

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119276.D
 Acq On : 7 Mar 2020 4:58
 Operator : CG/JU
 Sample : PB127331BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Manual Integrations
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mohammad
 3/9/2020 3:09:43 PM

Quant Time: Mar 09 04:28:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	143032	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	538794	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	263682	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	457192	20.00	ng	0.00
76) Chrysene-d12	13.89	240	391820	20.00	ng	0.00
87) Perylene-d12	15.31	264	199709	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	945057	110.42	ng	0.01
7) Phenol-d6	6.39	99	1149064	110.39	ng	0.01
23) Nitrobenzene-d5	7.30	82	739475	72.47	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	363811	105.47	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1401487	78.30	ng	0.00
79) Terphenyl-d14	12.83	244	1411106	62.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	106264	27.886	ng	98
3) Pyridine	3.17	79	274537	26.380	ng	95
4) n-Nitrosodimethylamine	3.10	42	114268	36.246	ng	98
6) Aniline	6.40	93	225642	17.568	ng	# 59
8) 2-Chlorophenol	6.52	128	357264	38.680	ng	99
9) Benzaldehyde	6.32	77	1302	0.187	ng	94
10) Phenol	6.40	94	419121	37.242	ng	80
11) bis(2-Chloroethyl)ether	6.47	93	323329	37.549	ng	99
12) 1,3-Dichlorobenzene	6.67	146	385866	34.855	ng	99
13) 1,4-Dichlorobenzene	6.75	146	394692	35.628	ng	97
14) 1,2-Dichlorobenzene	6.90	146	365989	36.225	ng	99
15) Benzyl Alcohol	6.88	79	290165	38.571	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	261992	35.123	ng	# 26
17) 2-Methylphenol	7.00	107	283545	37.864	ng	# 92
18) Hexachloroethane	7.23	117	120597	30.428	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	238008	39.241	ng	98
20) 3+4-Methylphenols	7.16	107	376679	41.057	ng	# 86
22) Acetophenone	7.14	105	493864	39.616	ng	95
24) Nitrobenzene	7.32	77	371151	36.780	ng	99
25) Isophorone	7.55	82	653953	36.900	ng	98
26) 2-Nitrophenol	7.63	139	187012	34.977	ng	97
27) 2,4-Dimethylphenol	7.67	122	290906	40.089	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	395961	34.326	ng	99
29) 2,4-Dichlorophenol	7.89	162	309060	36.178	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	341340	33.701	ng	98
31) Naphthalene	8.03	128	1003602	35.916	ng	99
32) Benzoic acid	7.85	122	159410	32.597	ng	98
33) 4-Chloroaniline	8.09	127	254664	21.190	ng	99
34) Hexachlorobutadiene	8.15	225	206803	32.779	ng	98
35) Caprolactam	8.47	113	96765m	36.787	ng	
36) 4-Chloro-3-methylphenol	8.59	107	325536	37.653	ng	97
37) 2-Methylnaphthalene	8.72	142	689282	36.655	ng	99
38) 1-Methylnaphthalene	8.82	142	644642	36.452	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	347787	39.120	ng	99

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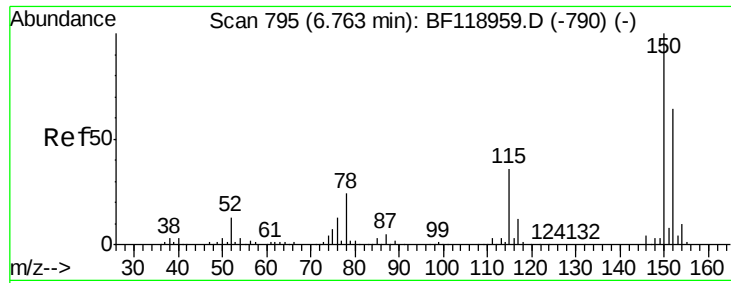
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	883	9.635	nq	91
43) 2,4,6-Trichlorophenol	9.01	196	217000	38.652	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	222883	37.833	nq	98
46) 1,1'-Biphenyl	9.19	154	837114	39.281	nq	98
47) 2-Chloronaphthalene	9.21	162	652752	38.010	nq	98
48) 2-Nitroaniline	9.32	65	193731	40.445	nq	97
49) Acenaphthylene	9.62	152	962532	38.806	nq	99
50) Dimethylphthalate	9.49	163	794324	39.395	nq	99
51) 2,6-Dinitrotoluene	9.56	165	172923	38.602	nq	90
52) Acenaphthene	9.80	154	583701	39.028	nq	100
53) 3-Nitroaniline	9.73	138	142557	28.705	nq	96
54) 2,4-Dinitrophenol	9.86	184	29263	19.660	nq	92
55) Dibenzofuran	9.97	168	854172	38.264	nq	99
56) 4-Nitrophenol	9.92	139	174772	58.573	nq	98
57) 2,4-Dinitrotoluene	9.97	165	209568	36.092	nq	92
58) Fluorene	10.31	166	688630	39.698	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	179071	36.023	nq	98
60) Diethylphthalate	10.19	149	765032	40.262	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	360165	39.226	nq	99
62) 4-Nitroaniline	10.35	138	156899	30.879	nq	94
63) Azobenzene	10.46	77	649439	39.321	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	32075	11.594	nq	97
66) n-Nitrosodiphenylamine	10.42	169	616573	41.187	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	227747	38.110	nq	99
68) Hexachlorobenzene	10.86	284	247945	35.986	nq	97
69) Atrazine	10.94	200	50825	9.717	nq	97
70) Pentachlorophenol	11.07	266	288070	103.790	nq	100
71) Phenanthrene	11.27	178	927018	37.180	nq	98
72) Anthracene	11.32	178	908961	36.486	nq	98
73) Carbazole	11.48	167	832226	37.498	nq	99
74) Di-n-butylphthalate	11.80	149	1083927	40.329	nq	99
75) Fluoranthene	12.46	202	942525	35.613	nq	98
77) Benzidine	12.58	184	149392	9.375	nq	98
78) Pyrene	12.69	202	941852	29.936	nq	99
80) Butylbenzylphthalate	13.30	149	418236	31.585	nq	100
81) Benzo(a)anthracene	13.87	228	914180	34.242	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	341170	32.910	nq	# 98
83) Chrysene	13.92	228	853157	32.072	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	571911	34.187	nq	99
85) Di-n-octyl phthalate	14.46	149	957225	35.912	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	635180	24.660	nq	99
88) Benzo(b)fluoranthene	14.91	252	858747	65.236	nq	98
89) Benzo(k)fluoranthene	14.93	252	779290	63.881	nq	99
90) Benzo(a)pyrene	15.26	252	702662	59.144	nq	98
91) Dibenzo(a,h)anthracene	16.72	278	556063	53.194	nq	99
92) Benzo(g,h,i)perylene	17.14	276	505978	48.988	nq	98

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



#1

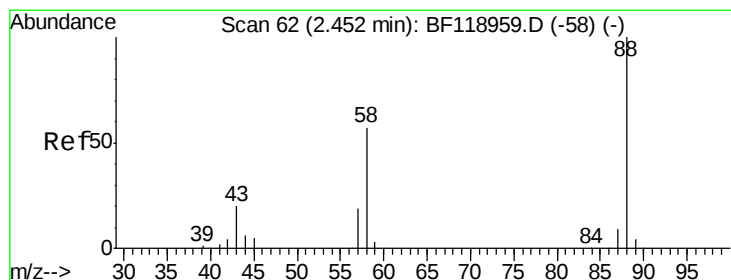
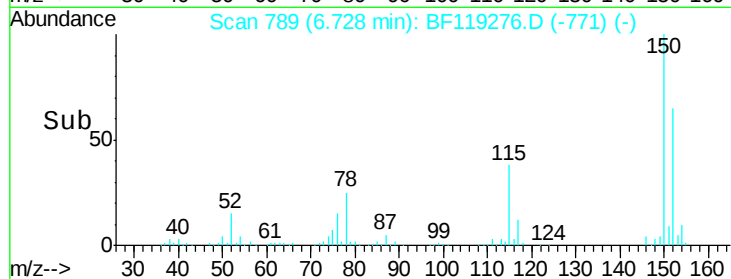
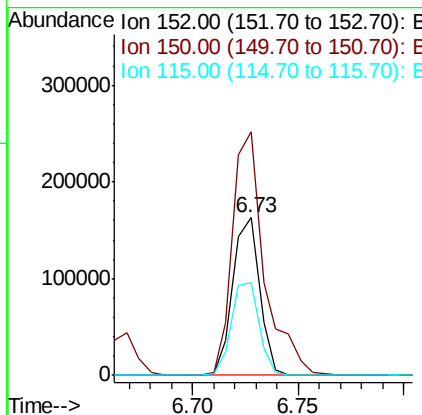
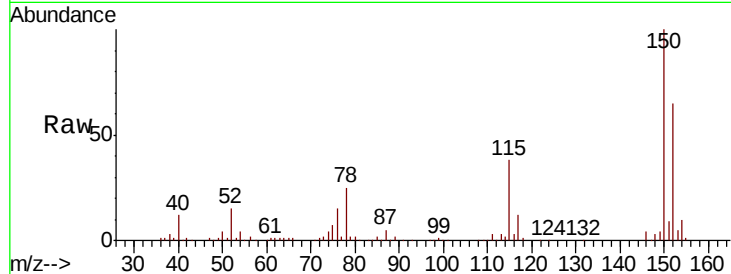
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.0	184.6
115	59.0	49.5	74.3

Manual Integrations
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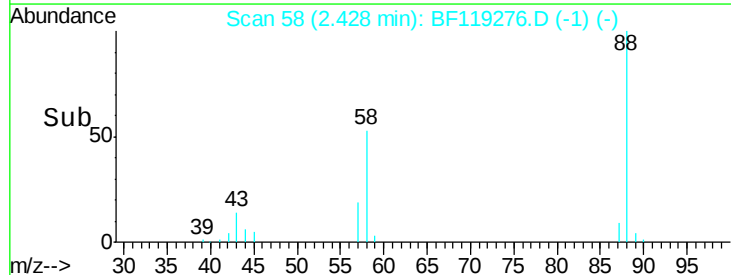
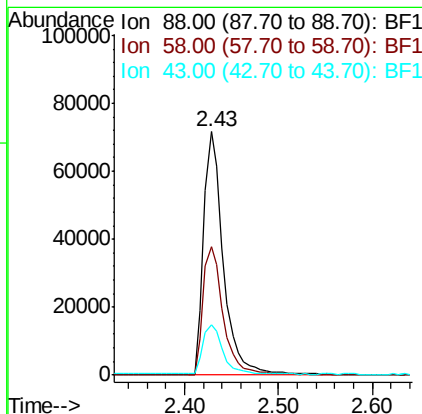
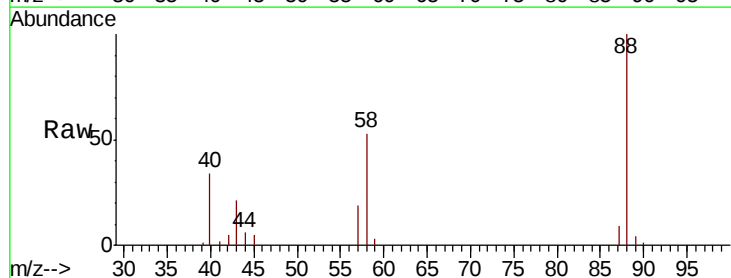
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3/9/2020 3:09:43 PM

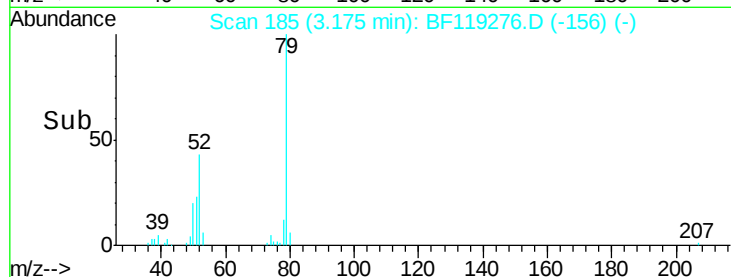
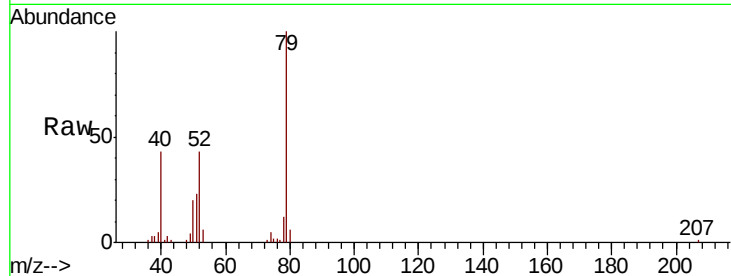
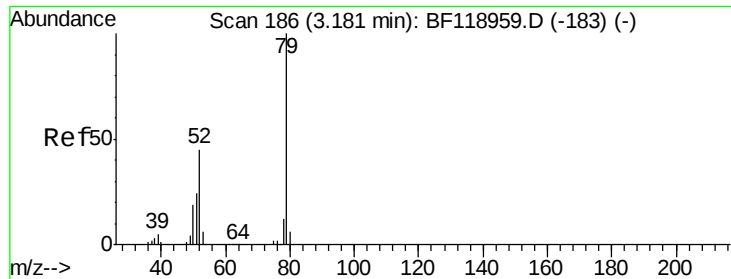


#2

1,4-Dioxane
Concen: 27.886 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.05 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.3	43.8	65.6
43	22.7	16.2	24.4





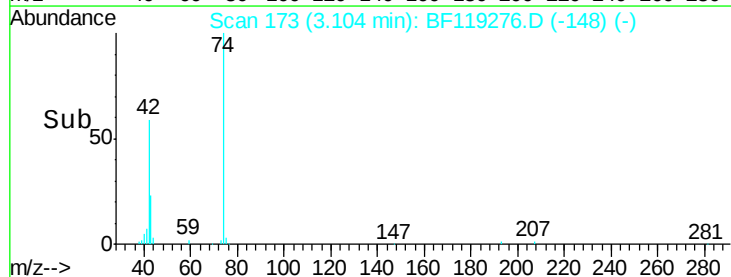
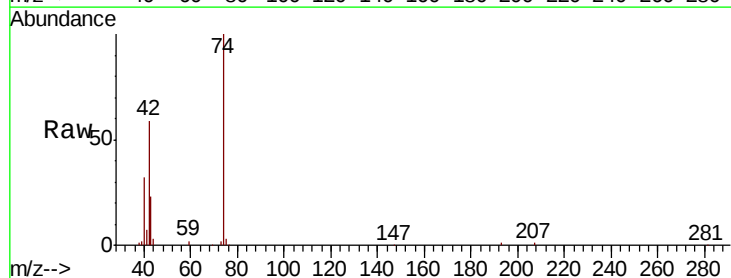
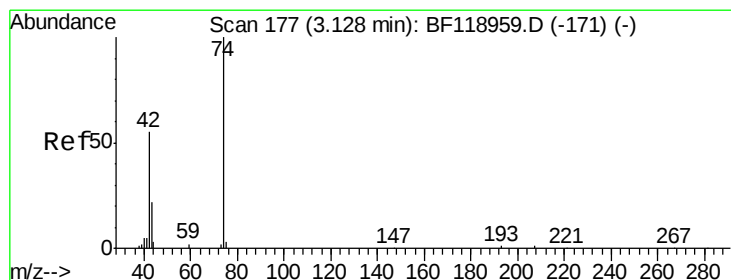
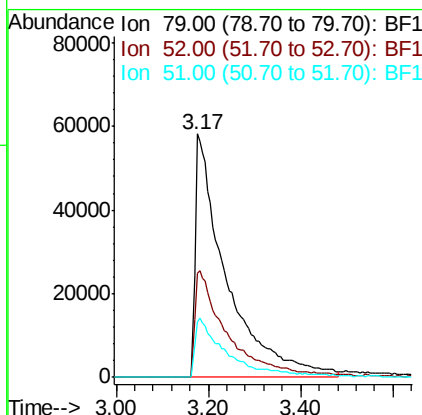
#3
 Pvridine
 Concen: 26.380 ng
 RT: 3.17 min Scan# 185
 Delta R.T. 0.07 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	274537		
52	52	42.8		37.4	56.0
51	51	22.9		19.8	29.6

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

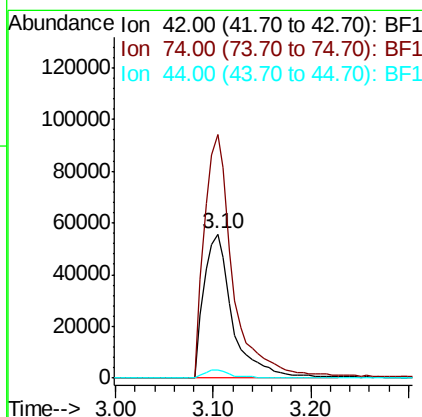
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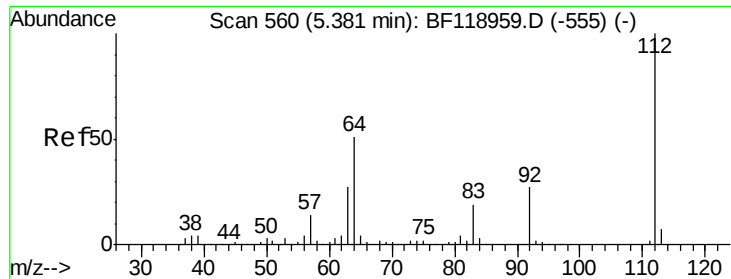
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#4
 n-Nitrosodimethylamine
 Concen: 36.246 ng
 RT: 3.10 min Scan# 173
 Delta R.T. 0.05 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	114268		
74	74	168.8		137.7	206.5
44	44	5.5		4.5	6.7





