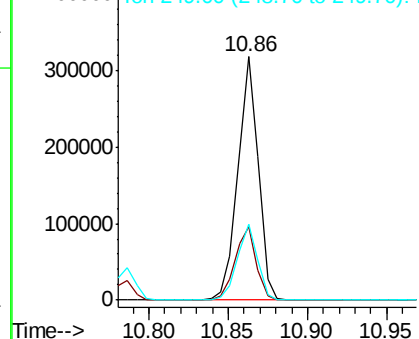


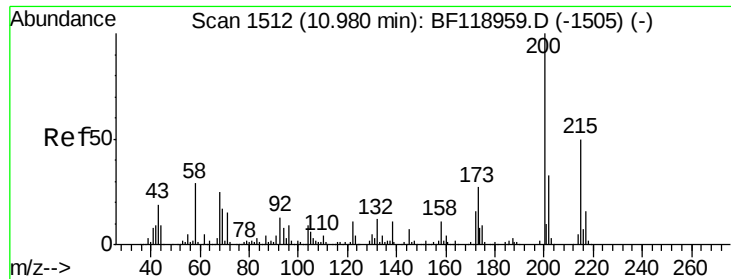
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





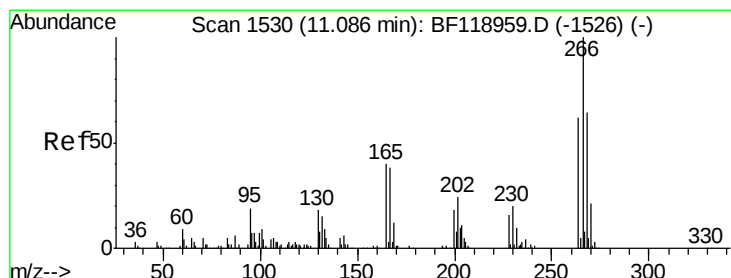
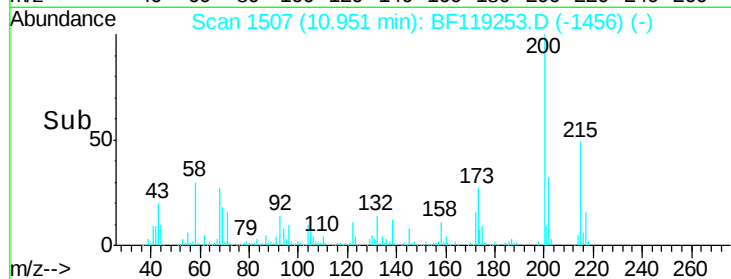
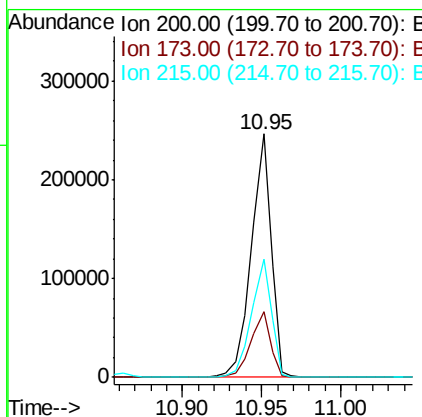
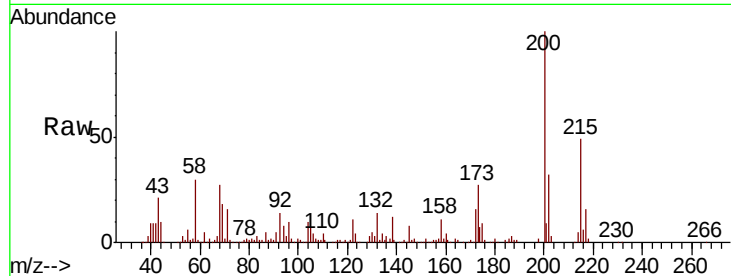
#69
Atrazine
 Concen: 39.752 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion:	200	Resp:	214790
Ion Ratio	Lower	Upper	
200	100		
173	27.1	6.4	46.4
215	48.6	27.4	67.4

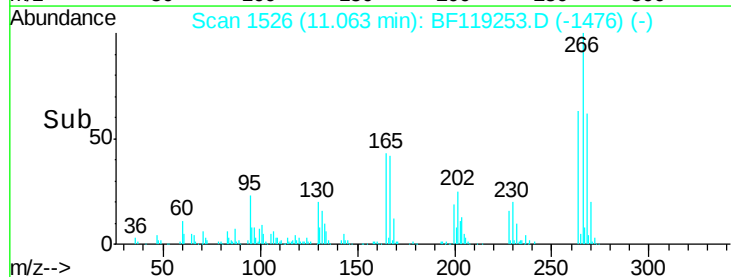
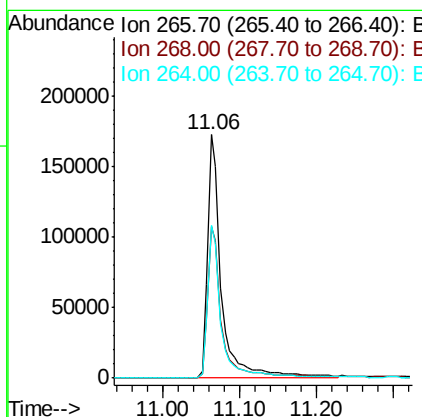
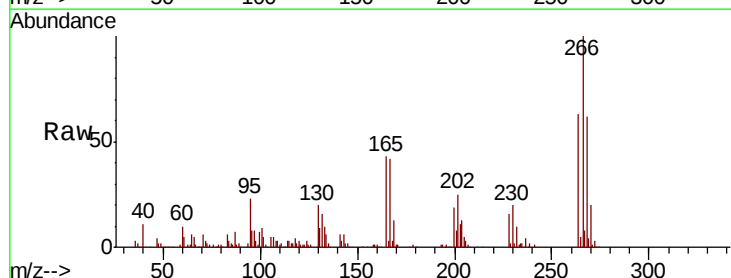
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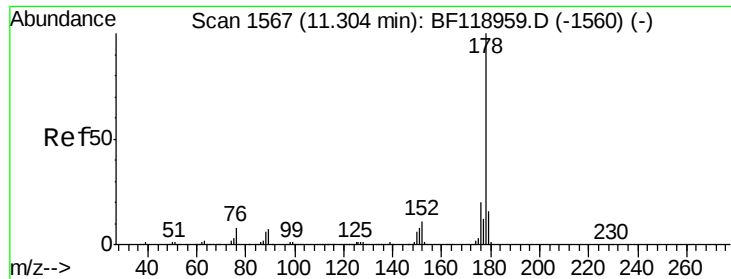
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#70
Pentachlorophenol
 Concen: 75.887 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Tgt Ion:	266	Resp:	217582
Ion Ratio	Lower	Upper	
266	100		
268	62.5	51.9	77.9
264	62.9	51.0	76.4





