

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120898.D
 Acq On : 16 Jul 2020 21:25
 Operator : JU/CG
 Sample : L3315-07MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

Manual Integrations
 APPROVED

mohammad
 7/17/2020 12:30:22 PM

Quant Time: Jul 17 02:28:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	162143	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	642549	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	347272	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	679406	20.00	ng	0.00
76) Chrysene-d12	13.97	240	541591	20.00	ng	0.00
86) Perylene-d12	15.42	264	567285	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	975348	98.61	ng	0.00
7) Phenol-d6	6.45	99	1225176	95.90	ng	0.00
23) Nitrobenzene-d5	7.38	82	754622	67.96	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	392675	103.30	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1432905	61.61	ng	0.00
79) Terphenyl-d14	12.92	244	1568075	62.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	185246	40.696	ng	99
3) Pyridine	3.30	79	512515	42.325	ng	99
4) n-Nitrosodimethylamine	3.25	42	236337	45.643	ng	96
6) Aniline	6.47	93	528745	31.704	ng	98
8) 2-Chlorophenol	6.60	128	509923	46.800	ng	99
9) Benzaldehyde	6.36	77	137756	18.958	ng	98
10) Phenol	6.46	94	623462	44.361	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	473869	43.995	ng	99
12) 1,3-Dichlorobenzene	6.76	146	509416	43.116	ng	97
13) 1,4-Dichlorobenzene	6.83	146	512410	43.615	ng	99
14) 1,2-Dichlorobenzene	6.99	146	499036	44.900	ng	98
15) Benzyl Alcohol	6.96	79	394052	43.613	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	664663	42.813	ng	100
17) 2-Methylphenol	7.07	107	403649	41.797	ng	99
18) Hexachloroethane	7.33	117	191886	45.126	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	315933	43.487	ng	99
20) 3+4-Methylphenols	7.22	107	454830	37.023	ng	93
22) Acetophenone	7.23	105	598775	41.522	ng	98
24) Nitrobenzene	7.40	77	507608	42.412	ng	98
25) Isophorone	7.64	82	937667	42.309	ng	100
26) 2-Nitrophenol	7.72	139	267131	46.995	ng	97
27) 2,4-Dimethylphenol	7.75	122	432203	46.831	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	601672	44.475	ng	100
29) 2,4-Dichlorophenol	7.96	162	420763	44.616	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	444448	42.478	ng	99
31) Naphthalene	8.12	128	1382520	41.946	ng	100
32) Benzoic acid	7.88	122	341022	49.224	ng	91
33) 4-Chloroaniline	8.17	127	313162	21.299	ng	97
34) Hexachlorobutadiene	8.24	225	254336	41.234	ng	99
35) Caprolactam	8.54	113	141949m	46.936	ng	
36) 4-Chloro-3-methylphenol	8.65	107	441760	45.674	ng	97
37) 2-Methylnaphthalene	8.81	142	949619	44.373	ng	98
38) 1-Methylnaphthalene	8.91	142	912696	45.030	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	403132	39.843	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	459747	82.215	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	317808	44.611	nq	100
44) 2,4,5-Trichlorophenol	9.13	196	340970	42.194	nq	96
46) 1,1'-Biphenyl	9.27	154	1121511	42.337	nq	100
47) 2-Chloronaphthalene	9.30	162	864770	40.041	nq	99
48) 2-Nitroaniline	9.39	65	287789	44.093	nq	99
49) Acenaphthylene	9.72	152	1437527	42.845	nq	100
50) Dimethylphthalate	9.58	163	1291240	51.539	nq	99
51) 2,6-Dinitrotoluene	9.64	165	249484	46.351	nq	91
52) Acenaphthene	9.89	154	989323m	46.379	nq	
53) 3-Nitroaniline	9.80	138	172105	25.495	nq	99
54) 2,4-Dinitrophenol	9.91	184	233099	75.644	nq	92
55) Dibenzofuran	10.06	168	1315275	42.638	nq	98
56) 4-Nitrophenol	9.97	139	464624	90.606	nq	99
57) 2,4-Dinitrotoluene	10.04	165	343998	48.667	nq	93
58) Fluorene	10.40	166	940642	40.886	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	294847	47.922	nq	98
60) Diethylphthalate	10.28	149	1118755	44.148	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	463383	37.762	nq	99
62) 4-Nitroaniline	10.42	138	268498	40.831	nq	99
63) Azobenzene	10.56	77	1042052	43.194	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	173379	44.406	nq	90
66) n-Nitrosodiphenylamine	10.52	169	940761	44.017	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	325836	43.016	nq	# 90
68) Hexachlorobenzene	10.95	284	357014	43.570	nq	# 89
69) Atrazine	11.04	200	279166	52.741	nq	98
70) Pentachlorophenol	11.14	266	415004	88.408	nq	100
71) Phenanthrene	11.36	178	1478351	42.309	nq	100
72) Anthracene	11.42	178	1507633	42.969	nq	99
73) Carbazole	11.57	167	1448911	41.611	nq	99
74) Di-n-butylphthalate	11.90	149	1770736	44.067	nq	100
75) Fluoranthene	12.55	202	1677327	43.308	nq	99
77) Benzidine	12.67	184	816711	57.356	nq	99
78) Pyrene	12.78	202	1696419	44.304	nq	100
80) Butylbenzylphthalate	13.40	149	808756	47.380	nq	100
81) Benzo(a)anthracene	13.97	228	1343183	40.956	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	375427	30.342	nq	99
83) Chrysene	14.00	228	1519842	44.098	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	892547	42.404	nq	100
85) Di-n-octyl phthalate	14.57	149	1904366	45.476	nq	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1563204	39.622	nq	100
88) Benzo(b)fluoranthene	15.00	252	1543294	45.007	nq	100
89) Benzo(k)fluoranthene	15.03	252	1498283	47.910	nq	100
90) Benzo(a)pyrene	15.36	252	1381483	44.158	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	1300237	40.346	nq	98
92) Benzo(g,h,i)perylene	17.29	276	1228434	38.660	nq	99

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



#1

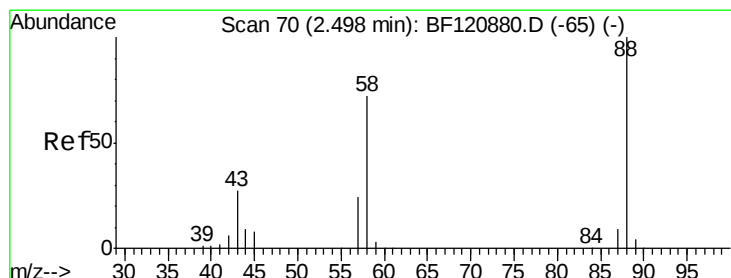
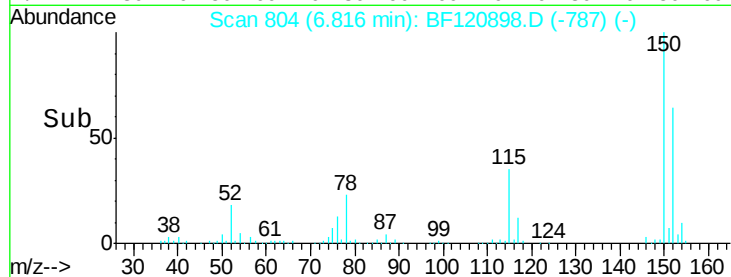
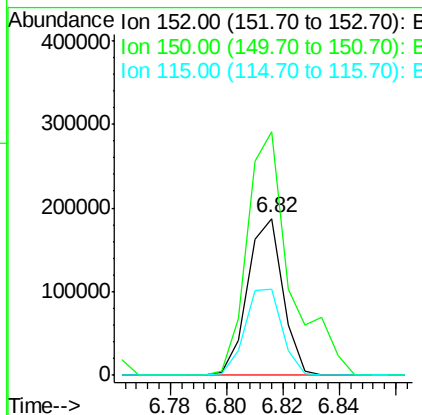
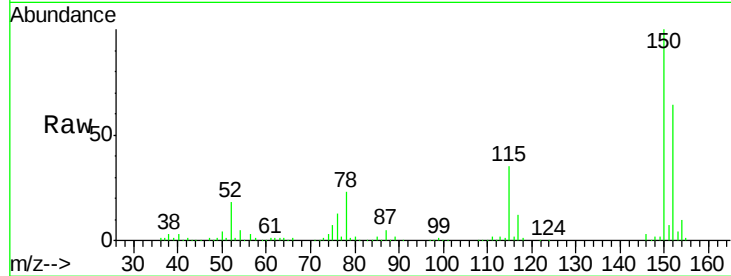
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.0	187.6
115	54.9	47.0	70.4

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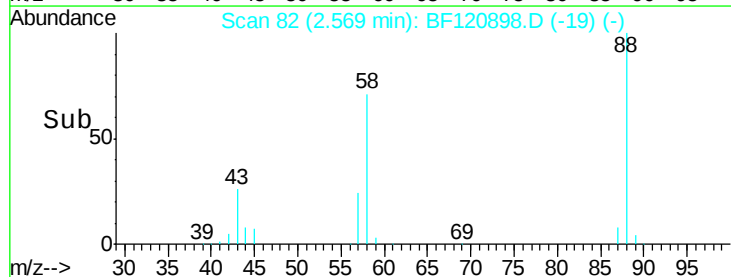
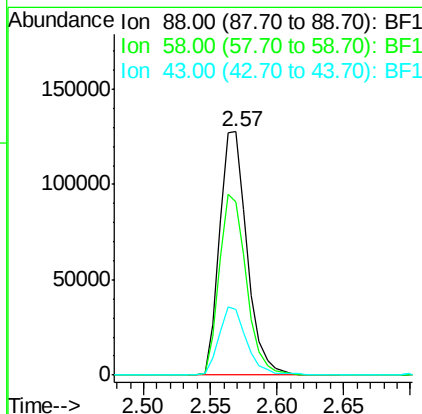
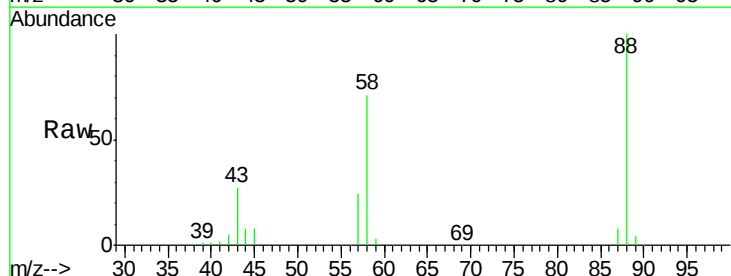
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#2

1,4-Dioxane
Concen: 40.696 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.07 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.2	58.2	87.2
43	28.7	22.1	33.1





#3

Pvridine

Concen: 42.325 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.06 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

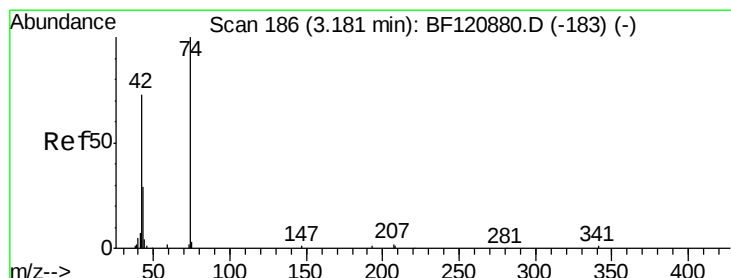
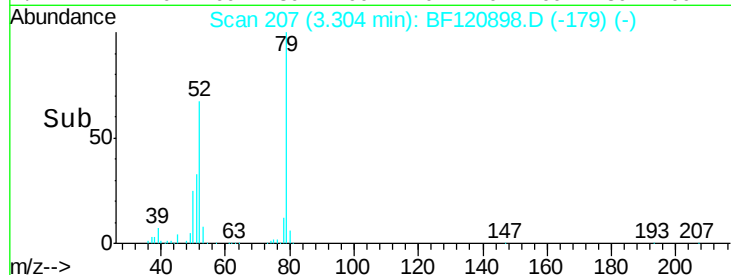
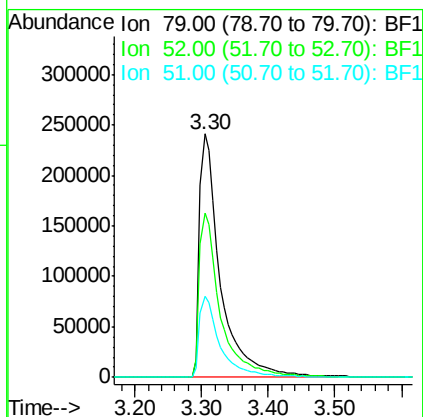
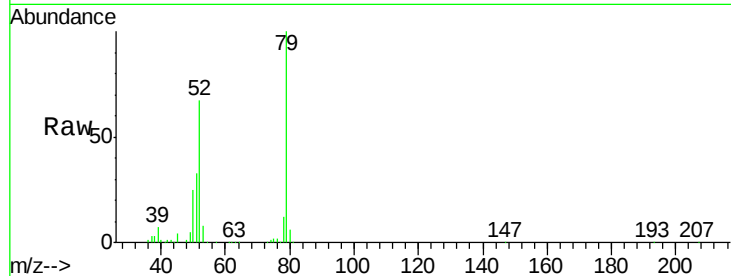
ClientSampleId :

TP-16-DMSD

Tot Ion:	79	Resp:	512515
Ion Ratio	Lower	Upper	
79	100		
52	67.2	55.0	82.6
51	33.4	26.9	40.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 45.643 ng

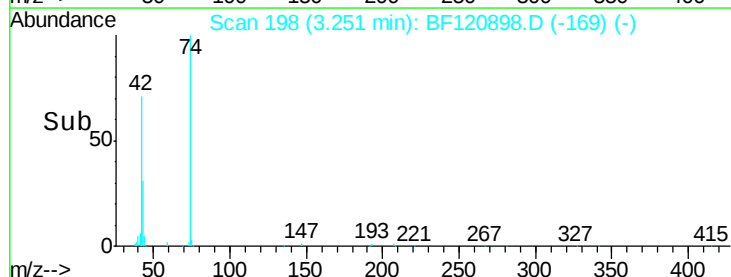
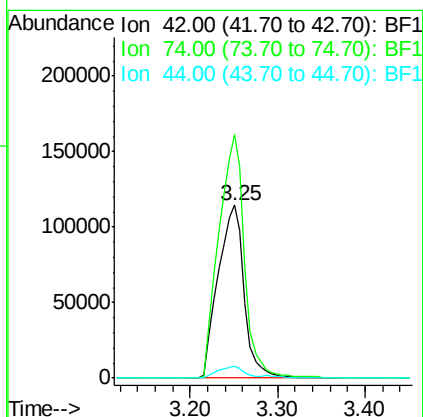
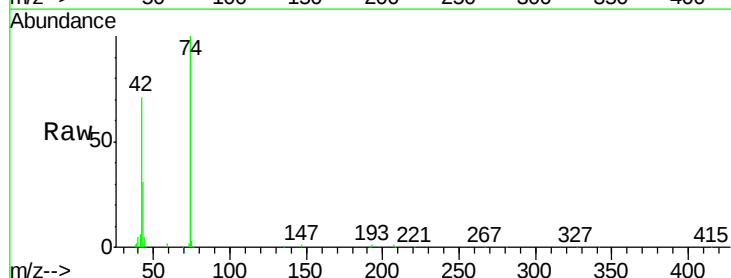
RT: 3.25 min Scan# 198

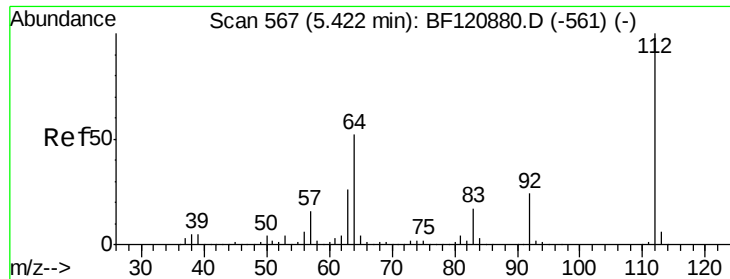
Delta R.T. 0.07 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Tgt Ion:	42	Resp:	236337
Ion Ratio	Lower	Upper	
42	100		
74	141.1	108.7	163.1
44	6.7	5.2	7.8





#5

2-Fluorophenol

Concen: 98.613 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

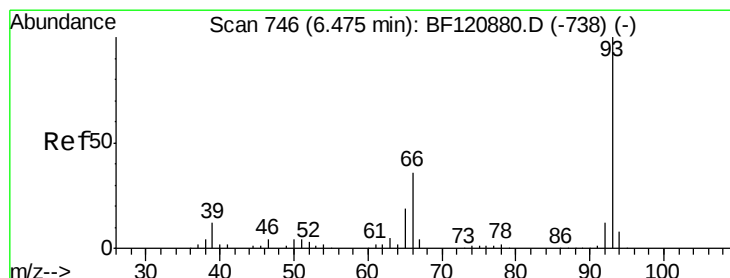
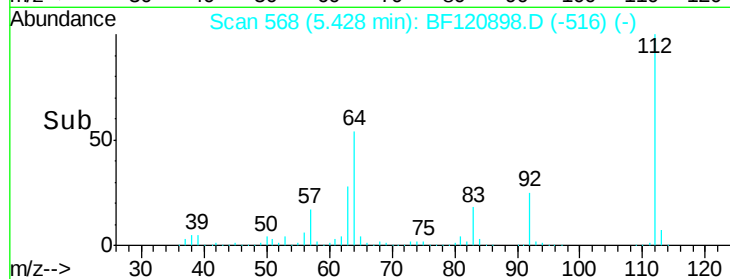
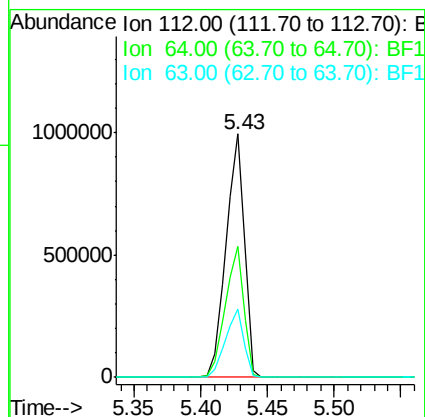
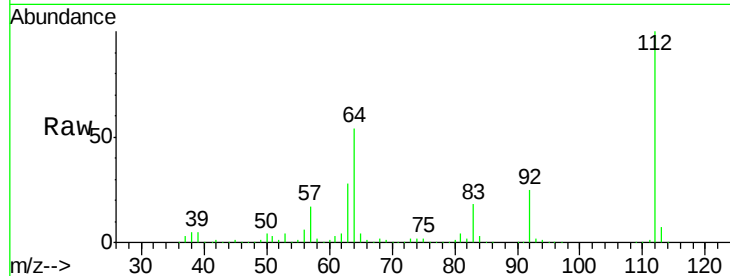
ClientSampleId :

TP-16-DMSD

Tot Ion:	112	Resp:	975348
Ion Ratio	Lower	Upper	
112	100		
64	53.8	41.3	61.9
63	27.9	21.1	31.7

Manual Integrations
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#6

Aniline

Concen: 31.704 ng

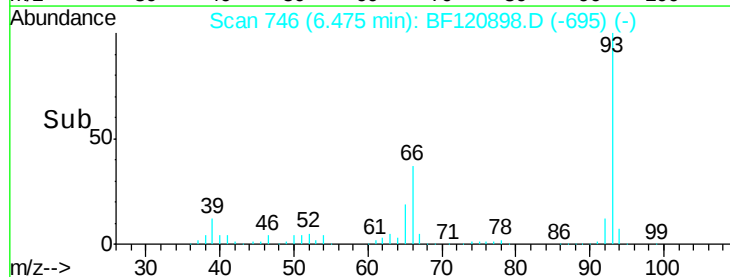
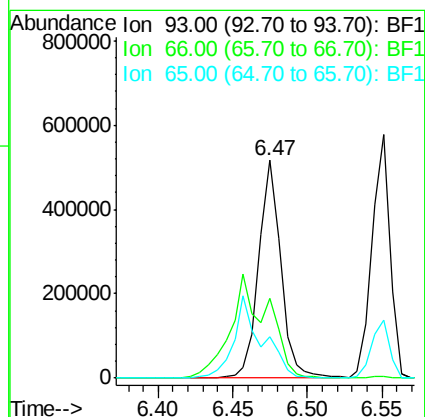
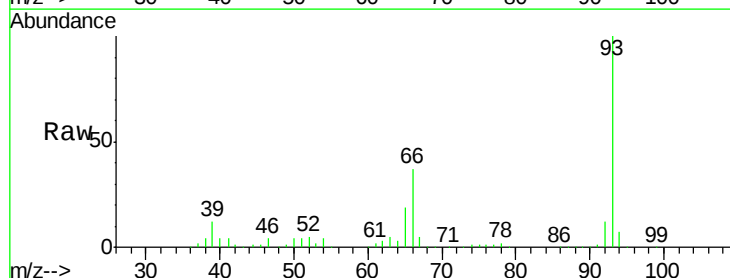
RT: 6.47 min Scan# 746

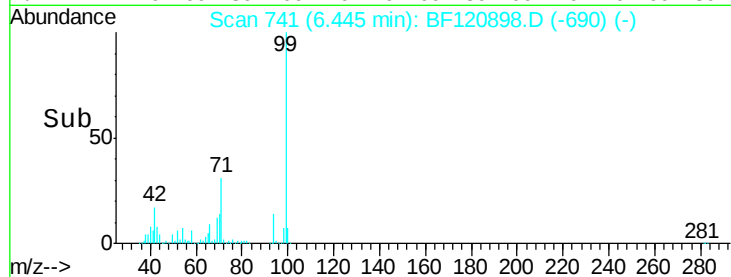
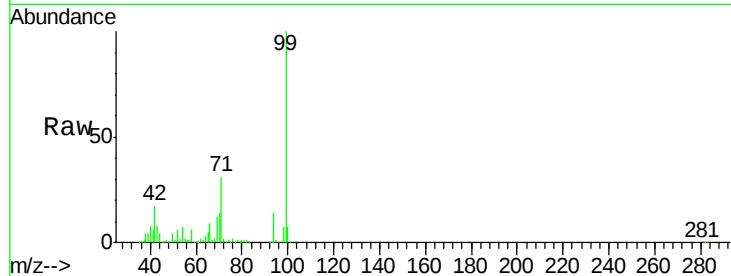
Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Tgt Ion:	93	Resp:	528745
Ion Ratio	Lower	Upper	
93	100		
66	36.8	30.2	45.4
65	19.1	15.8	23.6





#7

Phenol-d6

Concen: 95.895 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Tot Ion: 99 Resp: 1225176

Ion Ratio Lower Upper

99 100

42 16.7 13.1 19.7

71 31.1 24.2 36.4

Instrument :

BNA_F

ClientSampleId :

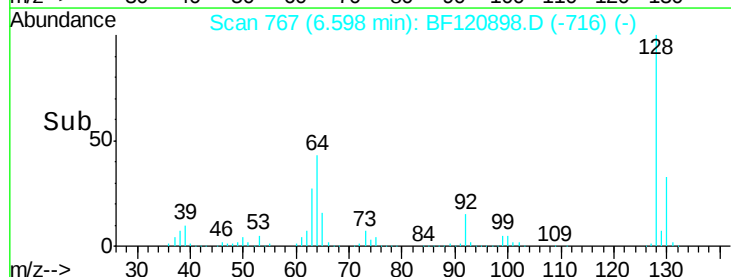
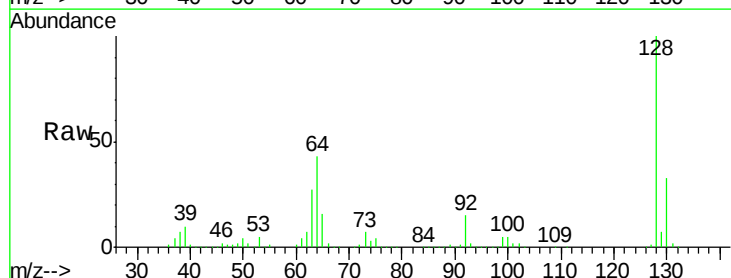
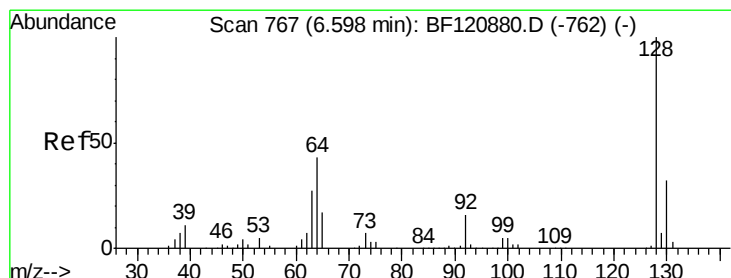
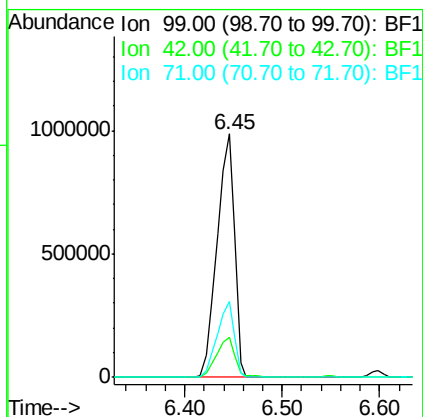
TP-16-DMSD

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#8

2-Chlorophenol

Concen: 46.800 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

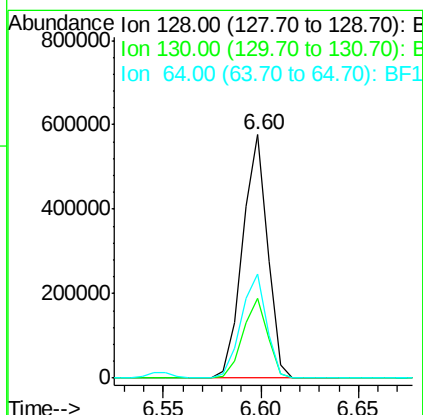
Tgt Ion:128 Resp: 509923

Ion Ratio Lower Upper

128 100

130 32.5 12.1 52.1

64 42.9 24.0 64.0





#9

Benzaldehyde

Concen: 18.958 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

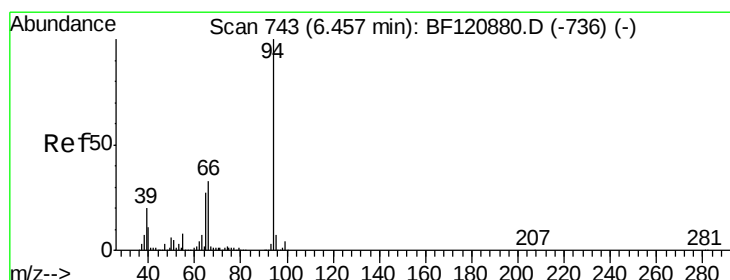
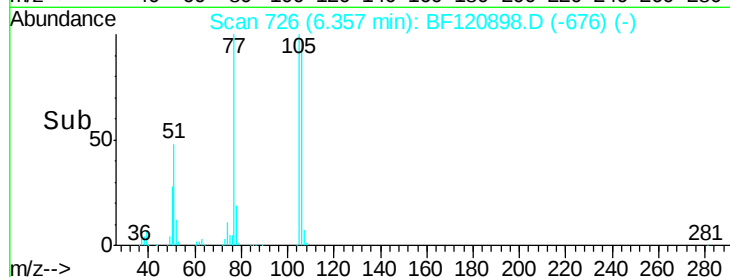
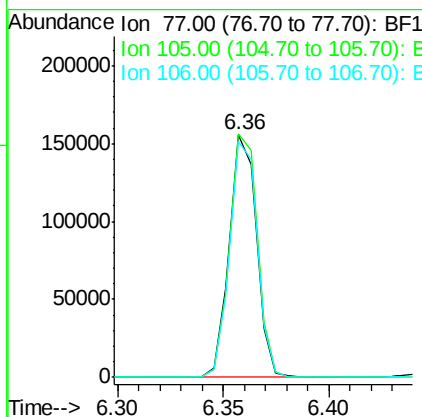
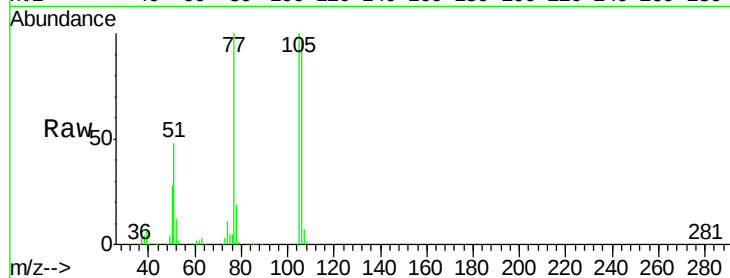
ClientSampleId :

TP-16-DMSD

Tot Ion:	77	Resp:	137756
Ion	Ratio	Lower	Upper
77	100		
105	100.3	82.5	122.5
106	97.3	78.7	118.7