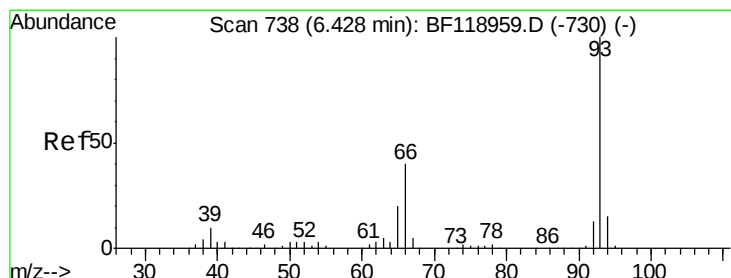
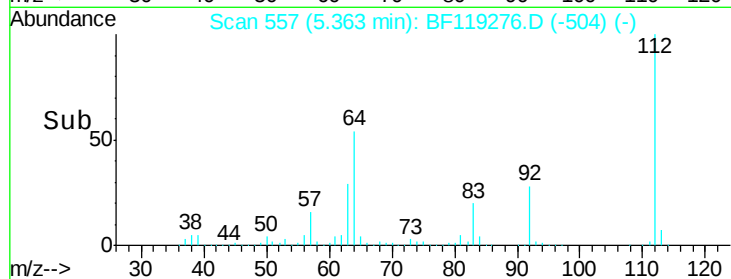
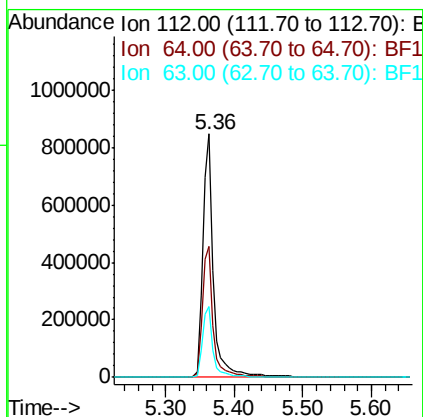
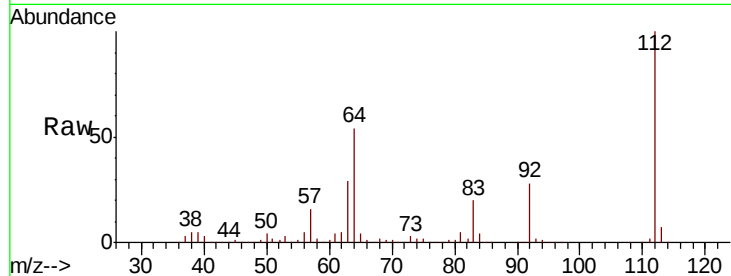
#5
2-Fluorophenol
Concen: 110.420 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	53.9	45.0	67.4
63	29.2	24.2	36.4

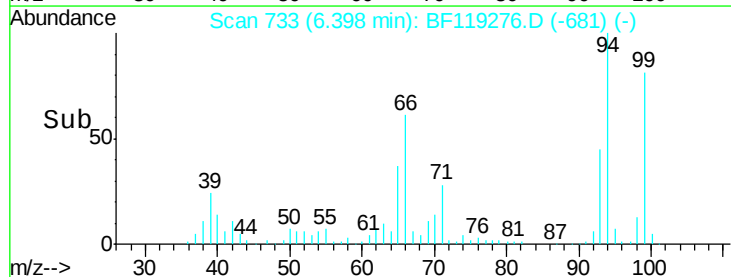
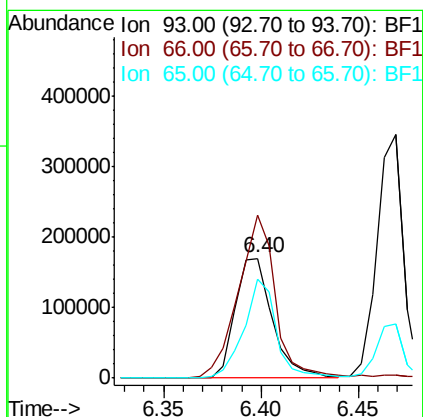
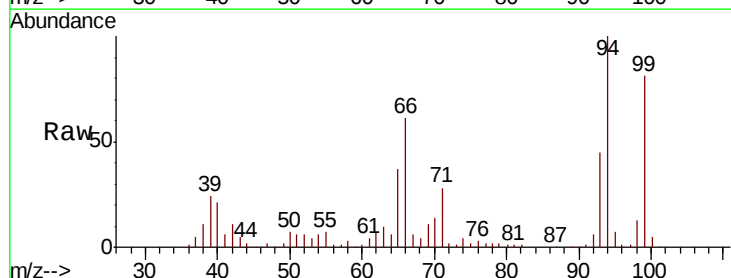
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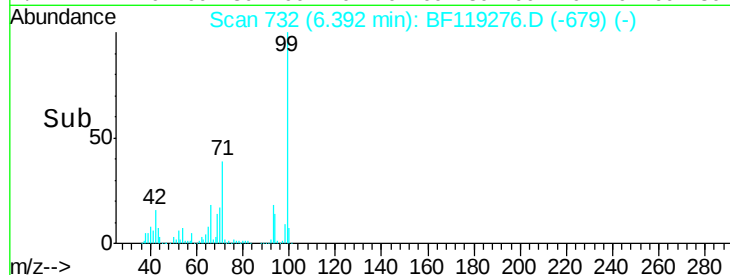
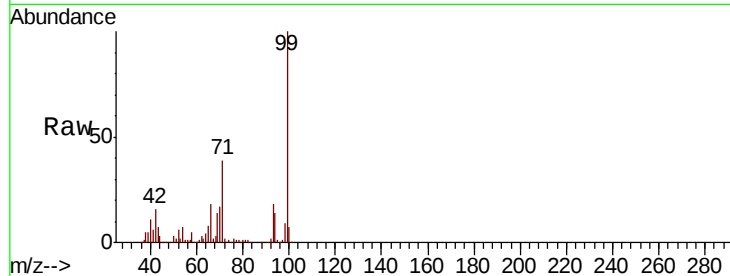
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#6
Aniline
Concen: 17.568 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	135.9	74.5	111.7#
65	83.0	45.3	67.9#





#7

Phenol-d6

Concen: 110.391 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Tot Ion: 99 Resp: 1149064

Ion Ratio Lower Upper

99 100

42 16.0 12.6 18.8

71 39.4 31.0 46.4

Instrument :

BNA_F

ClientSampleId :

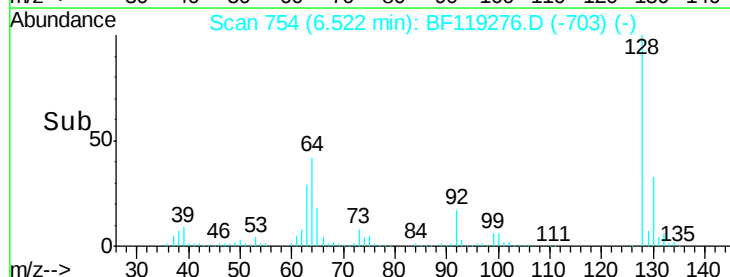
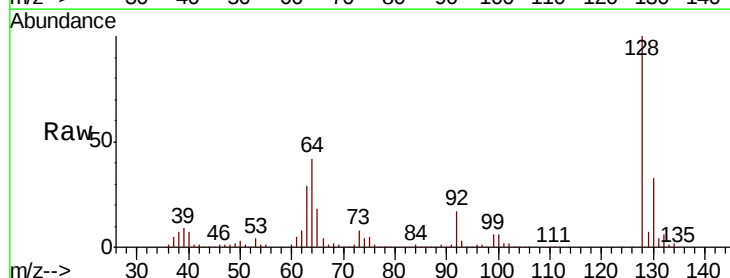
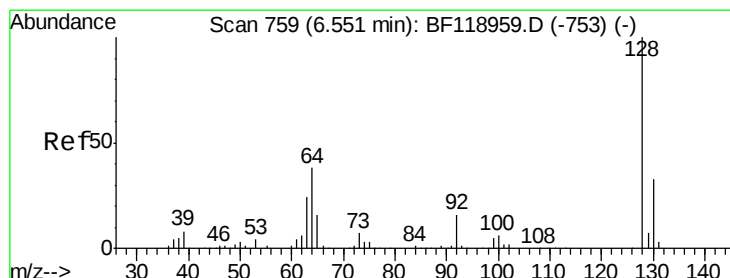
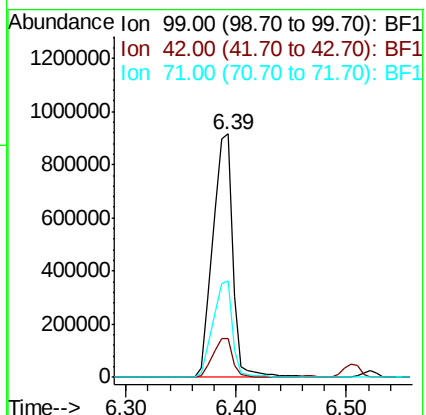
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#8

2-Chlorophenol

Concen: 38.680 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

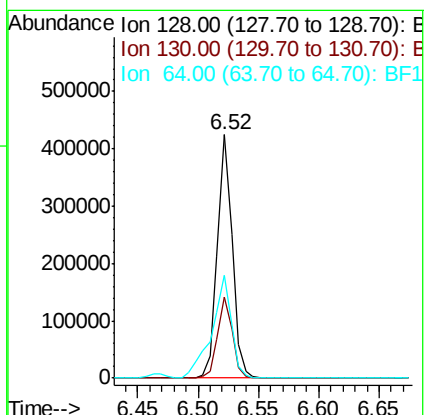
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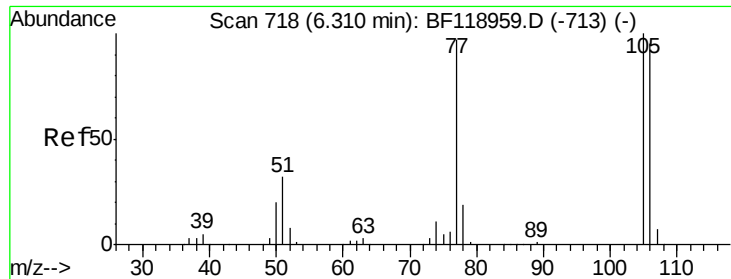
Ion Ratio Lower Upper

128 100

130 33.5 12.7 52.7

64 42.4 22.3 62.3





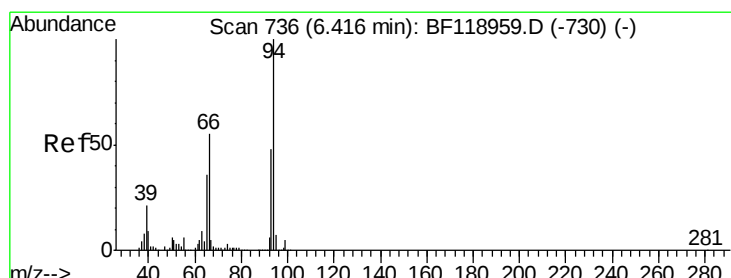
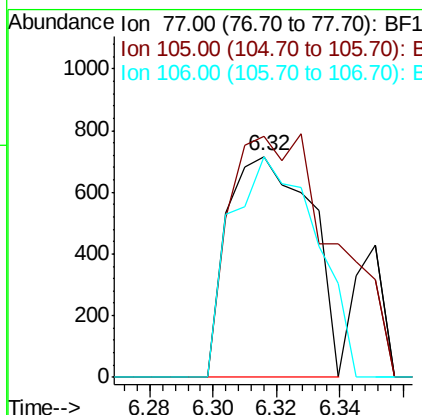
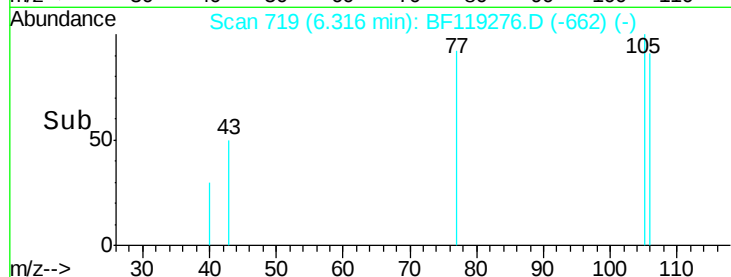
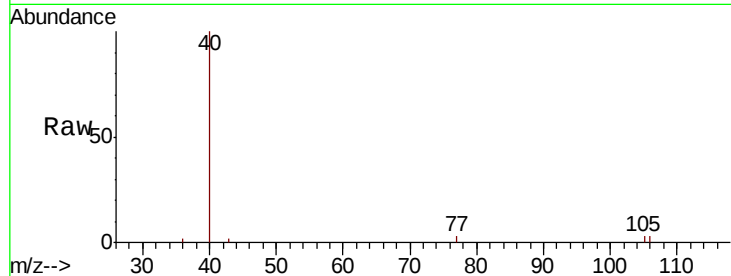
#9
Benzaldehyde
Concen: 0.187 ng
RT: 6.32 min Scan# 719
Delta R.T. 0.04 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleID :
PB127331BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	108.8	80.1	120.1
106	99.4	75.9	115.9

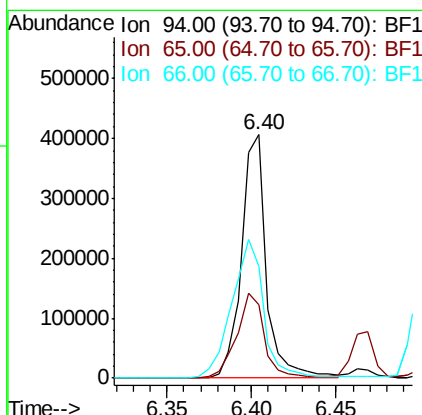
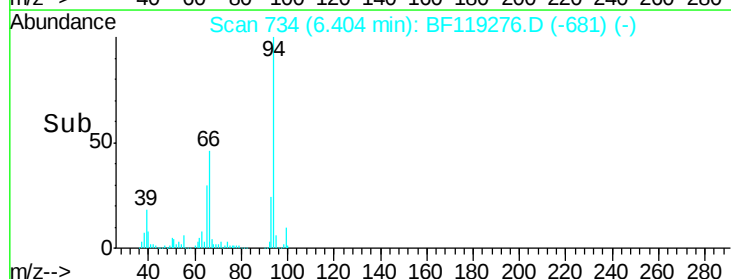
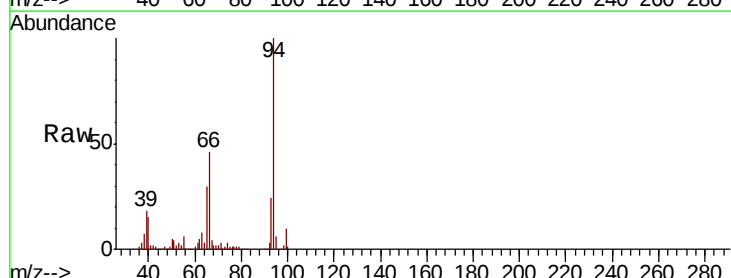
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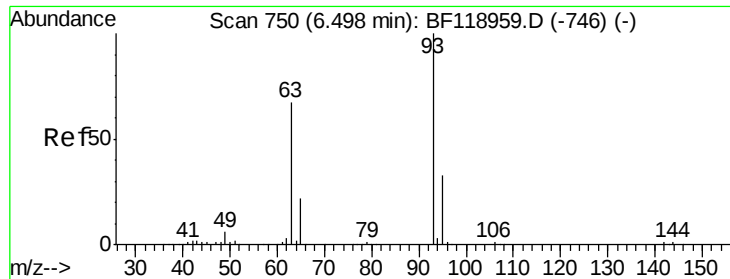
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#10
Phenol
Concen: 37.242 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.0	19.2	59.2
66	45.9	44.4	84.4





#11

bis(2-Chloroethyl)ether

Concen: 37.549 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

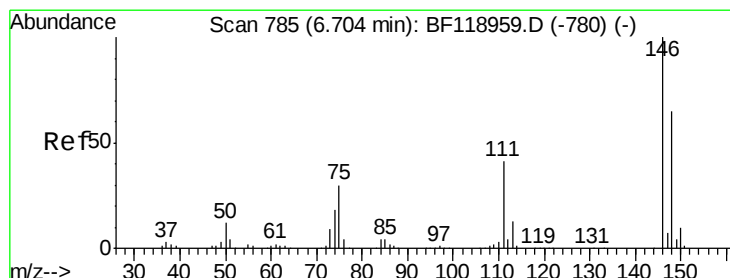
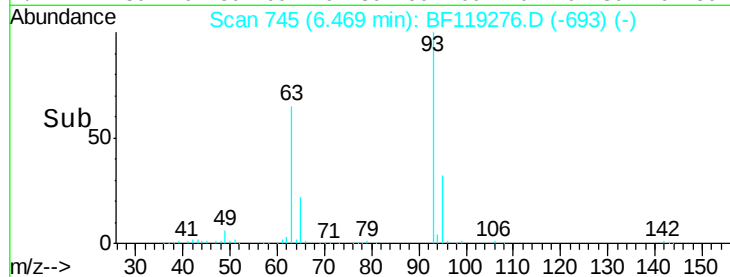
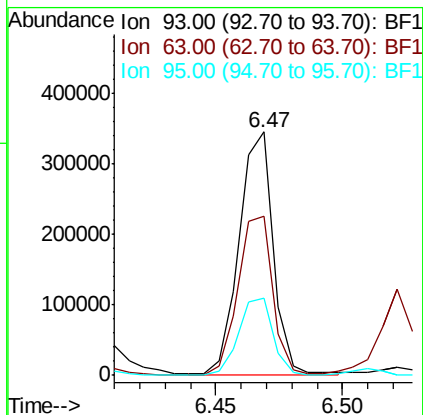
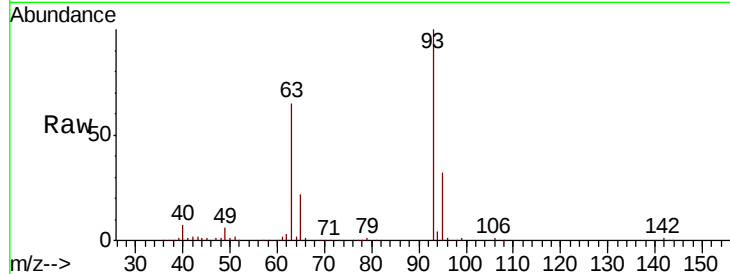
ClientSampleId :

PB127331BS

Tot Ion:	93	Resp:	323329
Ion Ratio	Lower	Upper	
93	100		
63	65.3	45.4	85.4
95	31.7	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 34.855 ng