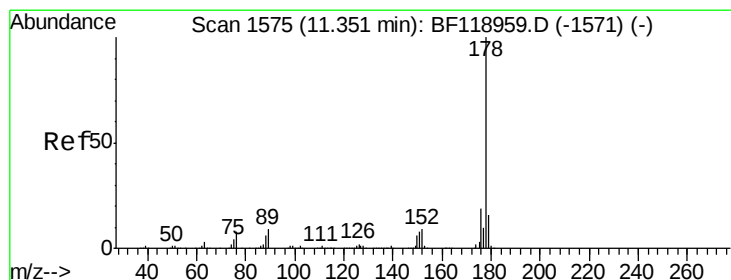
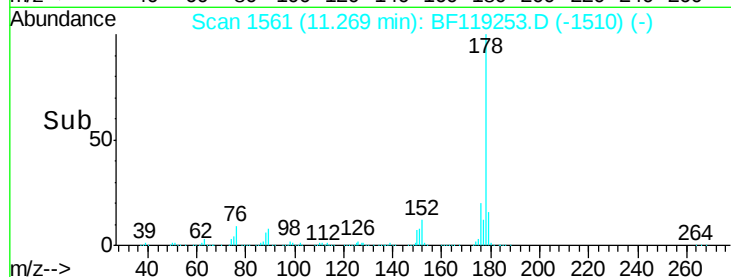
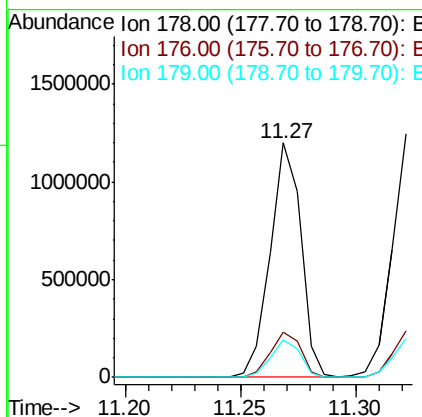
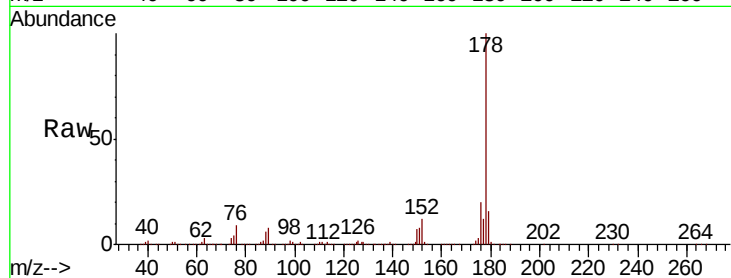
#71
Phenanthrene
Concen: 43.143 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion:178 Resp: 1111230
Ion Ratio Lower Upper
178 100
176 19.6 16.5 24.7
179 15.9 13.0 19.6

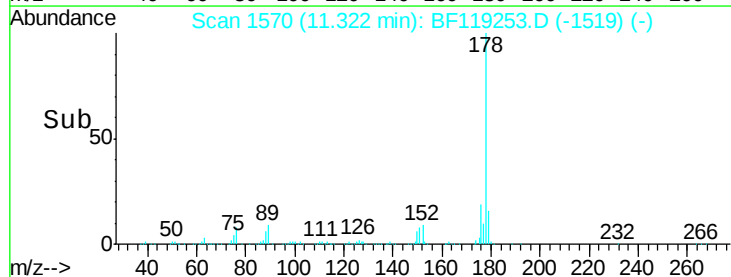
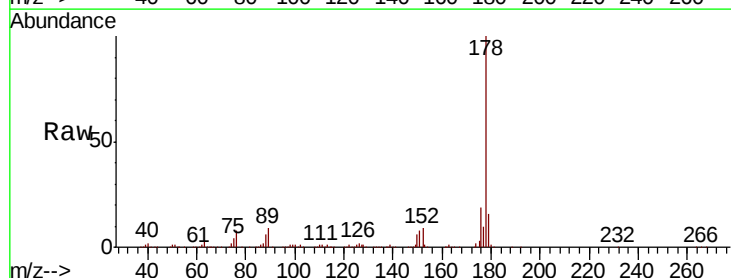
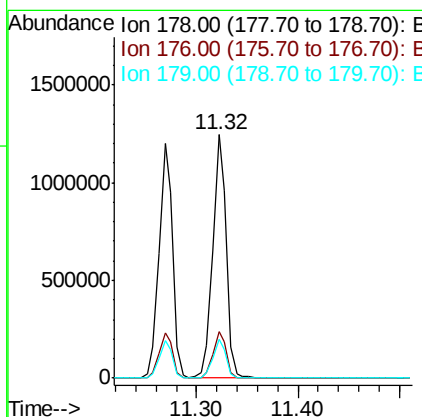
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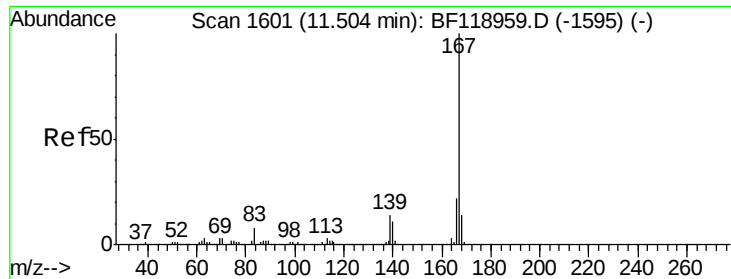
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#72
Anthracene
Concen: 44.749 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion:178 Resp: 1151622
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.9 13.1 19.7





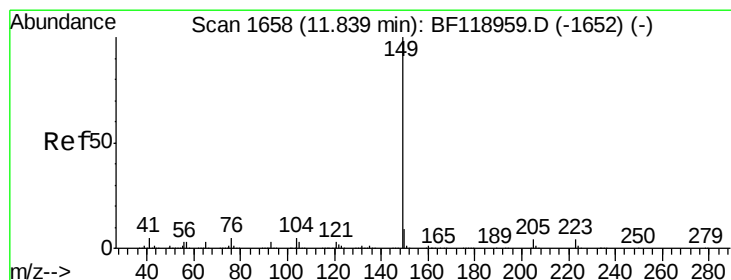
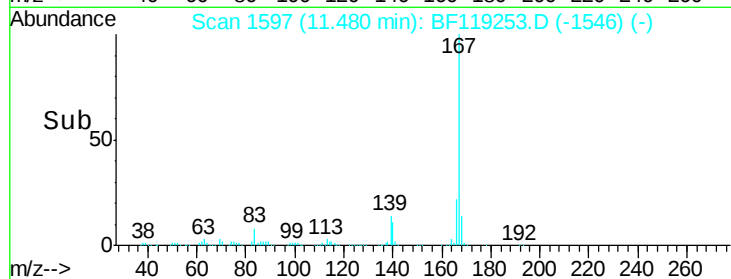
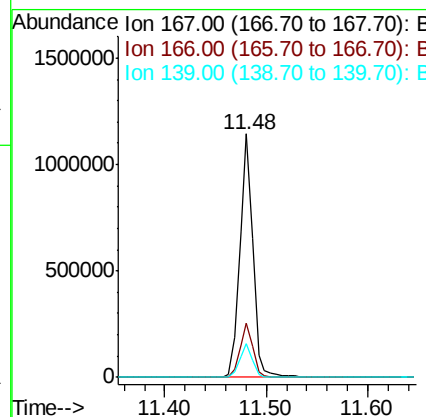
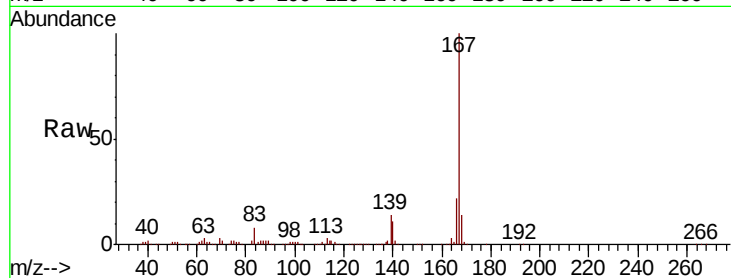
#73
 Carbazole
 Concen: 44.335 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.9	11.7	17.5