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#10

Phenol

Concen: 44.361 ng

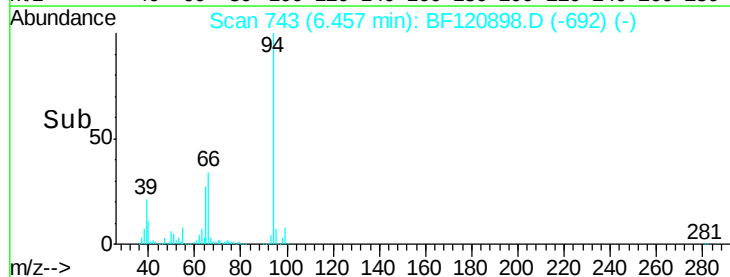
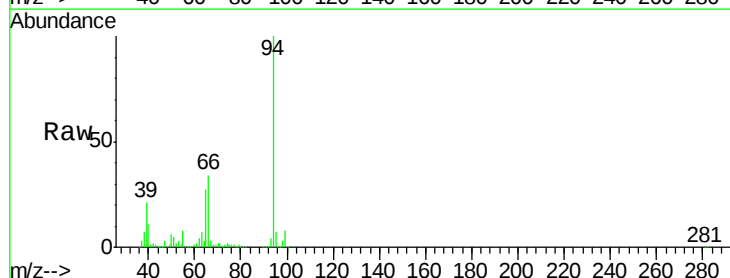
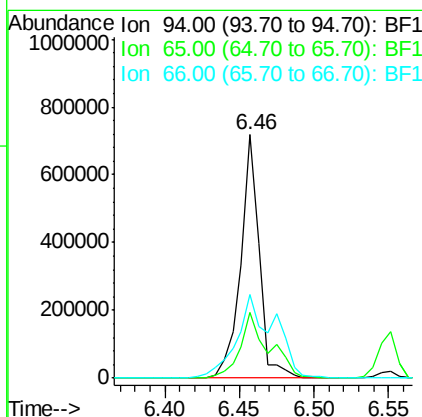
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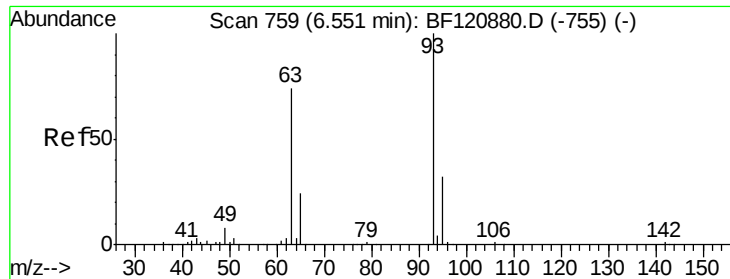
Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Tgt Ion:	94	Resp:	623462
Ion	Ratio	Lower	Upper
94	100		
65	27.2	6.6	46.6
66	34.2	13.2	53.2





#11

bis(2-Chloroethyl)ether

Concen: 43.995 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampleId :

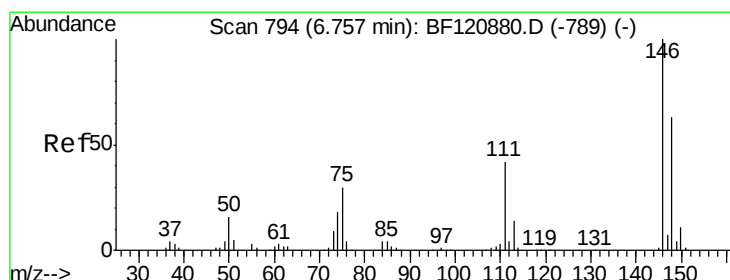
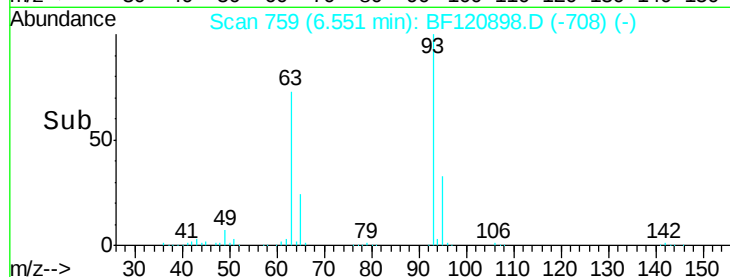
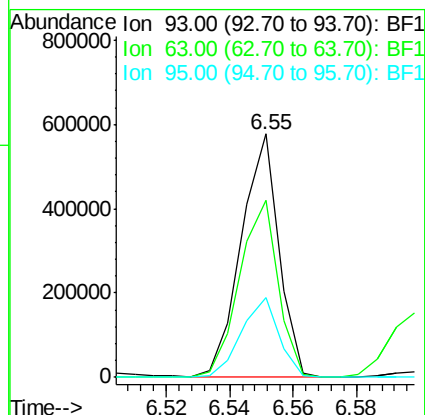
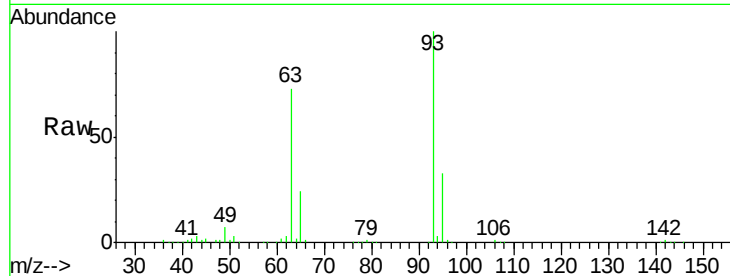
TP-16-DMSD

Tot Ion: 93 Resp: 473869

Ion	Ratio	Lower	Upper
93	100		
63	72.9	54.2	94.2
95	32.8	12.2	52.2

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#12

1,3-Dichlorobenzene

Concen: 43.116 ng

RT: 6.76 min Scan# 794

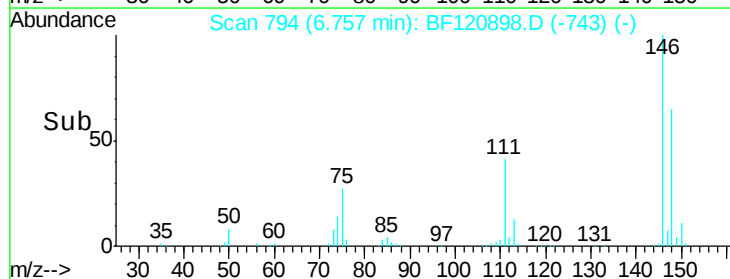
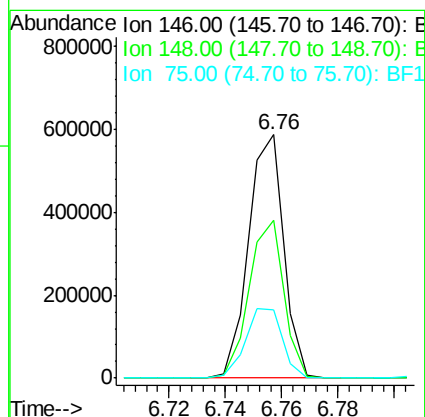
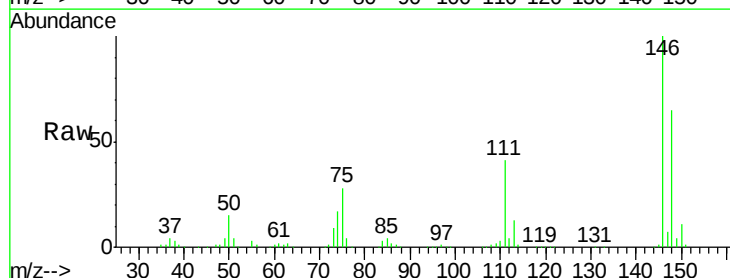
Delta R.T. 0.00 min

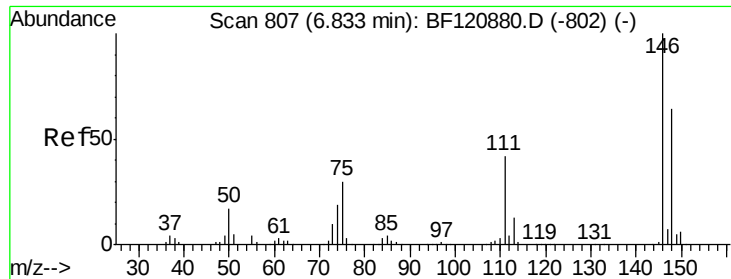
Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Tgt Ion: 146 Resp: 509416

Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
75	28.3	24.1	36.1





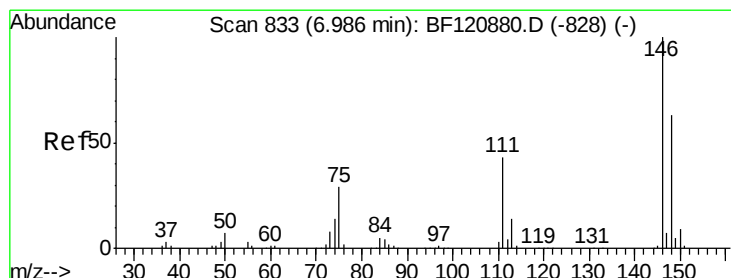
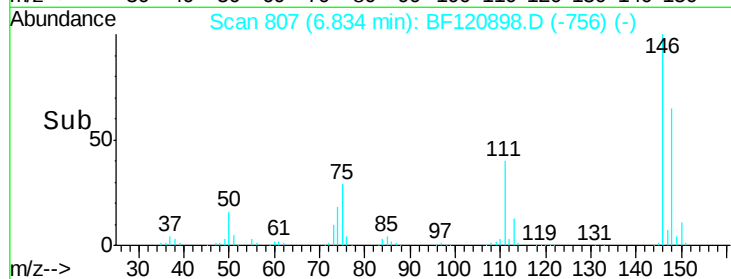
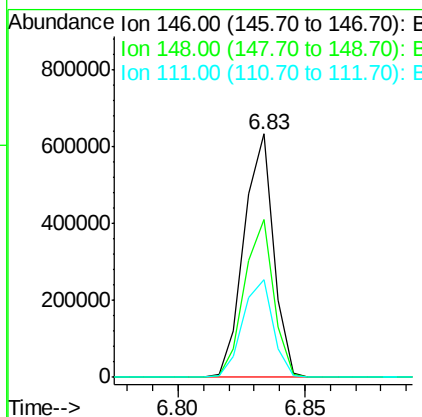
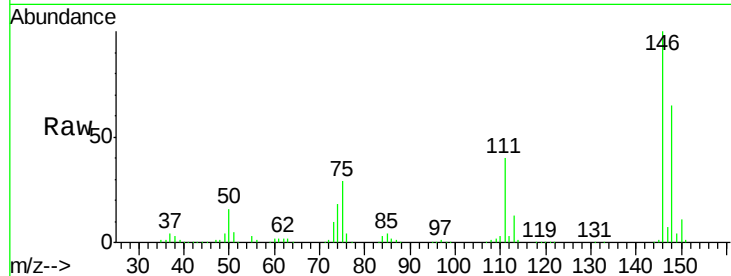
#13
 1,4-Dichlorobenzene
 Concen: 43.615 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.6	77.4
111	39.9	33.5	50.3

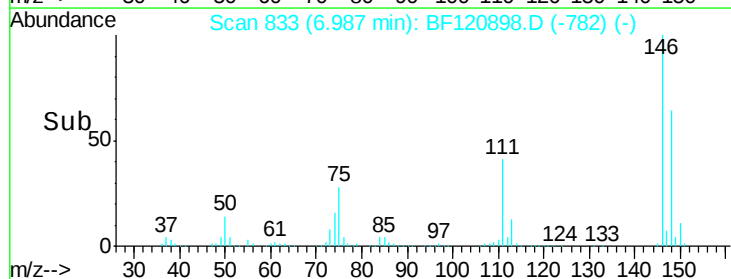
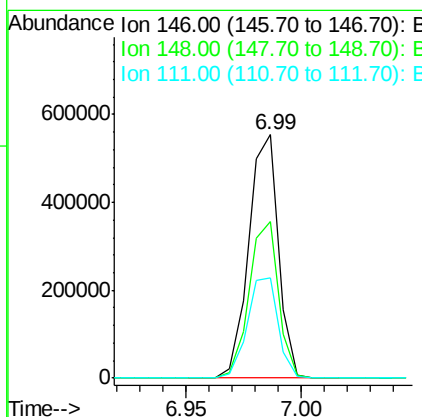
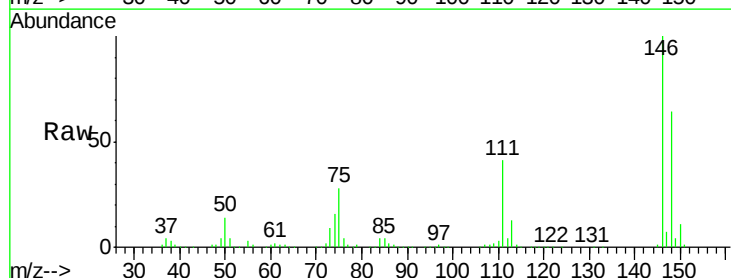
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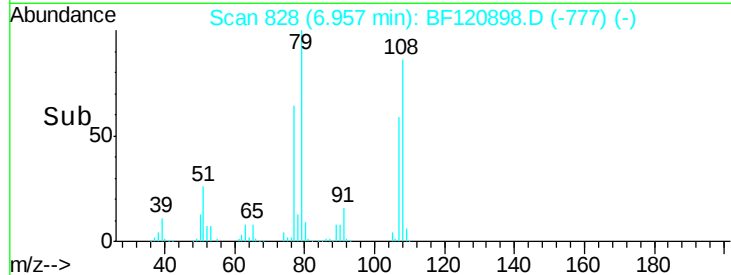
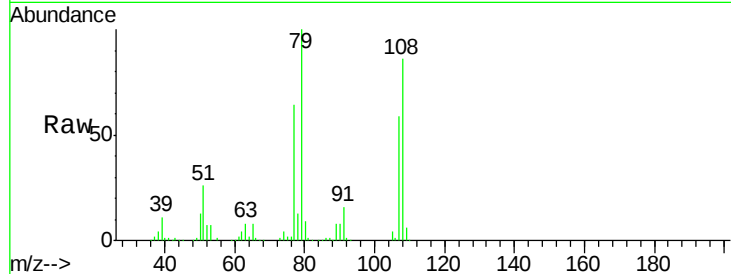
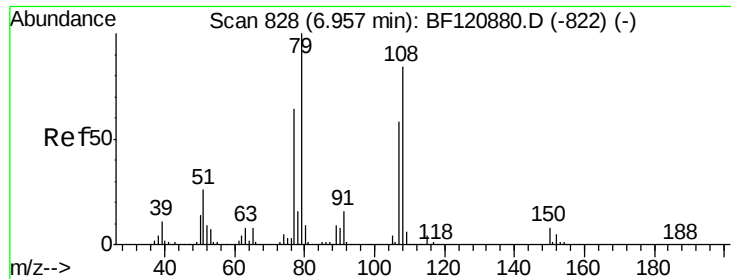
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 44.900 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
111	41.4	34.2	51.2





#15

Benzyl Alcohol

Concen: 43.613 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Tot Ion:	79	Resp:	394052
Ion Ratio	Lower	Upper	
79	100		
108	85.9	67.0	100.6
77	63.9	51.0	76.4

Instrument :

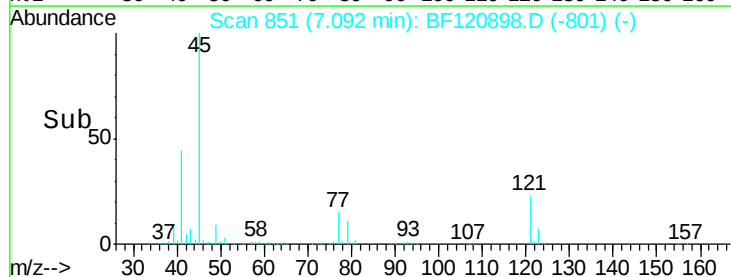
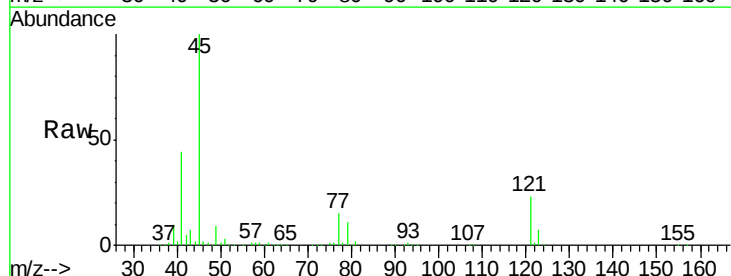
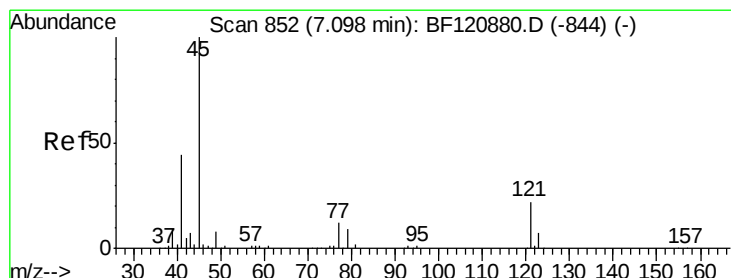
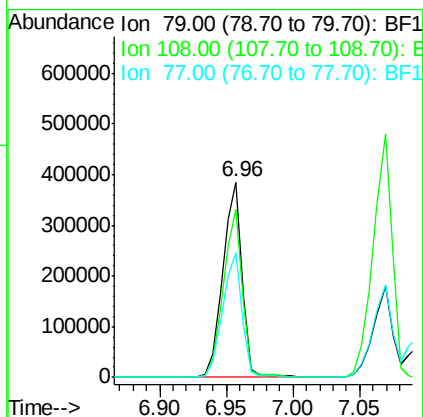
BNA_F

ClientSampleId :

TP-16-DMSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.813 ng

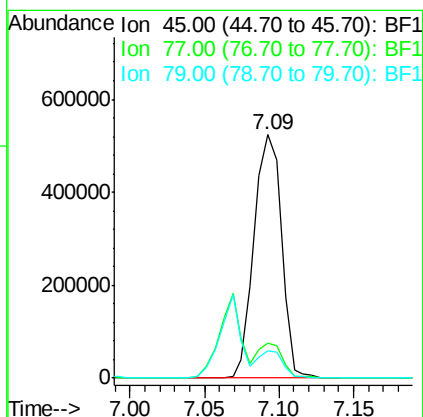
RT: 7.09 min Scan# 851

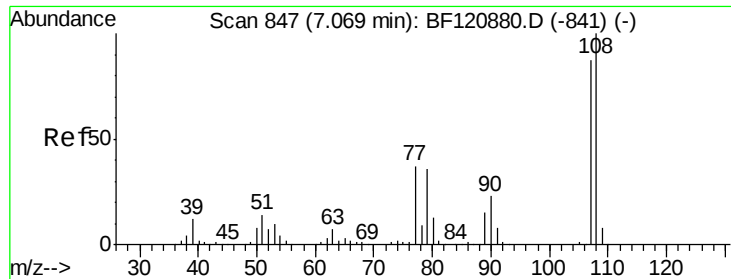
Delta R.T. -0.01 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Tgt Ion:	45	Resp:	664663
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	34.3
79	11.1	0.0	31.0





#17

2-Methylphenol

Concen: 41.797 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

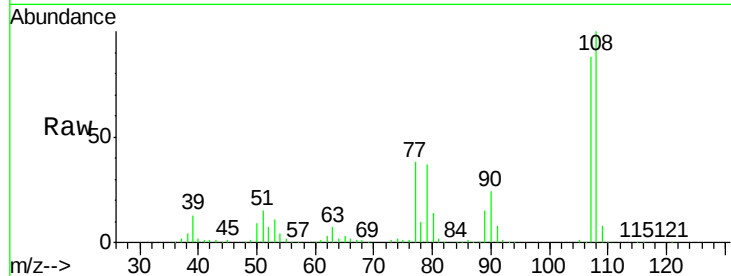
ClientSampleId :

TP-16-DMSD

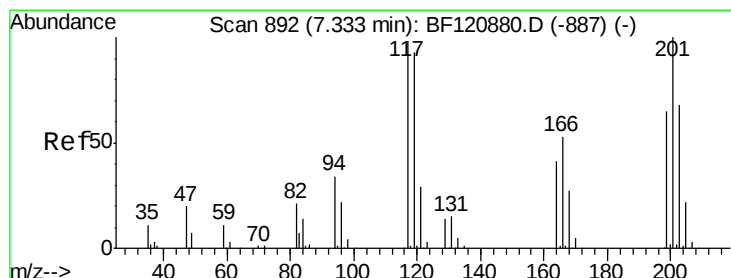
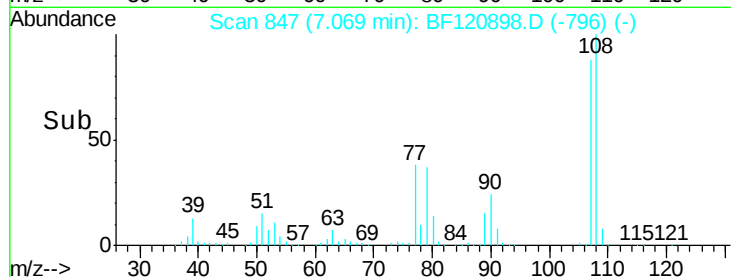
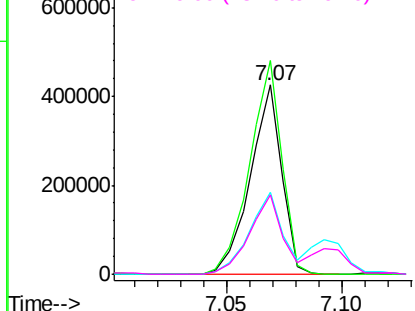
Tot Ion:	107	Resp:	403649
Ion	Ratio	Lower	Upper
107	100		
108	113.1	92.0	138.0
77	43.2	34.0	51.0
79	42.1	33.3	49.9

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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: 45.126 ng

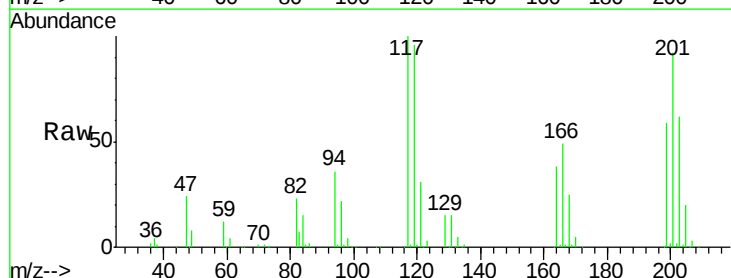
RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

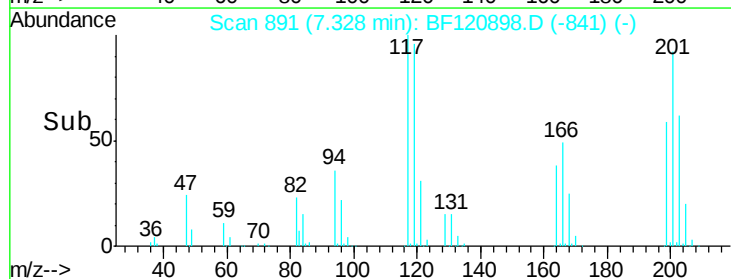
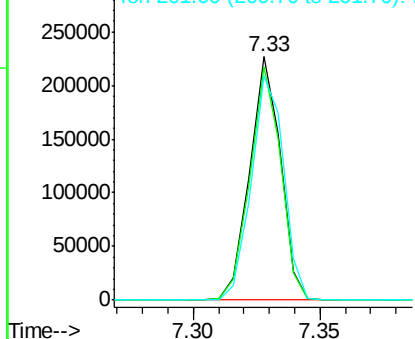
Lab File: BF120898.D

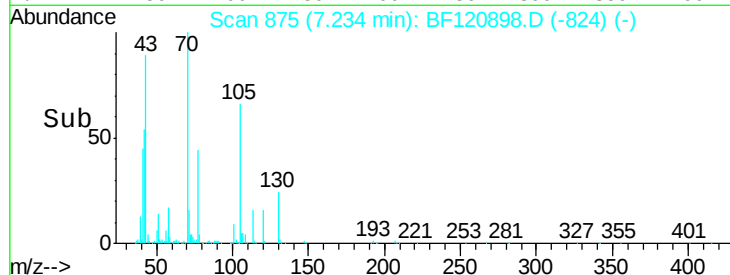
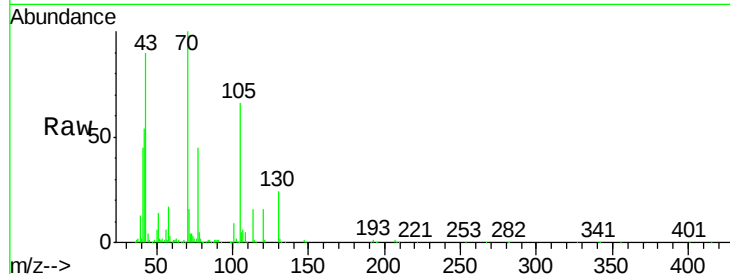
Acq: 16 Jul 2020 21:25

Tgt Ion:	117	Resp:	191886
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.0	114.0
201	92.0	81.7	122.5



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





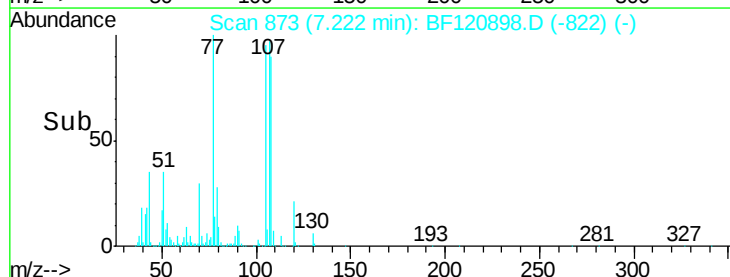
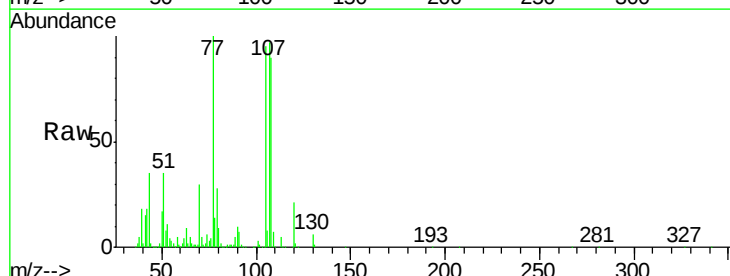
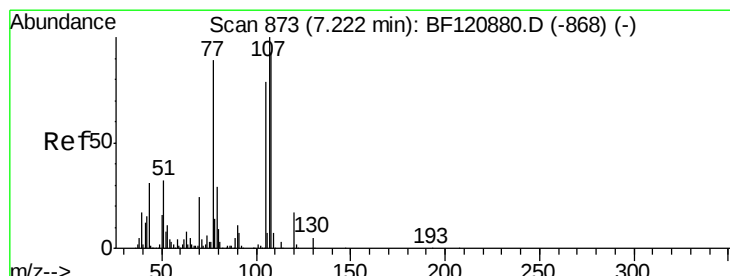
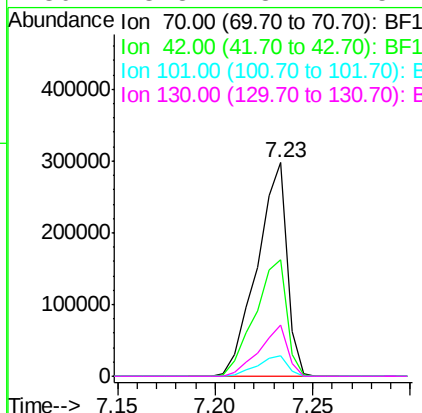
#19
n-Nitroso-di-n-propylamine
Concen: 43.487 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.5	44.0	66.0
101	9.5	7.8	11.6
130	23.8	18.7	28.1

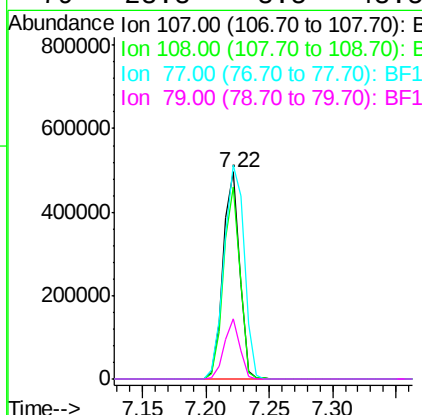
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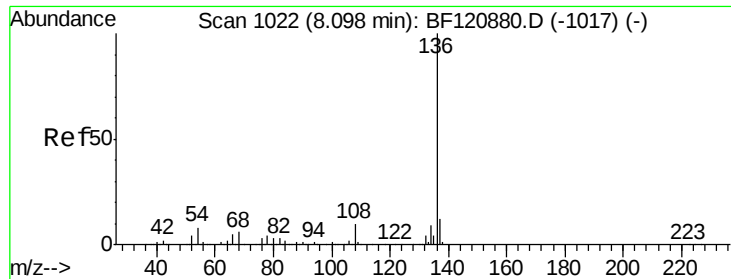
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#20
3+4-Methylphenols
Concen: 37.023 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	72.8	112.8
77	103.2	68.7	108.7
79	28.8	8.5	48.5





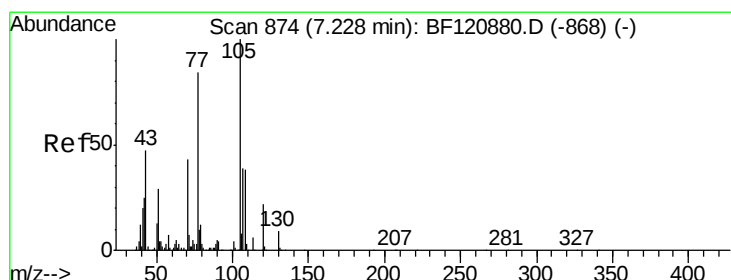
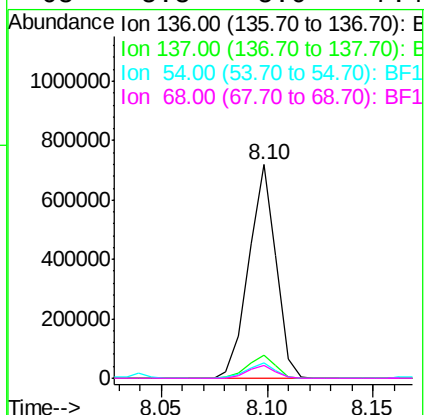
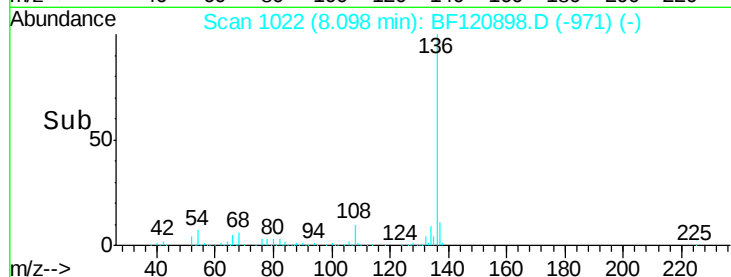
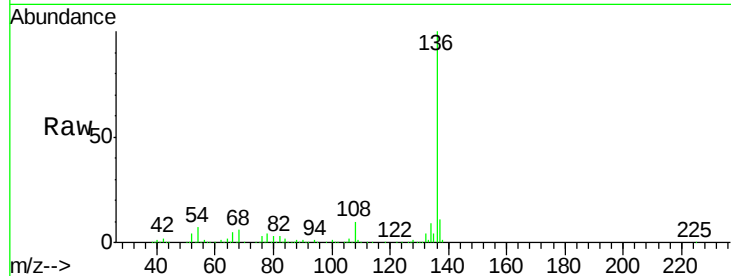
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		642549		
137	11.0		9.3	13.9	
54	7.2		6.3	9.5	
68	5.8		5.0	7.4	