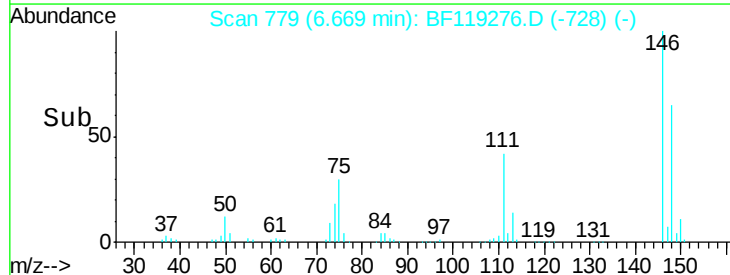
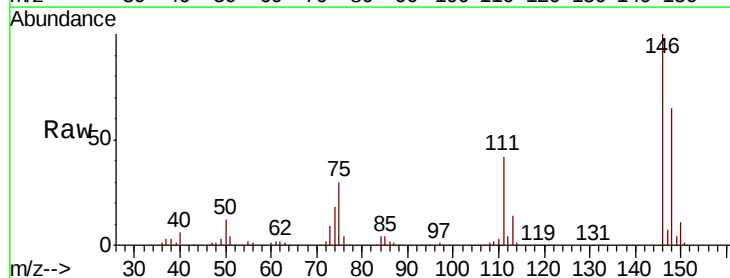
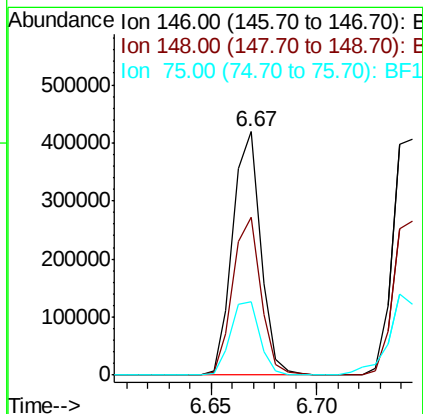
RT: 6.67 min Scan# 779

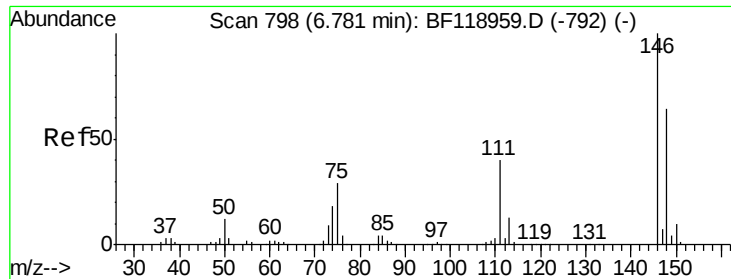
Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Tgt Ion:	146	Resp:	385866
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.5	78.7
75	29.9	23.6	35.4





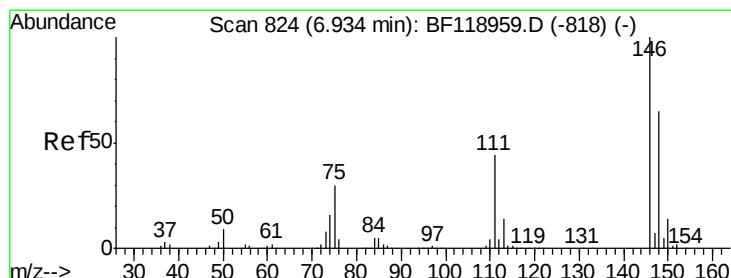
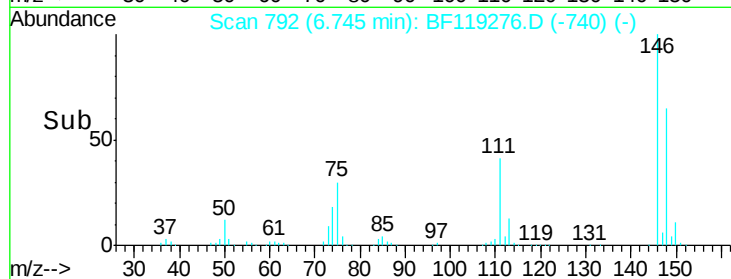
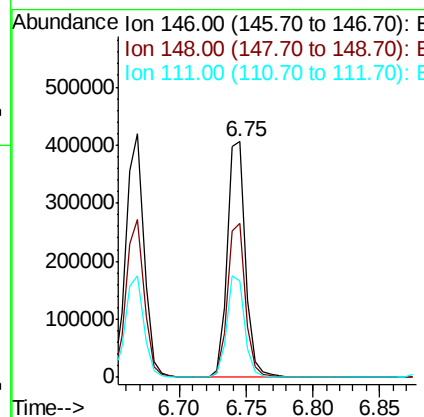
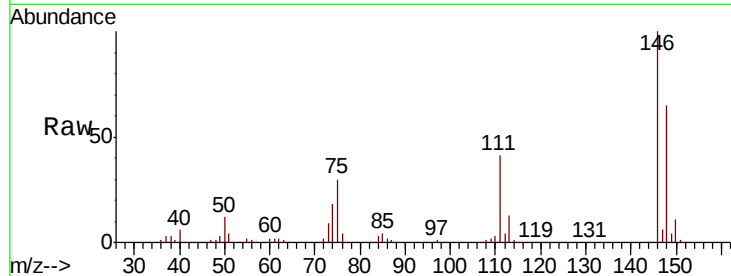
#13
 1,4-Dichlorobenzene
 Concen: 35.628 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.1	76.7
111	40.8	34.8	52.2

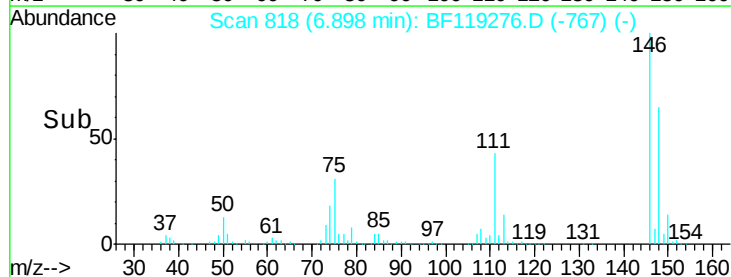
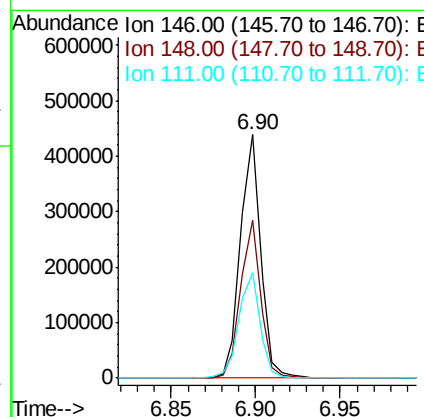
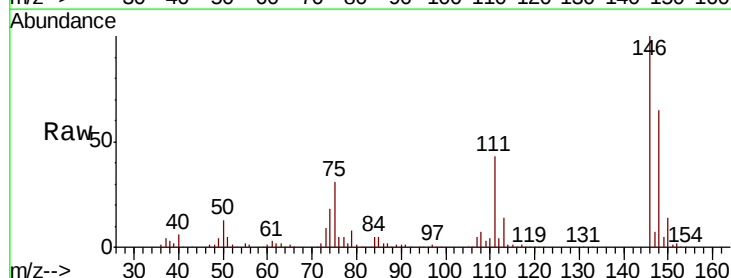
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#14
 1,2-Dichlorobenzene
 Concen: 36.225 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.9	77.9
111	43.1	36.2	54.2





#15

Benzyl Alcohol

Concen: 38.571 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

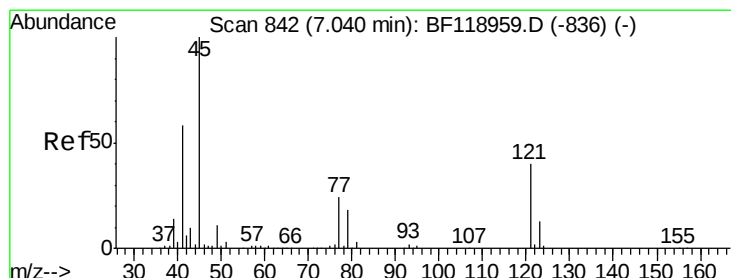
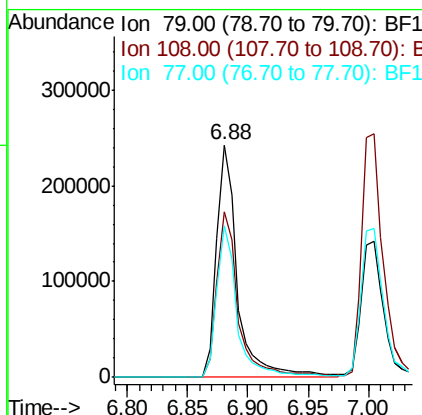
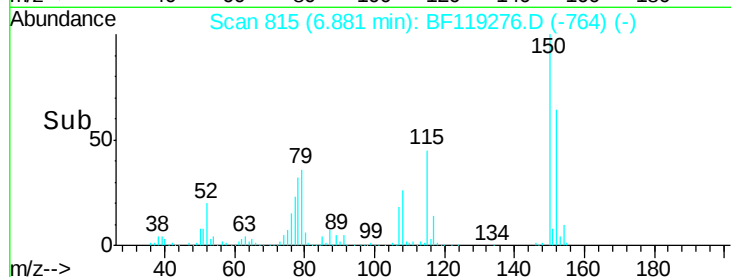
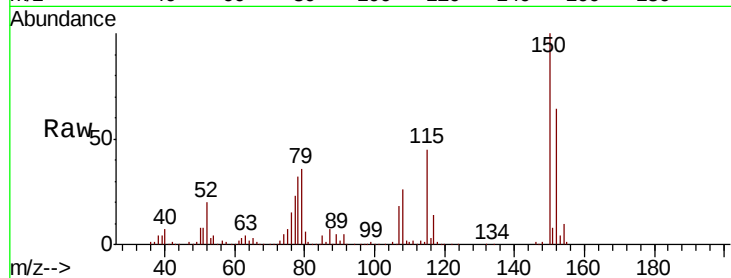
ClientSampleId :

PB127331BS

Tot Ion:	79	Resp:	290165
Ion Ratio	Lower	Upper	
79	100		
108	71.0	58.2	87.2
77	64.9	51.2	76.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.123 ng

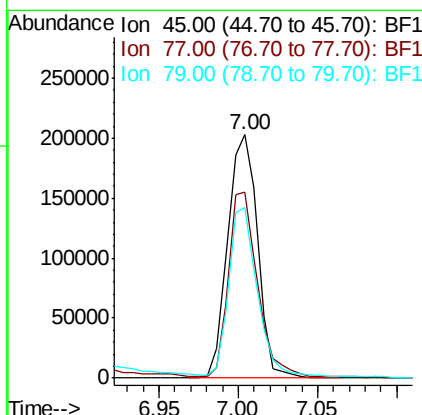
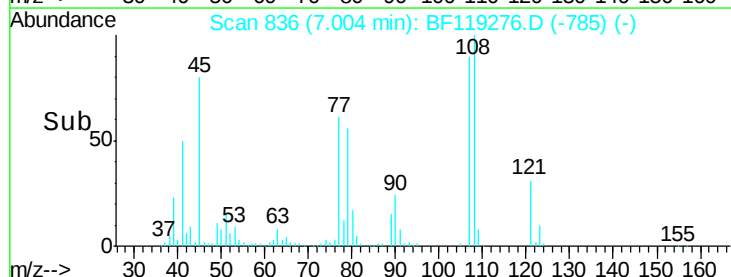
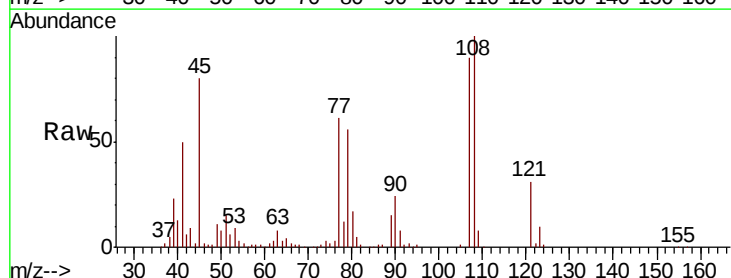
RT: 7.00 min Scan# 836

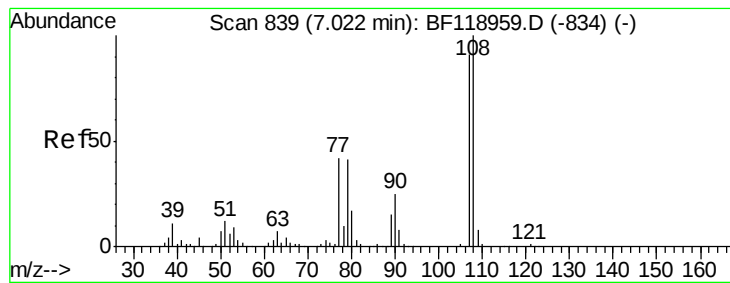
Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Tgt Ion:	45	Resp:	261992
Ion Ratio	Lower	Upper	
45	100		
77	76.5	15.0	55.0#
79	70.2	9.4	49.4#





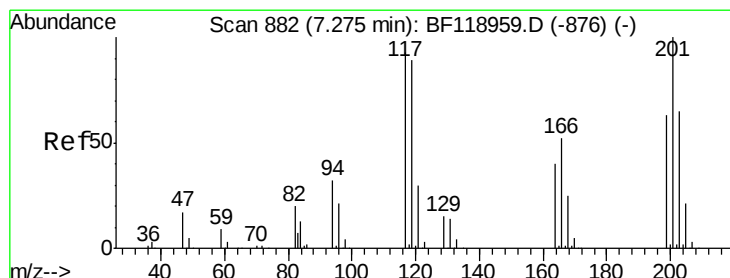
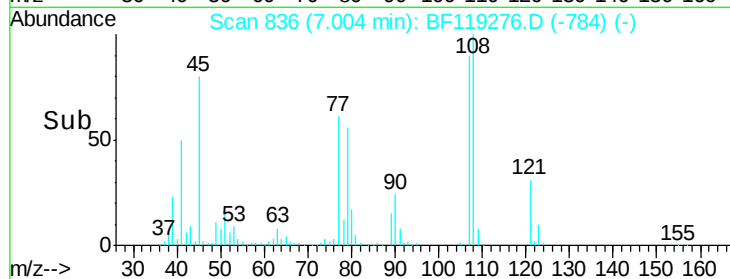
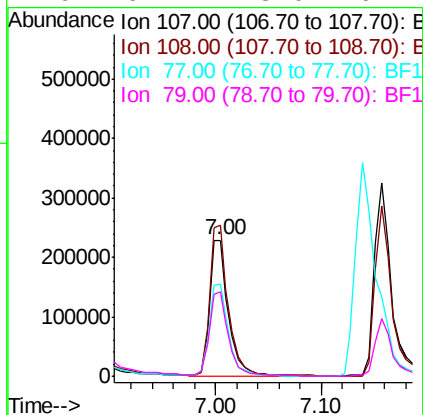
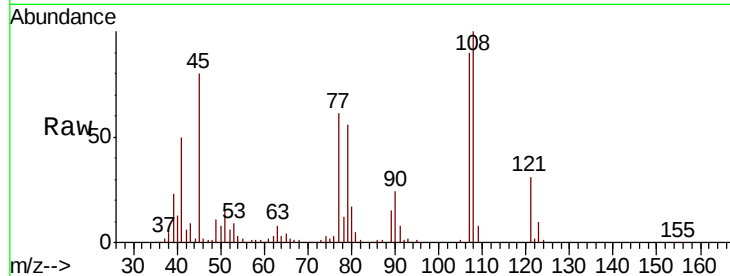
#17
2-Methylphenol
Concen: 37.864 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	87.9	131.9	
77	68.0	45.3	67.9	
79	62.4	43.0	64.4	

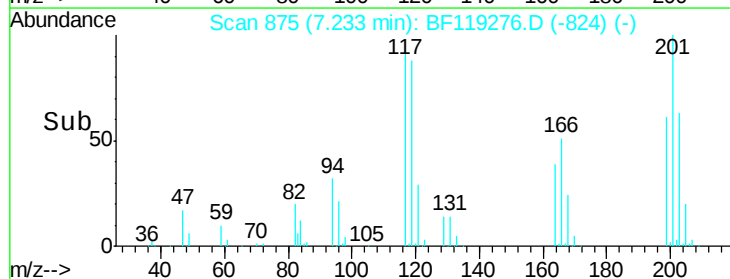
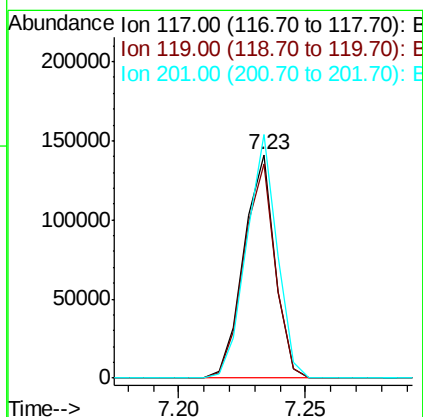
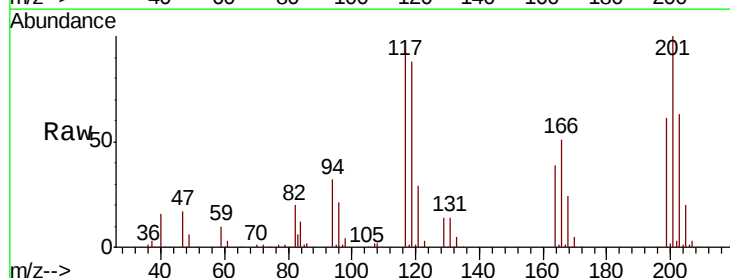
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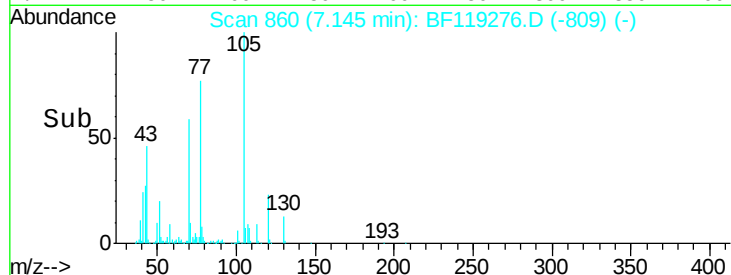
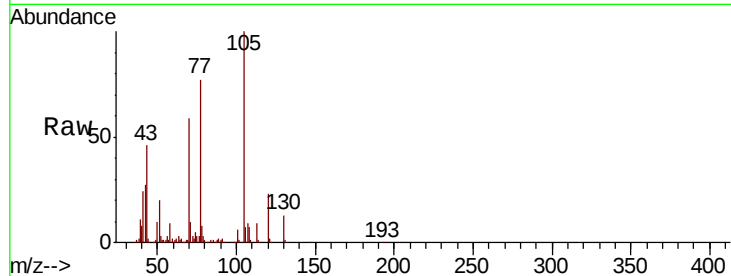
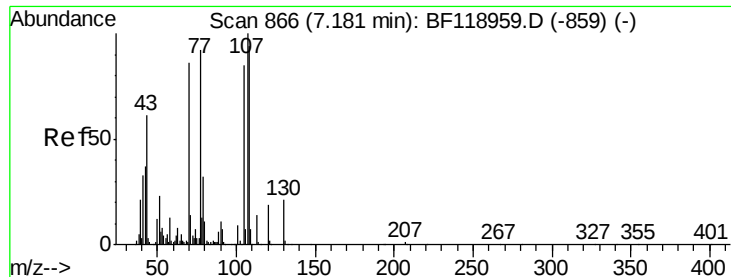
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#18
Hexachloroethane
Concen: 30.428 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	77.5	116.3	
201	108.9	82.6	123.8	