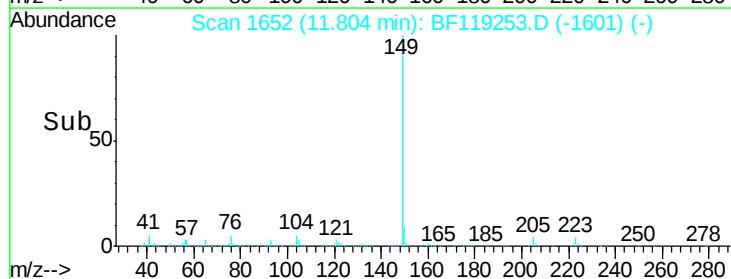
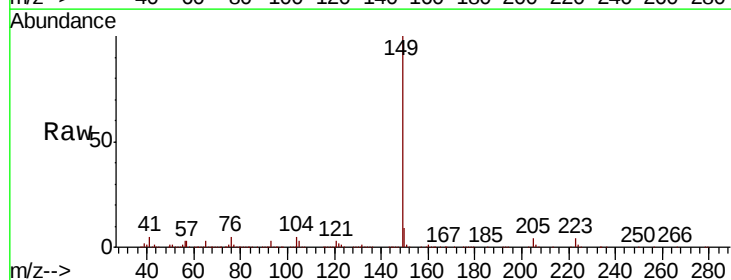
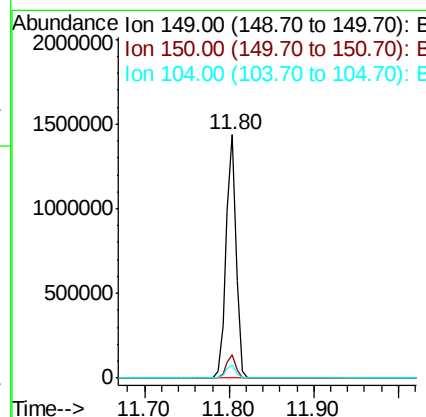
Manual Integrations
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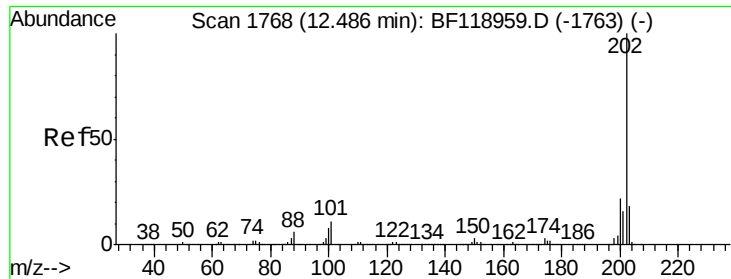
mohammad
 3/9/2020 3:09:14 PM



#74
 Di-n-butylphthalate
 Concen: 43.508 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.3	4.6	6.8





#75

Fluoranthene

Concen: 44.883 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

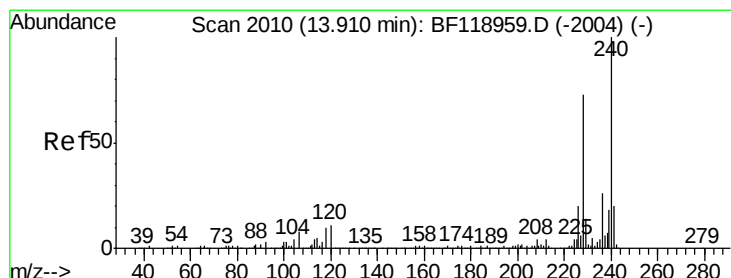
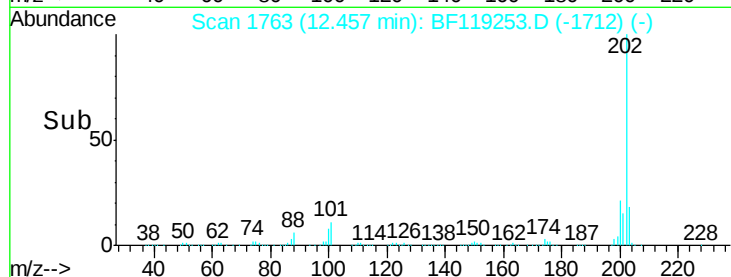
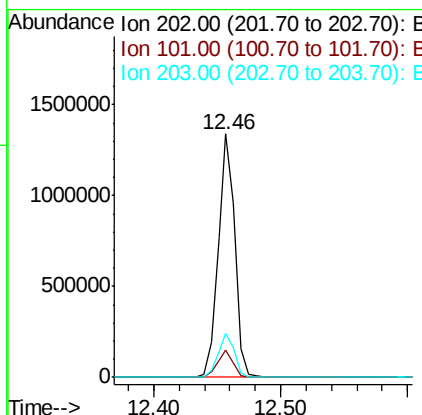
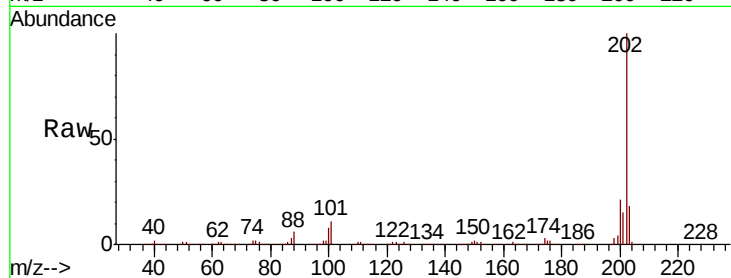
ClientSampleId :

TP-3MSD

Tot Ion:	202	Resp:	1227110
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.3
203	18.2	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

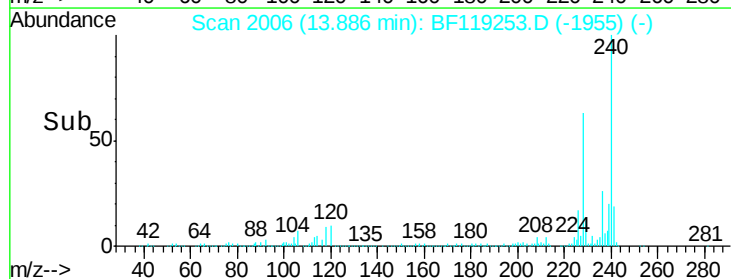
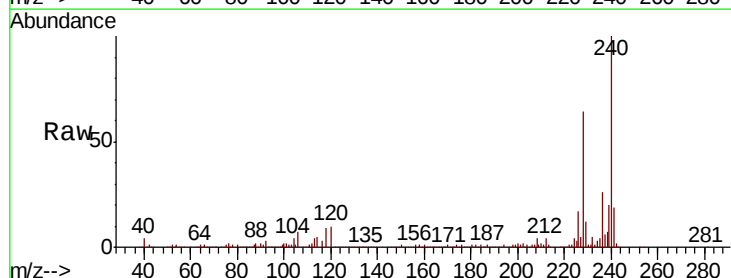
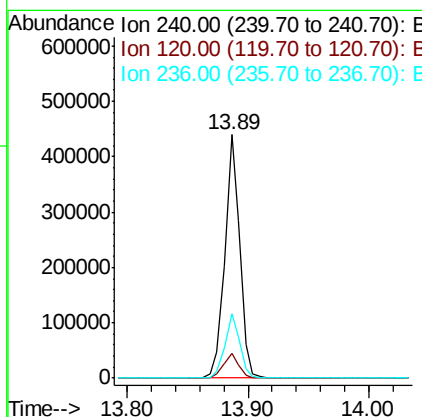
RT: 13.89 min Scan# 2006

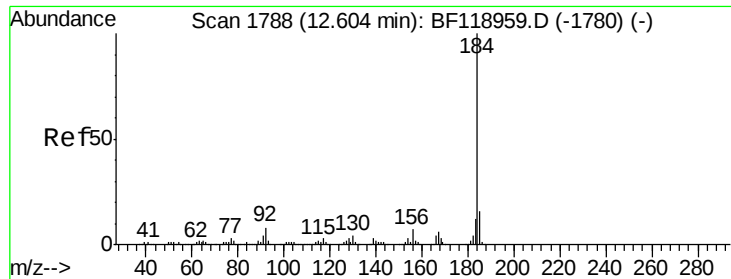
Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Tgt Ion:	240	Resp:	373708
Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	26.4	21.0	31.4





#77

Benzidine

Concen: 23.296 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tot Ion:184 Resp: 354059