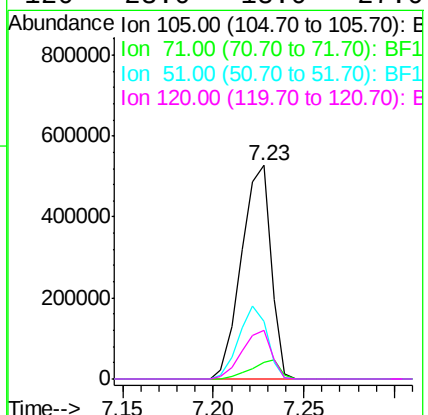
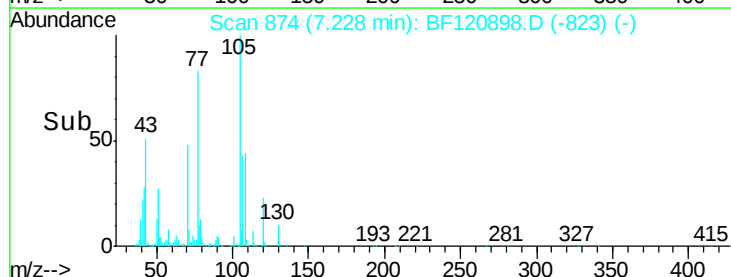
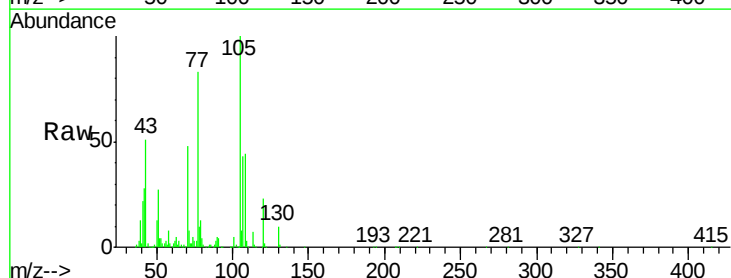
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#22
Acetophenone
Concen: 41.522 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		598775		
71	8.1		5.7	8.5	
51	27.3		22.9	34.3	
120	23.0		18.0	27.0	





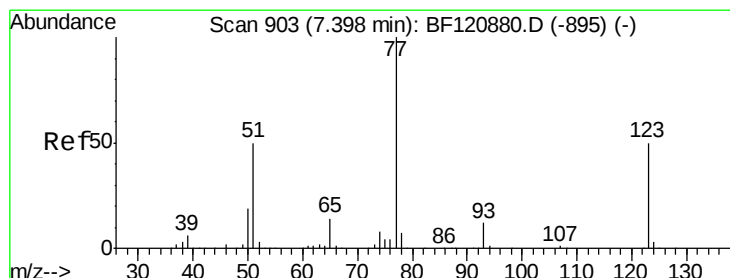
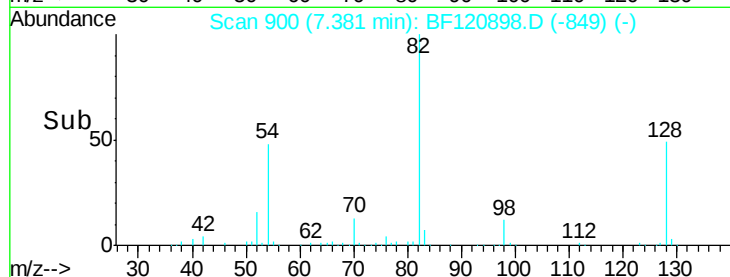
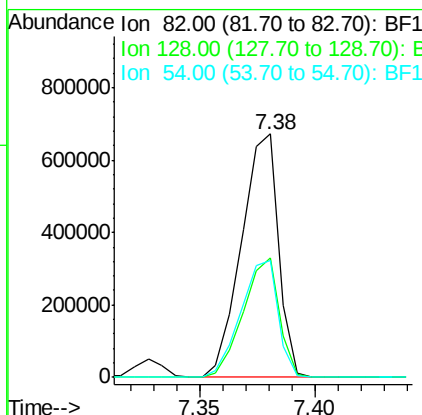
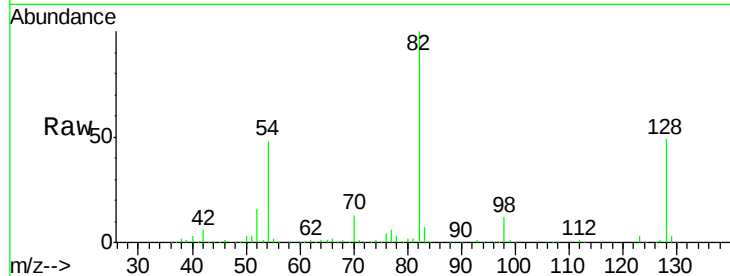
#23
Nitrobenzene-d5
Concen: 67.956 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.3	38.2	57.4
54	47.8	38.7	58.1

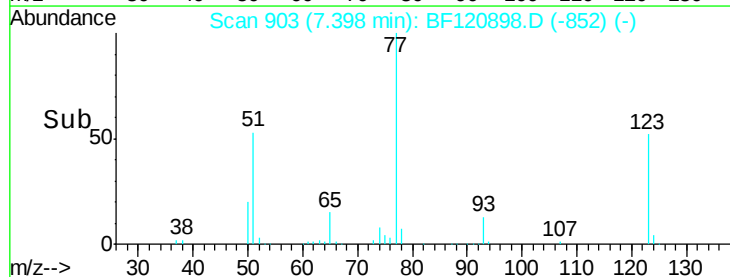
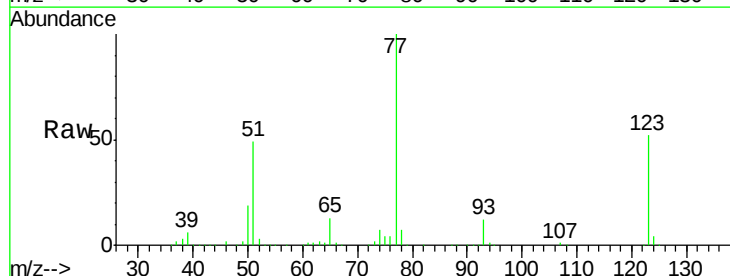
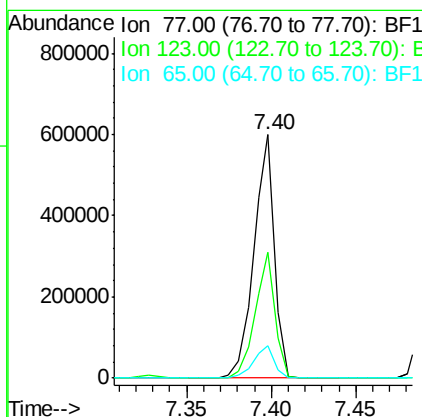
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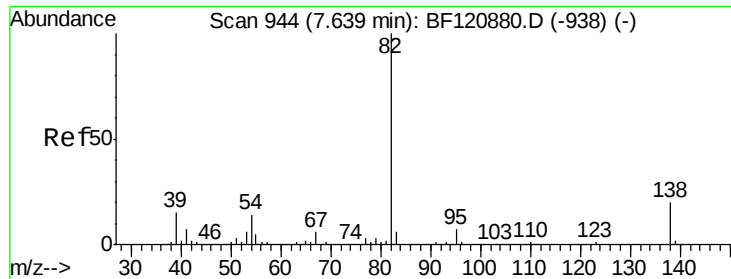
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#24
Nitrobenzene
Concen: 42.412 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	40.1	60.1
65	13.3	10.8	16.2





#25

Isophorone

Concen: 42.309 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

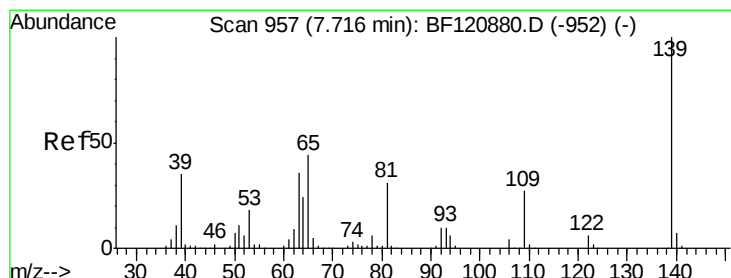
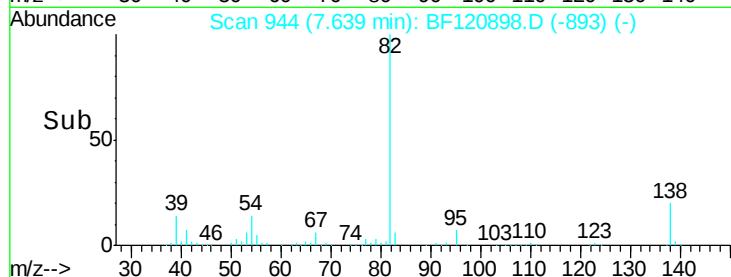
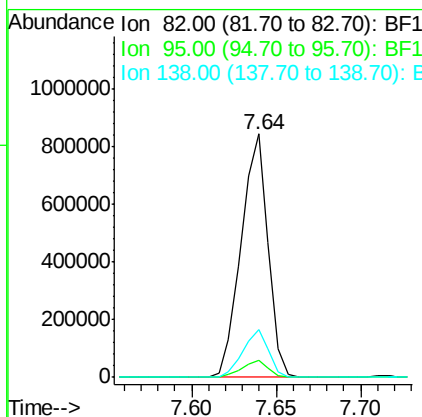
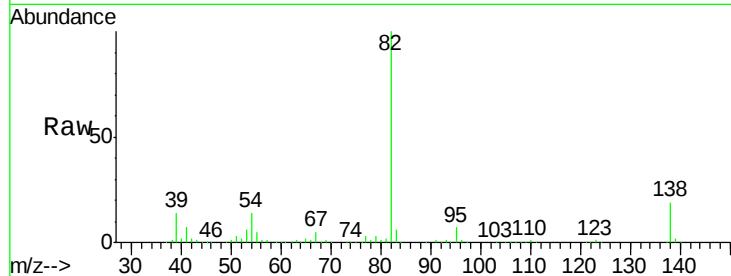
ClientSampled :

TP-16-DMSD

Tot Ion:	82	Resp:	937667
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.5	8.3
138	19.4	15.6	23.4

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#26

2-Nitrophenol

Concen: 46.995 ng

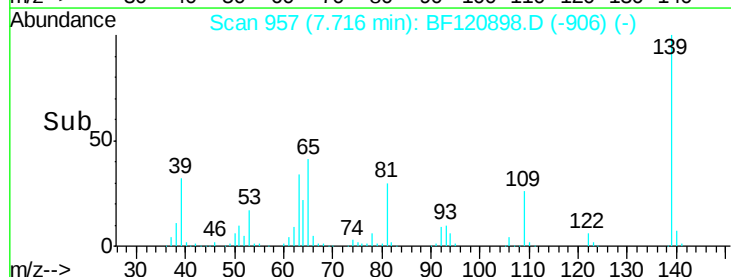
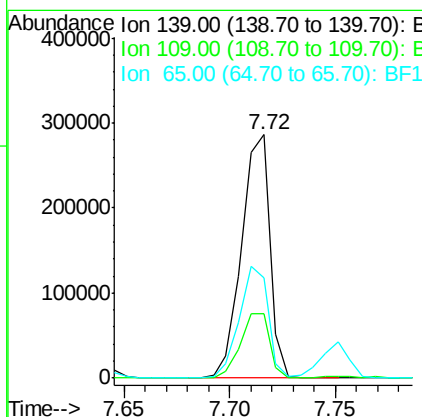
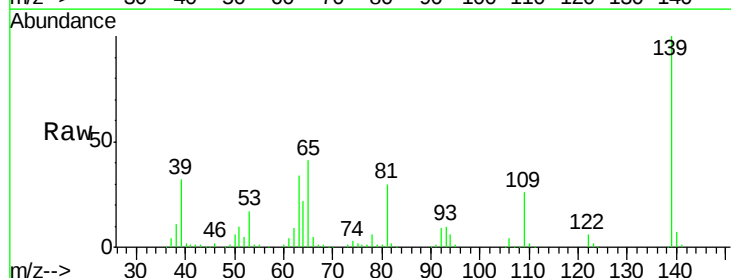
RT: 7.72 min Scan# 957

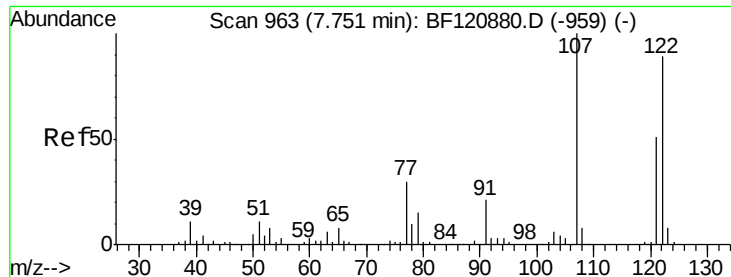
Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Tgt Ion:	139	Resp:	267131
Ion Ratio	Lower	Upper	
139	100		
109	26.5	21.6	32.4
65	41.1	35.3	52.9





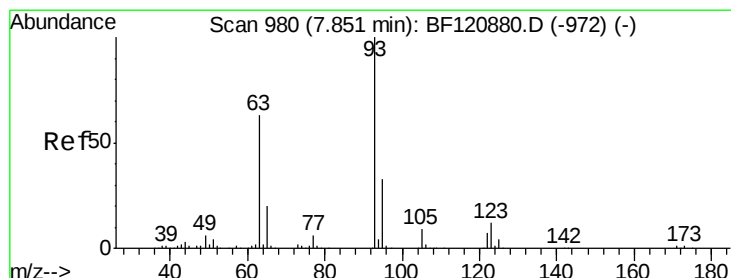
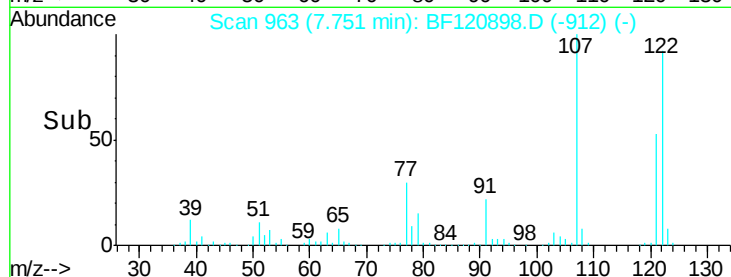
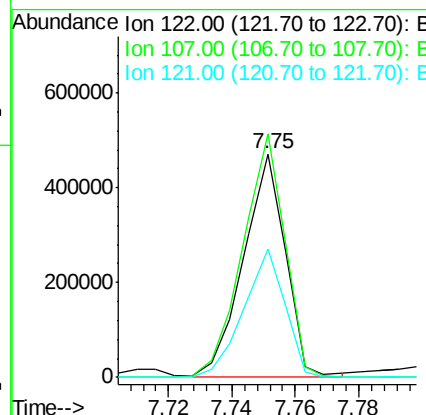
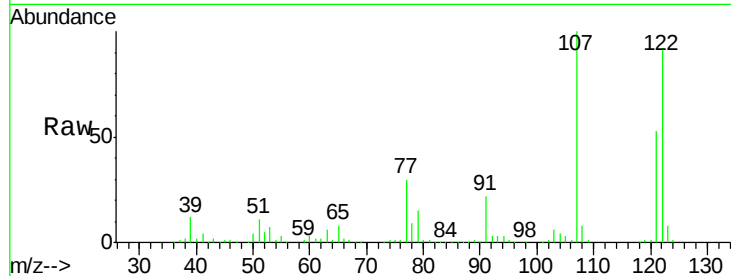
#27
 2,4-Dimethylphenol
 Concen: 46.831 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	89.4	134.0
121	57.3	46.0	69.0

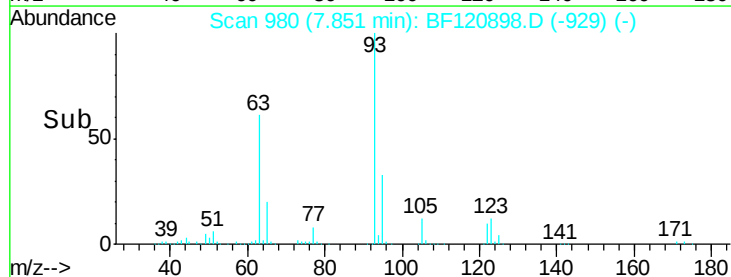
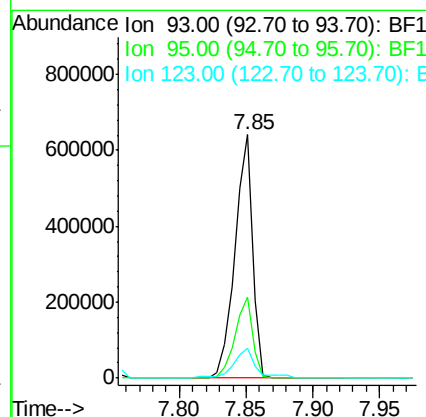
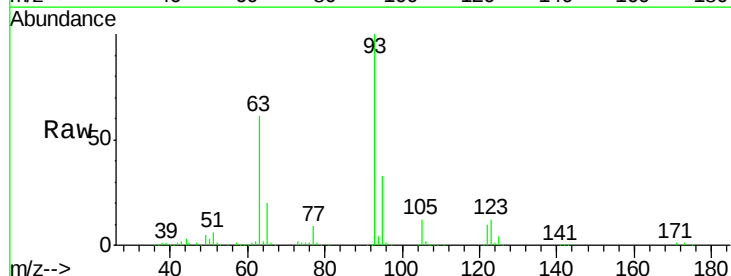
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.475 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	39.8
123	12.1	10.0	15.0





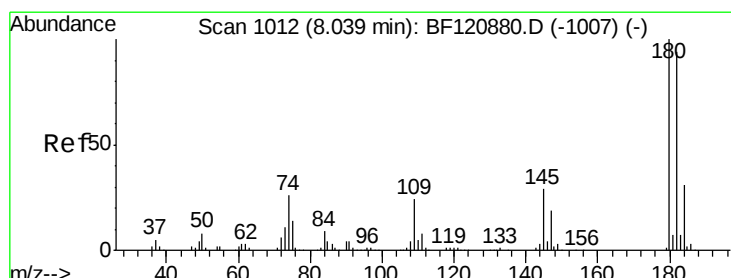
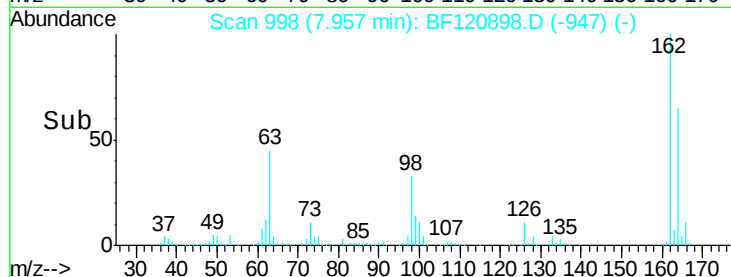
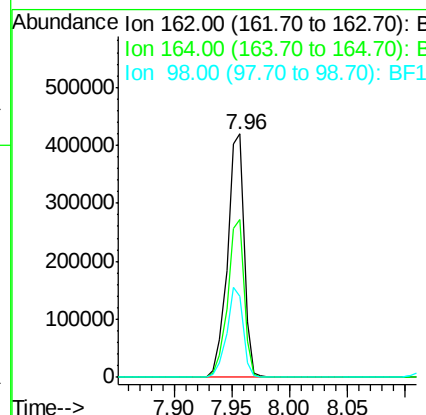
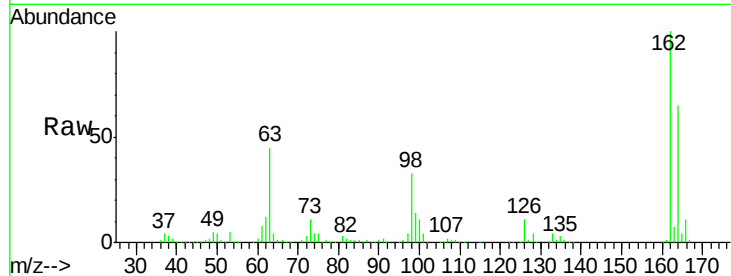
#29
2,4-Dichlorophenol
Concen: 44.616 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampled :
TP-16-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	420763		
164	64.8	45.3	85.3	
98	33.4	13.3	53.3	

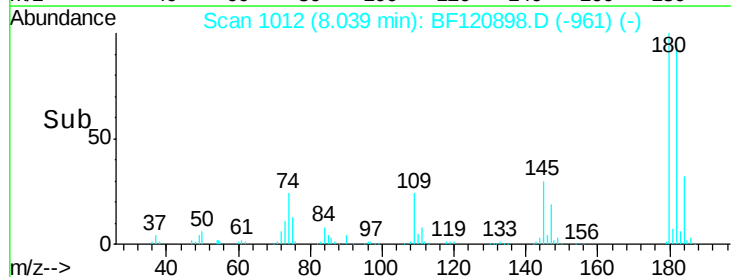
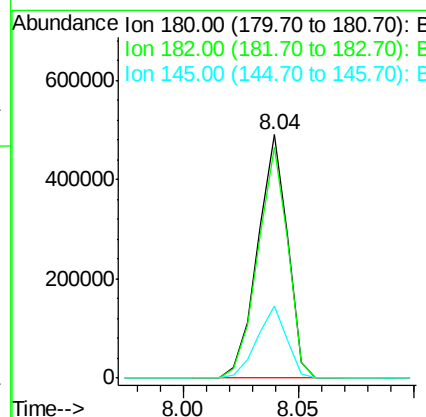
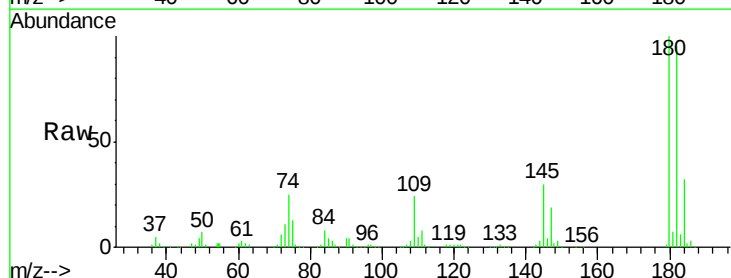
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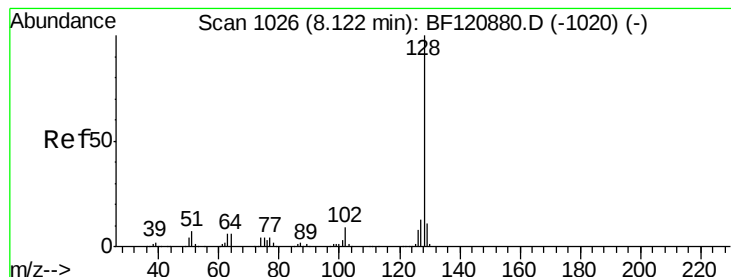
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.478 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	444448		
182	94.7	75.0	112.6	
145	29.7	23.5	35.3	





#31

Naphthalene

Concen: 41.946 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampleId :

TP-16-DMSD

Tot Ion:128 Resp: 1382520

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

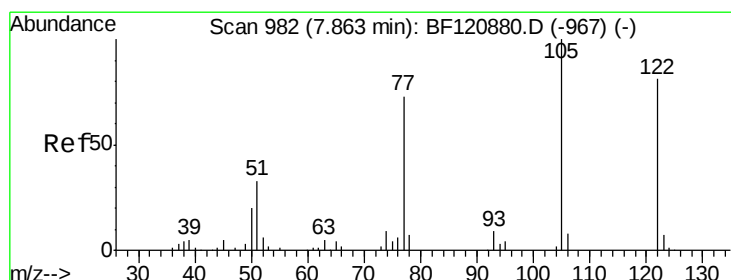
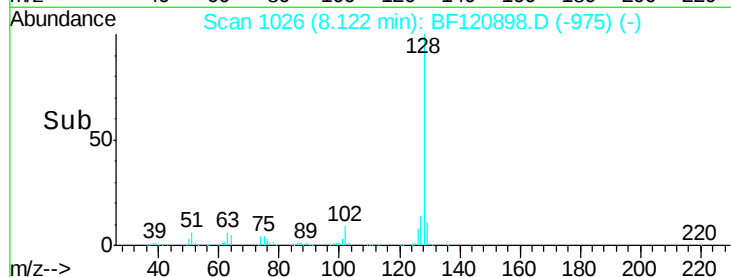
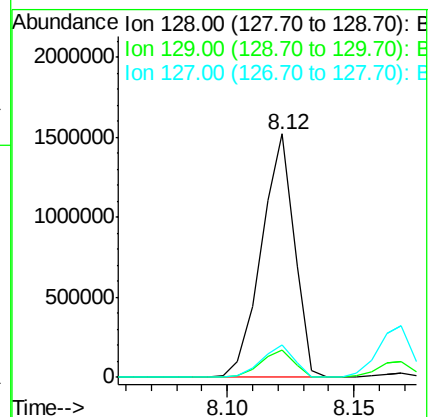
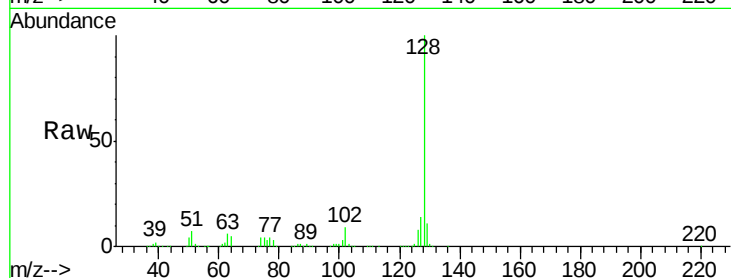
127 13.5 10.7 16.1

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#32

Benzoic acid

Concen: 49.224 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

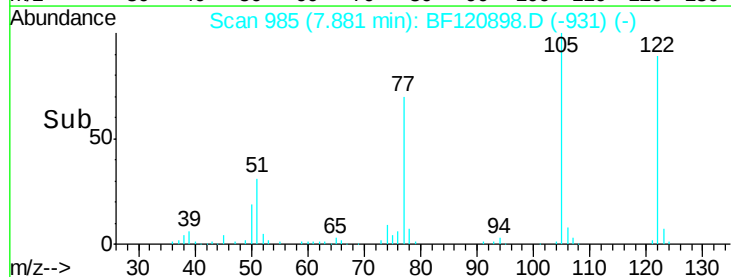
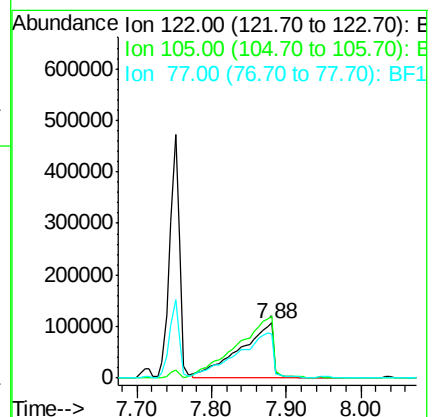
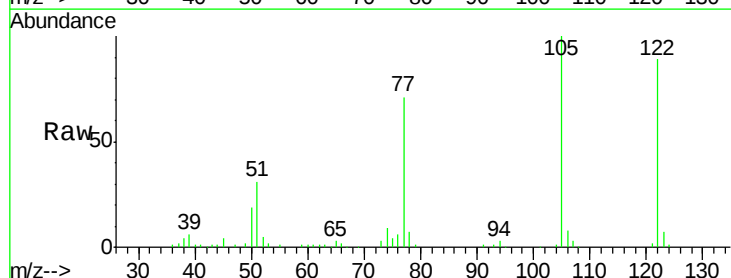
Tgt Ion:122 Resp: 341022

Ion Ratio Lower Upper

122 100

105 111.9 101.3 141.3

77 79.5 69.1 109.1





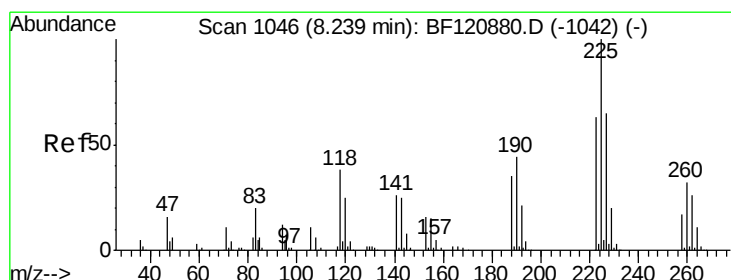
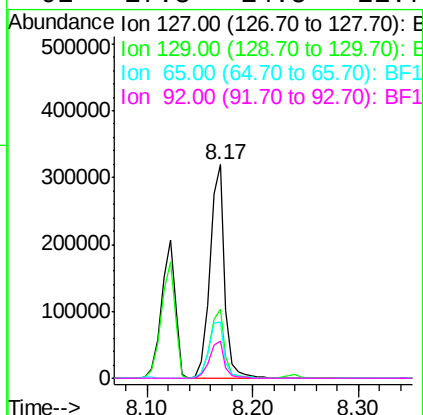
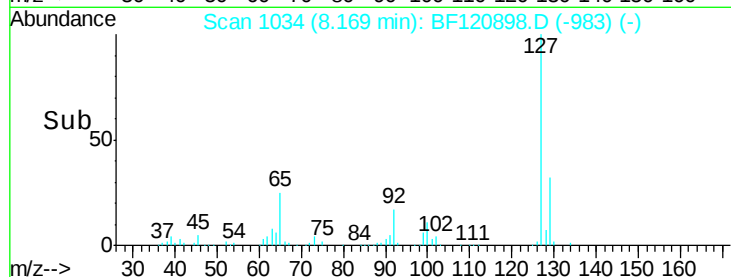
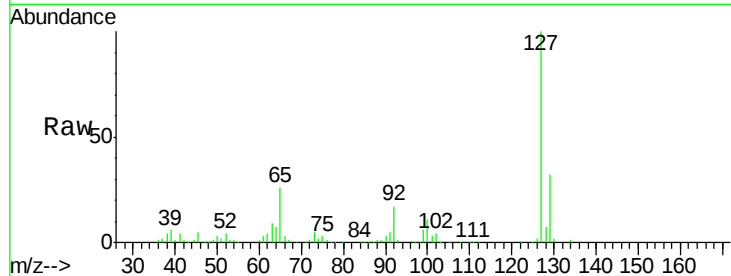
#33
4-Chloroaniline
Concen: 21.299 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.5	39.7		
65	26.3	23.0	34.4		
92	17.3	14.5	21.7		