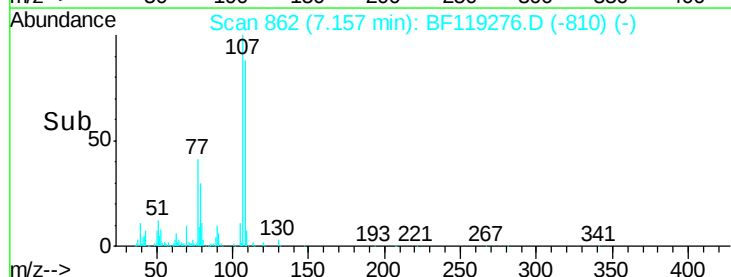
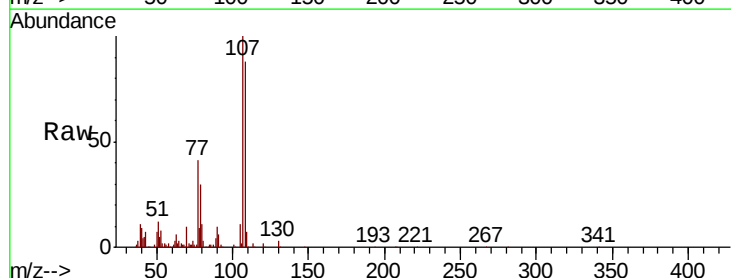
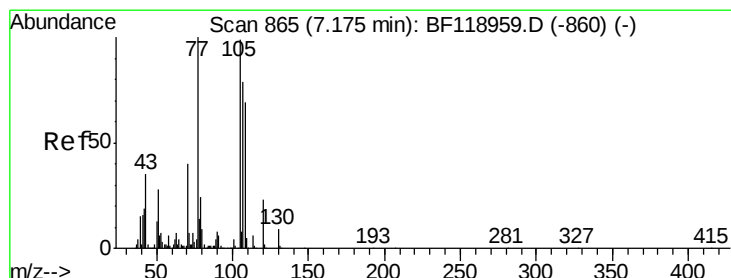
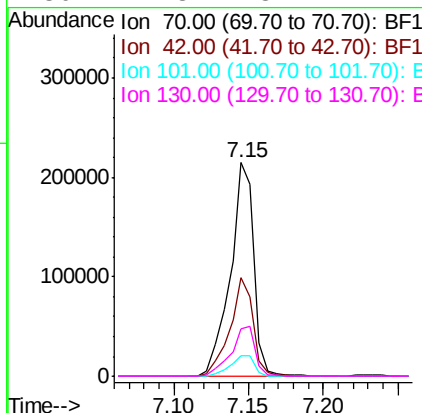
#19
n-Nitroso-di-n-propylamine
Concen: 39.241 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.1	38.0	57.0
101	9.8	8.2	12.4
130	22.3	18.2	27.4

Instrument :
BNA_F
ClientSampleId :
PB127331BS

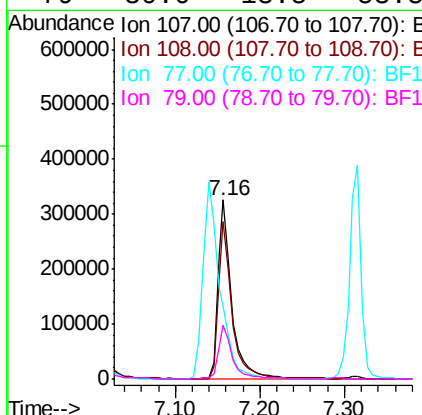
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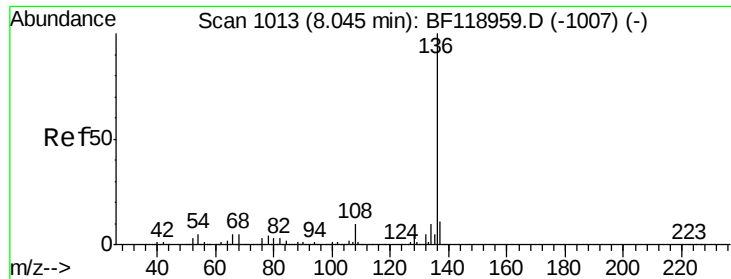
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#20
3+4-Methylphenols
Concen: 41.057 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	71.5	111.5
77	41.1	45.9	85.9#
79	30.0	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

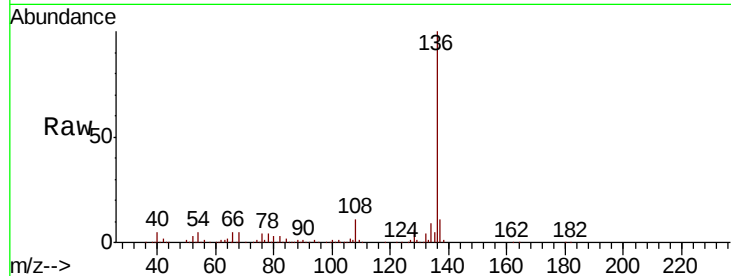
ClientSampleId :

PB127331BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	538794		
137	11.0	8.8	13.2	
54	4.6	3.8	5.6	
68	4.8	3.9	5.9	

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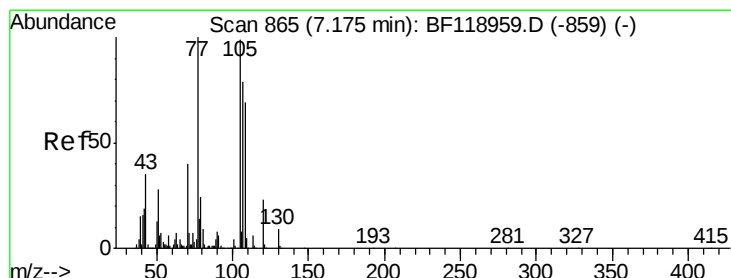
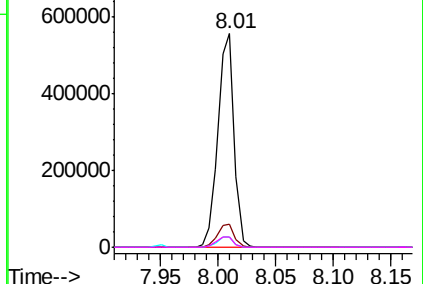
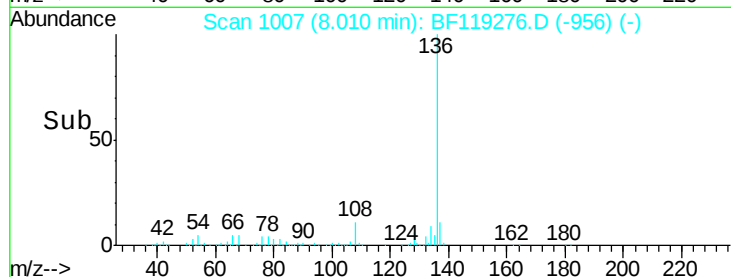
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.616 ng

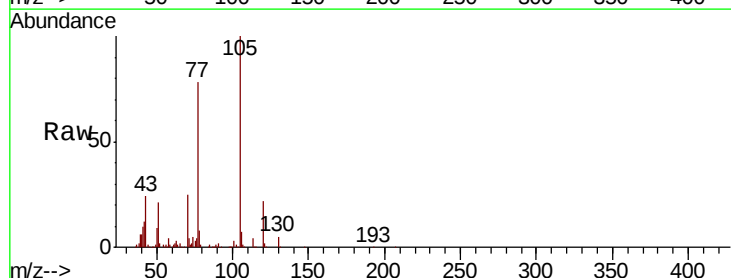
RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	493864		
71	4.1	3.0	4.4	
51	20.6	20.1	30.1	
120	22.5	18.0	27.0	



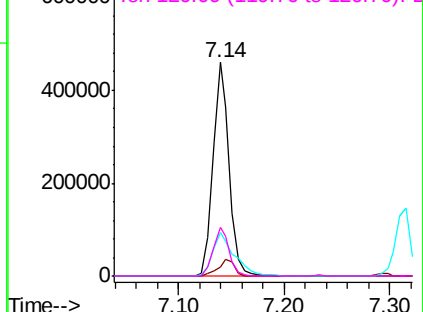
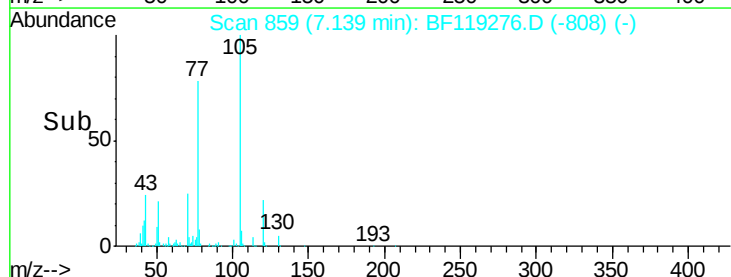
Abundance

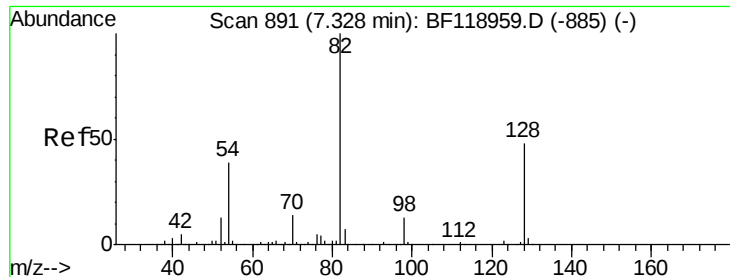
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





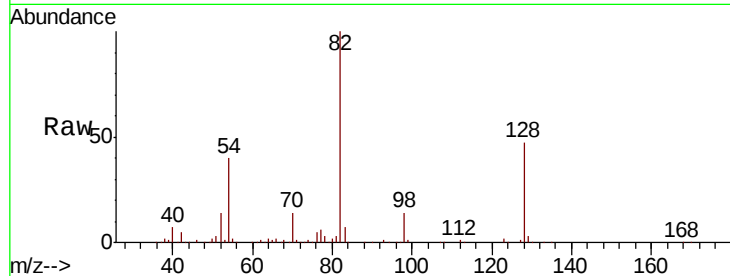
#23
Nitrobenzene-d5
Concen: 72.466 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

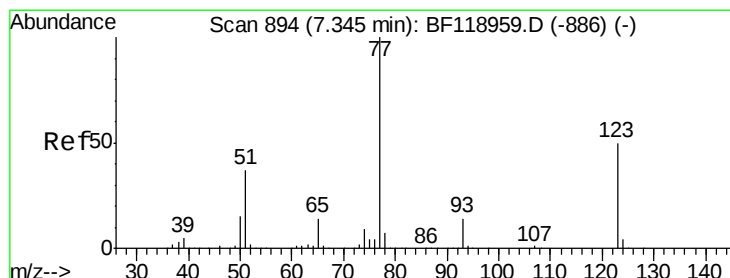
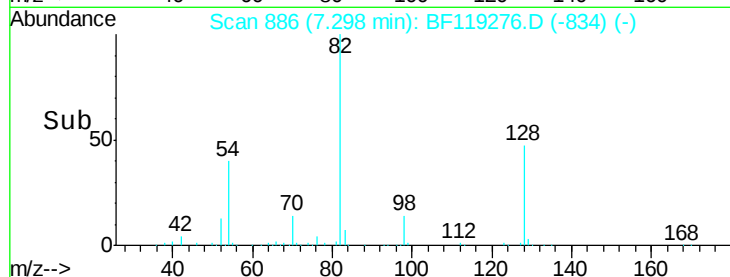
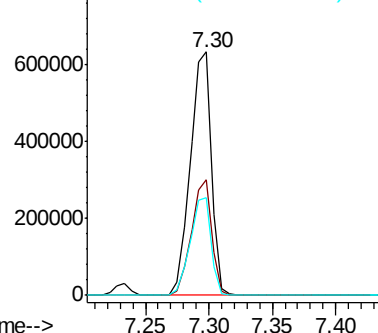
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.9	56.9
54	40.2	33.4	50.2

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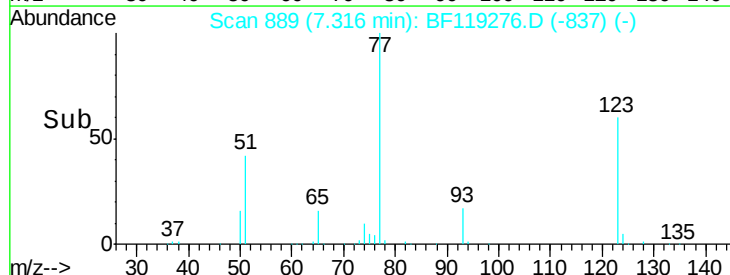
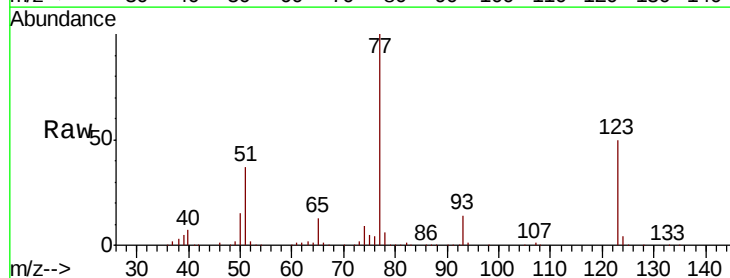
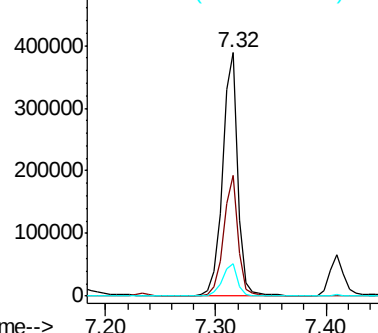
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 36.780 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	40.2	60.2
65	13.3	10.8	16.2

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





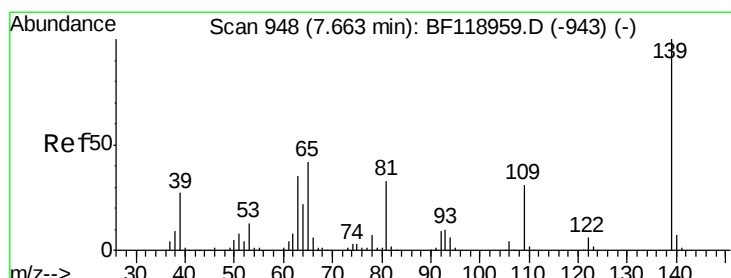
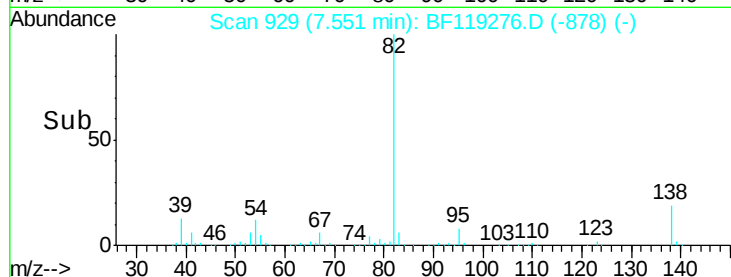
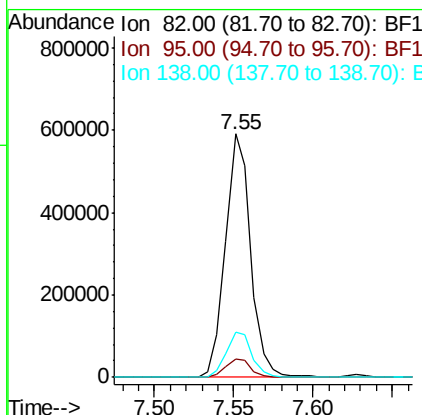
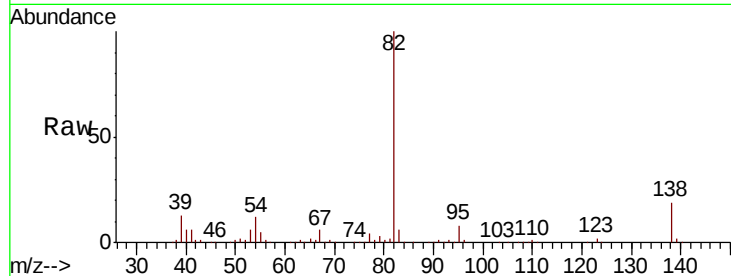
#25
Isophorone
Concen: 36.900 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	653953		
95	7.8		6.4	9.6
138	18.6		15.7	23.5