Ion Ratio Lower Upper

184 100

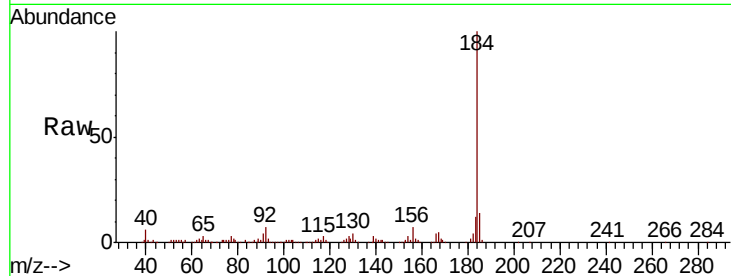
185 13.8 12.2 18.4

183 11.5 9.9 14.9

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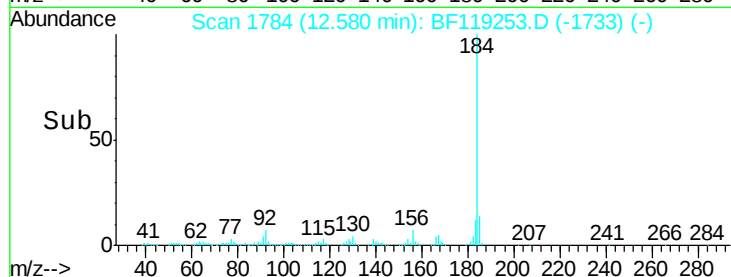
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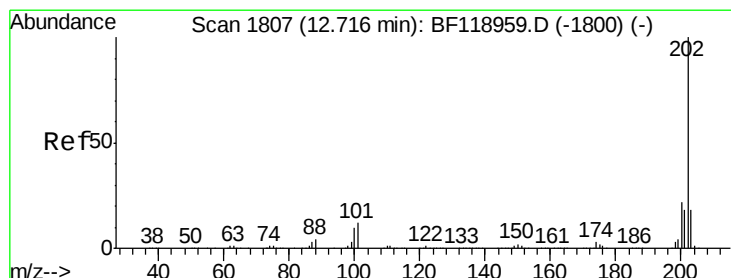


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

12.58



Time-->



#78

Pyrene

Concen: 41.285 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

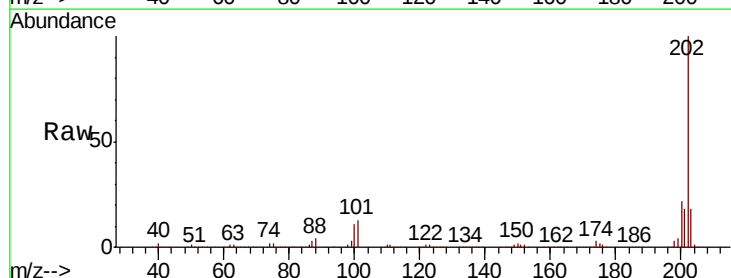
Tgt Ion:202 Resp: 1238885

Ion Ratio Lower Upper

202 100

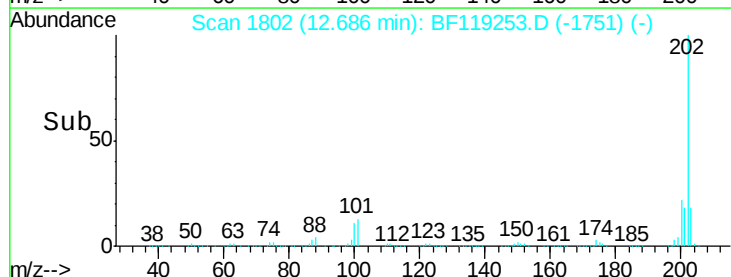
200 21.9 18.0 27.0

203 17.9 14.6 22.0

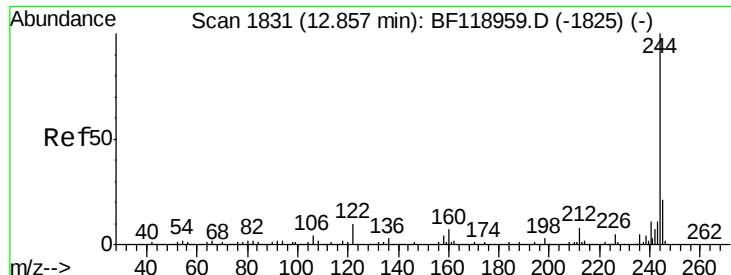


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

12.69



Time-->



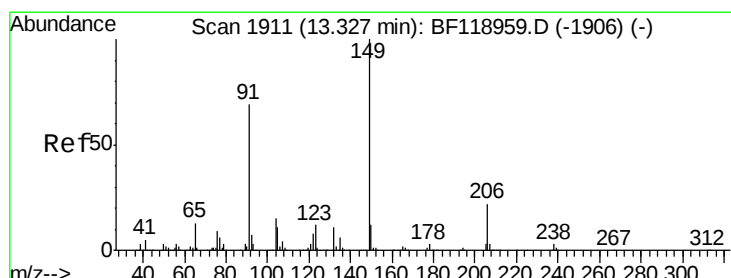
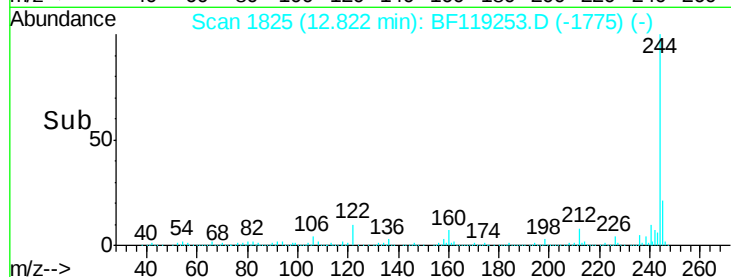
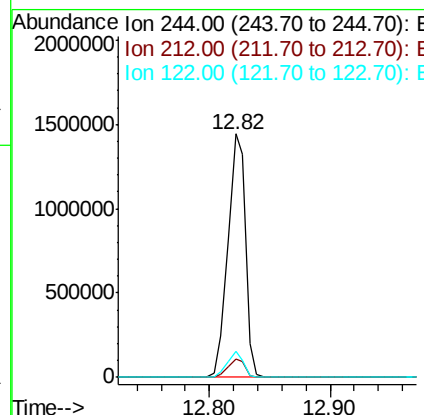
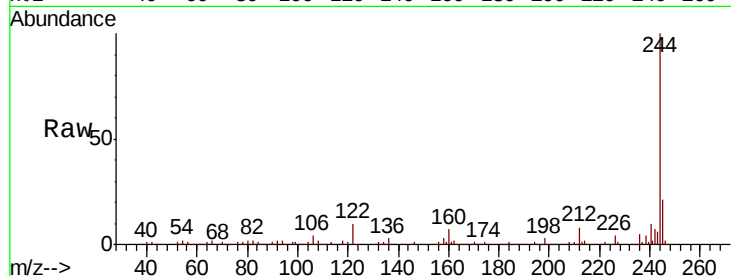
#79
 Terphenyl-d14
 Concen: 66.583 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	10.0
122	10.4	8.2	12.2