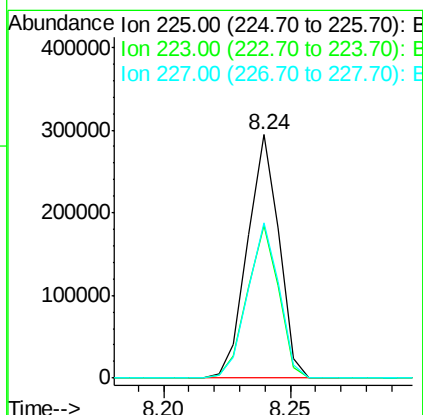
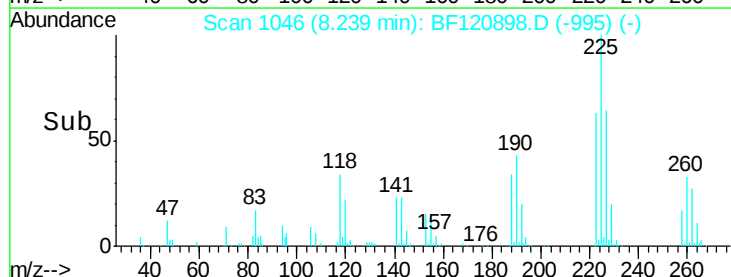
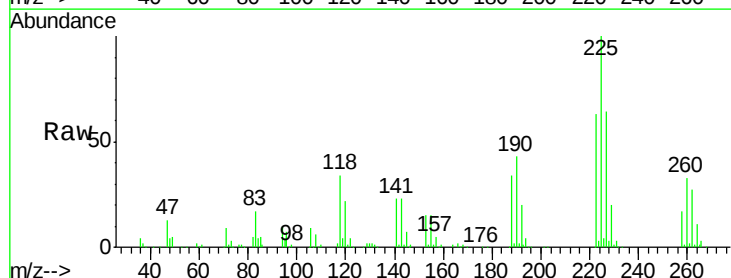
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#34
Hexachlorobutadiene
Concen: 41.234 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	50.6	76.0		
227	63.6	52.2	78.2		





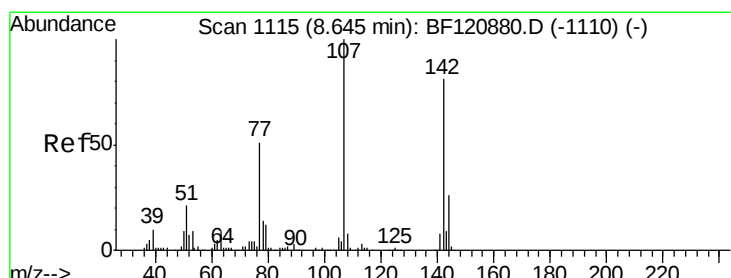
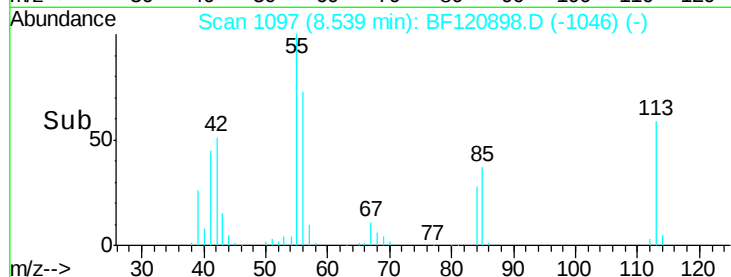
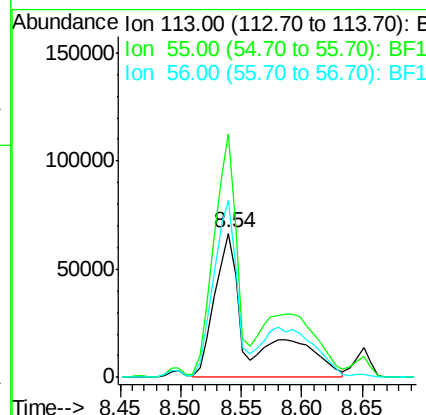
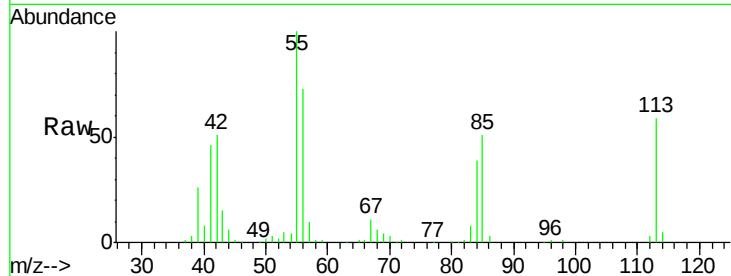
#35
Caprolactam
Concen: 46.936 ng/ml
RT: 8.54 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		141949		
55	169.3		143.3	183.3	
56	122.9		99.4	139.4	

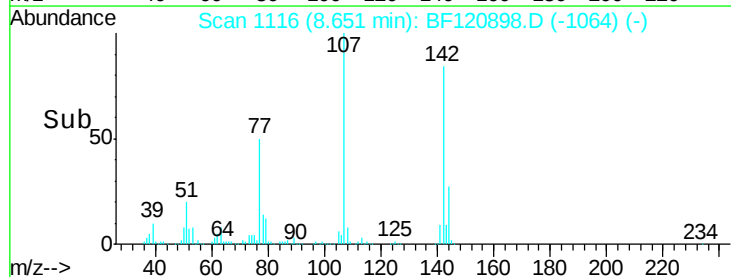
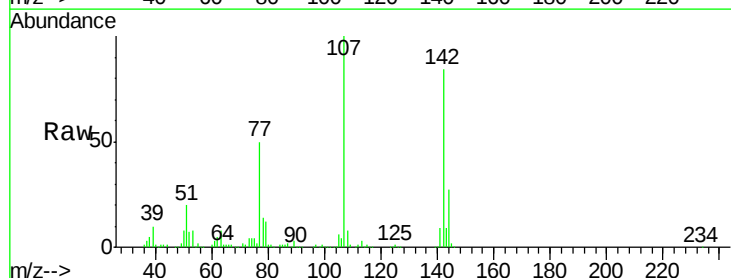
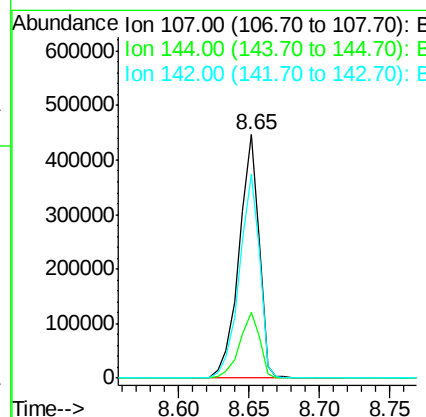
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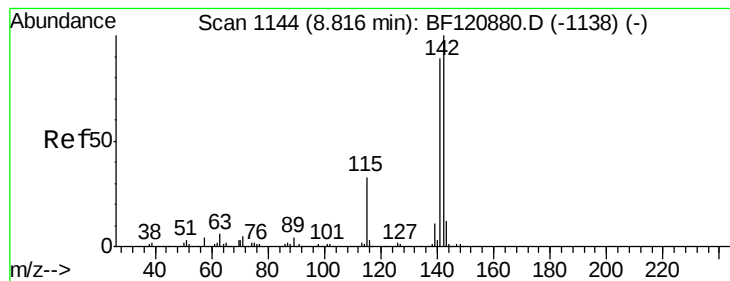
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#36
4-Chloro-3-methylphenol
Concen: 45.674 ng/ml
RT: 8.65 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		441760		
144	27.1		21.0	31.6	
142	83.9		65.0	97.6	





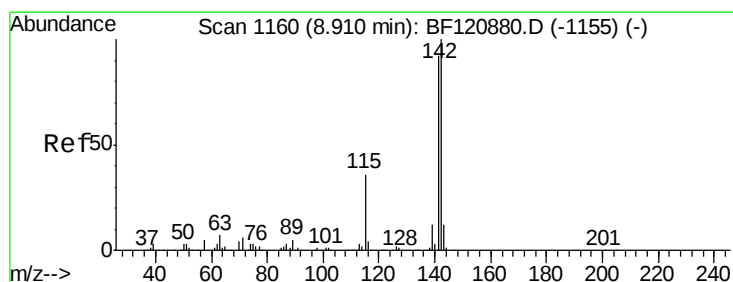
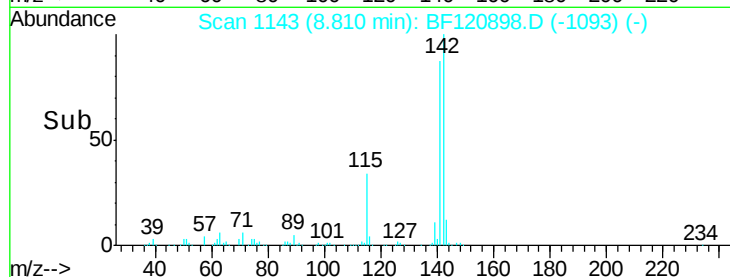
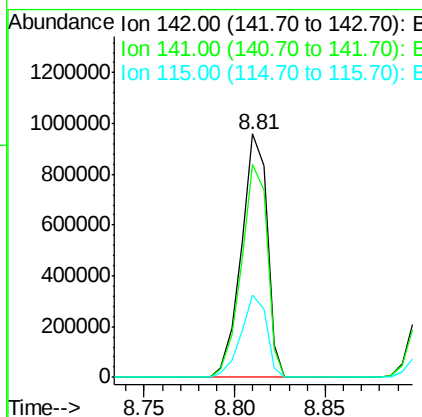
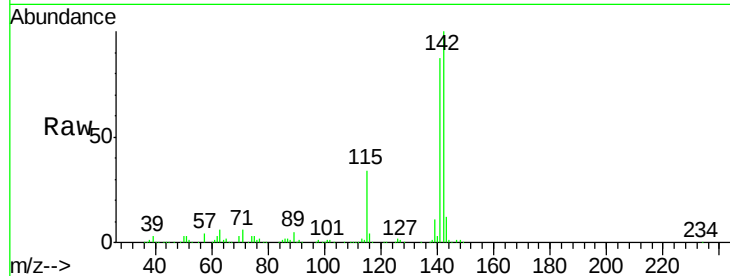
#37
2-Methylnaphthalene
Concen: 44.373 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.0	106.4
115	33.6	26.0	39.0

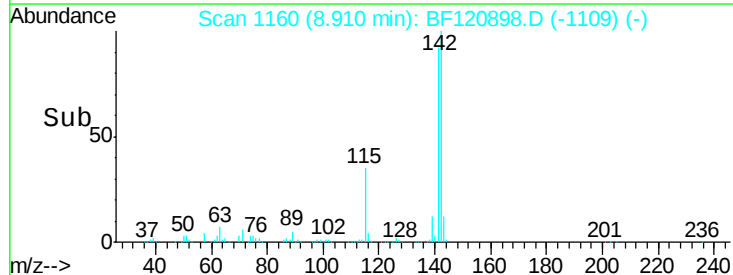
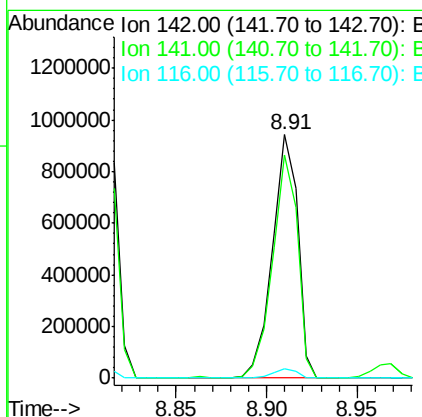
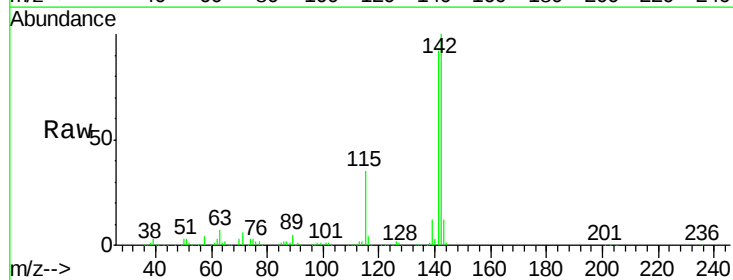
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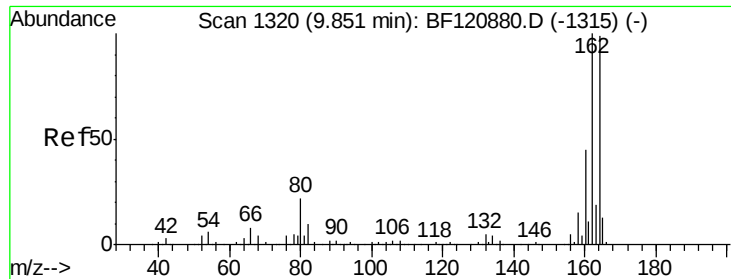
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#38
1-Methylnaphthalene
Concen: 45.030 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.7	110.5
116	3.7	3.0	4.6





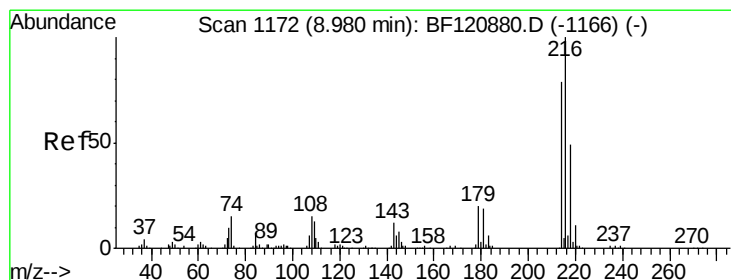
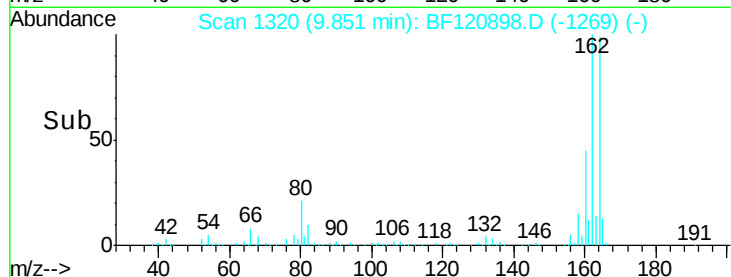
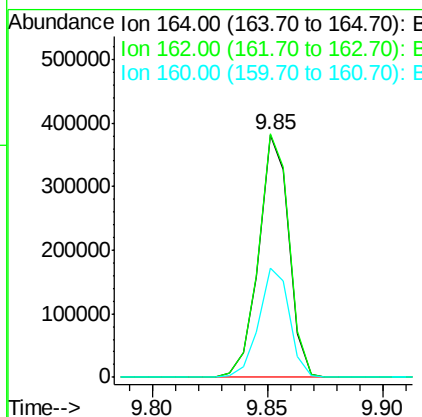
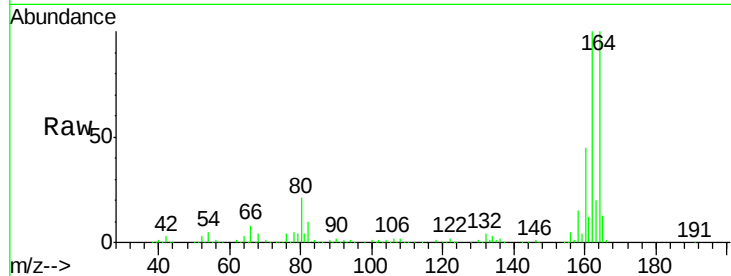
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.2	121.8
160	45.3	36.9	55.3

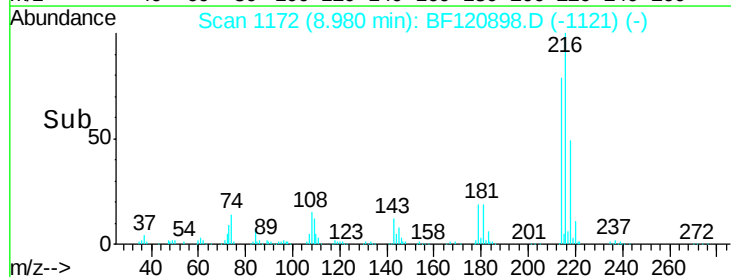
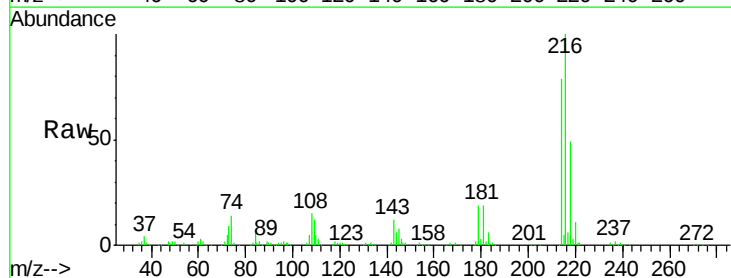
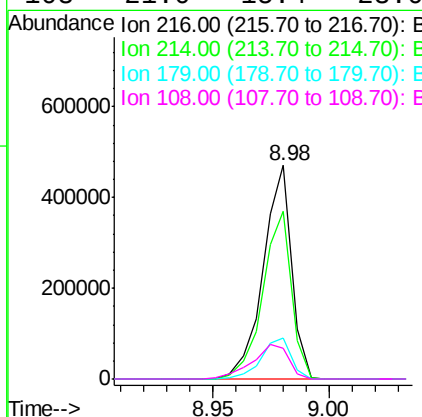
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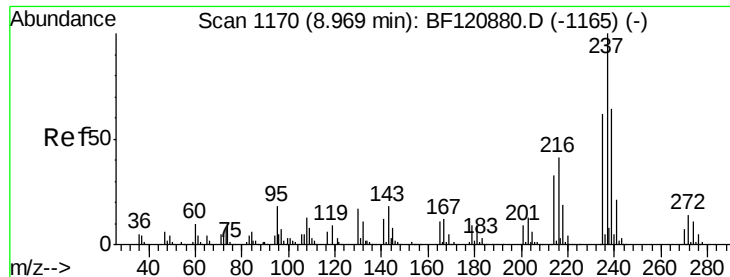
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.843 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.8
179	20.4	16.6	24.8
108	21.0	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 82.215 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

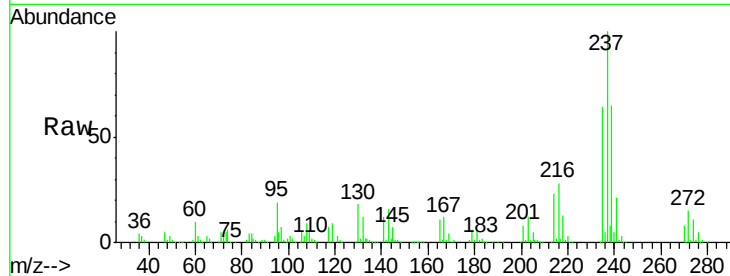
ClientSampleId :

TP-16-DMSD

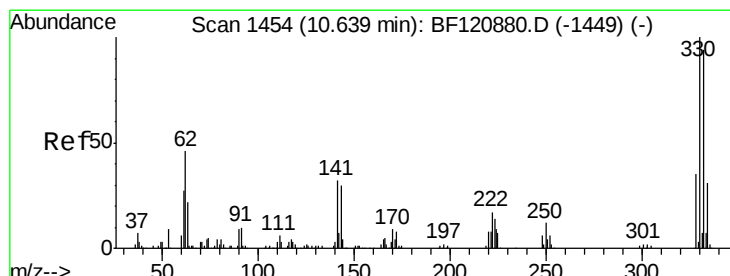
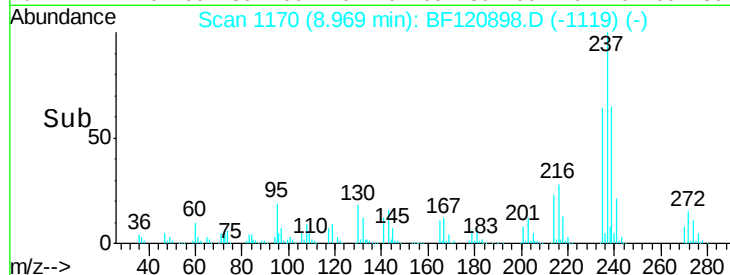
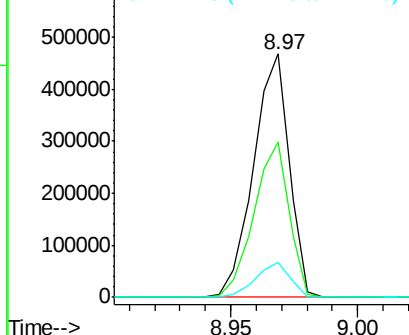
Tot Ion:	237	Resp:	459747
Ion Ratio	Lower	Upper	
237	100		
235	63.7	41.6	81.6
272	14.5	0.0	33.7

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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: 103.302 ng

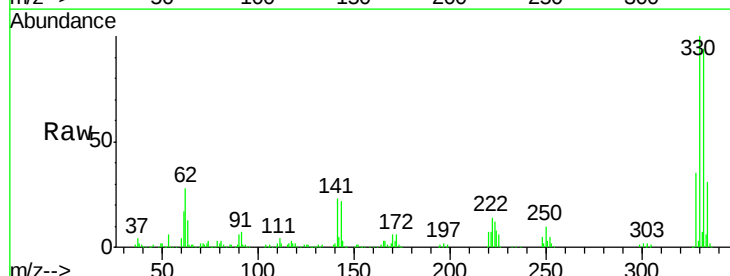
RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

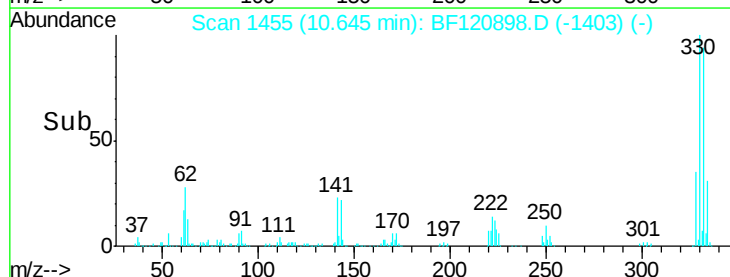
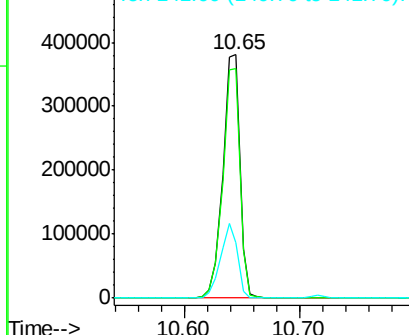
Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Tgt Ion:	330	Resp:	392675
Ion Ratio	Lower	Upper	
330	100		
332	95.0	75.5	113.3
141	30.4	25.7	38.5



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





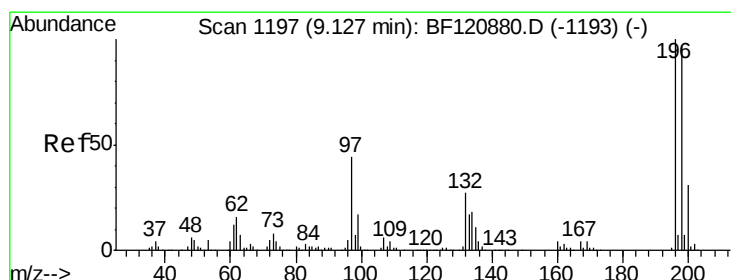
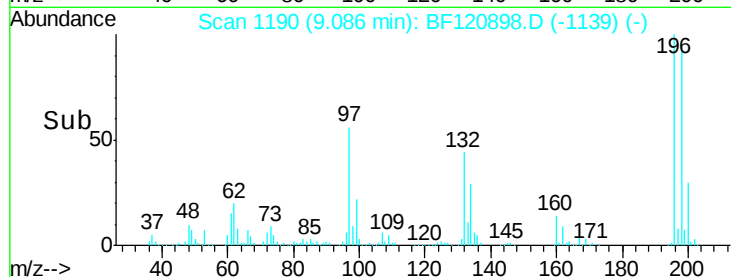
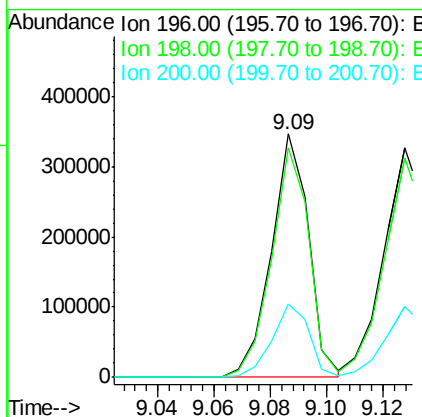
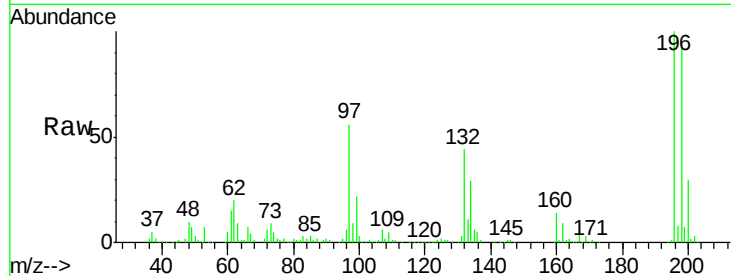
#43
 2,4,6-Trichlorophenol
 Concen: 44.611 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	317808		
198	94.1	75.7	113.5	
200	30.3	24.4	36.6	

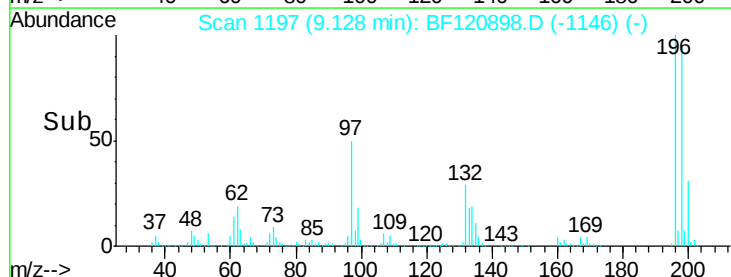
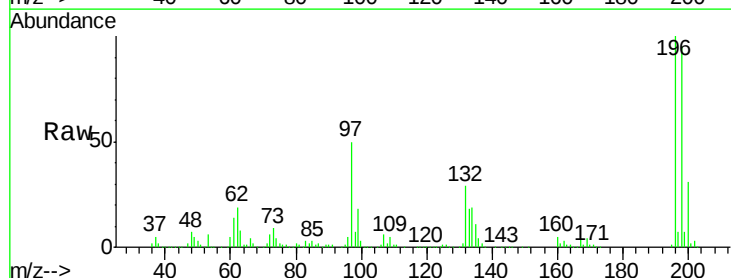
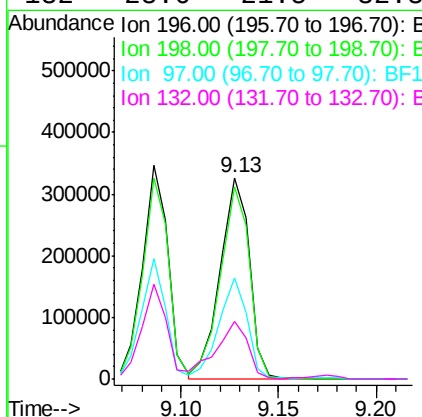
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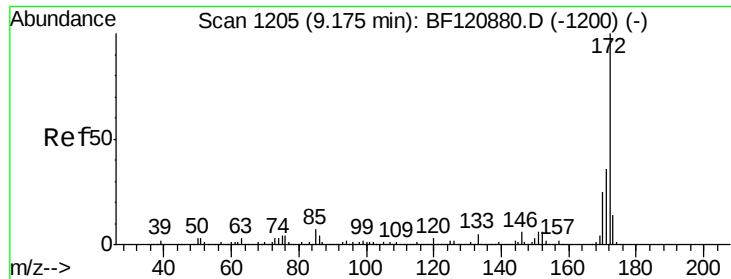
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#44
 2,4,5-Trichlorophenol
 Concen: 42.194 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	340970		
198	95.2	77.6	116.4	
97	50.4	35.6	53.4	
132	28.6	21.5	32.3	