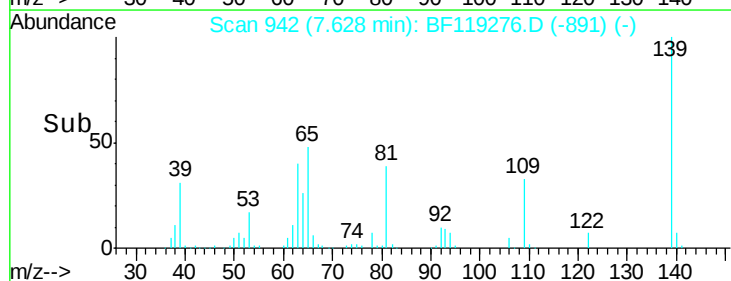
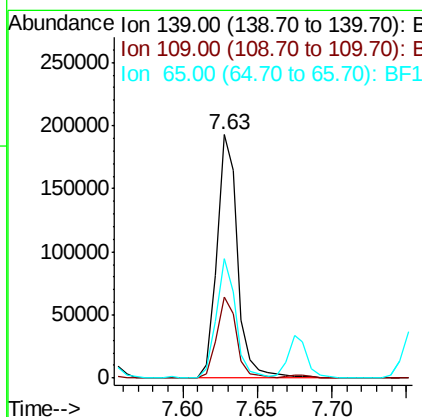
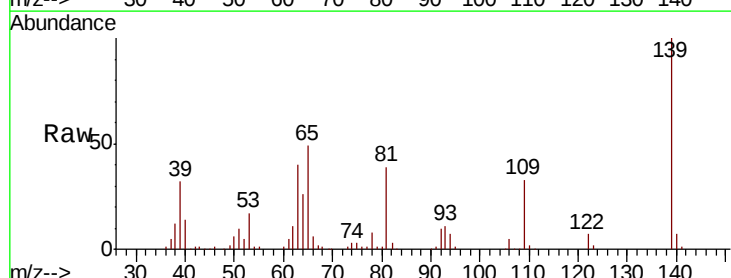
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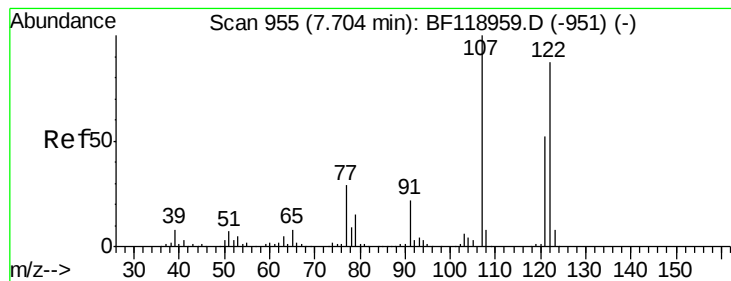
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#26
2-Nitrophenol
Concen: 34.977 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	187012		
109	33.3		25.7	38.5
65	49.0		37.1	55.7





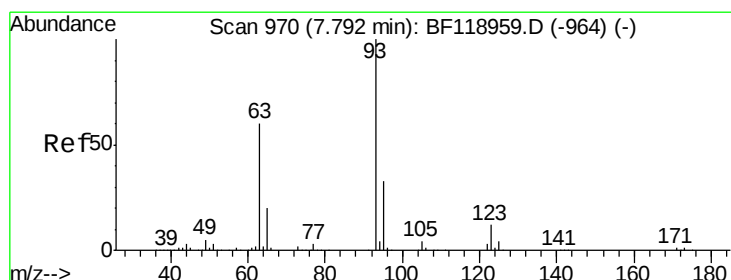
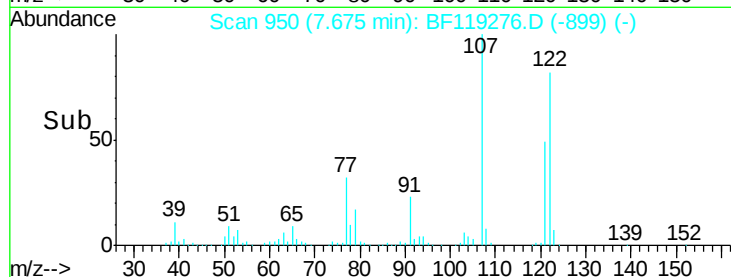
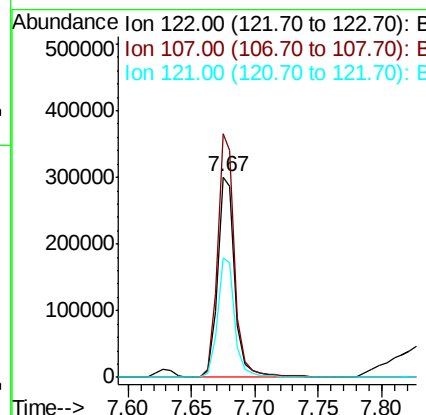
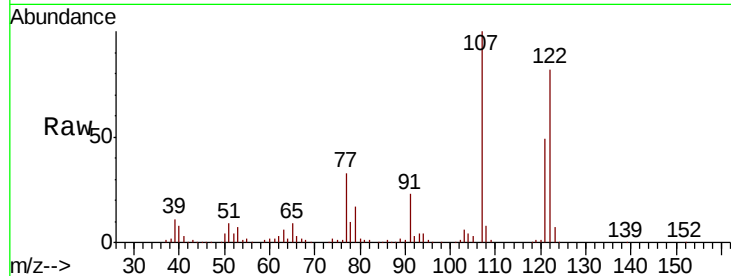
#27
2,4-Dimethylphenol
Concen: 40.089 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	290906		
107	121.6	93.8	140.6	
121	59.9	48.2	72.2	

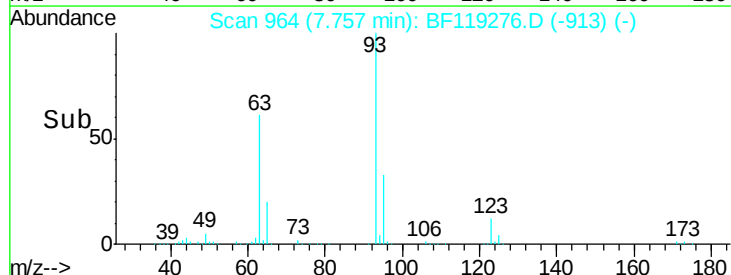
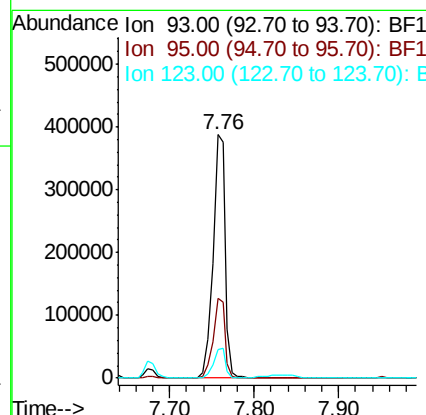
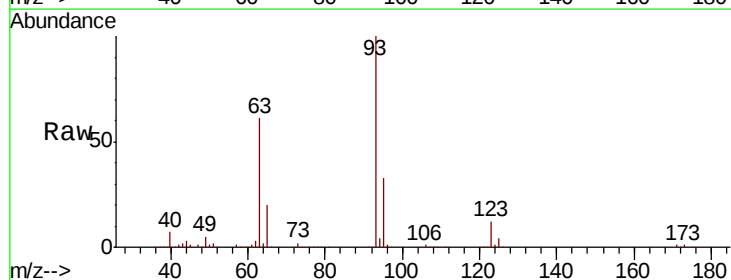
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 34.326 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	395961		
95	33.0	26.5	39.7	
123	11.9	10.2	15.2	





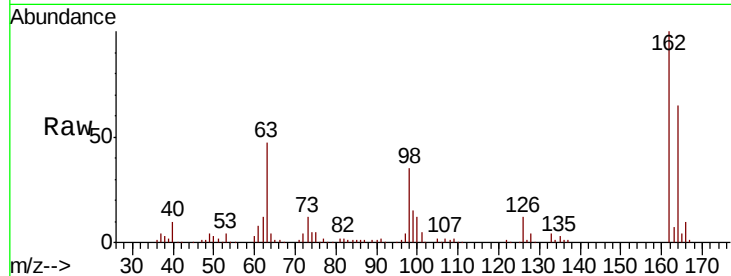
#29
2,4-Dichlorophenol
Concen: 36.178 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.8	45.2	85.2
98	35.3	17.4	57.4

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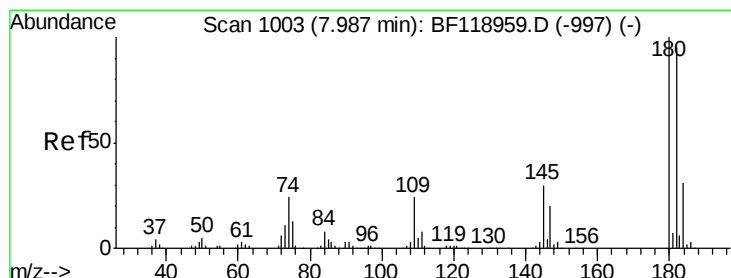
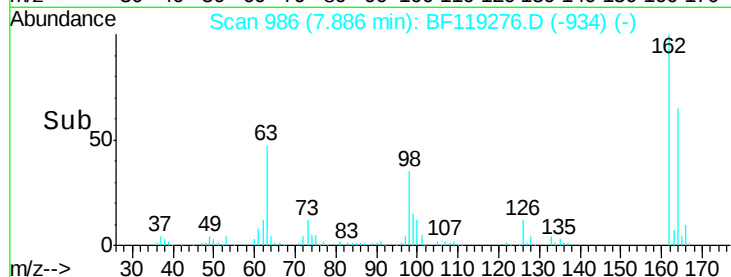
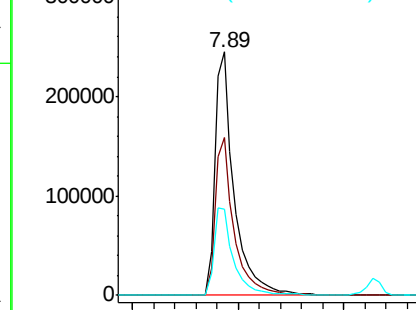


Abundance

Ion 162.00 (161.70 to 162.70): E

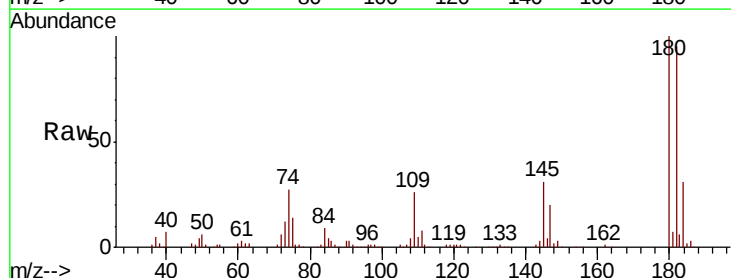
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 33.701 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.2	77.8	116.6
145	31.0	25.2	37.8

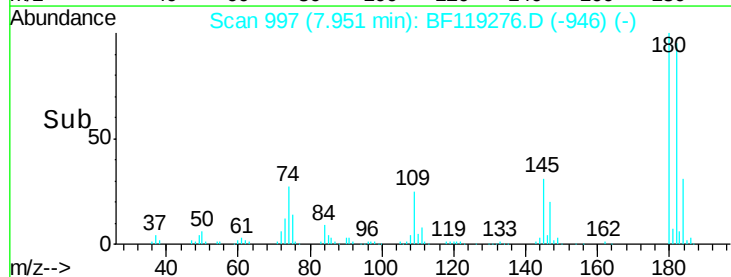
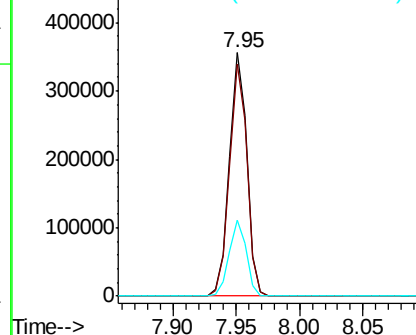


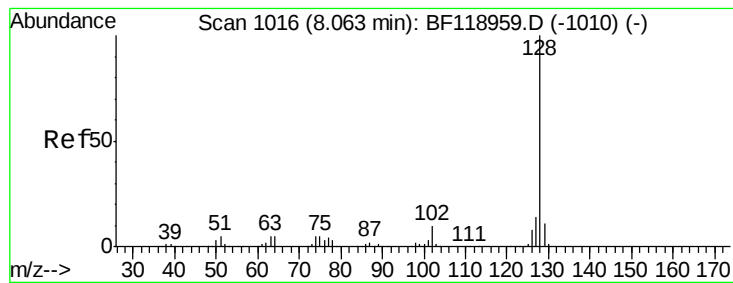
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.916 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

PB127331BS

Tot Ion:128 Resp: 1003602

Ion Ratio Lower Upper

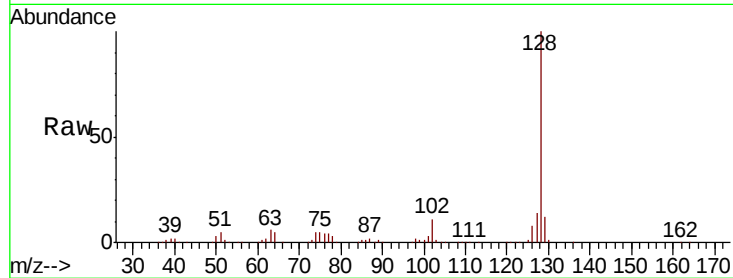
128 100

129 11.6 9.4 14.2

127 14.0 11.4 17.2

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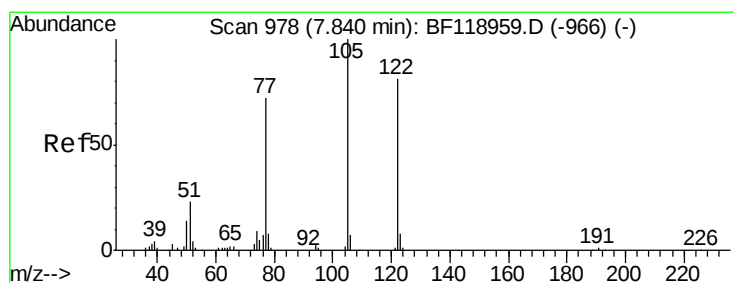
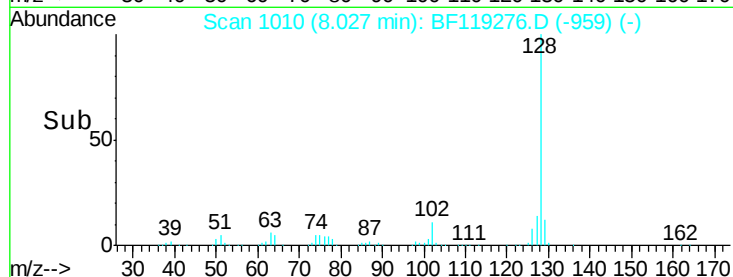
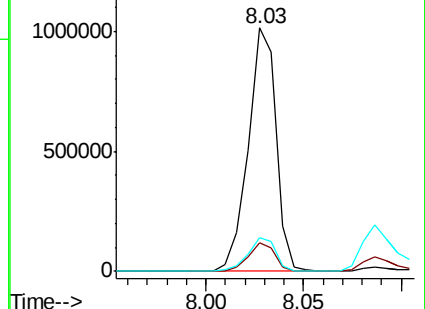
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.597 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

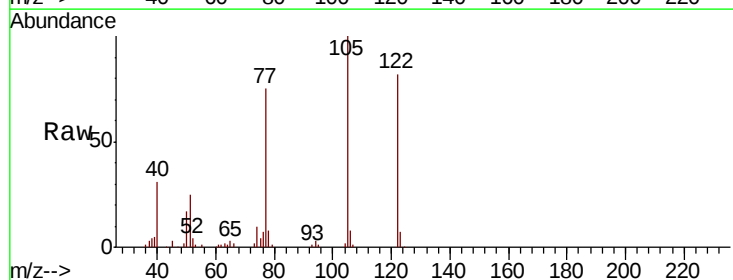
Tgt Ion:122 Resp: 159410

Ion Ratio Lower Upper

122 100

105 122.7 106.3 146.3

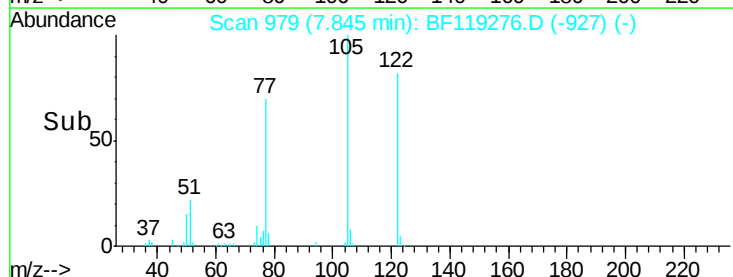
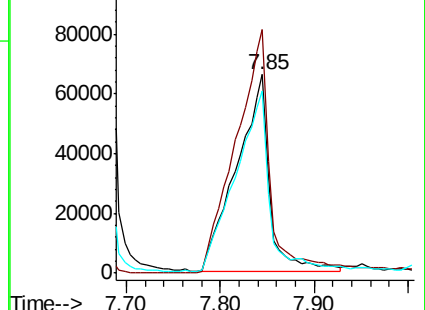
77 91.9 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





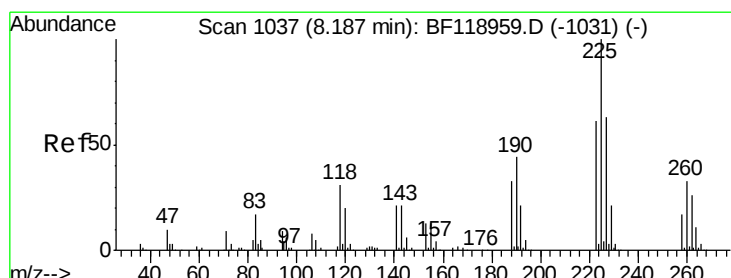
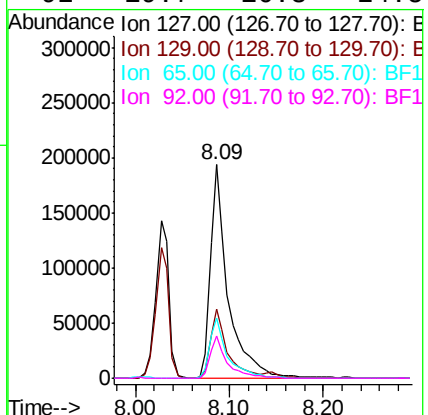
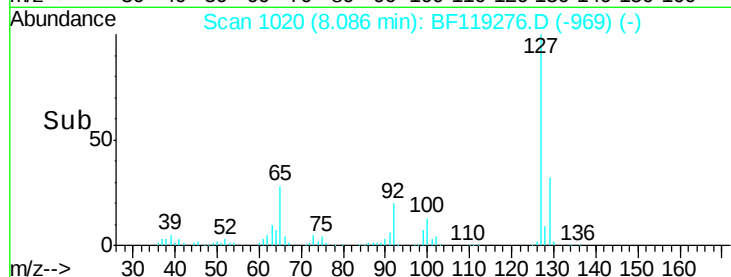
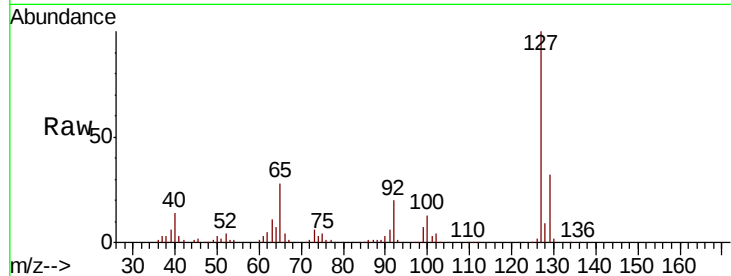
#33
4-Chloroaniline
Concen: 21.190 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.9	38.9		
65	28.4	23.9	35.9		
92	19.7	16.3	24.5		