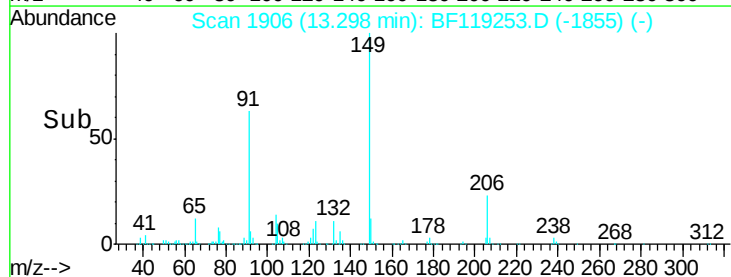
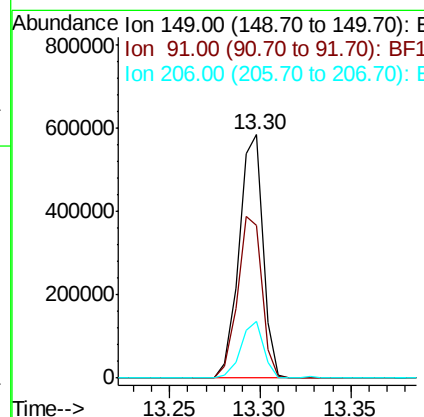
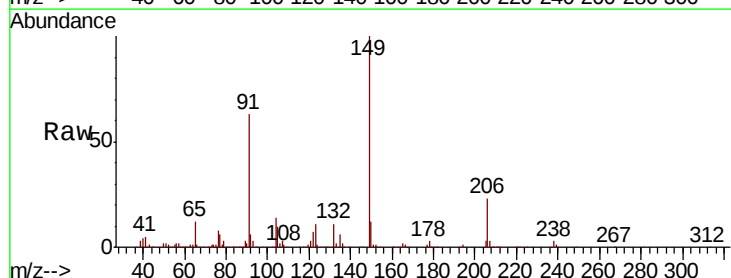
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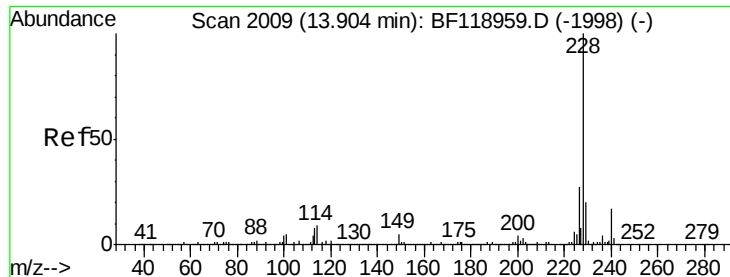
mohammad
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#80
 Butylbenzylphthalate
 Concen: 42.490 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.6	52.3	78.5
206	23.5	18.5	27.7





#81

Benzo(a)anthracene

Concen: 44.235 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

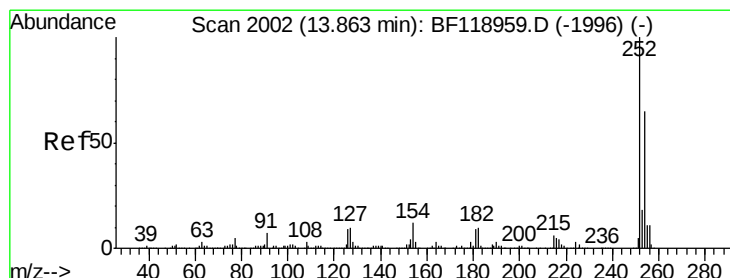
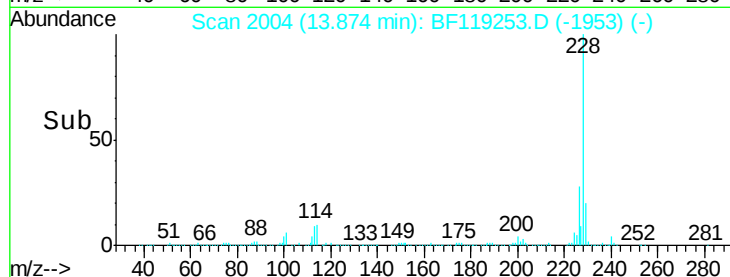
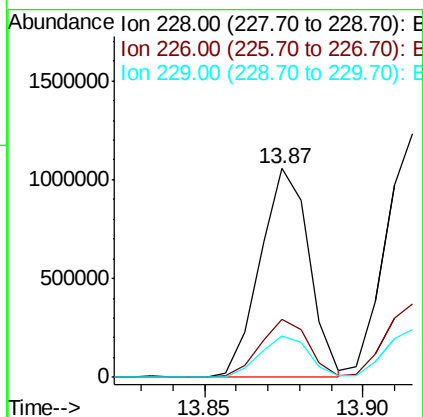
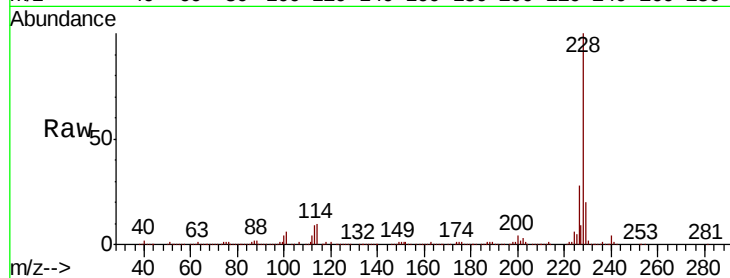
ClientSampleId :

TP-3MSD

Tot Ion:	228	Resp:	1126364
Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.1	16.6	24.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 27.463 ng

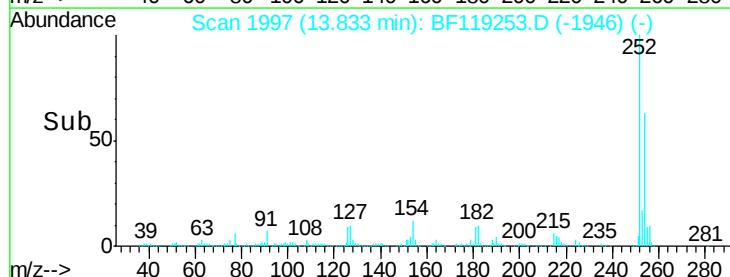
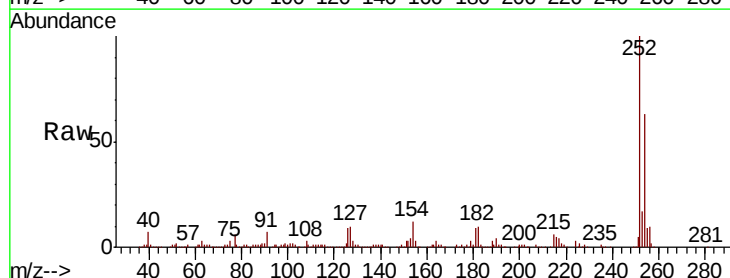
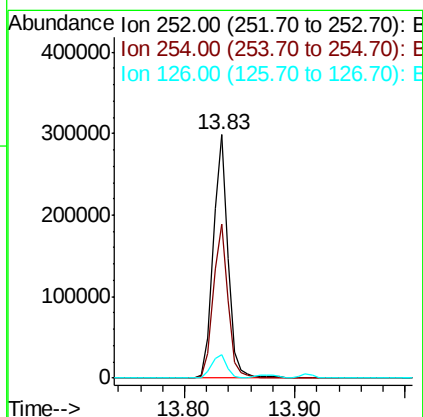
RT: 13.83 min Scan# 1997

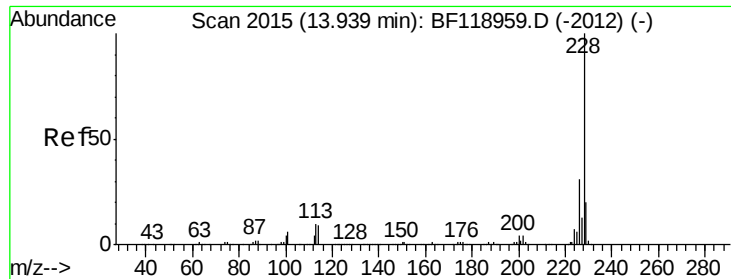
Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Tgt Ion:	252	Resp:	271542
Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.6	77.4
126	9.5	7.4	11.0