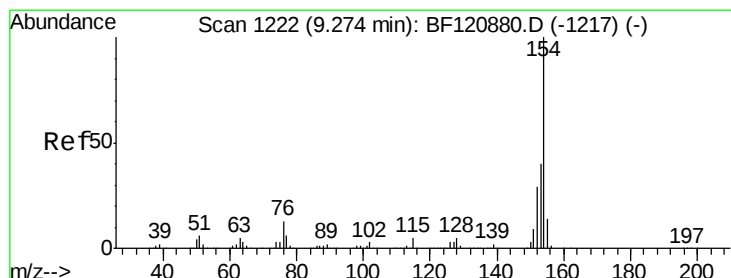
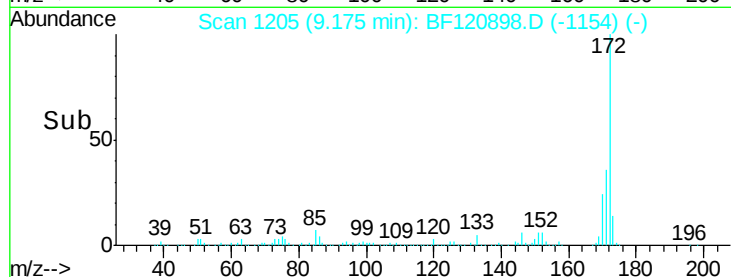
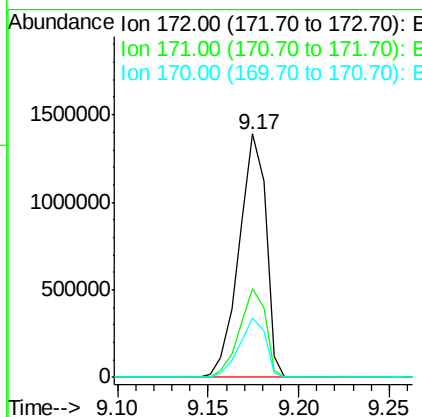
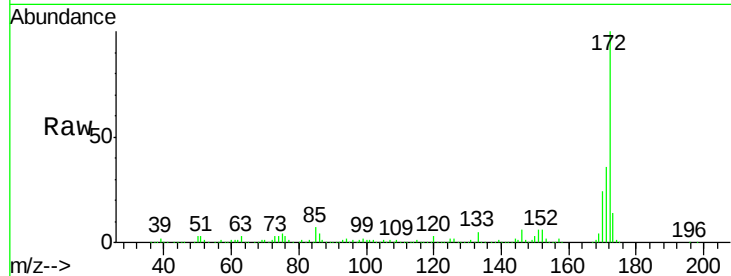
#45
2-Fluorobiphenyl
Concen: 61.606 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.4	19.6	29.4

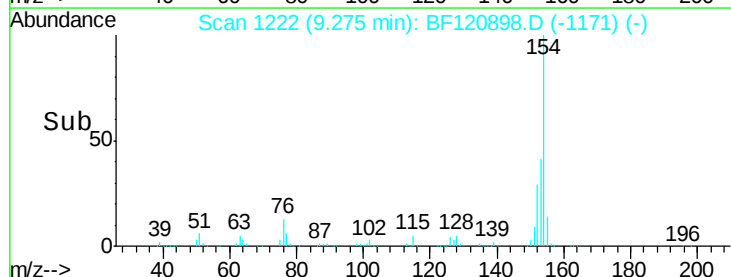
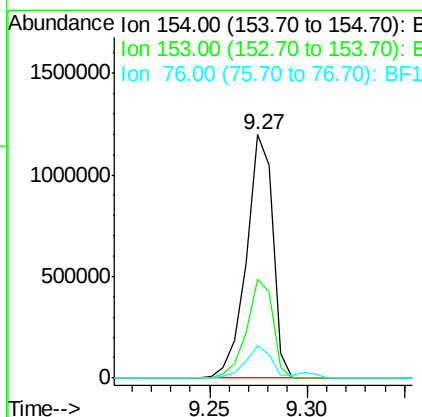
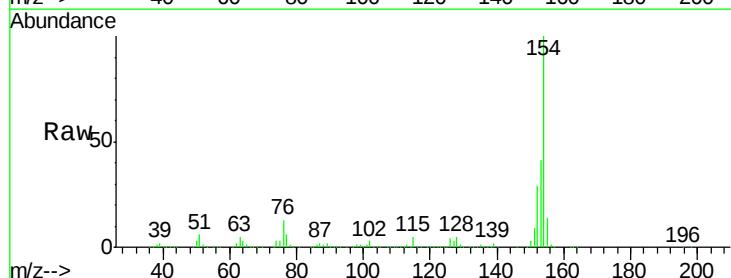
Manual Integrations
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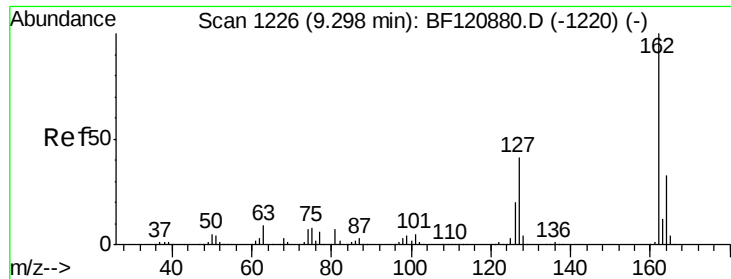
mohammad
7/17/2020 12:30:22 PM



#46
1,1'-Biphenyl
Concen: 42.337 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.4	60.4
76	13.1	0.0	33.1





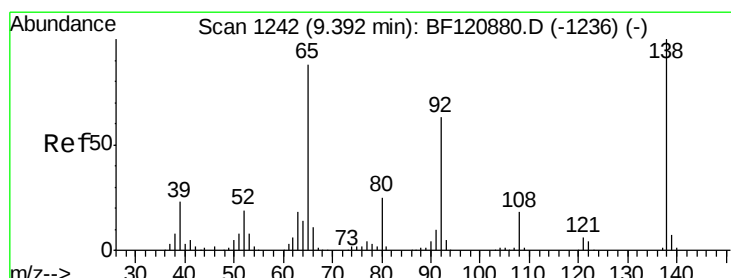
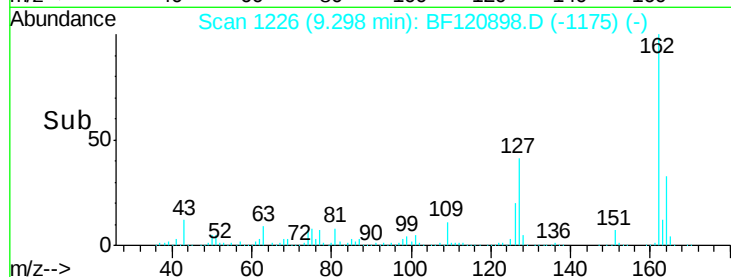
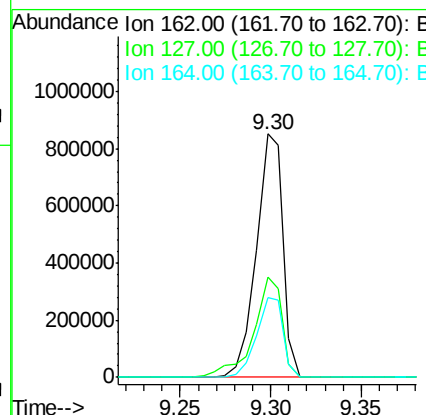
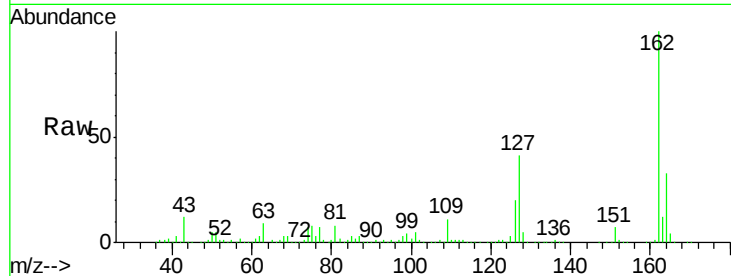
#47
2-Chloronaphthalene
Concen: 40.041 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	864770		
127	41.1		33.3	49.9
164	33.0		26.6	39.8

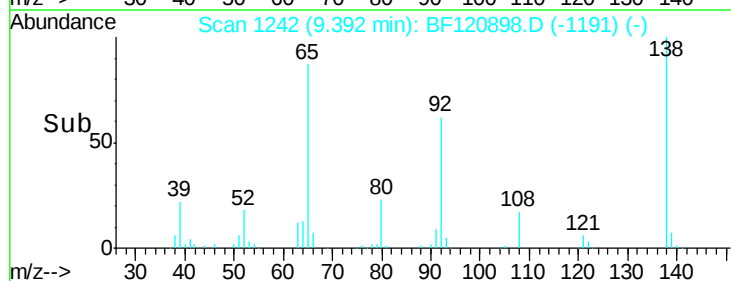
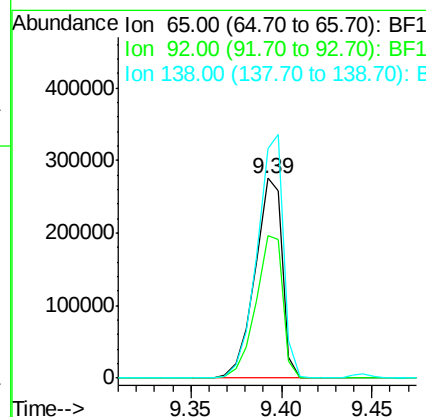
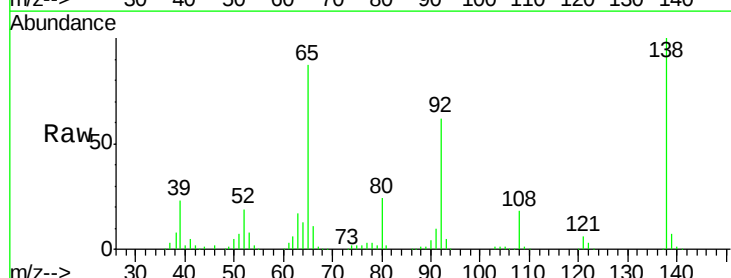
Manual Integrations
APPROVED

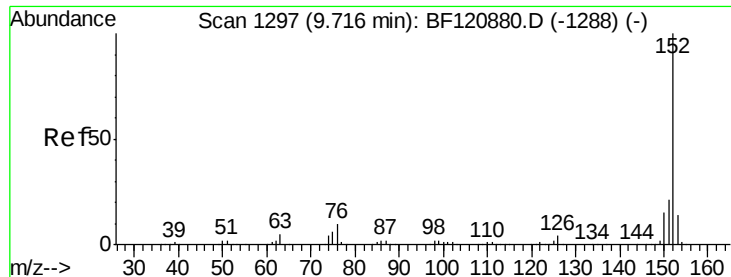
mohammad
7/17/2020 12:30:22 PM



#48
2-Nitroaniline
Concen: 44.093 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	287789		
92	71.5		57.0	85.4
138	114.6		90.4	135.6





#49

Acenaphthylene

Concen: 42.845 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

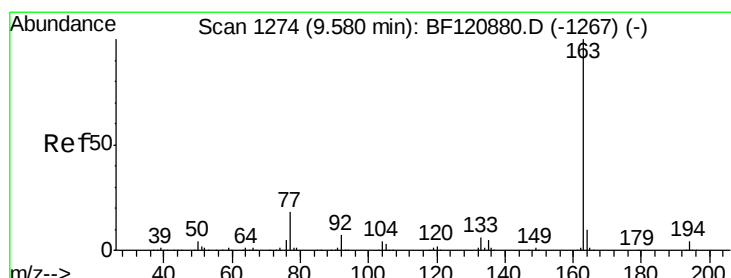
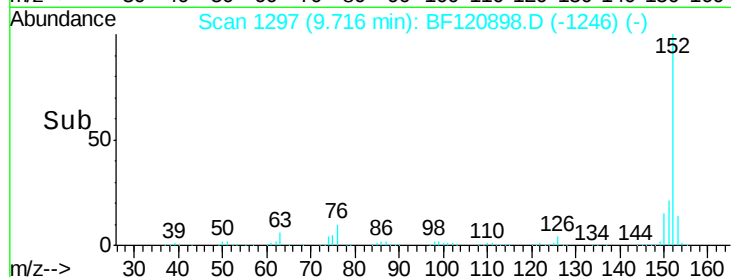
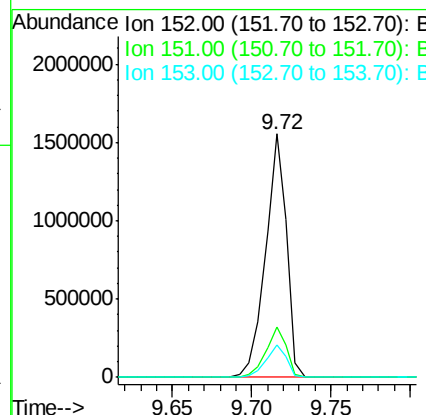
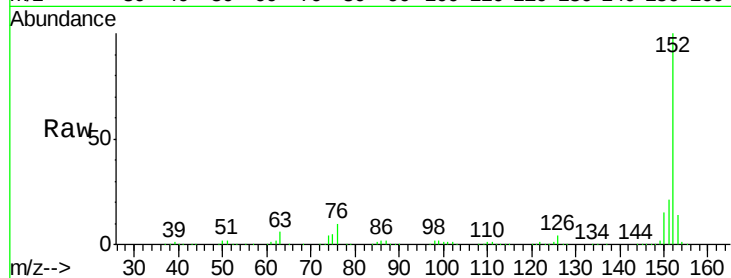
ClientSampleId :

TP-16-DMSD

Tot Ion:	152	Resp:	1437527
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.6	25.0
153	13.5	10.9	16.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 51.539 ng

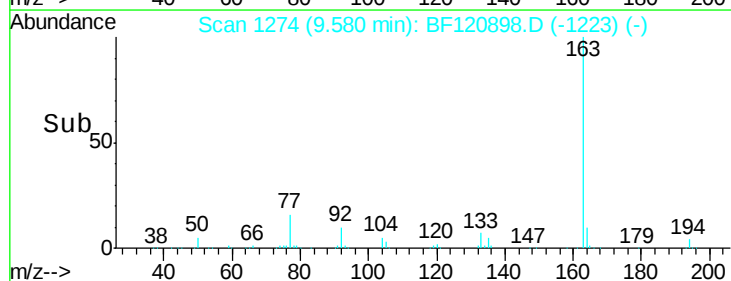
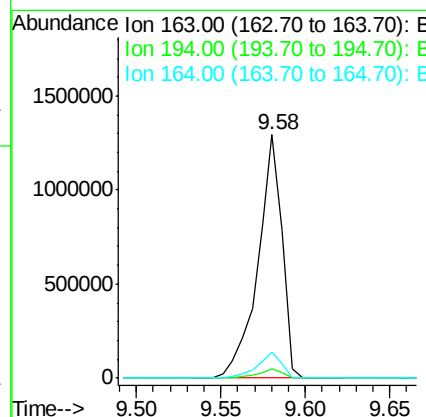
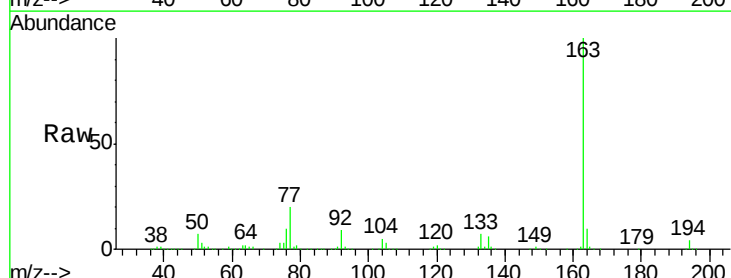
RT: 9.58 min Scan# 1274

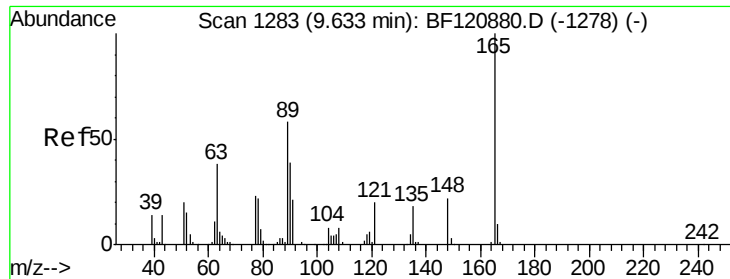
Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Tgt Ion:	163	Resp:	1291240
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	7.9	11.9





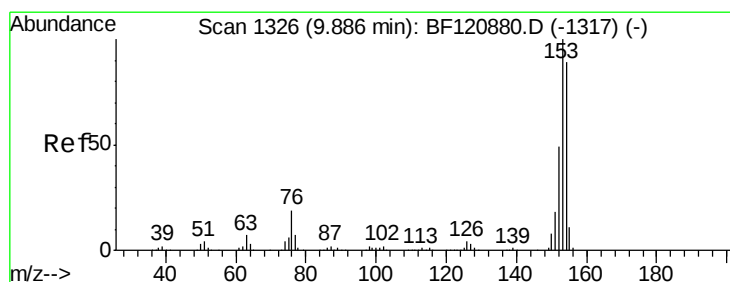
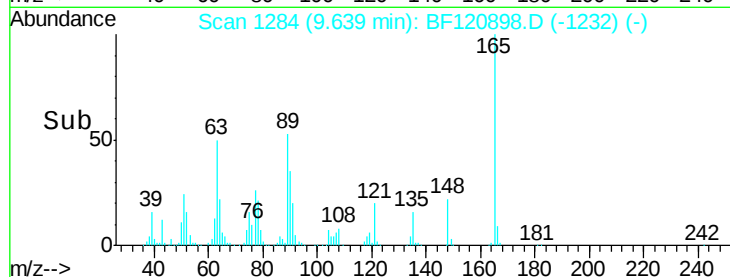
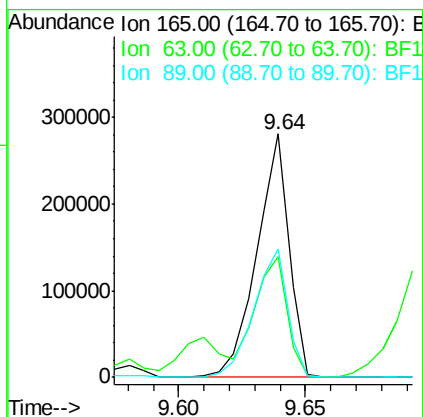
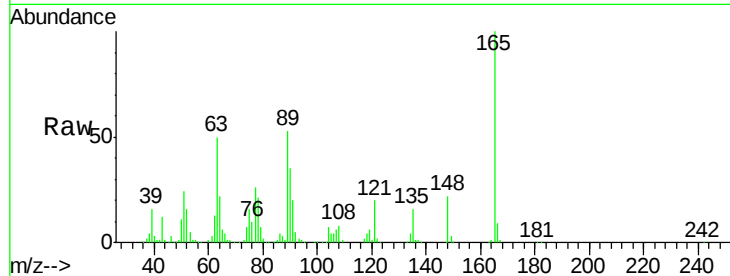
#51
2,6-Dinitrotoluene
Concen: 46.351 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	249484		
63	49.7	45.4	68.2	
89	52.6	47.0	70.4	

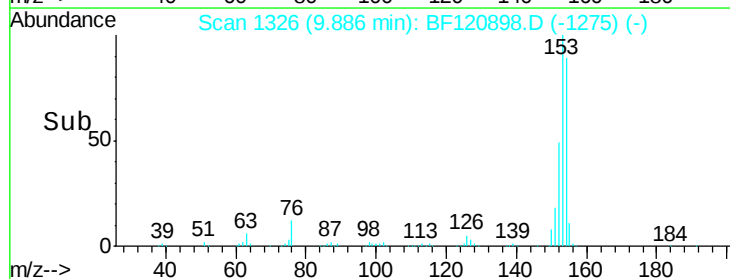
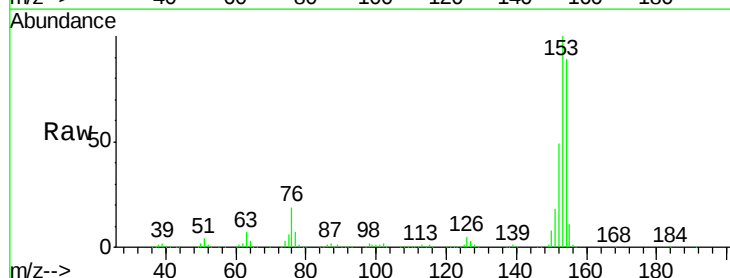
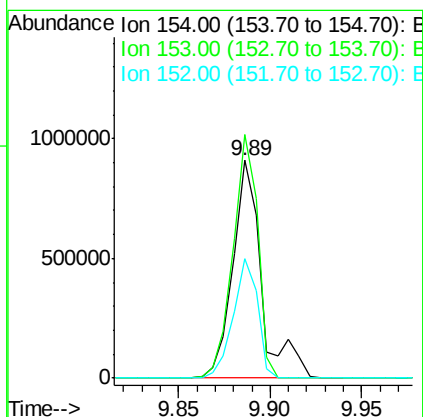
Manual Integrations
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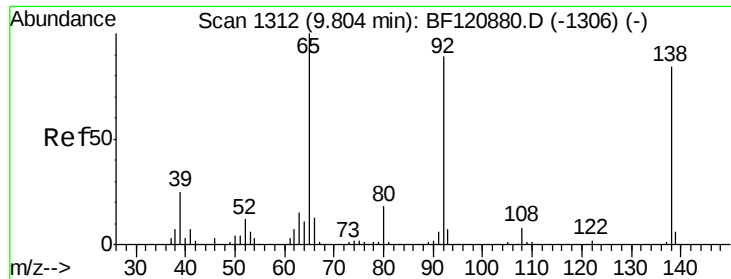
mohammad
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#52
Acenaphthene
Concen: 46.379 ng m
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	989323		
153	111.7	89.5	134.3	
152	54.7	44.2	66.2	





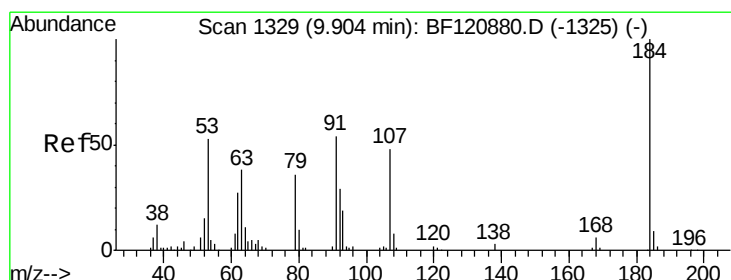
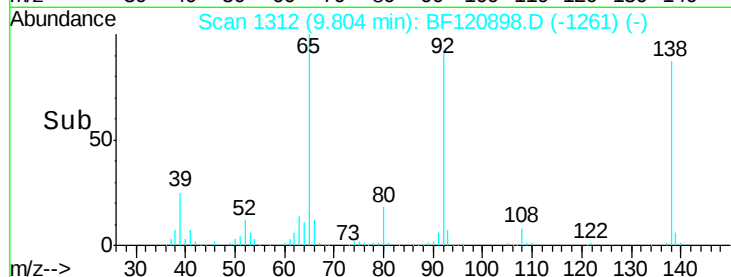
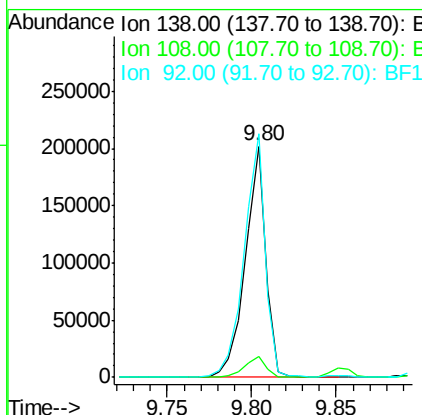
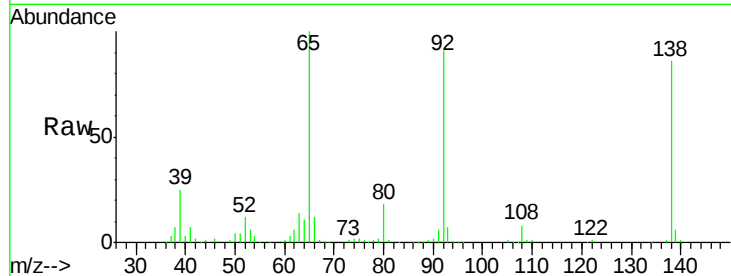
#53
3-Nitroaniline
Concen: 25.495 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	7.9	11.9
92	105.3	85.3	127.9

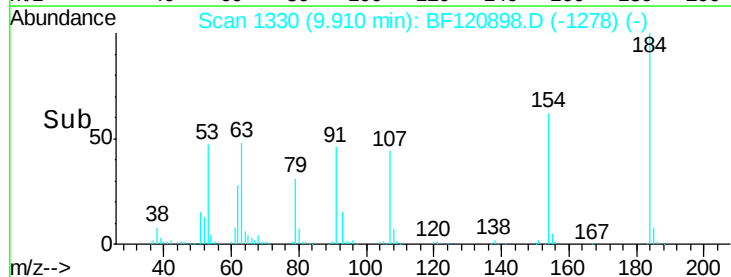
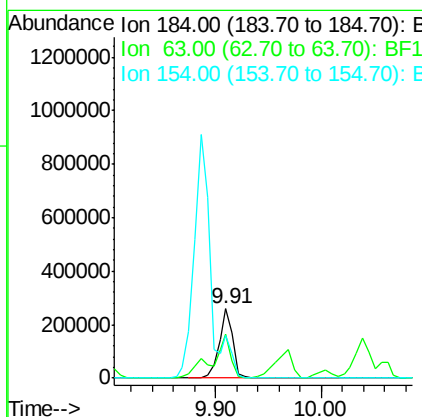
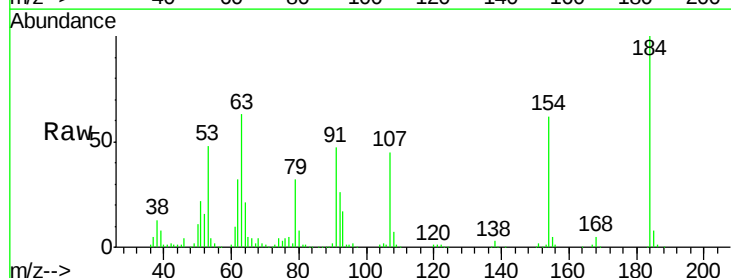
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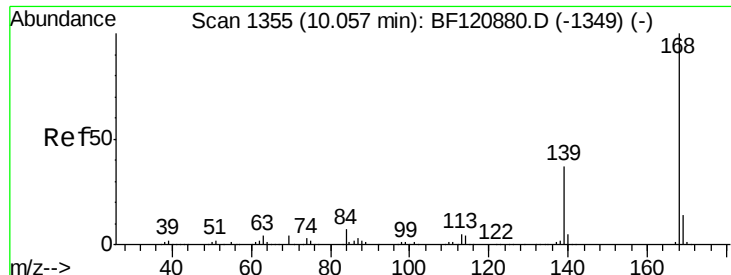
mohammad
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#54
2,4-Dinitrophenol
Concen: 75.644 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.0	57.9	86.9
154	62.0	52.6	78.8





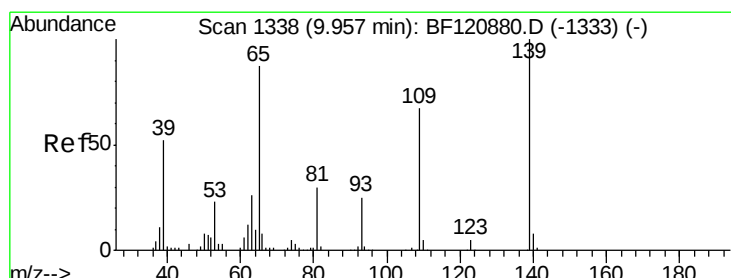
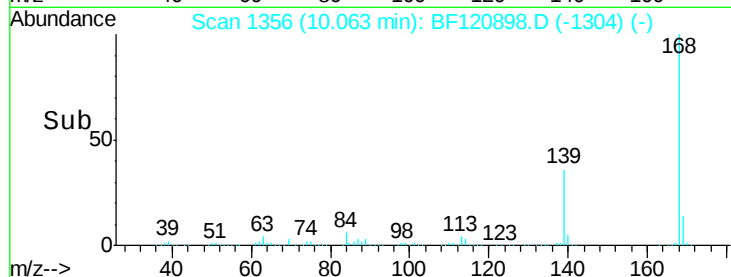
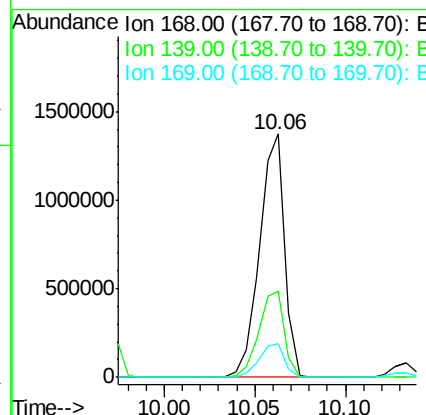
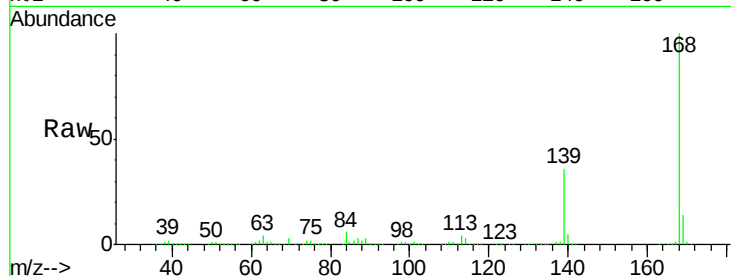
#55
Dibenzenofuran
Concen: 42.638 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.6	29.7	44.5
169	13.7	11.1	16.7