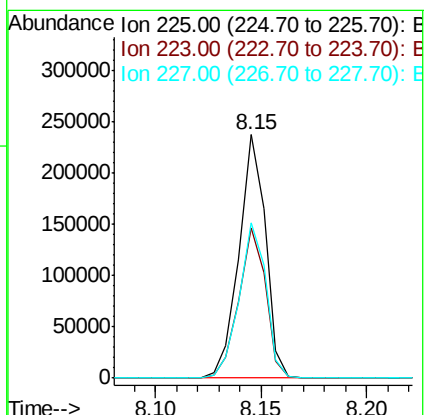
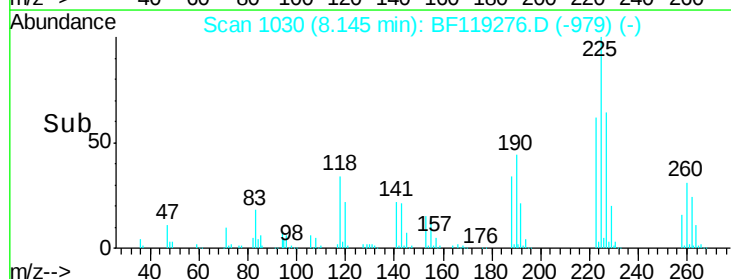
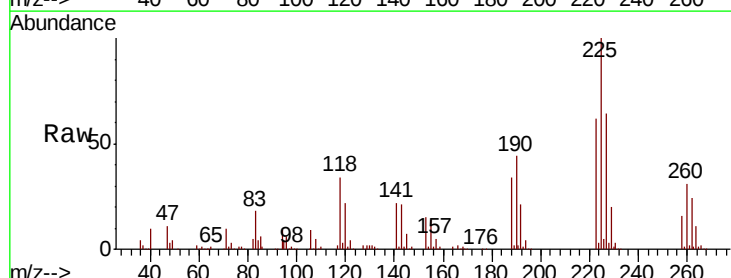
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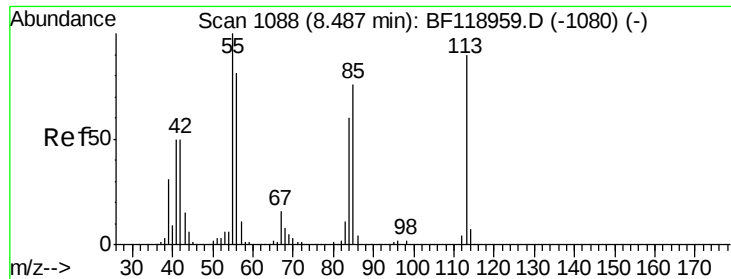
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#34
Hexachlorobutadiene
Concen: 32.779 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	49.4	74.2		
227	63.9	52.9	79.3		





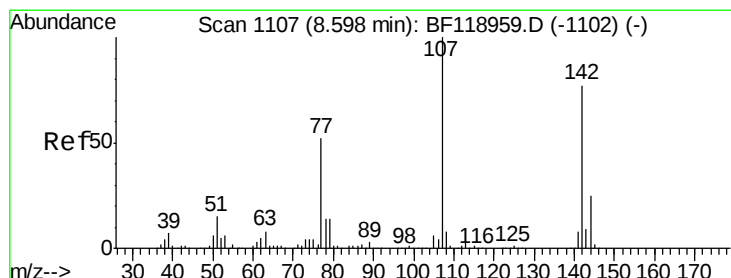
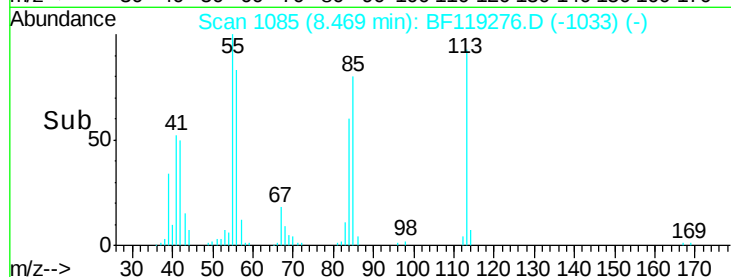
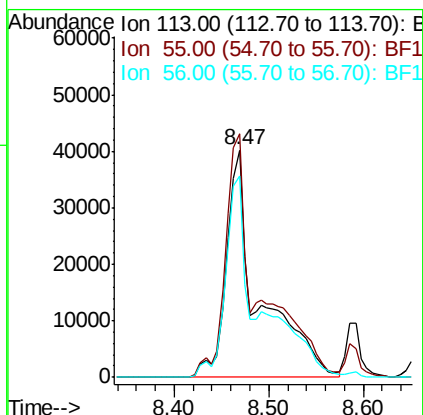
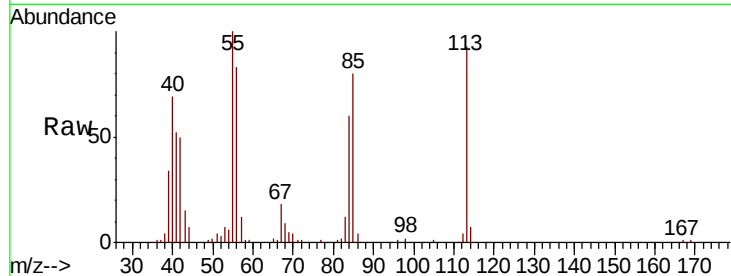
#35
 Caprolactam
 Concen: 36.787 ng/ml
 RT: 8.47 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	107.2	95.7	135.7
56	88.5	73.1	113.1

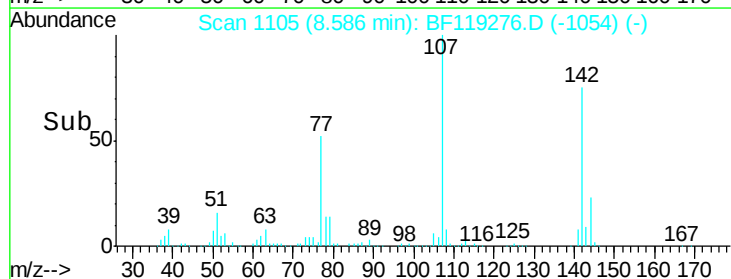
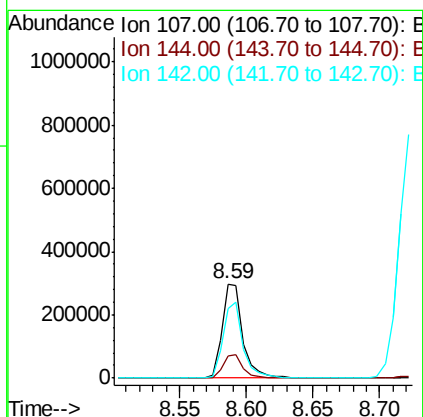
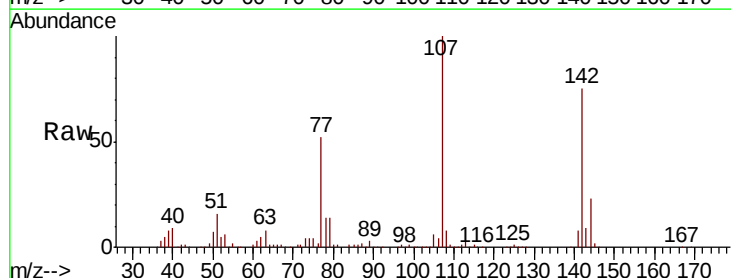
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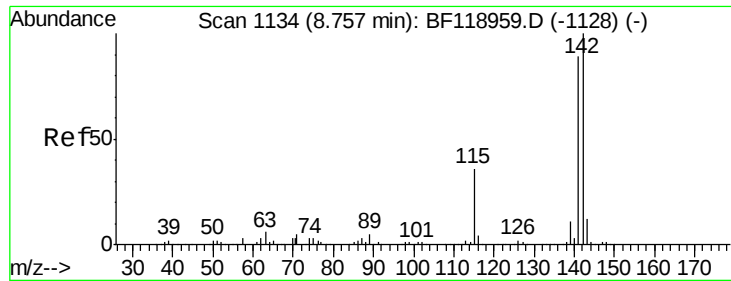
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#36
 4-Chloro-3-methylphenol
 Concen: 37.653 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	20.1	30.1
142	74.5	61.4	92.2





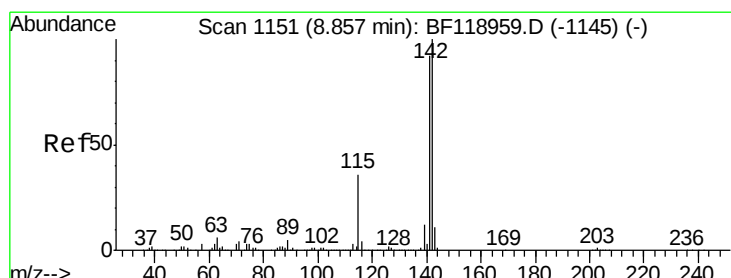
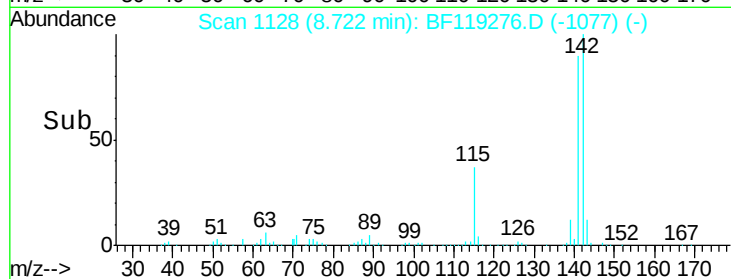
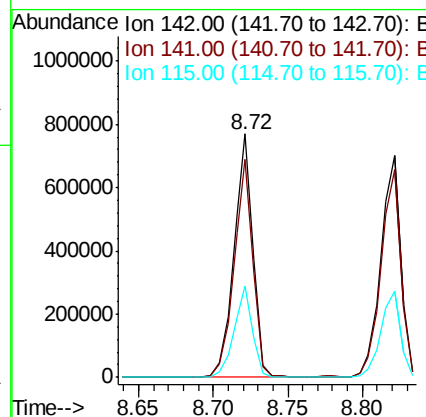
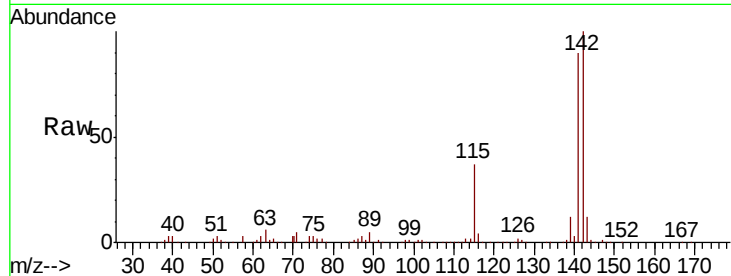
#37
2-Methylnaphthalene
Concen: 36.655 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.3	108.5
115	37.4	30.6	45.8

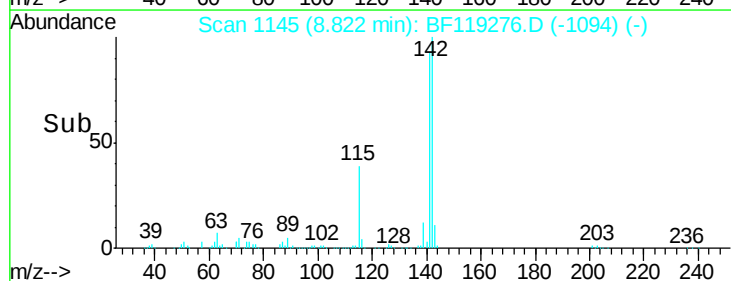
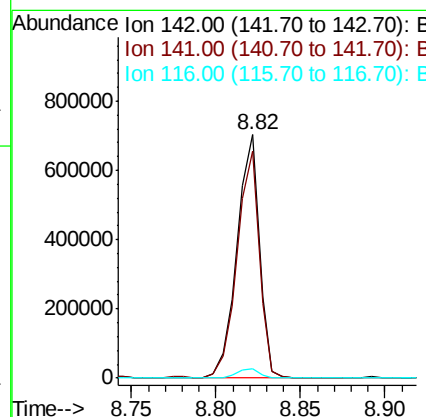
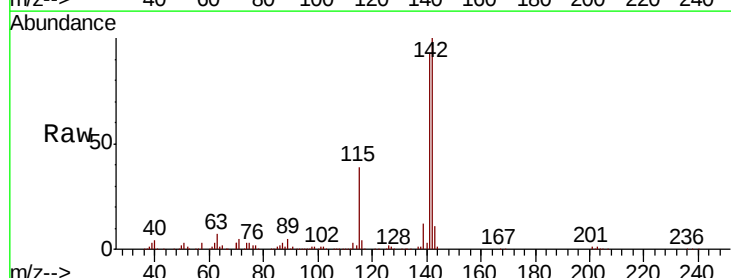
Manual Integrations
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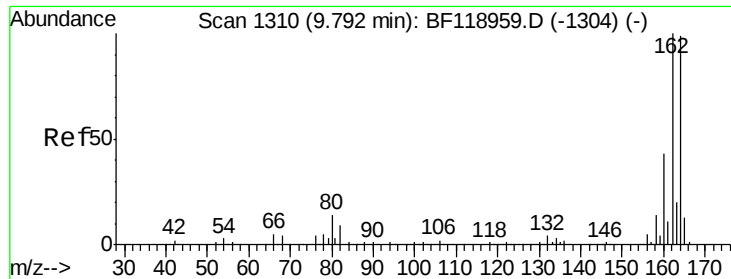
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#38
1-Methylnaphthalene
Concen: 36.452 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.8	113.6
116	4.0	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

PB127331BS

Tot Ion:164 Resp: 263682

Ion Ratio Lower Upper

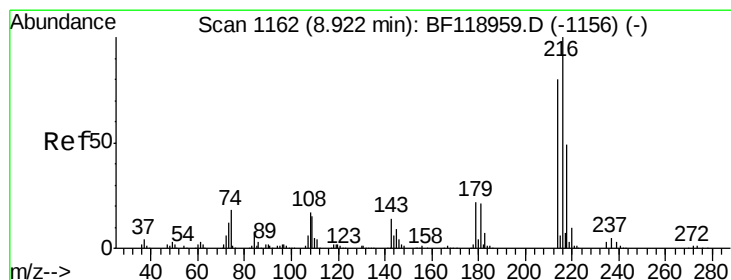
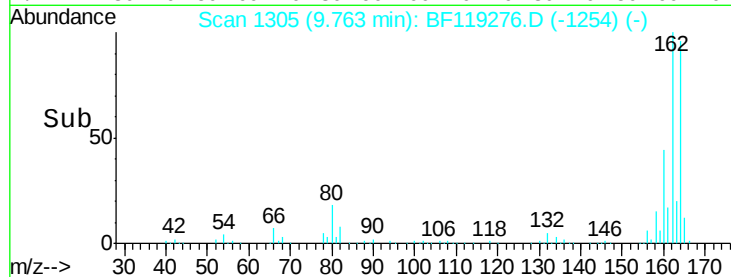
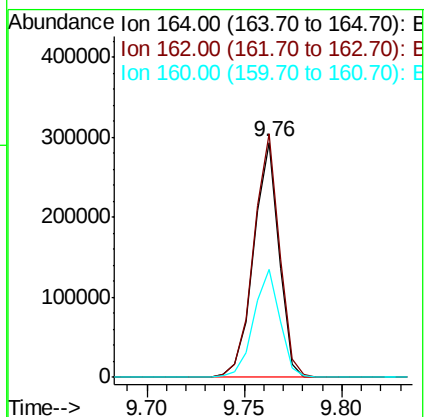
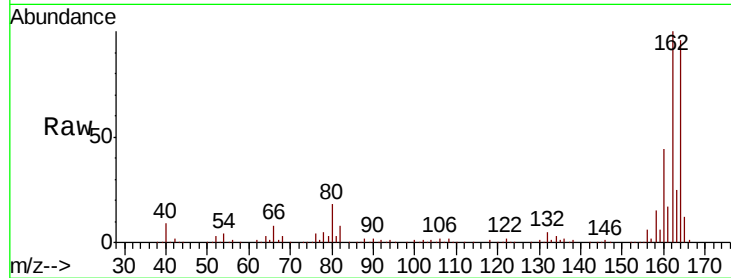
164 100

162 103.7 81.8 122.8

160 45.8 36.0 54.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.120 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Tgt Ion:216 Resp: 347787