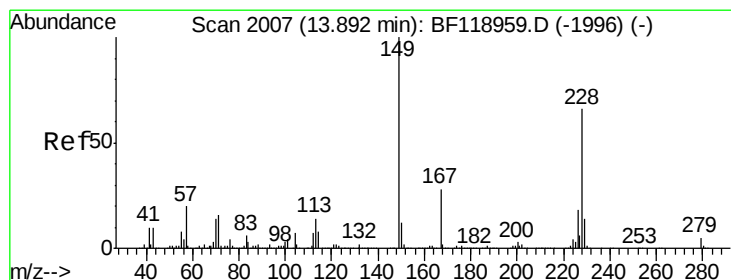
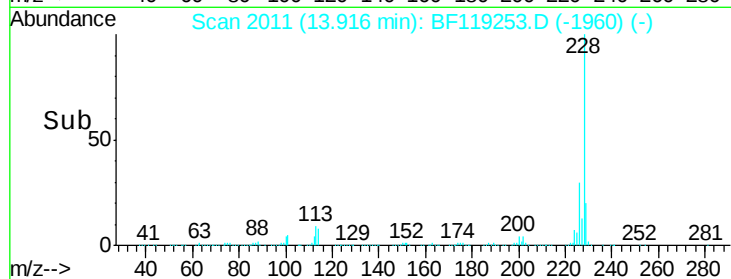
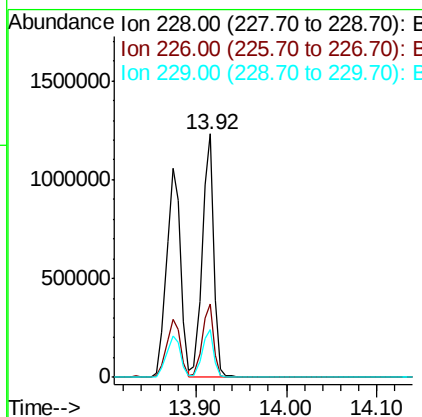
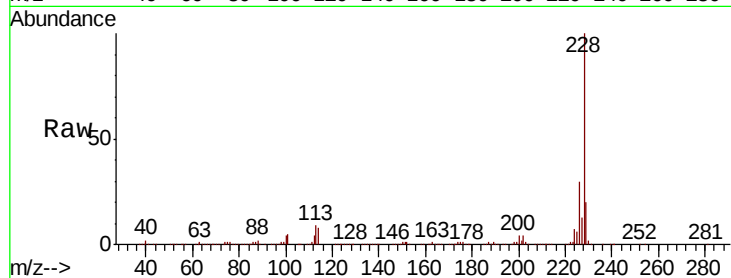
#83
 Chrysene
 Concen: 43.320 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	30.0	25.1	37.7	
229	19.6	16.3	24.5	

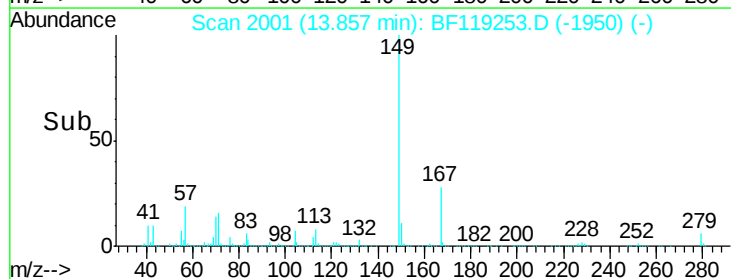
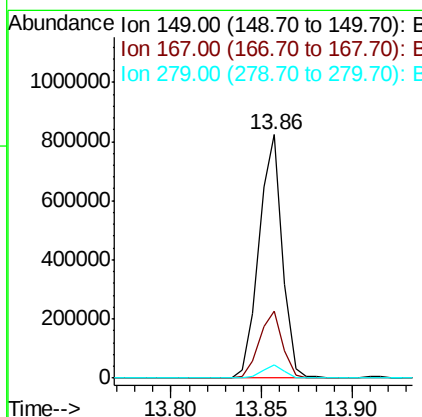
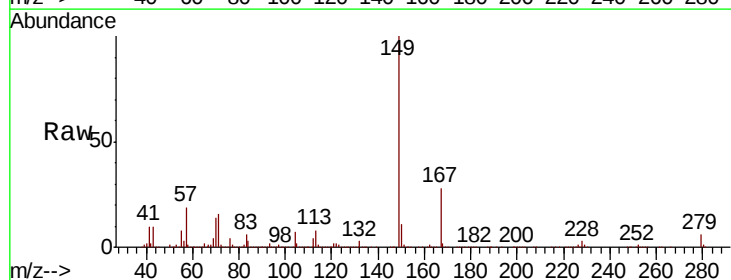
Manual Integrations
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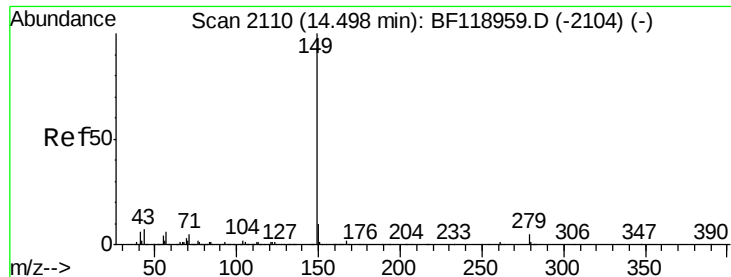
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.011 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	27.8	22.8	34.2	
279	5.5	4.6	6.8	





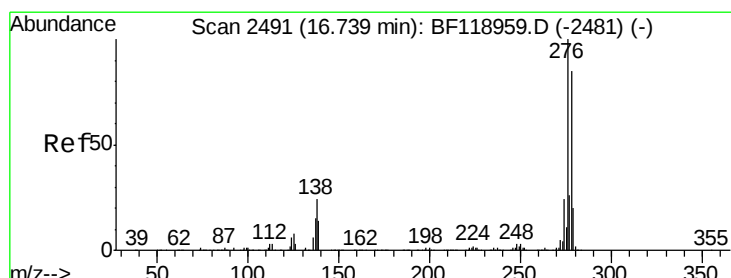
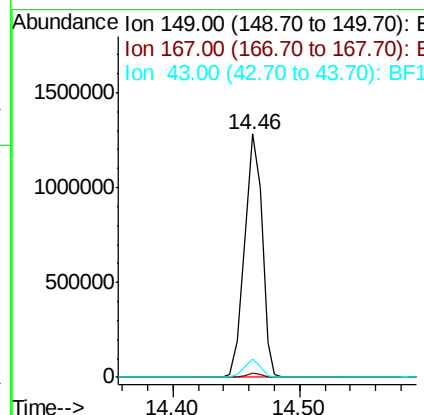
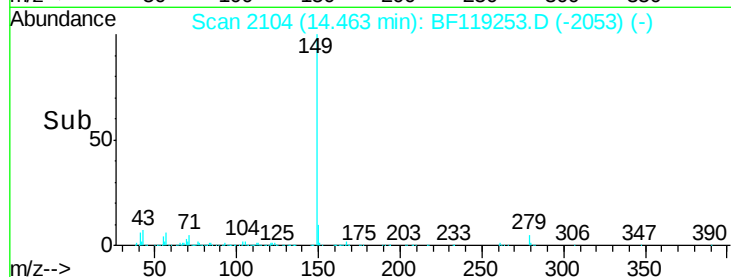
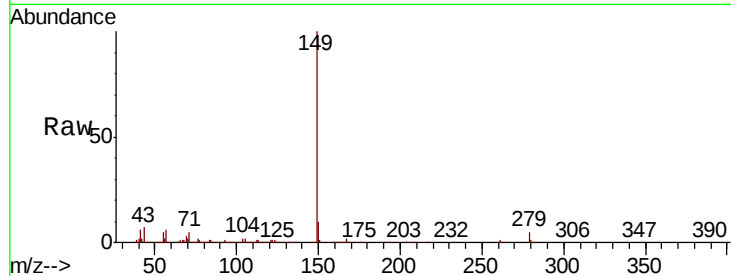
#85
Di-n-octyl phthalate
Concen: 47.731 ng
RT: 14.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion:149 Resp: 1213423
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 6.7 5.7 8.5