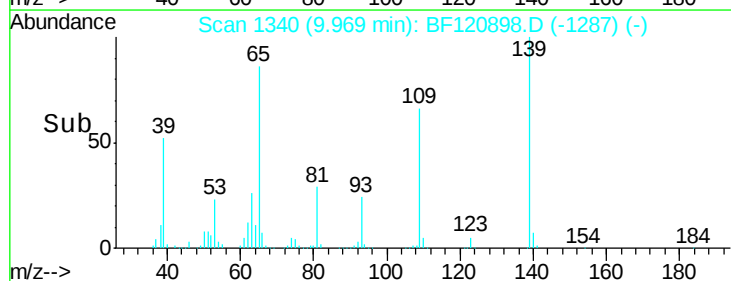
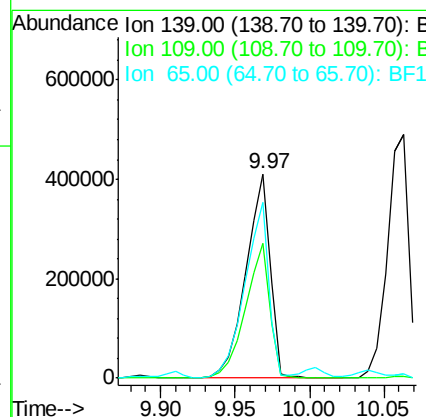
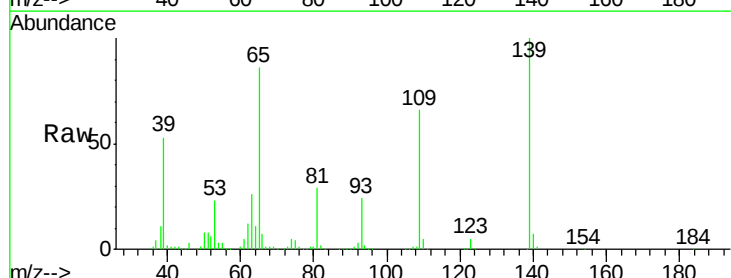
Manual Integrations
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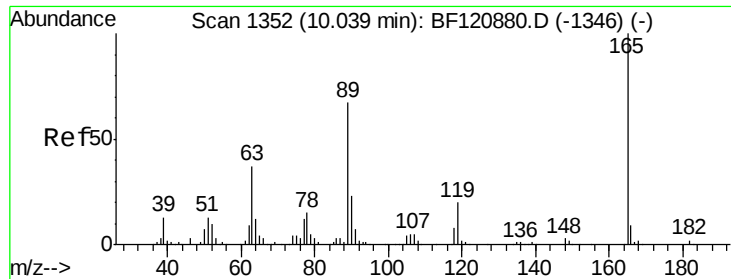
mohammad
7/17/2020 12:30:22 PM



#56
4-Nitrophenol
Concen: 90.606 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.0	47.3	87.3
65	86.1	67.2	107.2





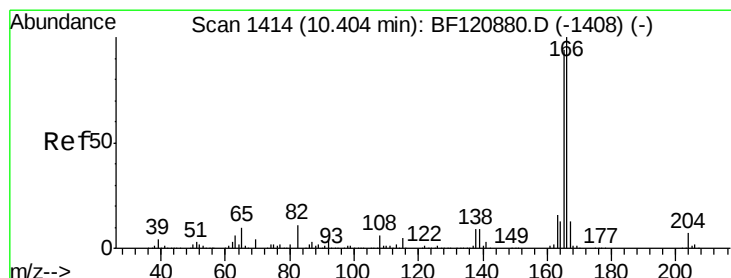
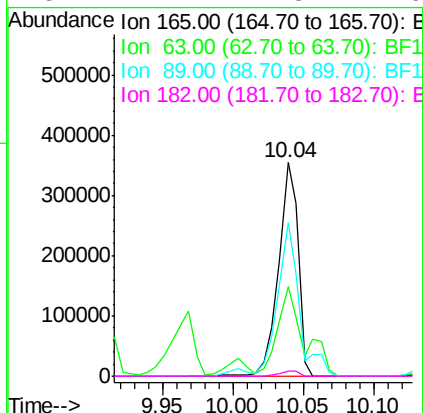
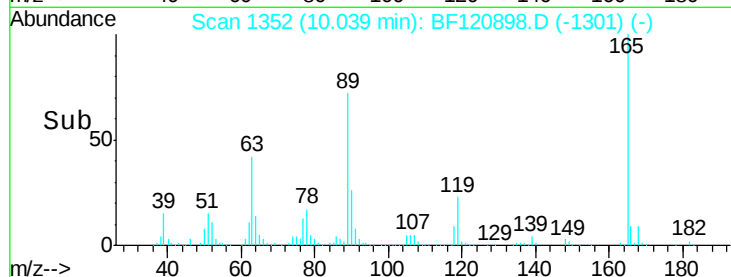
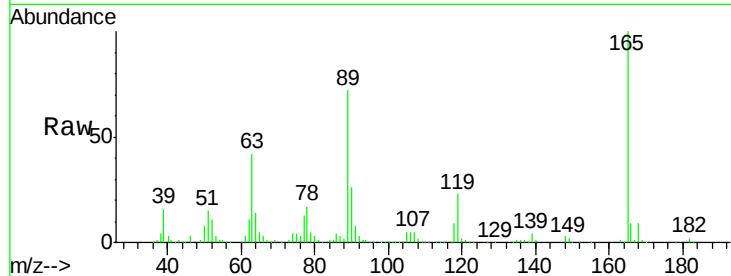
#57
2,4-Dinitrotoluene
Concen: 48.667 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	42.0	29.4	44.2
89	71.9	53.4	80.0
182	2.4	1.8	2.6

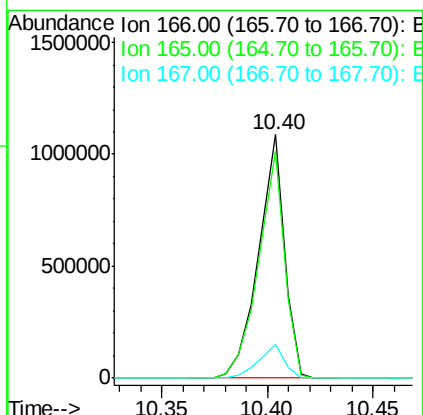
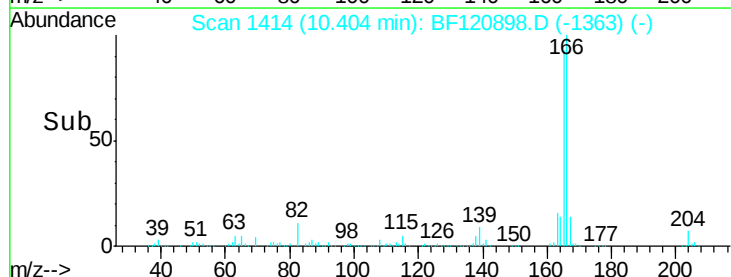
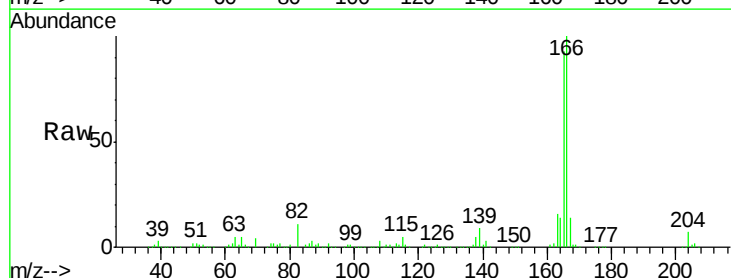
Manual Integrations
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#58
Fluorene
Concen: 40.886 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	93.5	75.4	113.0
167	13.8	10.6	15.8





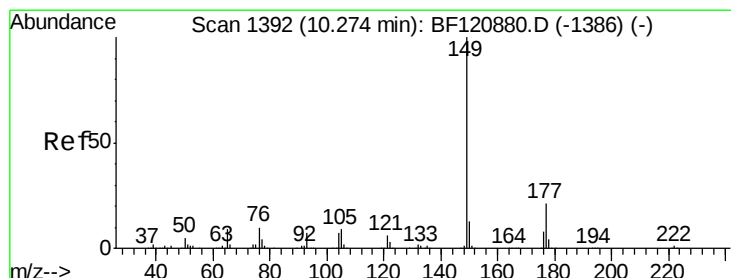
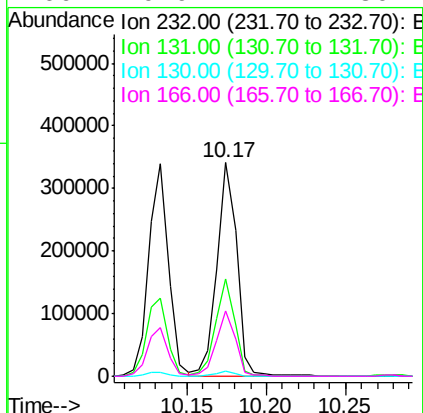
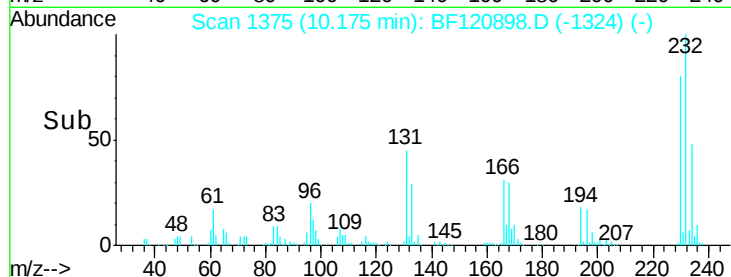
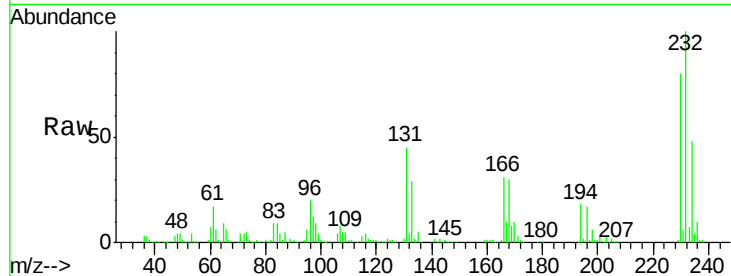
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.922 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.1	55.7
130	2.3	1.7	2.5
166	29.9	24.2	36.4

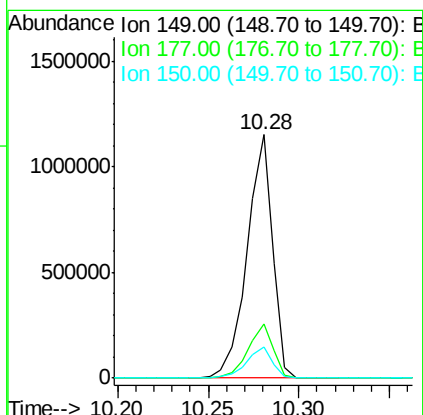
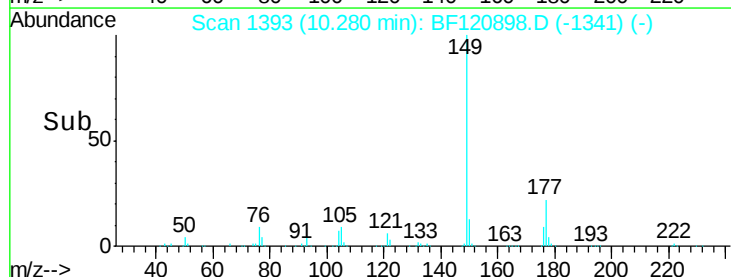
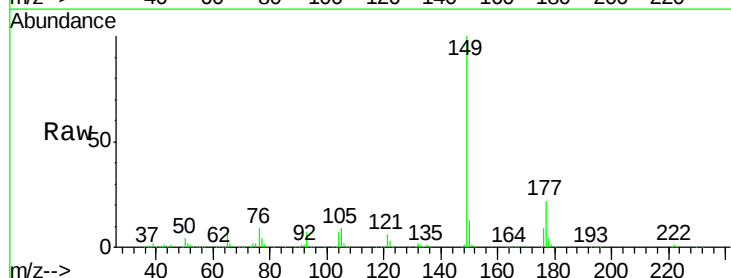
Manual Integrations
APPROVED

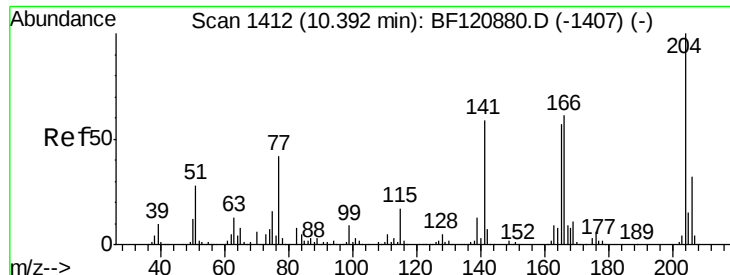
mohammad
7/17/2020 12:30:22 PM



#60
Diethylphthalate
Concen: 44.148 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.1	25.7
150	12.9	10.3	15.5





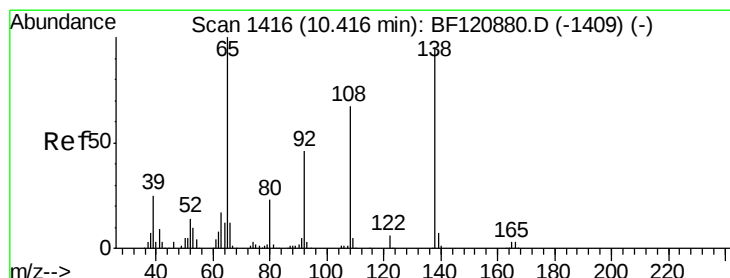
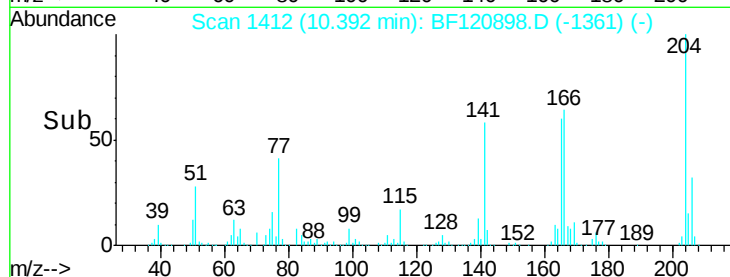
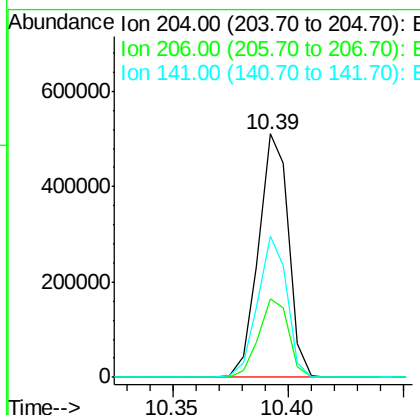
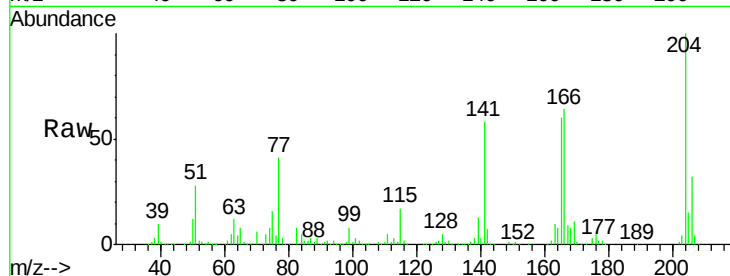
#61
 4-Chlorophenyl-phenylether
 Concen: 37.762 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.9	38.9
141	57.9	47.2	70.8

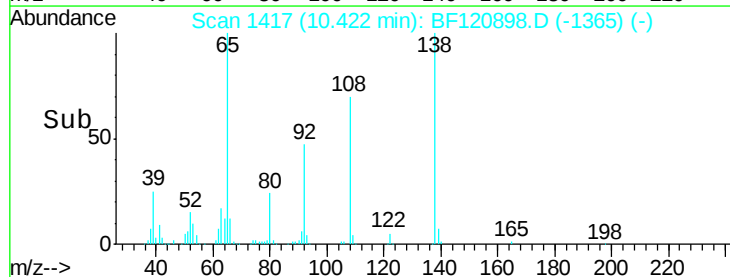
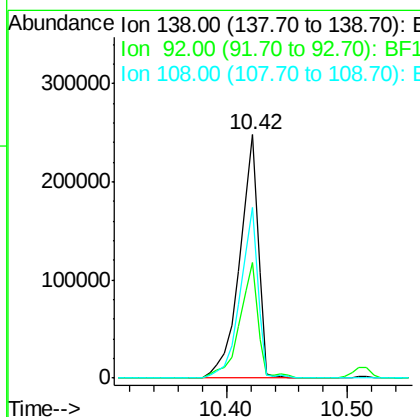
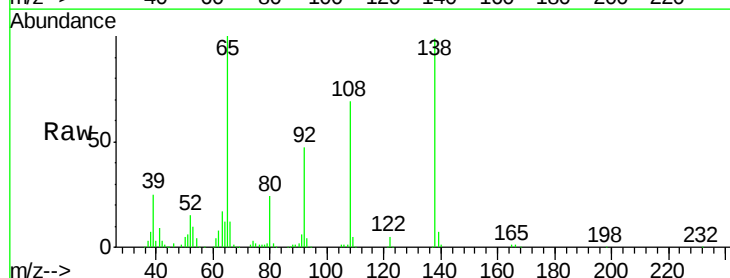
Manual Integrations
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#62
 4-Nitroaniline
 Concen: 40.831 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	28.6	68.6
108	70.1	51.1	91.1





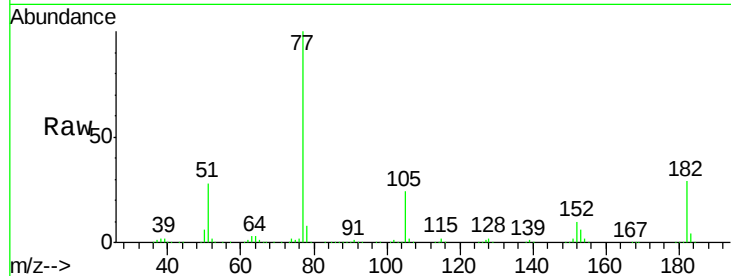
#63
Azobenzene
Concen: 43.194 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.5	7.8	47.8	
105	24.2	4.4	44.4	
51	28.2	8.0	48.0	

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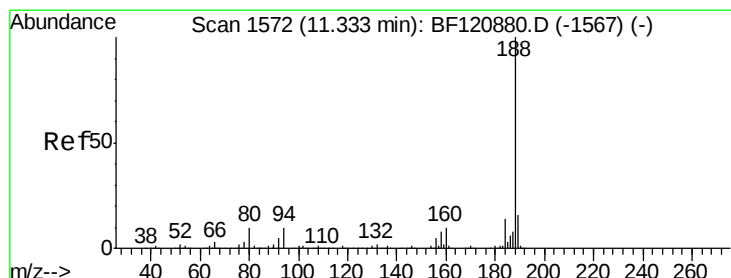
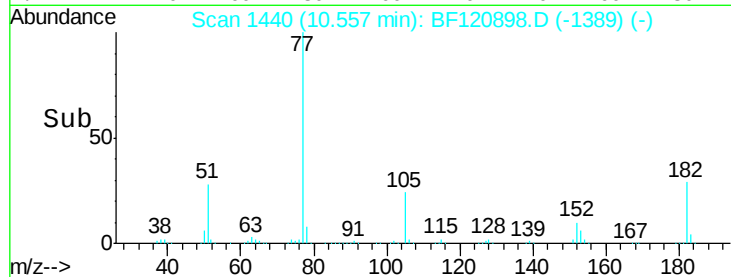
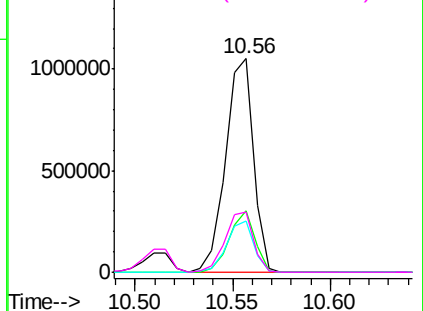


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

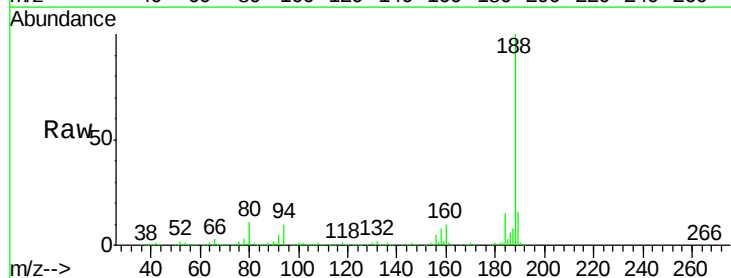
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

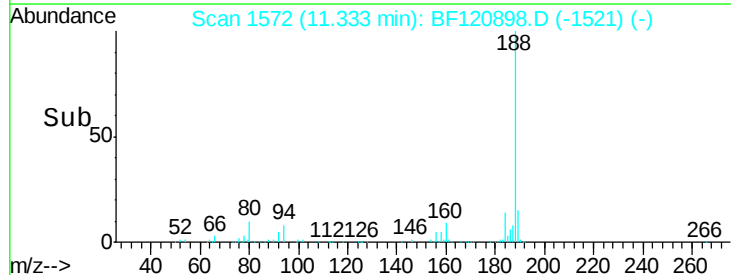
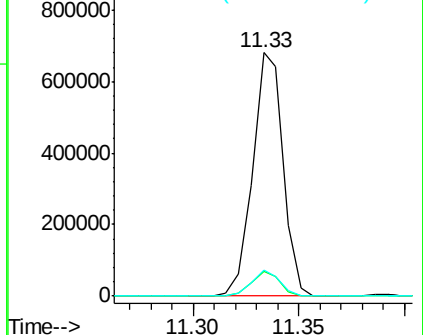
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.0	8.0	12.0	
80	10.5	8.3	12.5	

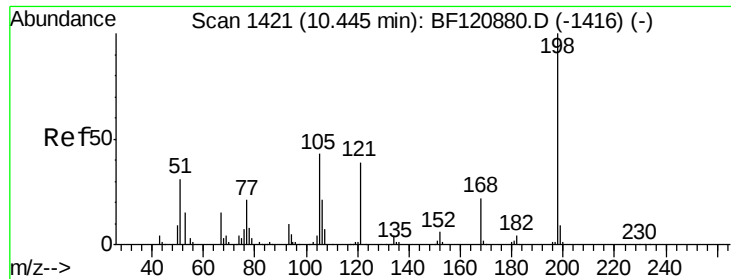


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





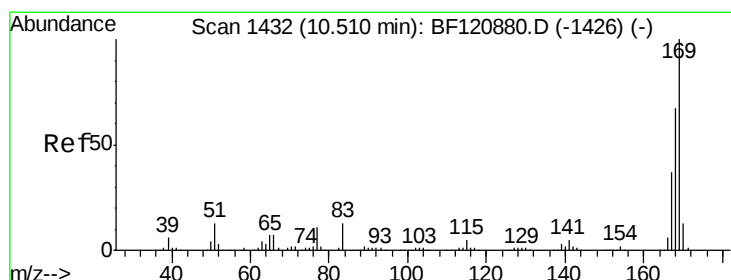
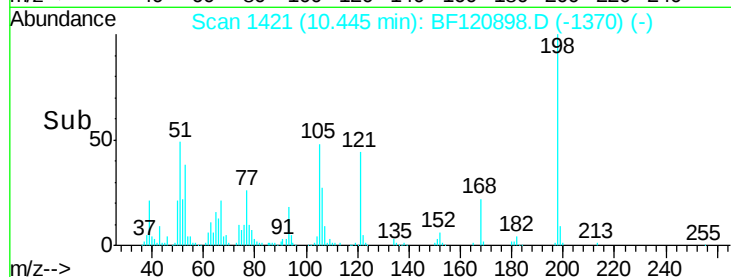
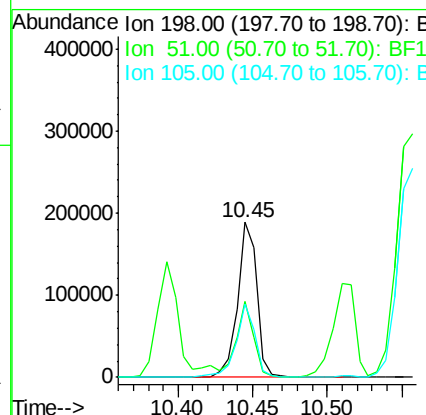
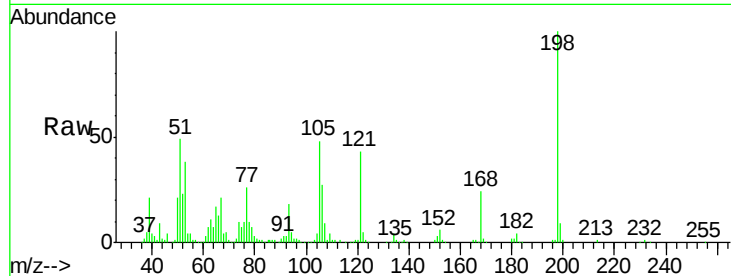
#65
4,6-Dinitro-2-methylphenol
Concen: 44.406 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	173379		
51	48.8	19.5	59.5	
105	47.7	24.4	64.4	

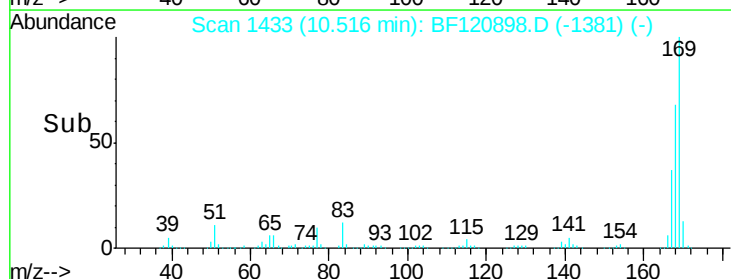
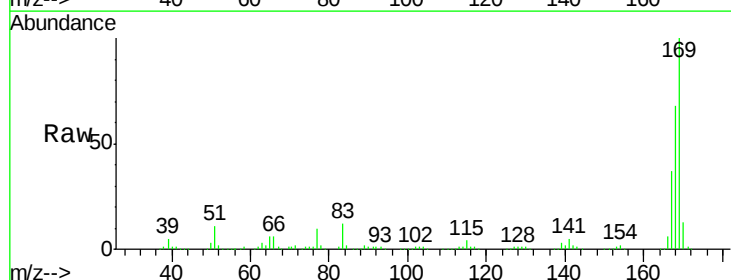
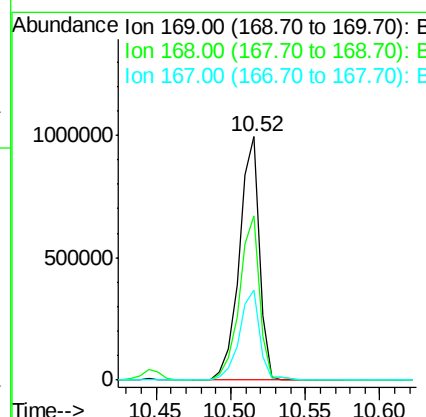
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#66
n-Nitrosodiphenylamine
Concen: 44.017 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	940761		
168	67.6	53.4	80.0	
167	37.2	29.4	44.0	





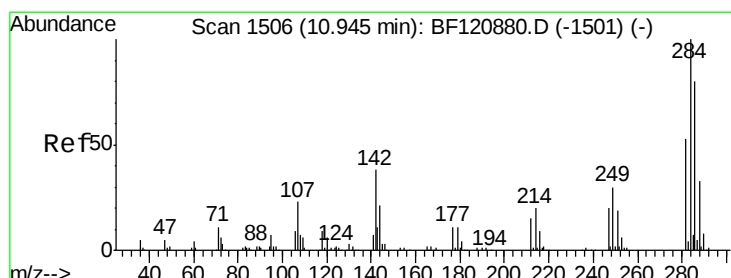
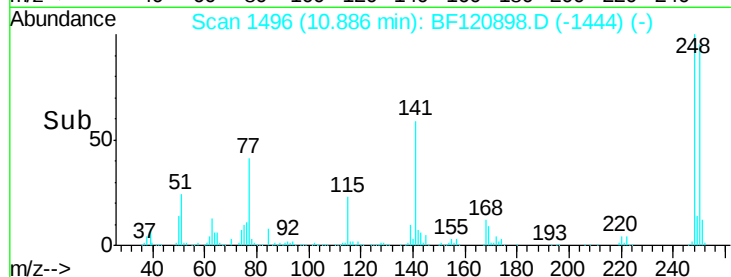
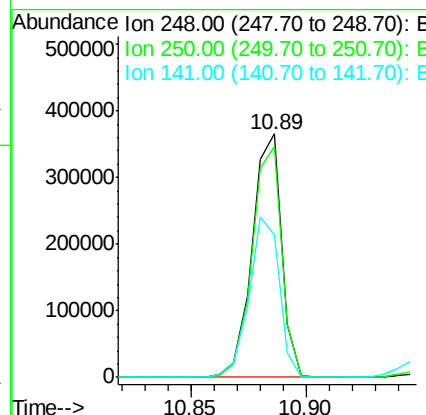
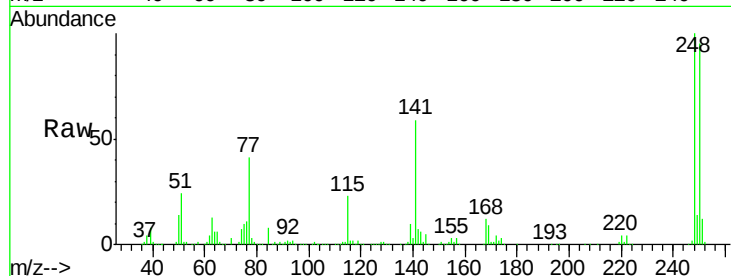
#67
4-Bromophenyl-phenylether
Concen: 43.016 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.6	77.1	115.7
141	58.8	61.2	91.8#