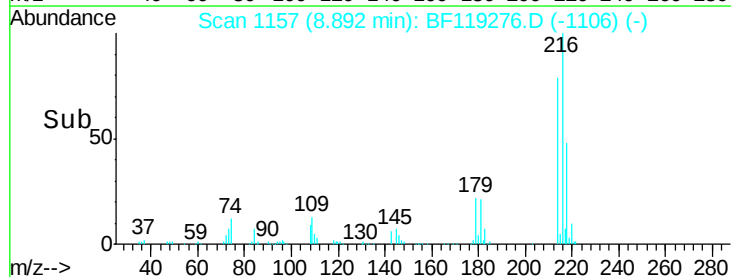
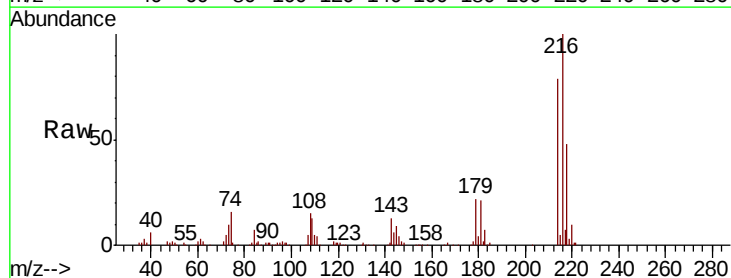
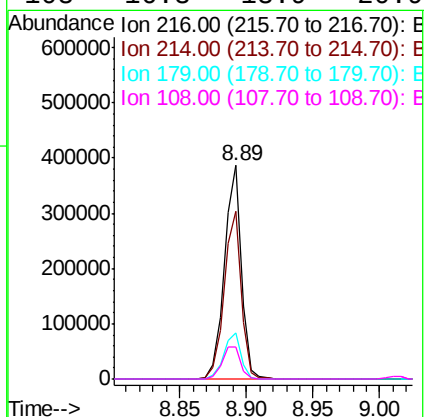
Ion Ratio Lower Upper

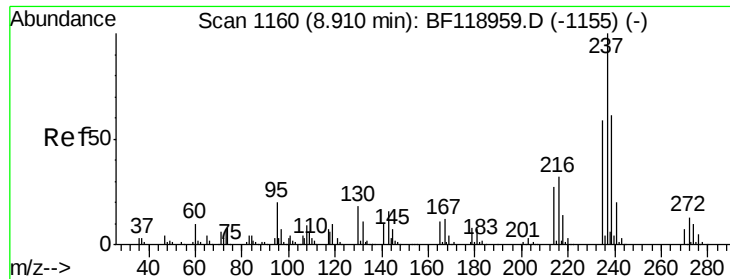
216 100

214 79.0 63.3 94.9

179 22.0 17.7 26.5

108 16.3 13.9 20.9





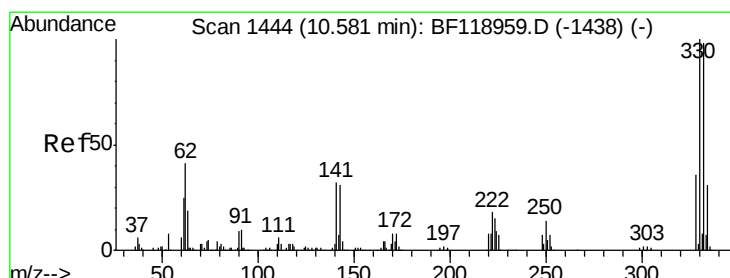
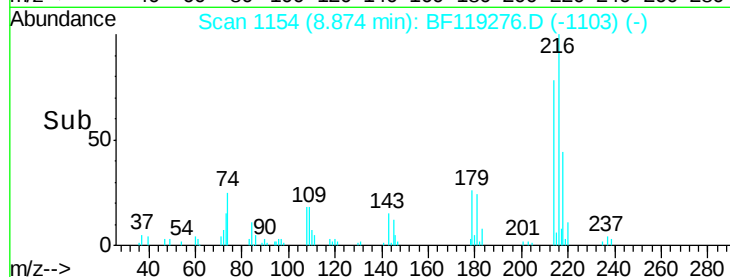
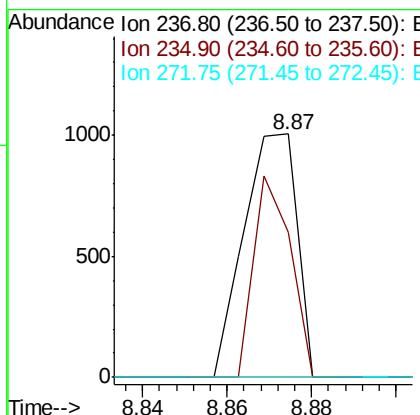
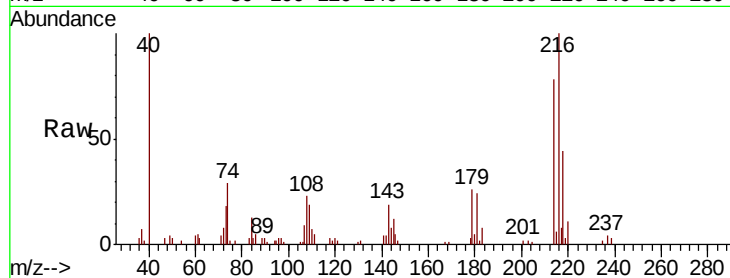
#41
Hexachlorocyclopentadiene
Concen: 9.635 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
237	100		
216	59.6	42.3	82.3
272	0.0	0.0	33.5

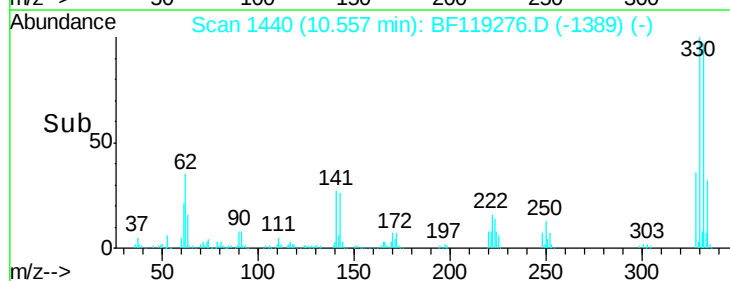
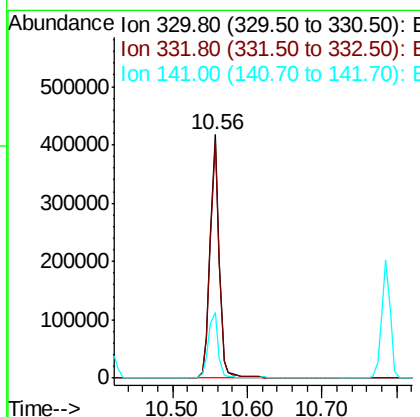
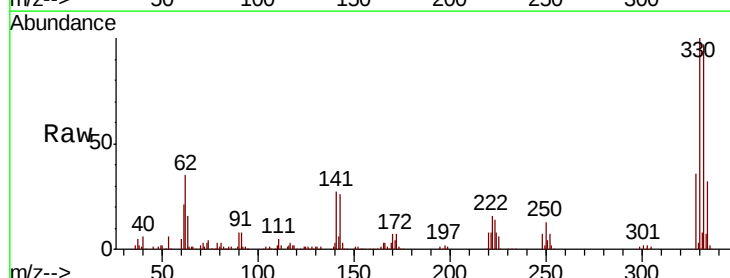
Manual Integrations
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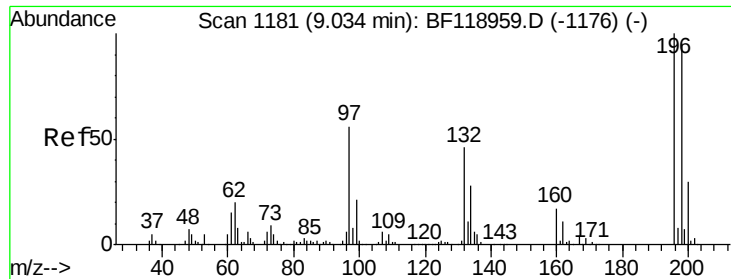
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#42
2,4,6-Tribromophenol
Concen: 105.471 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.0	114.0
141	28.7	22.9	34.3





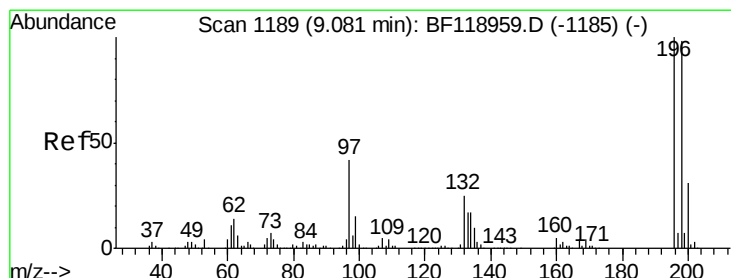
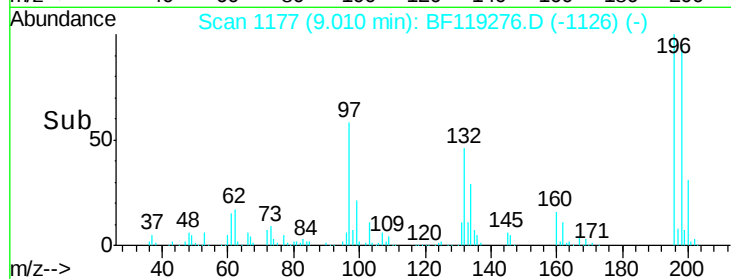
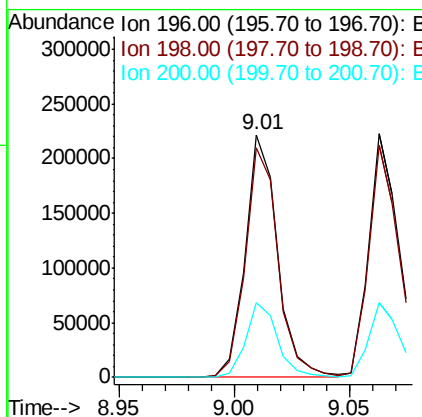
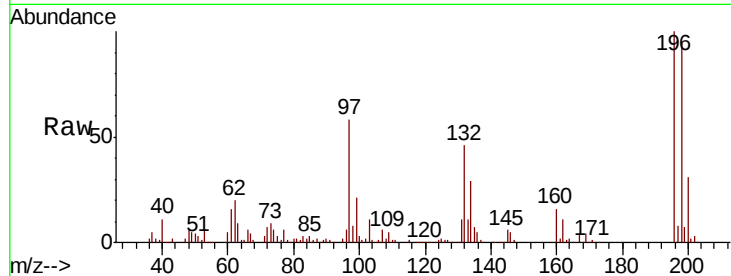
#43
 2,4,6-Trichlorophenol
 Concen: 38.652 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Instrument :
 BNA_F
 ClientSampleID :
 PB127331BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	217000		
198	94.5	77.1	115.7	
200	30.6	25.0	37.6	

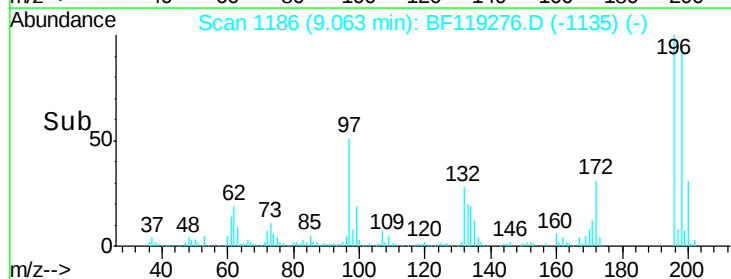
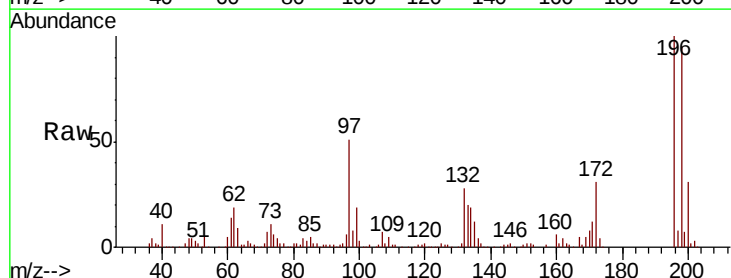
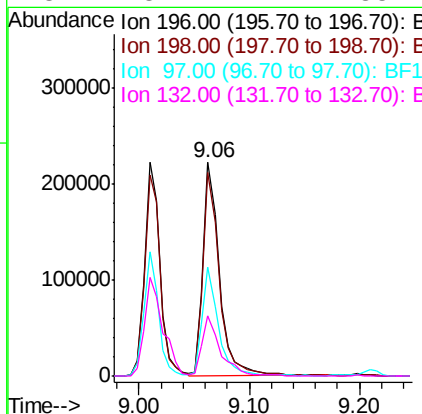
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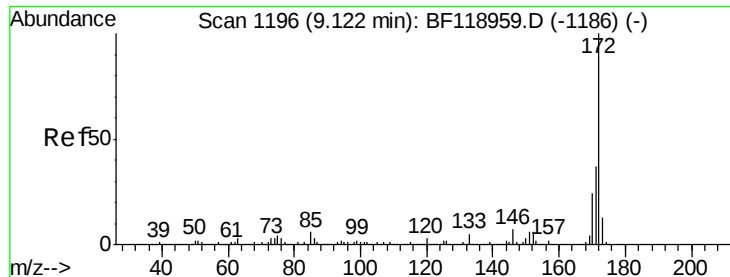
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#44
 2,4,5-Trichlorophenol
 Concen: 37.833 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	222883		
198	95.1	76.8	115.2	
97	50.8	38.5	57.7	
132	28.4	22.2	33.4	





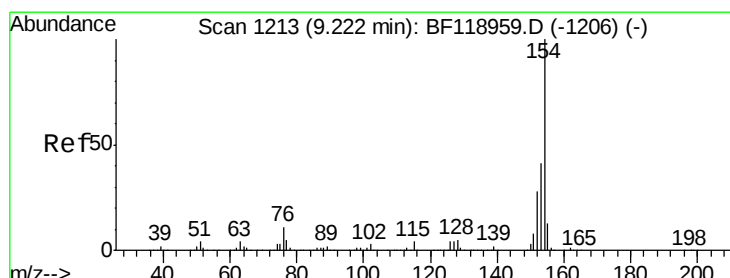
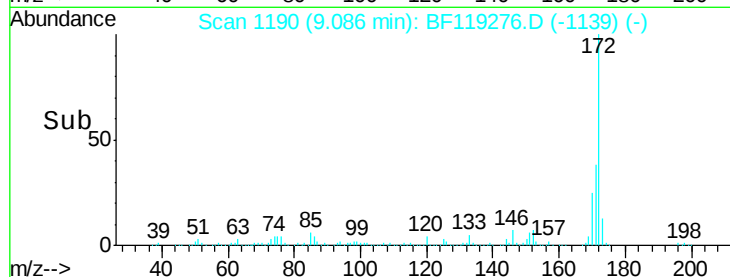
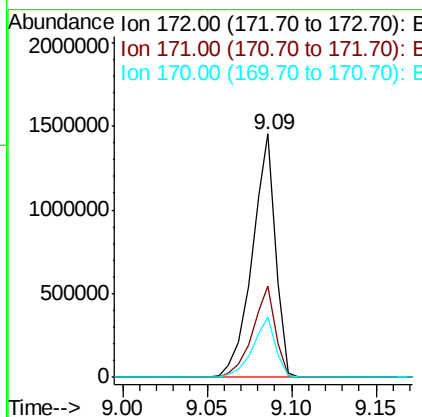
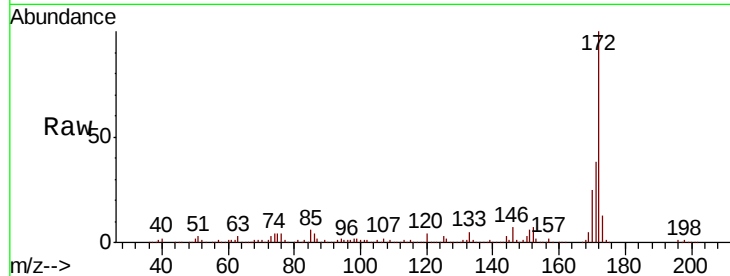
#45
2-Fluorobiphenyl
Concen: 78.300 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.6	45.8
170	24.8	20.2	30.2

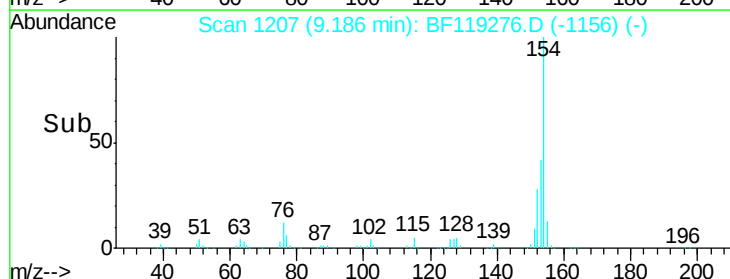
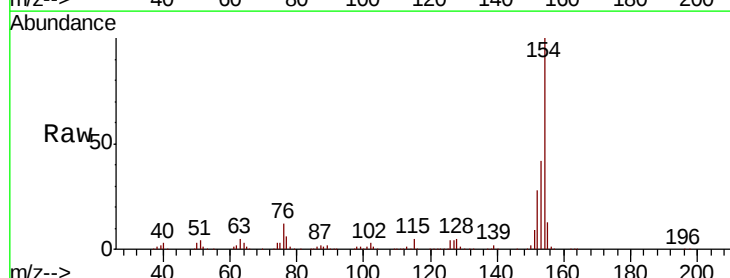
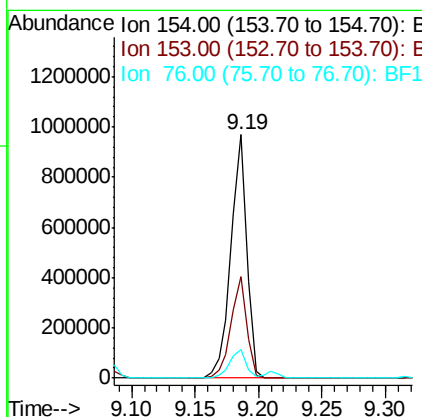
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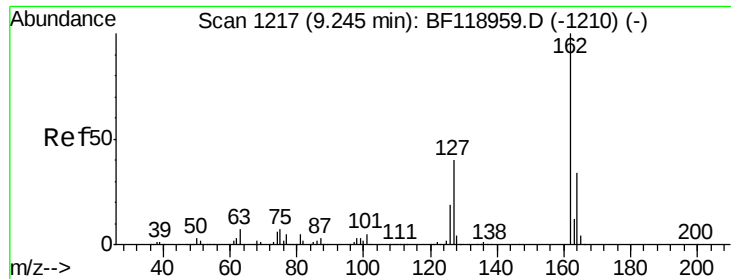
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#46
1,1'-Biphenyl
Concen: 39.281 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.8	62.8
76	11.8	0.0	32.2