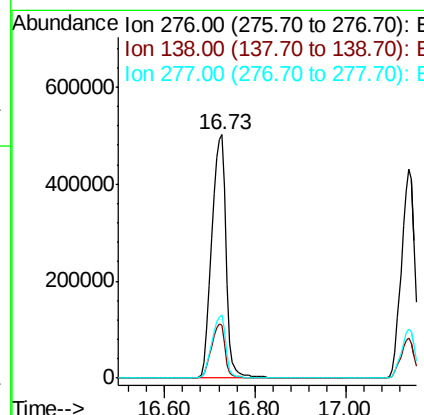
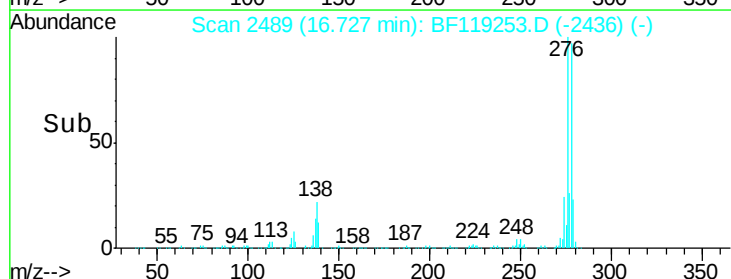
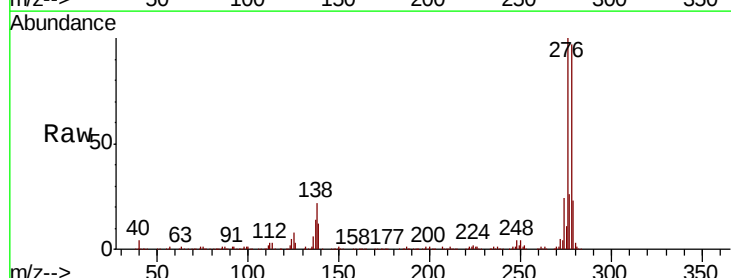
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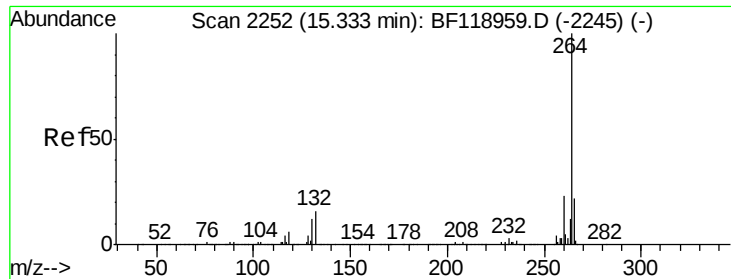
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.575 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion:276 Resp: 1144211
Ion Ratio Lower Upper
276 100
138 21.3 17.4 26.0
277 25.4 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

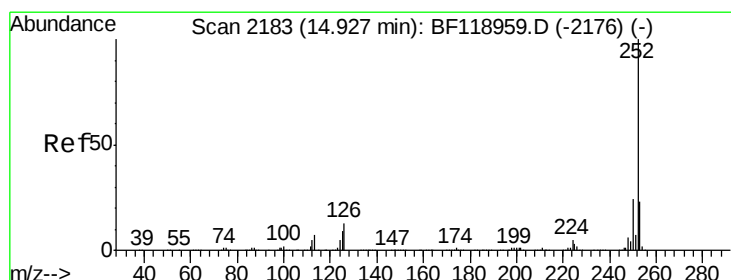
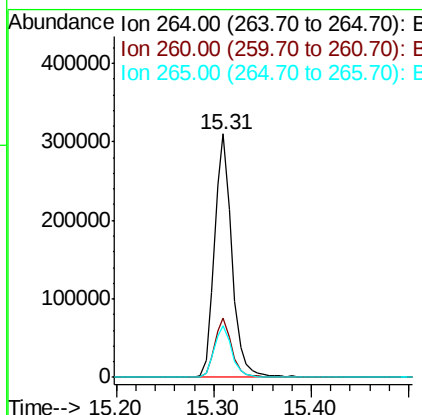
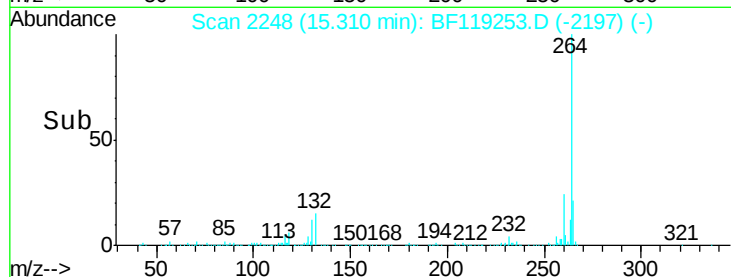
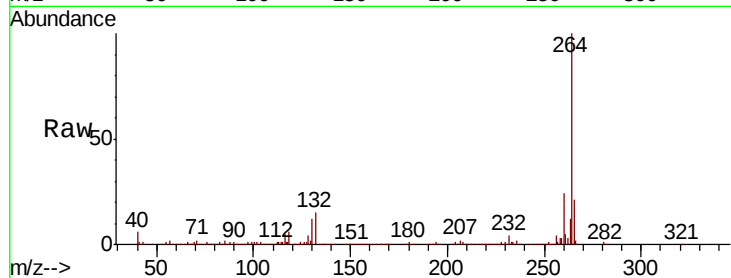
ClientSampleId :

TP-3MSD

Tot Ion:	264	Resp:	382757
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.2
265	21.4	17.7	26.5

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 46.160 ng

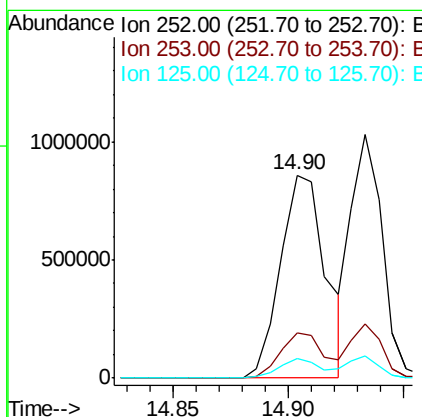
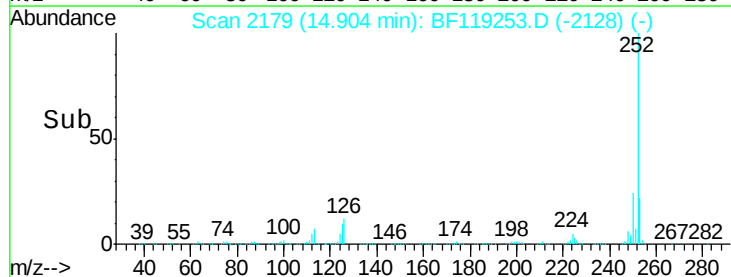
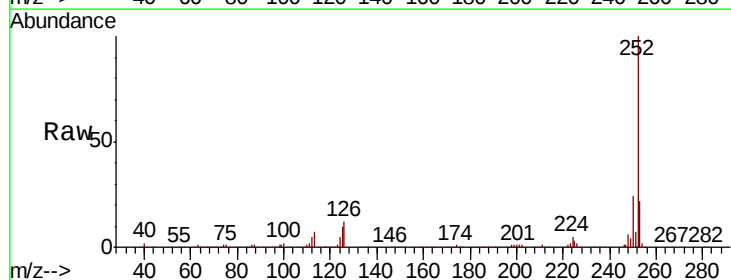
RT: 14.90 min Scan# 2179

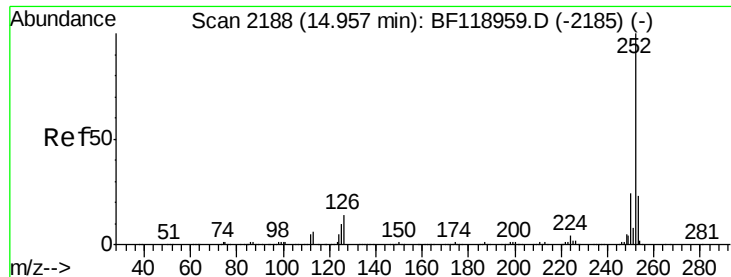
Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Tgt Ion:	252	Resp:	1164578
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.1	27.1
125	9.7	7.4	11.0