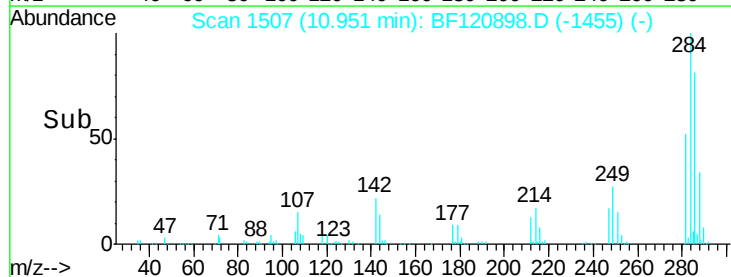
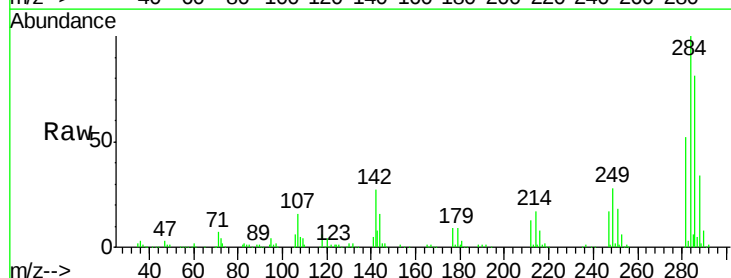
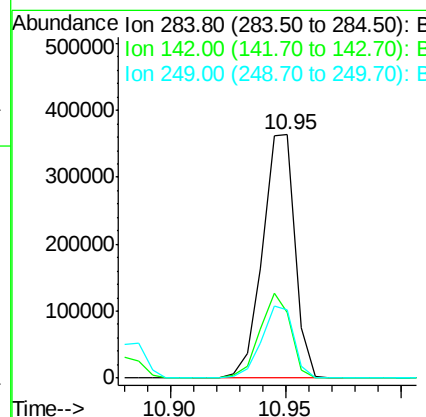
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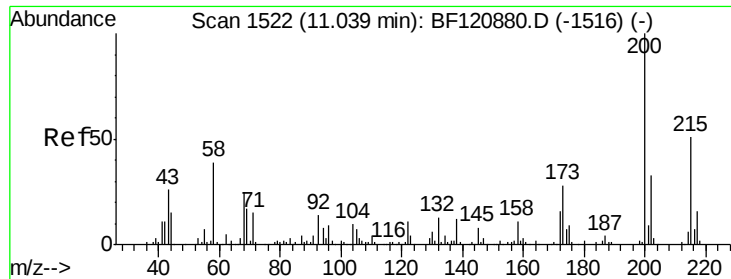
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#68
Hexachlorobenzene
Concen: 43.570 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	30.2	45.2#
249	28.2	24.2	36.2





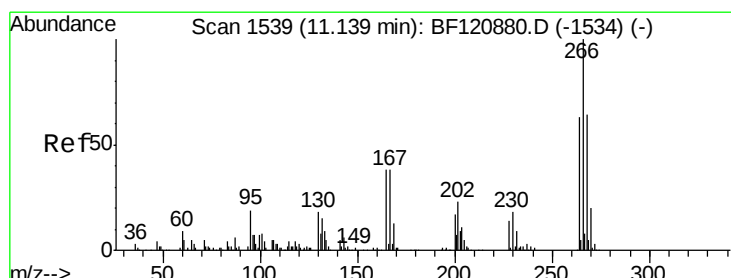
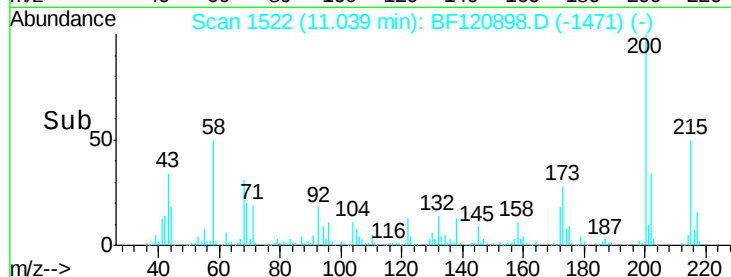
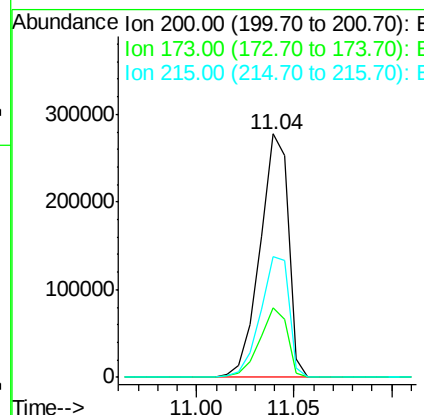
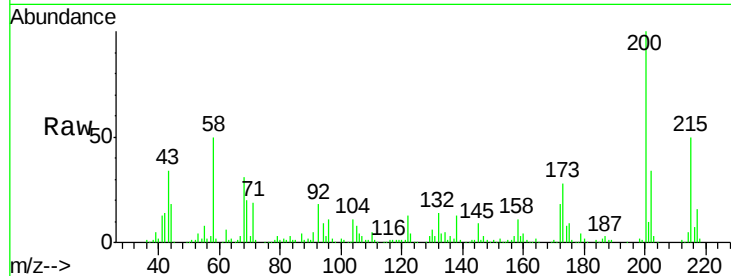
#69
Atrazine
Concen: 52.741 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.5	8.0	48.0
215	49.5	31.5	71.5

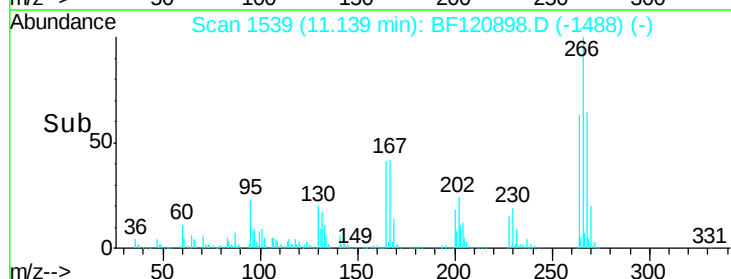
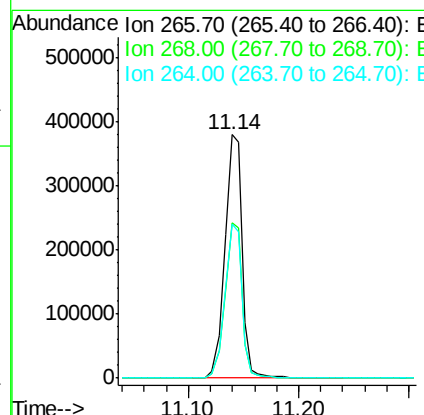
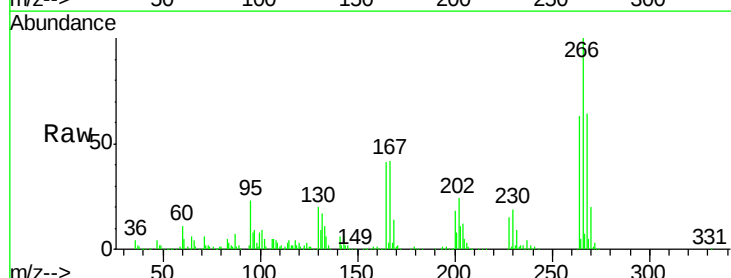
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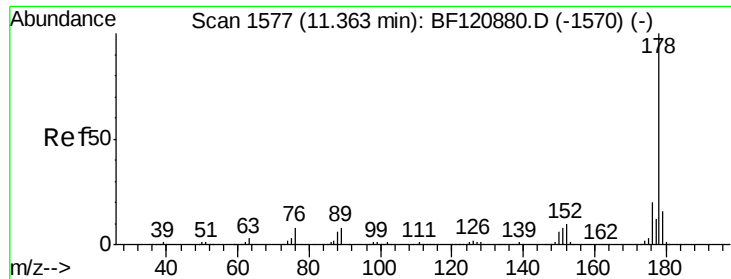
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#70
Pentachlorophenol
Concen: 88.408 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.0	51.1	76.7
264	63.2	50.2	75.2





#71

Phenanthrene

Concen: 42.309 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampleId :

TP-16-DMSD

Tot Ion:178 Resp: 1478351

Ion Ratio Lower Upper

178 100

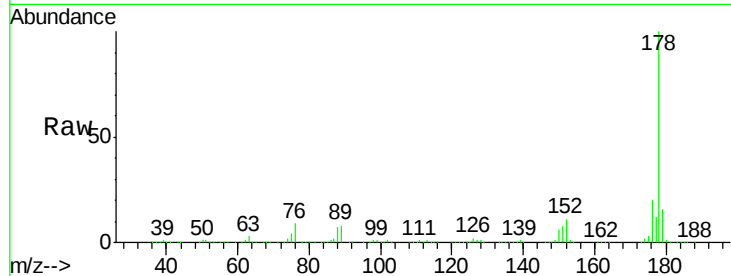
176 20.3 16.2 24.4

179 16.0 12.8 19.2

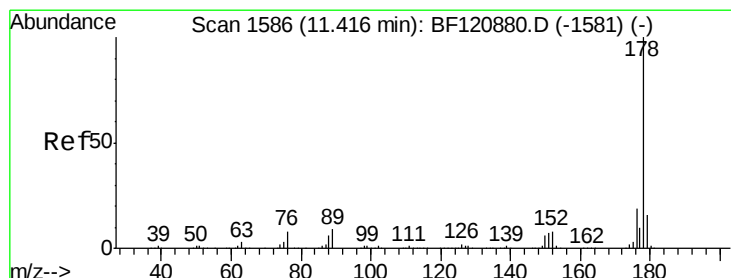
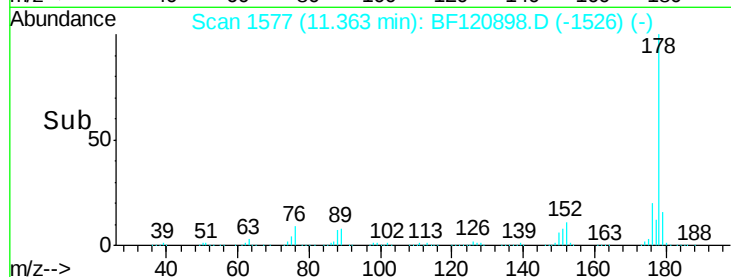
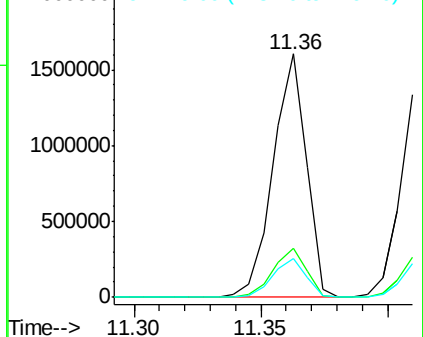
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.969 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

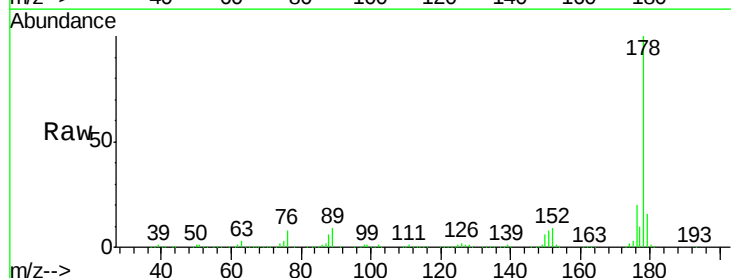
Tgt Ion:178 Resp: 1507633

Ion Ratio Lower Upper

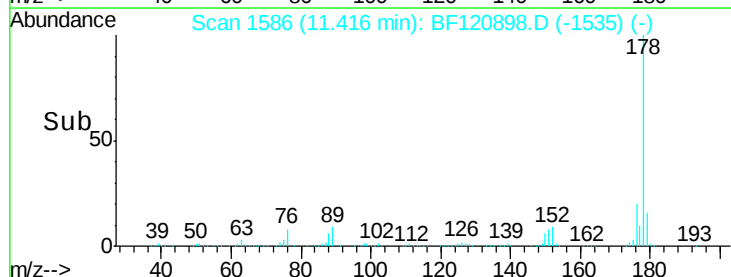
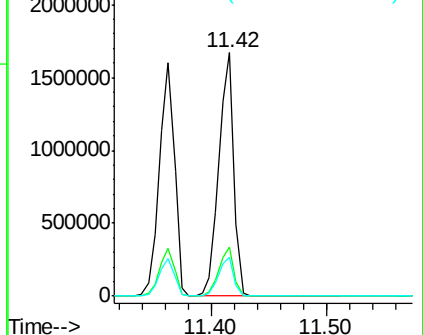
178 100

176 19.9 15.5 23.3

179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





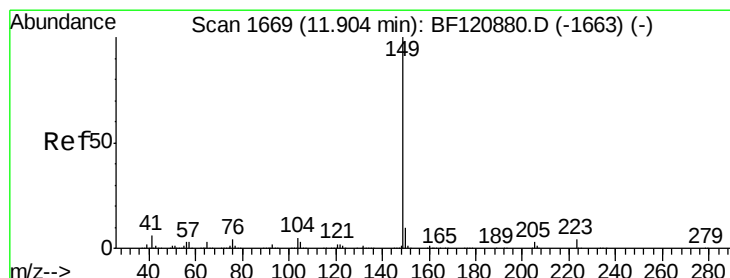
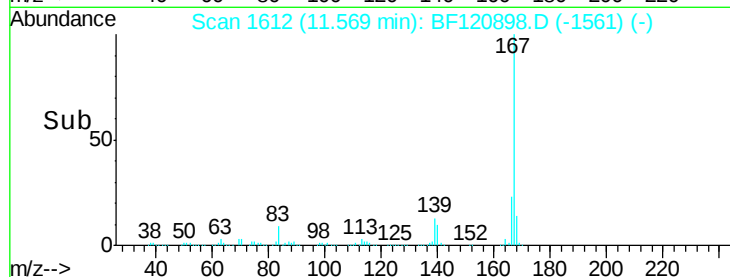
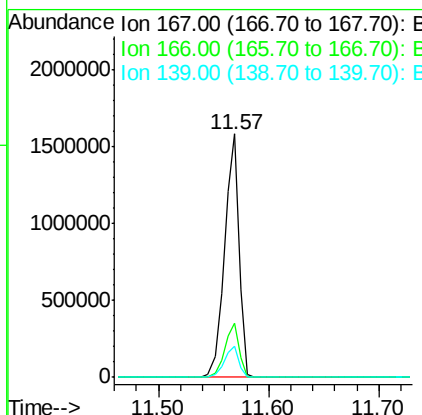
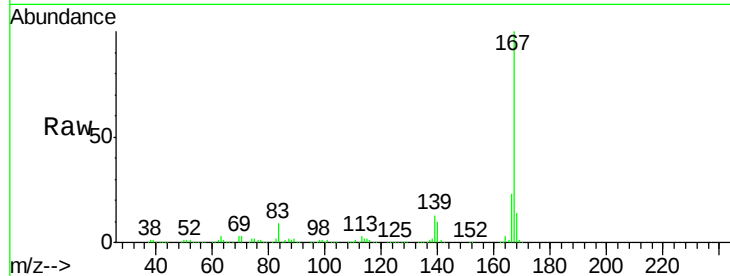
#73
 Carbazole
 Concen: 41.611 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

Tot Ion:167 Resp: 1448911
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.7 26.5
 139 13.0 10.1 15.1

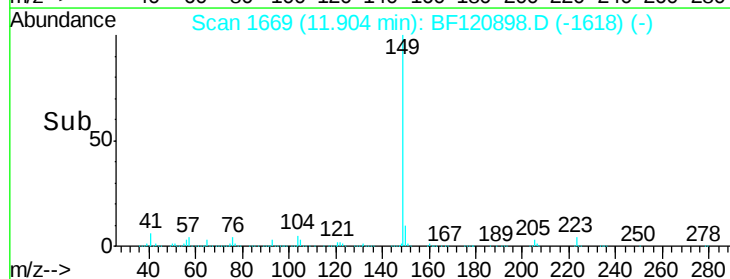
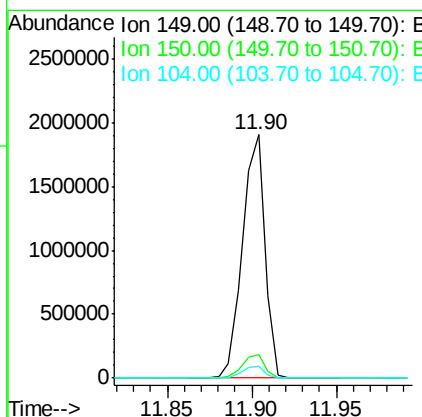
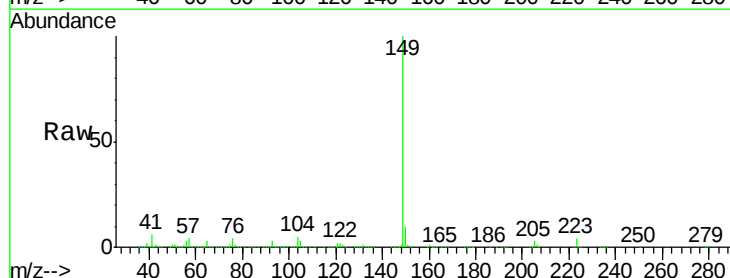
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#74
 Di-n-butylphthalate
 Concen: 44.067 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion:149 Resp: 1770736
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 4.8 3.8 5.6





#75

Fluoranthene

Concen: 43.308 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

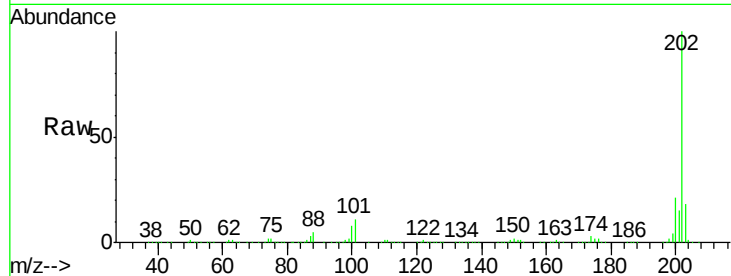
ClientSampleId :

TP-16-DMSD

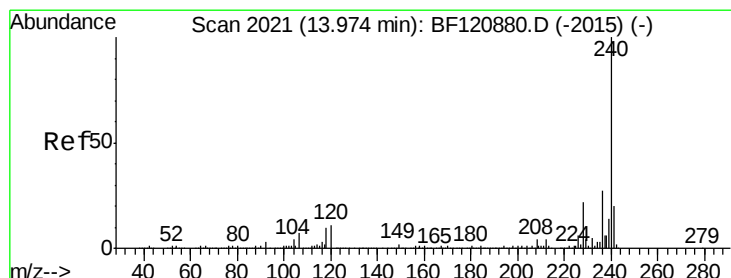
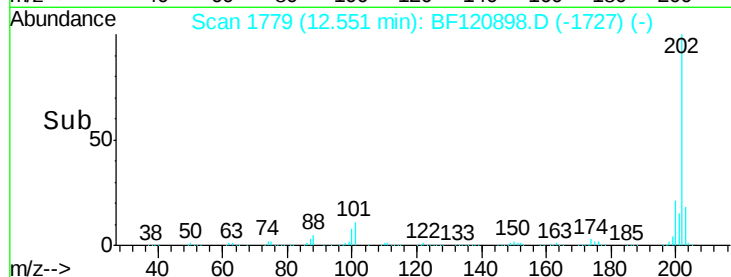
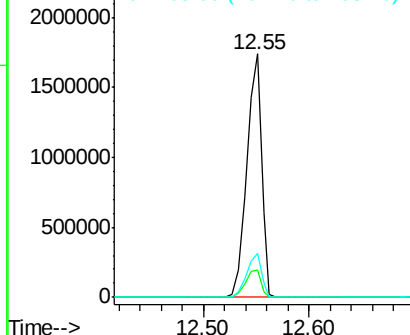
Tot Ion:	202	Resp:	1677327
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	32.7
203	18.0	0.0	38.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

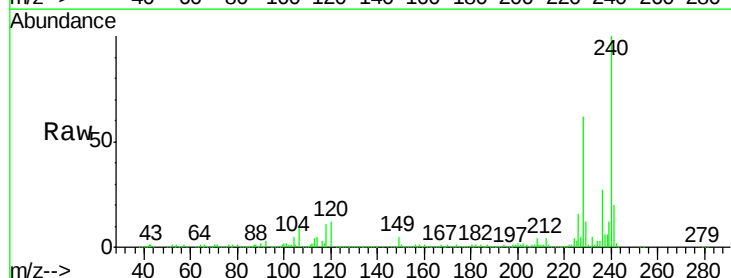
RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

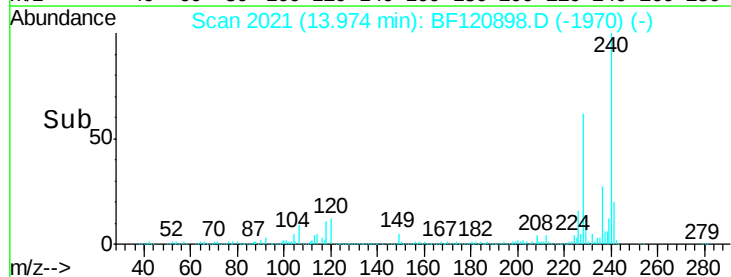
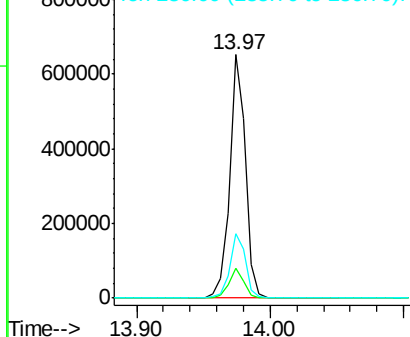
Lab File: BF120898.D

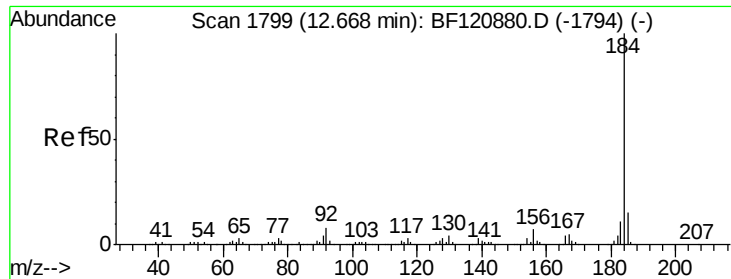
Acq: 16 Jul 2020 21:25

Tgt Ion:	240	Resp:	541591
Ion Ratio	Lower	Upper	
240	100		
120	12.5	9.0	13.4
236	26.6	21.7	32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.356 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

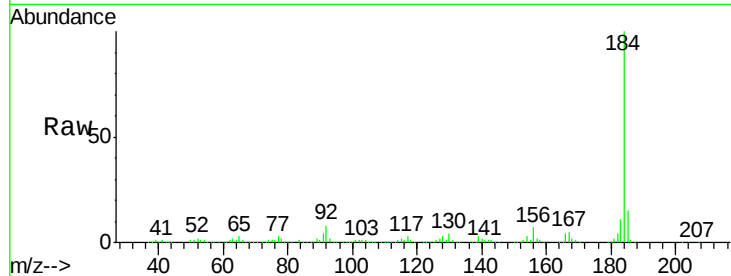
ClientSampleId :

TP-16-DMSD

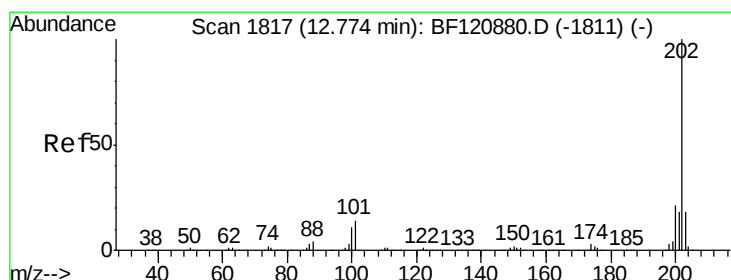
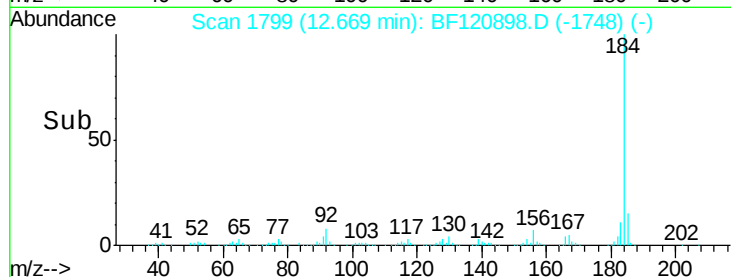
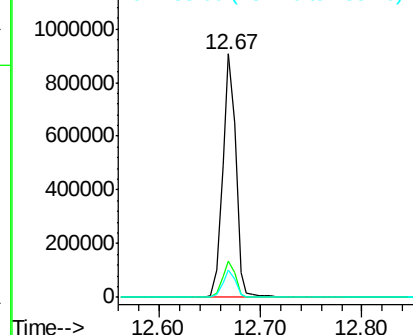
Tot Ion:	184	Resp:	816711
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.2
183	11.1	8.5	12.7

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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



#78

Pyrene

Concen: 44.304 ng

RT: 12.78 min Scan# 1818

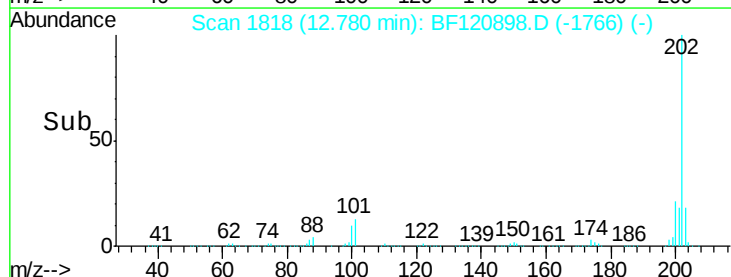
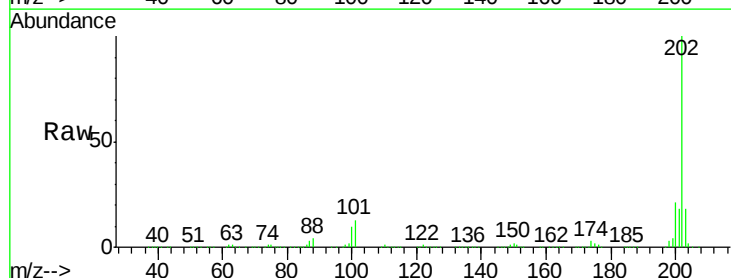
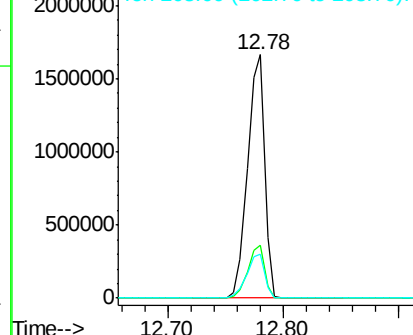
Delta R.T. 0.01 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Tgt Ion:	202	Resp:	1696419
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.0	25.4
203	18.1	14.4	21.6

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





#79

Terphenyl-d14

Concen: 62.938 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampleId :

TP-16-DMSD

Tot Ion:244 Resp: 1568075

Ion Ratio Lower Upper

244 100

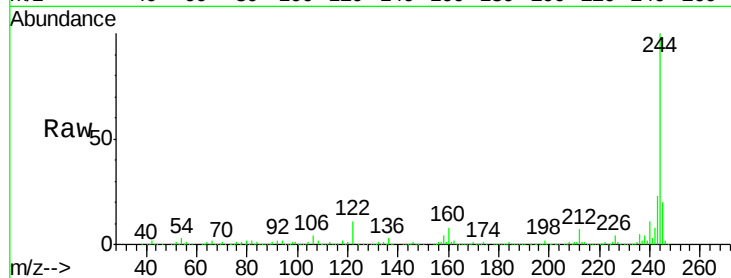
212 7.2 5.6 8.4

122 11.2 8.9 13.3

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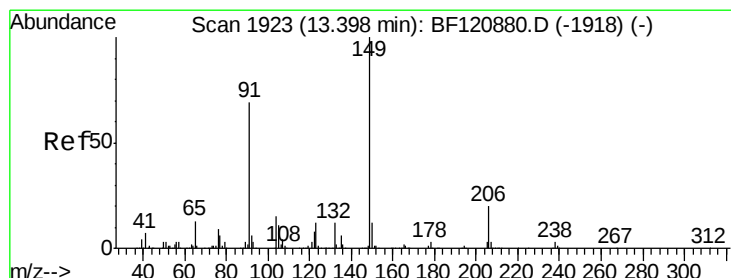
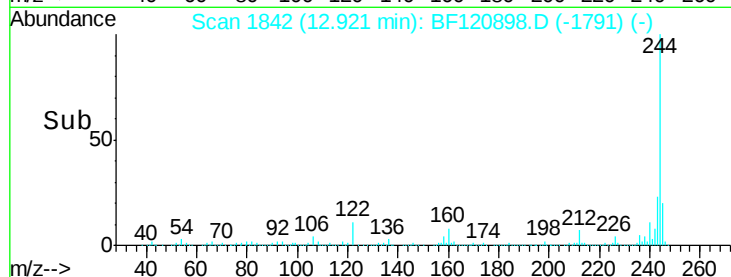
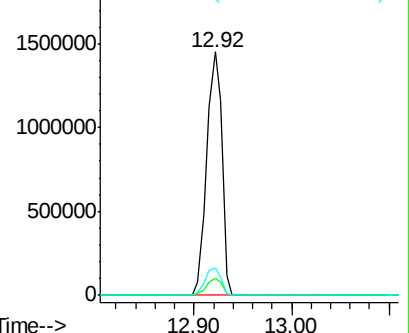
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.380 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