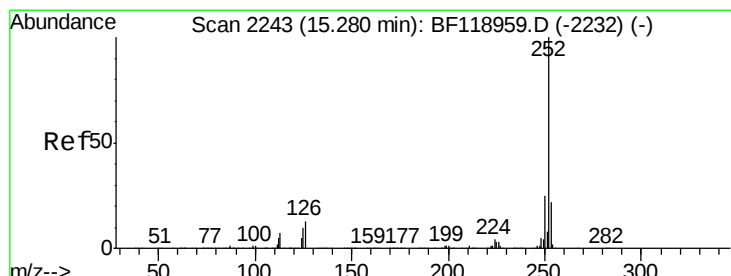
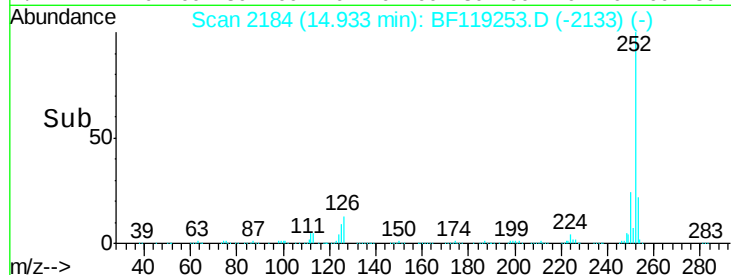
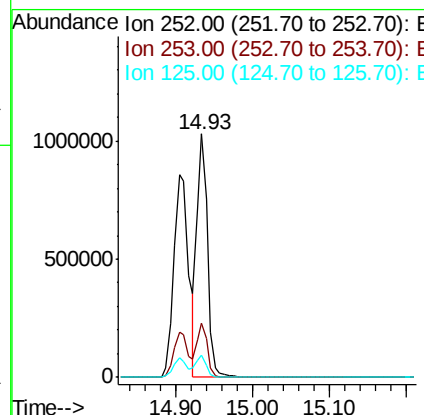
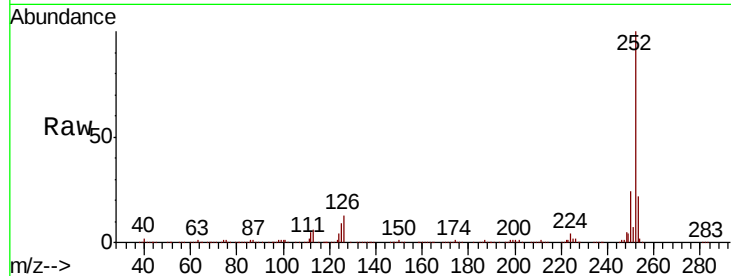
#89
Benzo(k)fluoranthene
Concen: 42.353 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampled :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	9.2	7.5	11.3

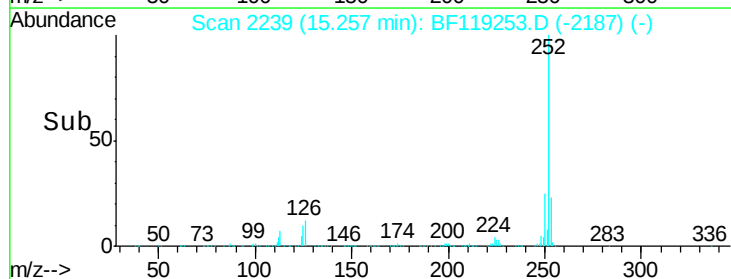
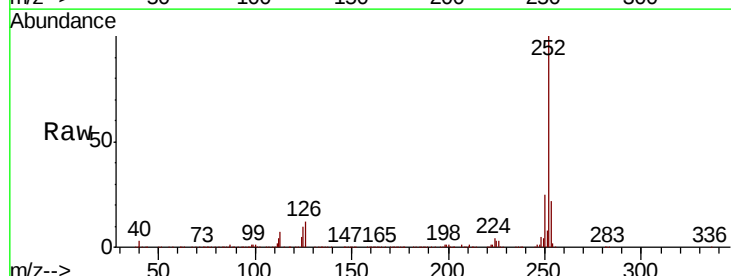
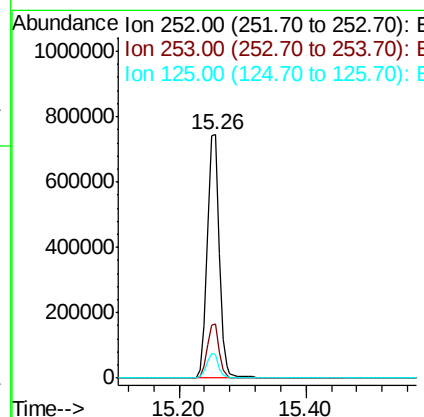
Manual Integrations
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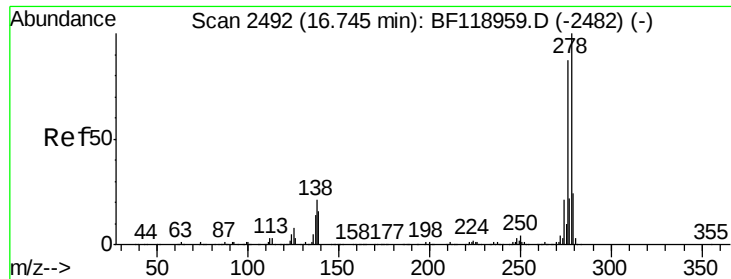
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#90
Benzo(a)pyrene
Concen: 42.300 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	9.6	8.6	12.8





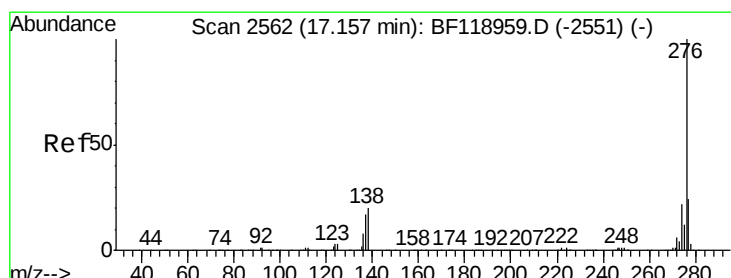
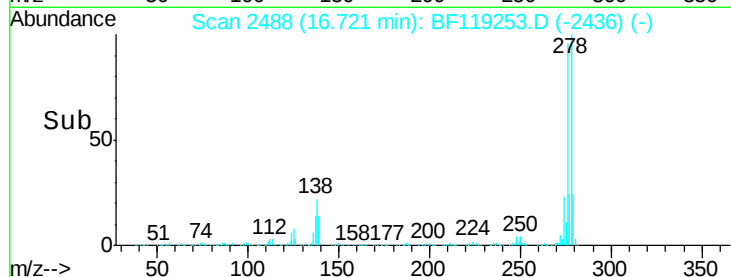
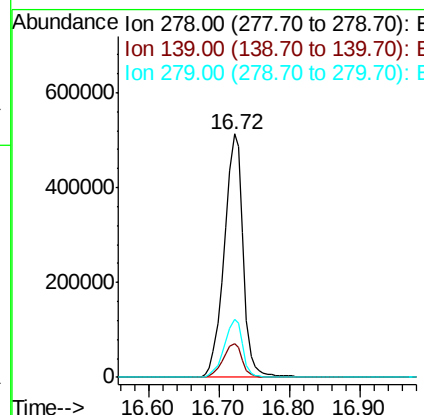
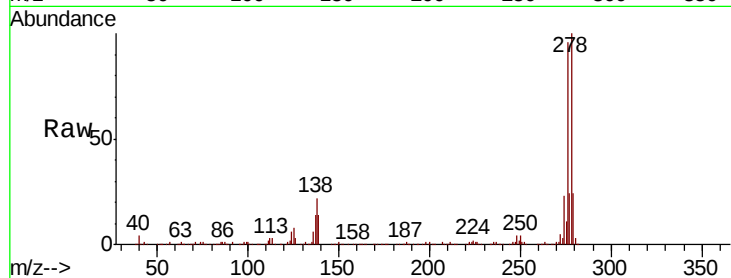
#91
Dibenzo(a,h)anthracene
Concen: 47.669 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.0	16.4
279	24.0	18.6	28.0

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 48.742 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	19.1	14.3	21.5