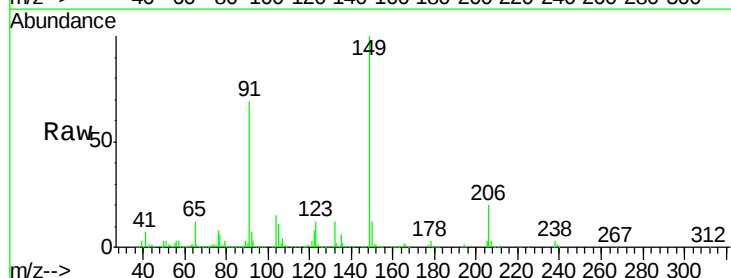
Tgt Ion:149 Resp: 808756

Ion Ratio Lower Upper

149 100

91 68.8 55.1 82.7

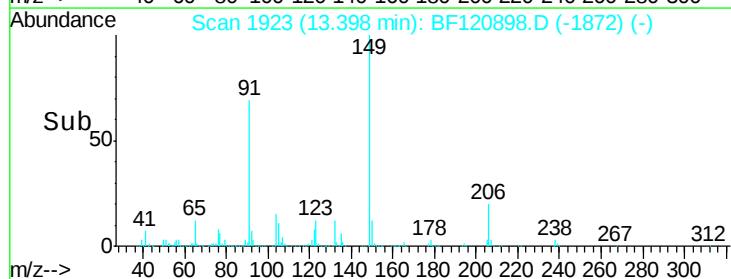
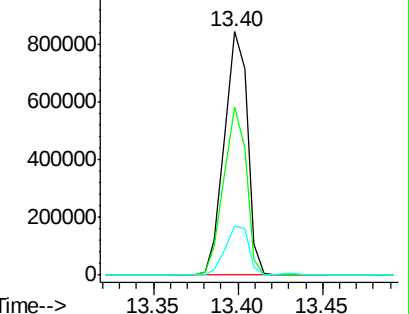
206 20.4 16.1 24.1

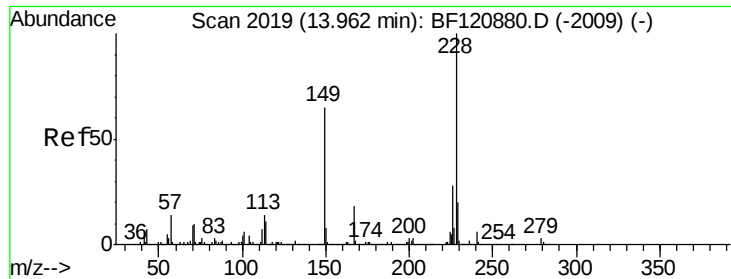


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





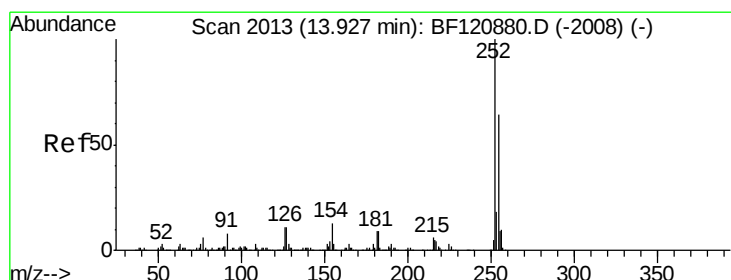
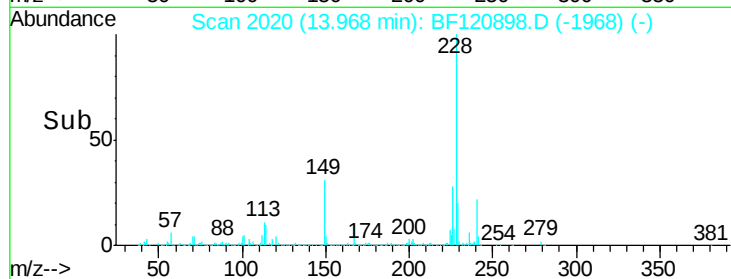
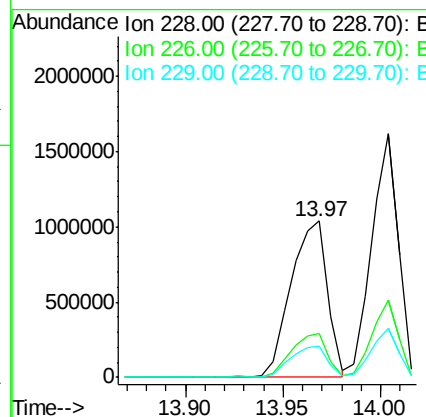
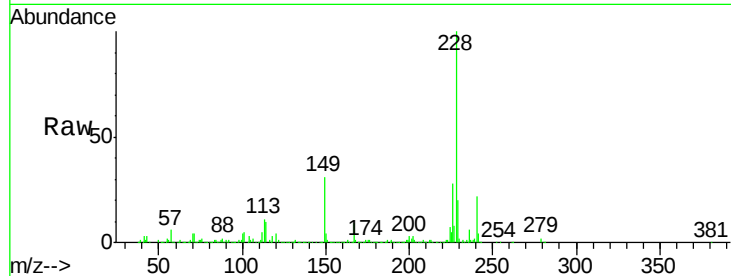
#81
Benzo(a)anthracene
Concen: 40.956 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	19.7	16.1	24.1

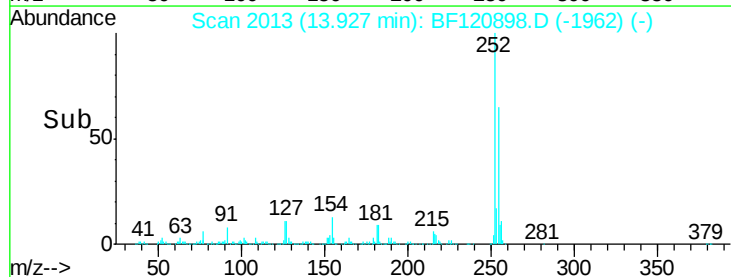
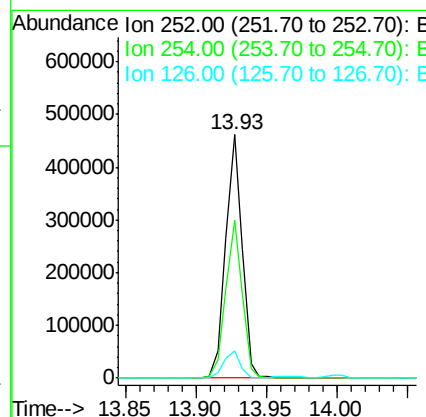
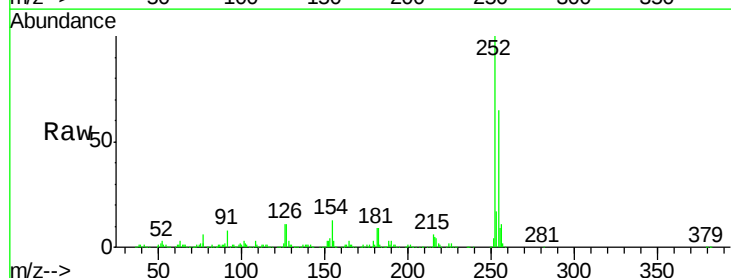
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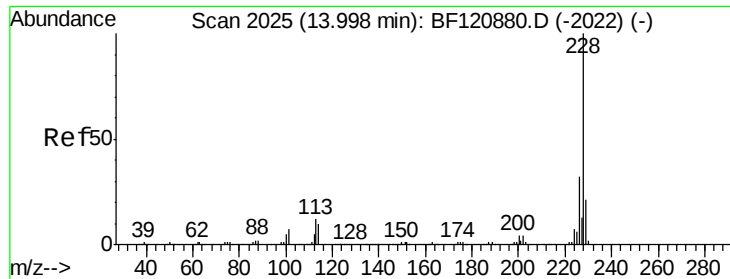
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 30.342 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.2	76.8
126	11.0	8.7	13.1





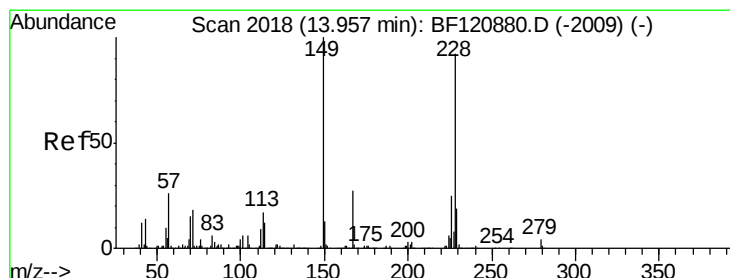
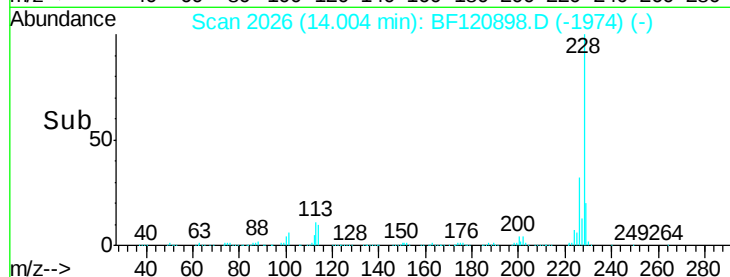
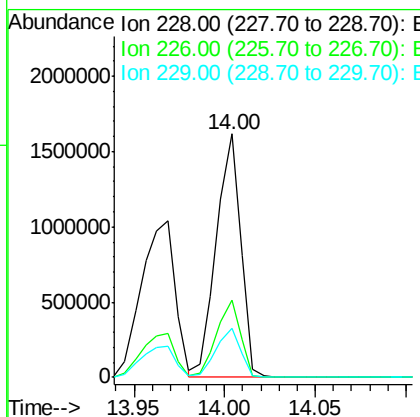
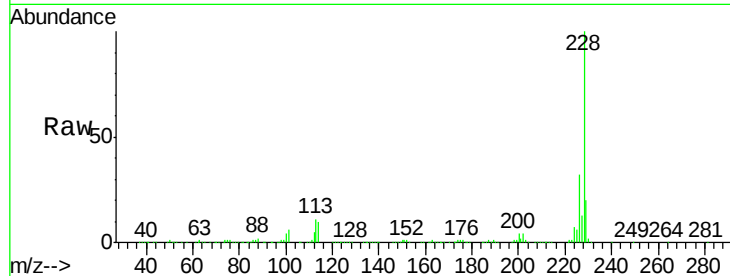
#83
Chrysene
Concen: 44.098 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion:228 Resp: 1519842
Ion Ratio Lower Upper
228 100
226 31.9 25.6 38.4
229 20.3 16.8 25.2

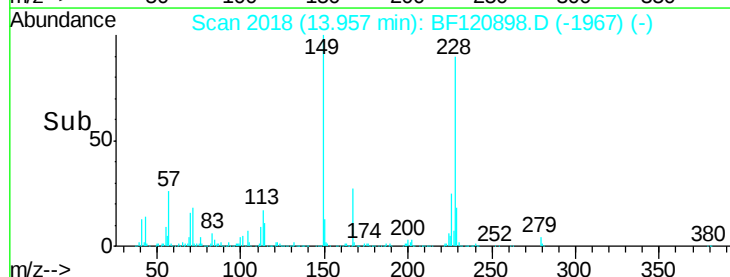
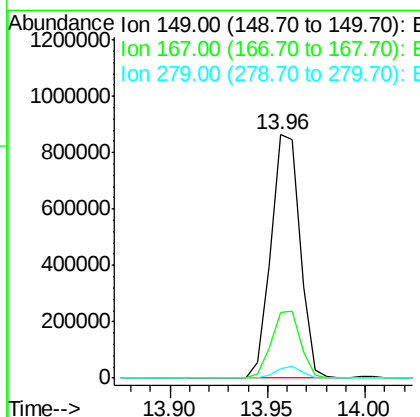
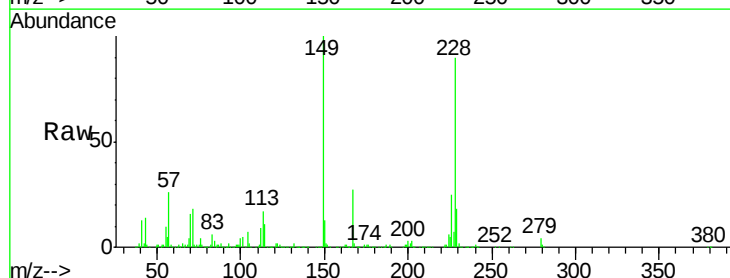
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.404 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion:149 Resp: 892547
Ion Ratio Lower Upper
149 100
167 27.2 21.9 32.9
279 3.7 3.0 4.4





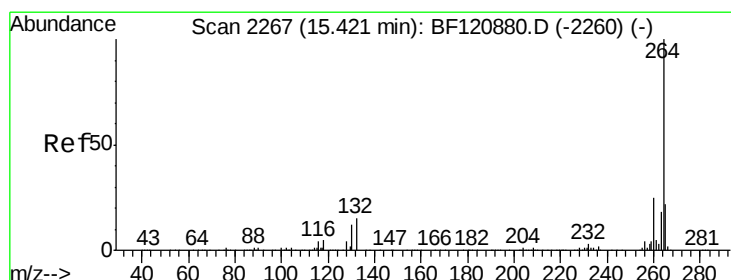
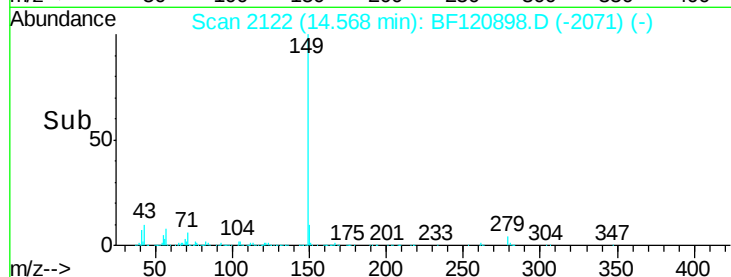
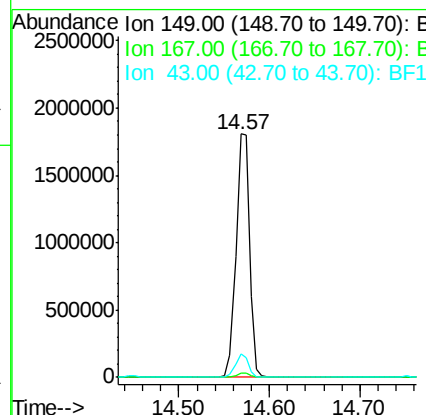
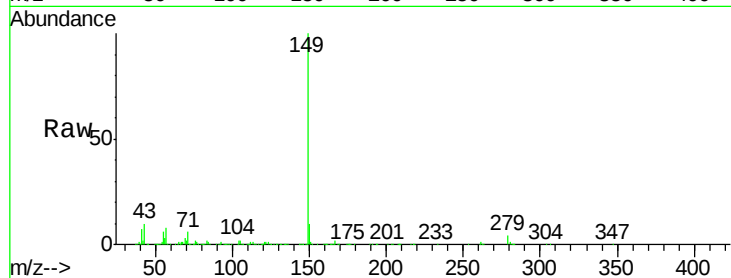
#85
Di-n-octyl phthalate
Concen: 45.476 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	7.6	11.4

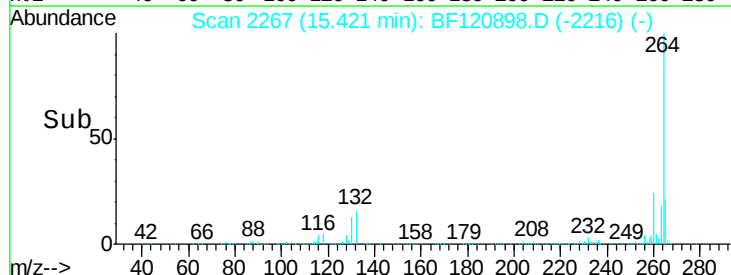
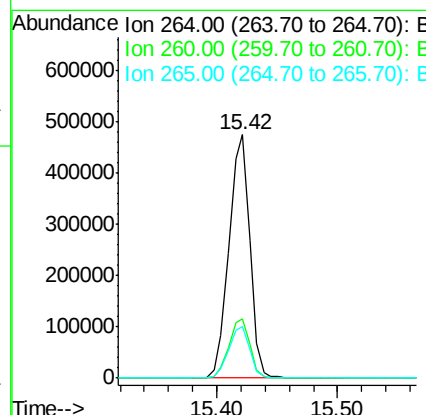
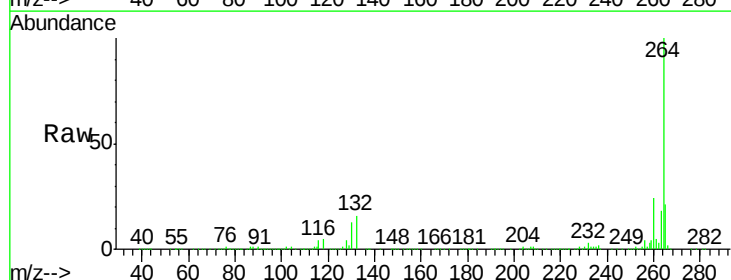
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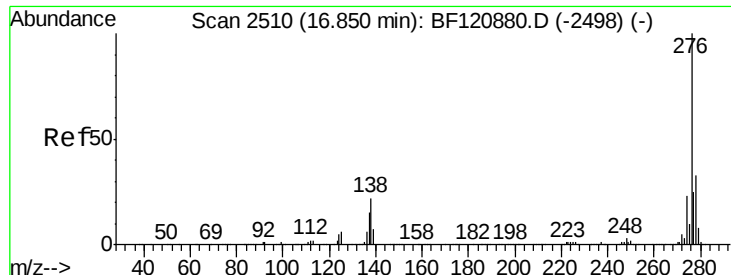
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.0	30.0
265	21.3	17.4	26.2





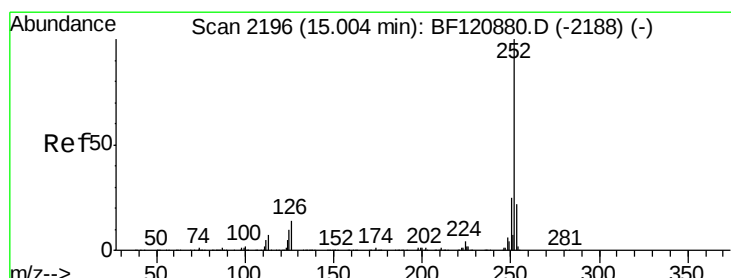
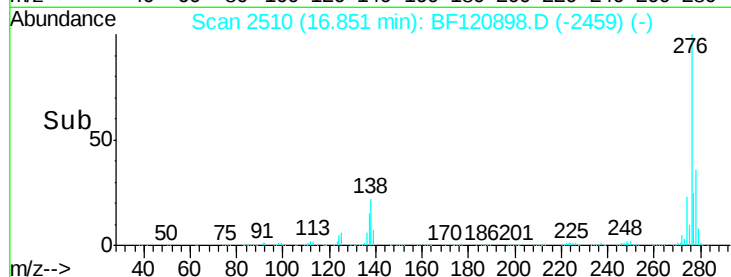
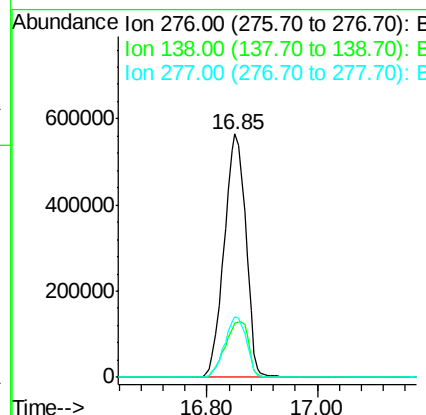
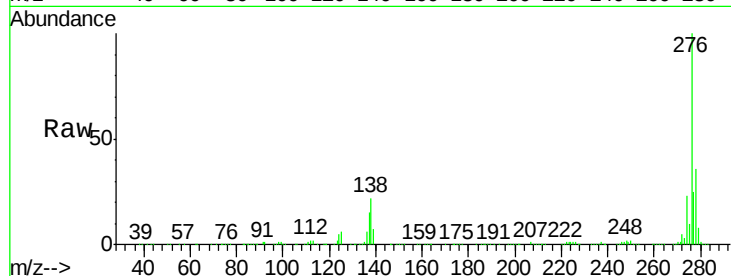
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.622 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.8	29.8
277	25.2	20.2	30.2

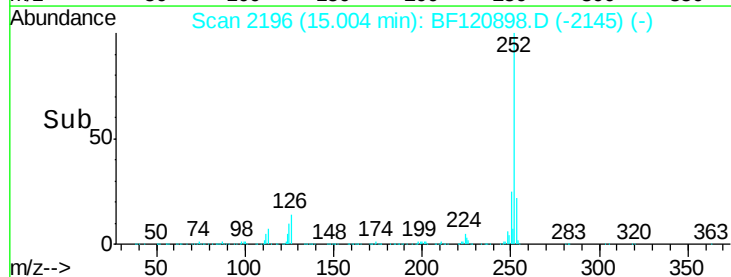
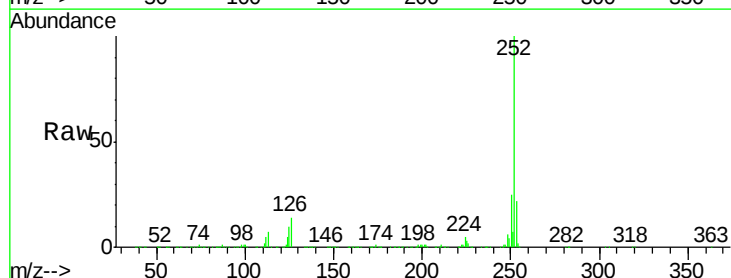
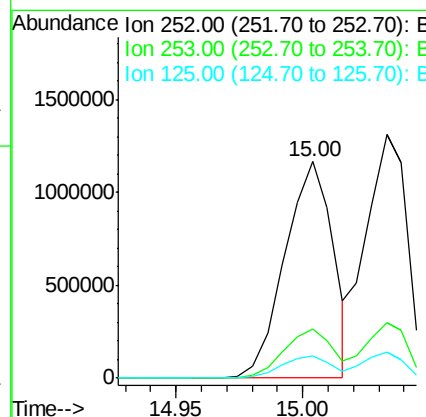
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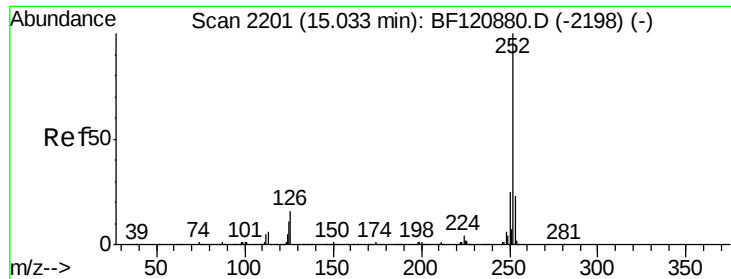
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 45.007 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.4	8.3	12.5





#89

Benzo(k)fluoranthene

Concen: 47.910 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampleId :

TP-16-DMSD

Tot Ion:252 Resp: 1498283

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

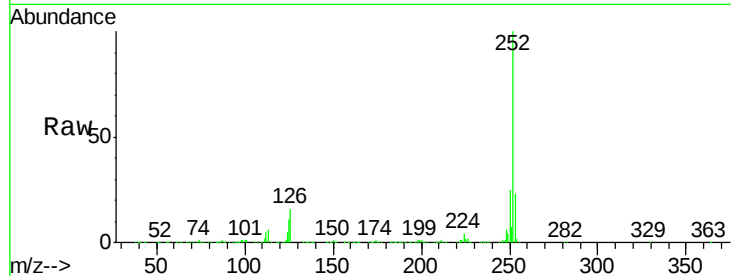
125 10.9 8.4 12.6

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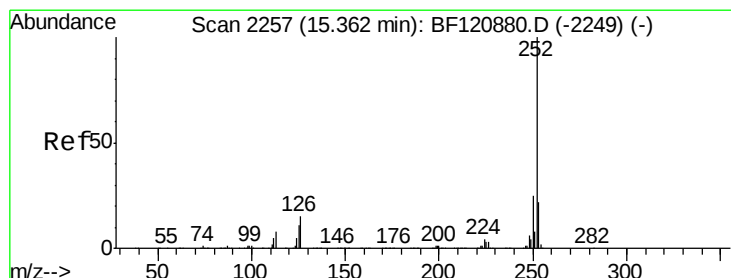
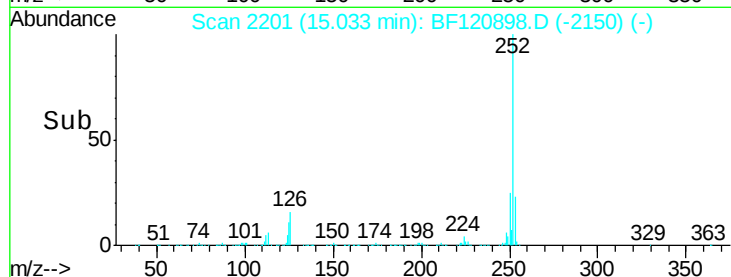
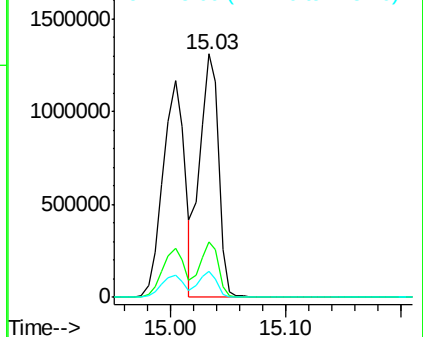
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.158 ng

RT: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Tgt Ion:252 Resp: 1381483

Ion Ratio Lower Upper

252 100

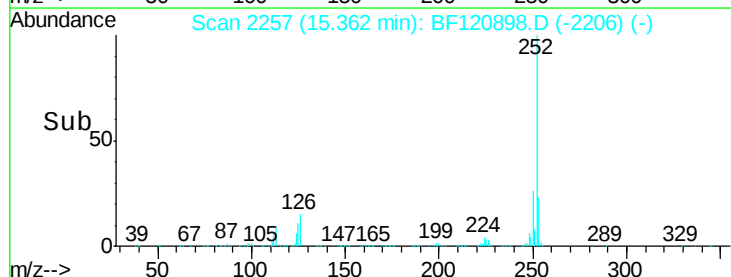
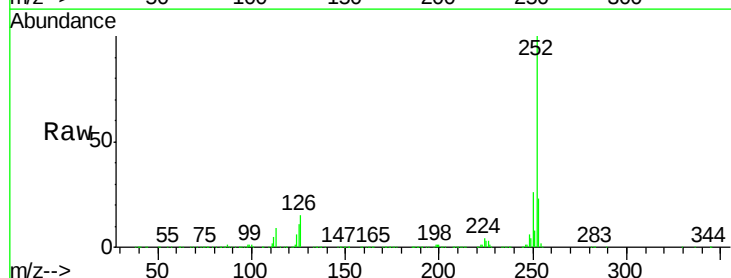
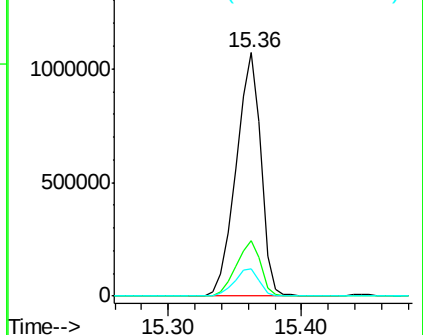
253 23.0 17.8 26.8

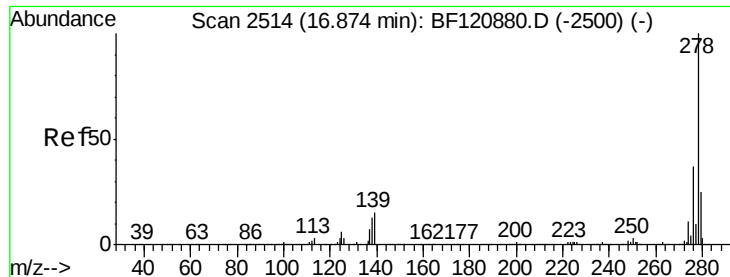
125 11.5 8.9 13.3

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





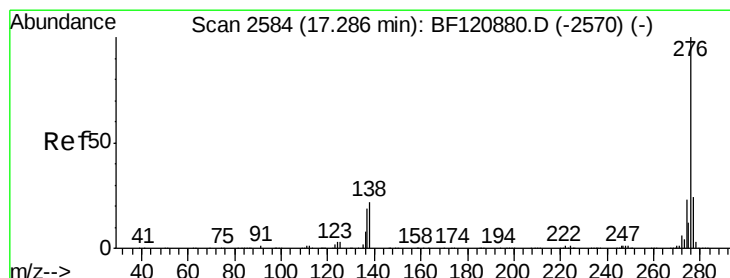
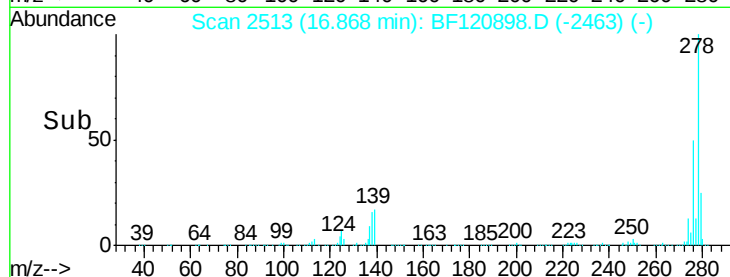
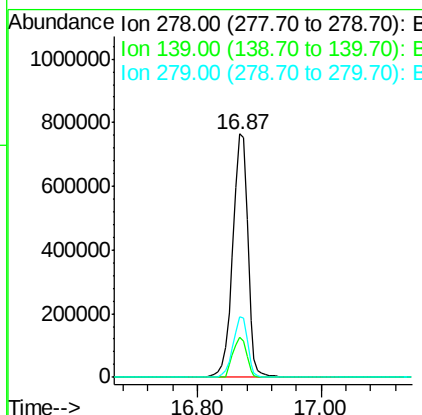
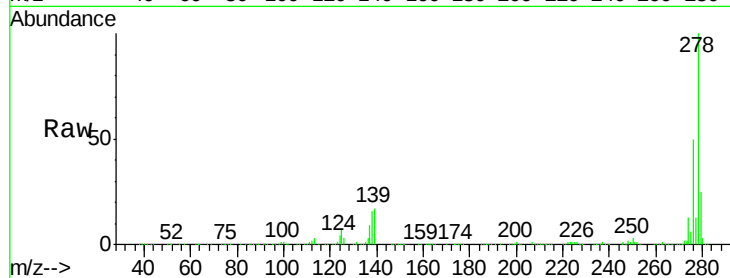
#91
Dibenzo(a,h)anthracene
Concen: 40.346 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.3	18.5
279	24.7	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 38.660 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	21.5	17.5	26.3