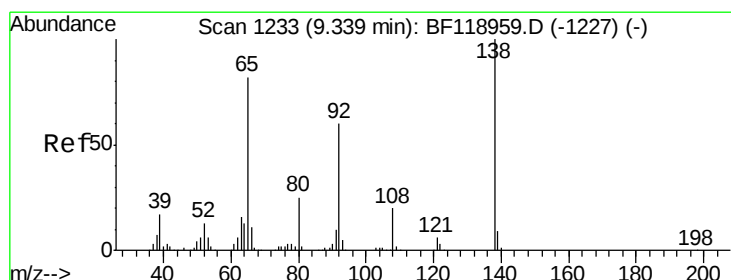
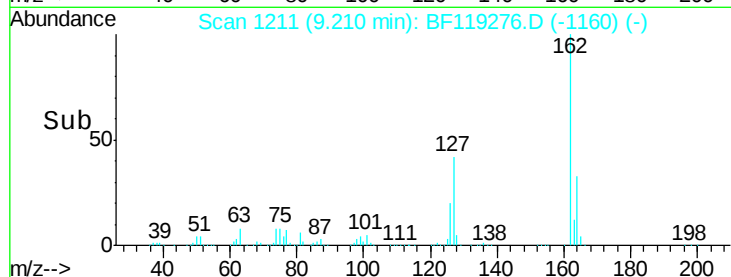
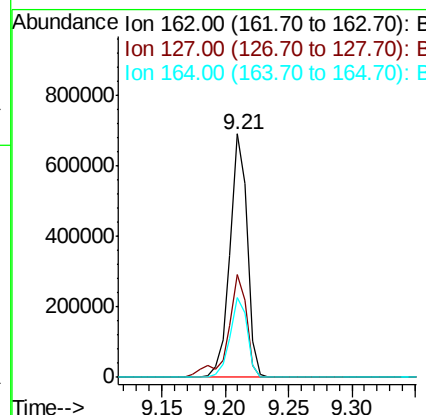
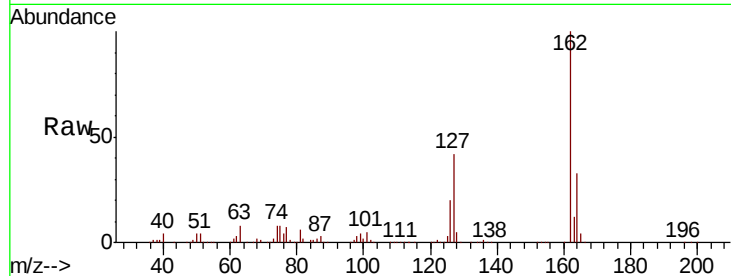
#47
 2-Chloronaphthalene
 Concen: 38.010 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	652752		
127	42.5	35.0	52.4	
164	32.9	27.2	40.8	

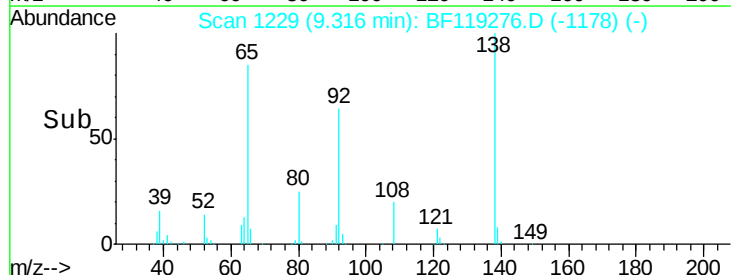
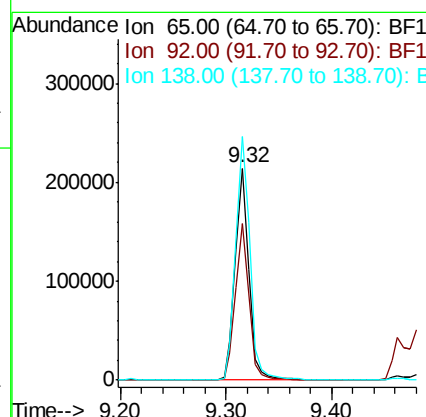
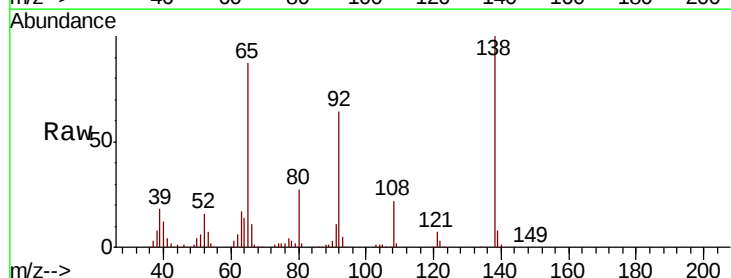
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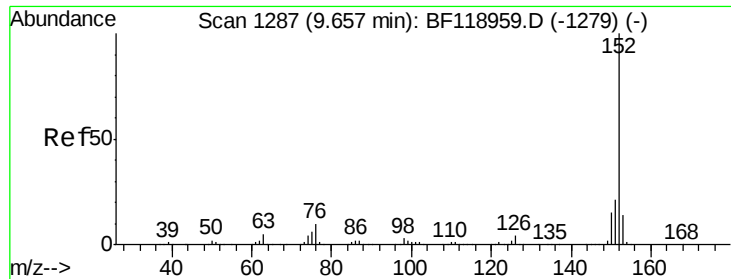
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#48
 2-Nitroaniline
 Concen: 40.445 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	193731		
92	74.1	58.2	87.2	
138	115.0	95.6	143.4	





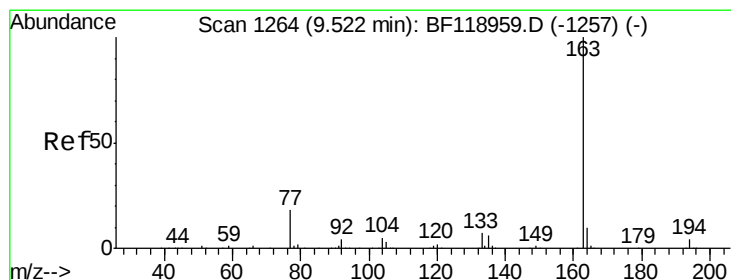
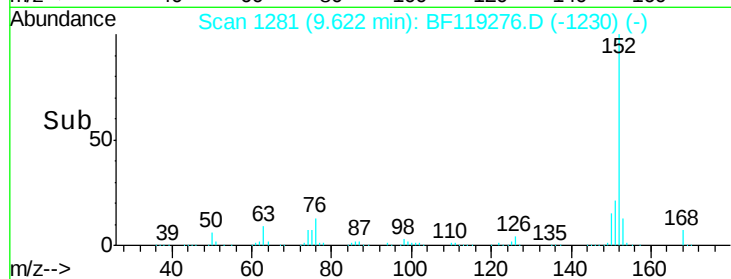
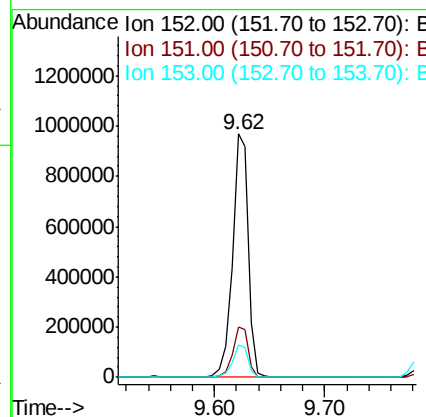
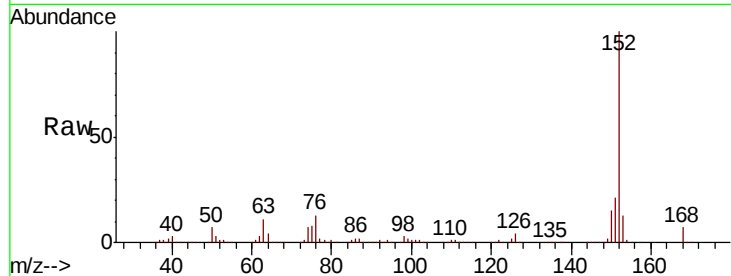
#49
Acenaphthylene
Concen: 38.806 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		962532		
151	20.7	16.9	25.3		
153	13.1	11.0	16.6		

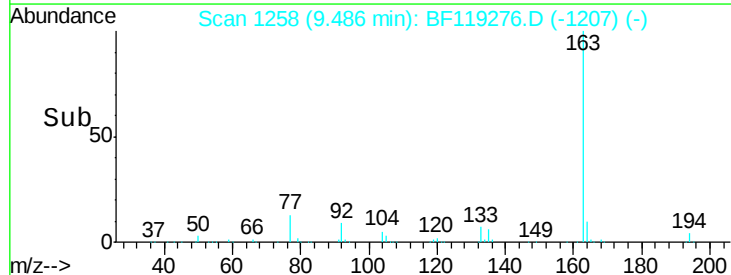
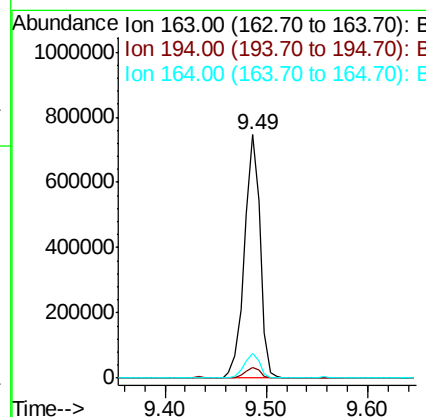
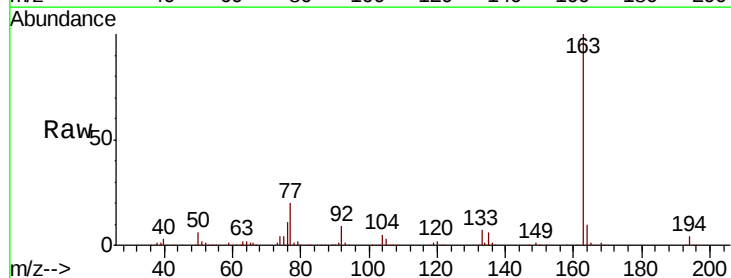
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3/9/2020 3:09:43 PM



#50
Dimethylphthalate
Concen: 39.395 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		794324		
194	4.2	3.5	5.3		
164	10.1	8.4	12.6		





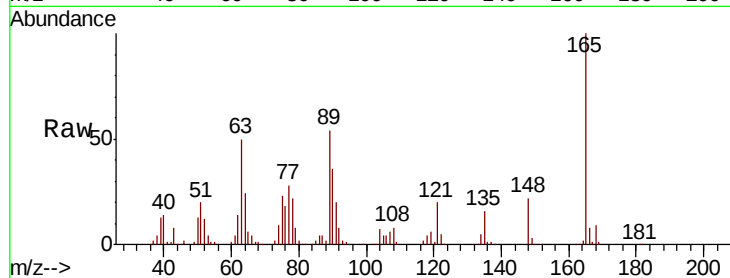
#51
2,6-Dinitrotoluene
Concen: 38.602 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

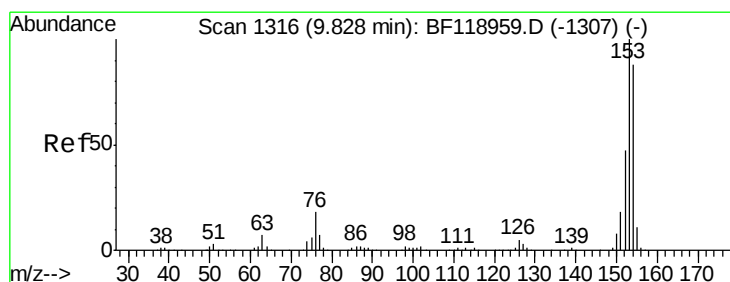
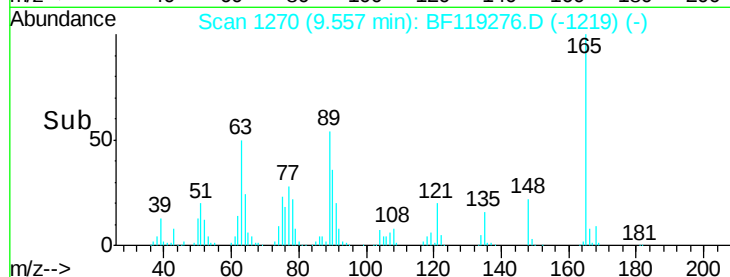
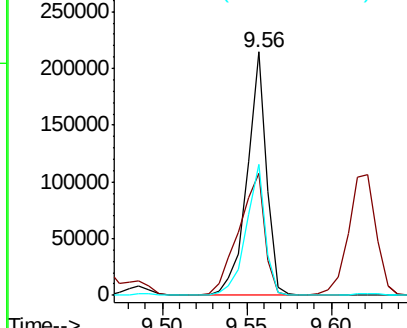
Tot Ion:	165	Resp:	172923
Ion Ratio	Lower	Upper	
165	100		
63	50.0	34.3	51.5
89	54.1	38.3	57.5

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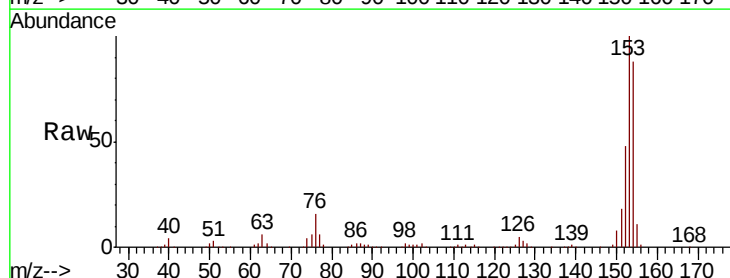


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

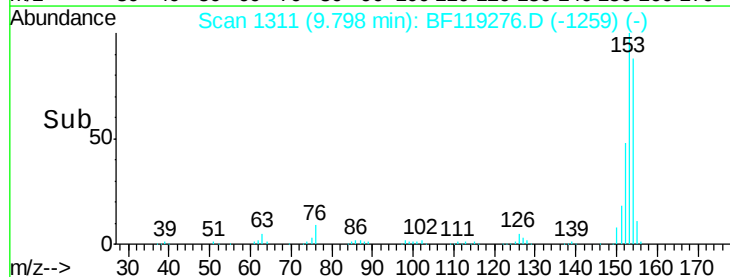
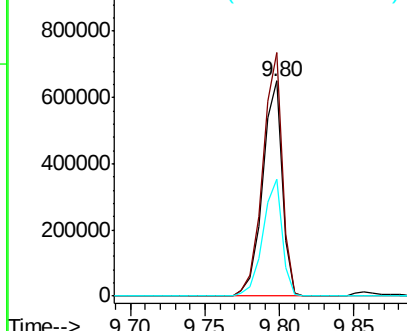


#52
Acenaphthene
Concen: 39.028 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion:	154	Resp:	583701
Ion Ratio	Lower	Upper	
154	100		
153	113.2	90.3	135.5
152	54.4	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





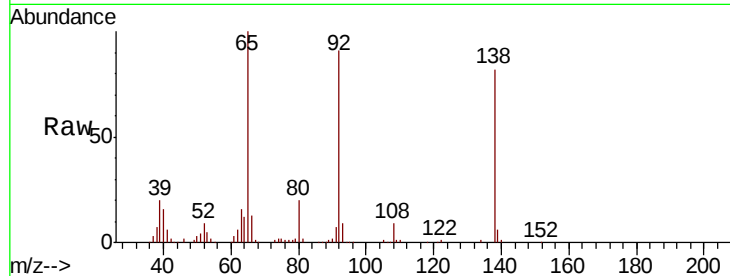
#53
3-Nitroaniline
Concen: 28.705 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

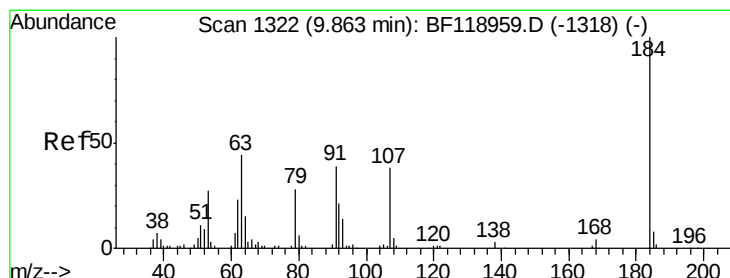
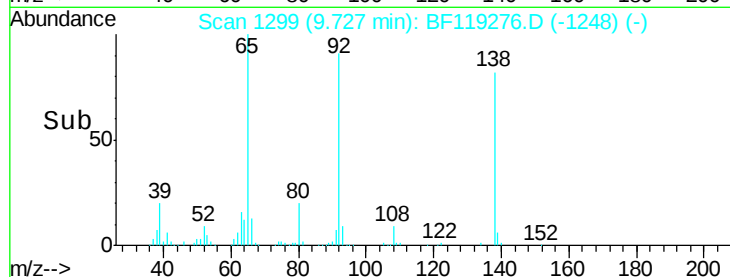
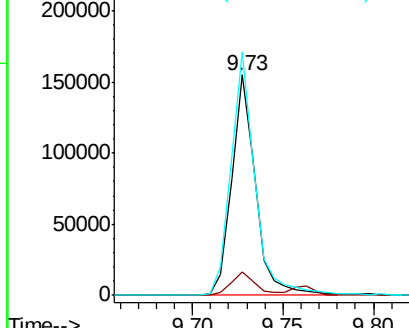
Tot Ion	Ratio	Resp	Lower	Upper
138	100	142557		
108	10.8	8.8	13.2	
92	110.6	84.8	127.2	

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3/9/2020 3:09:43 PM

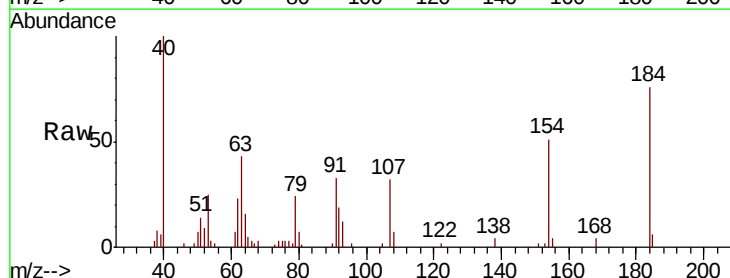


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

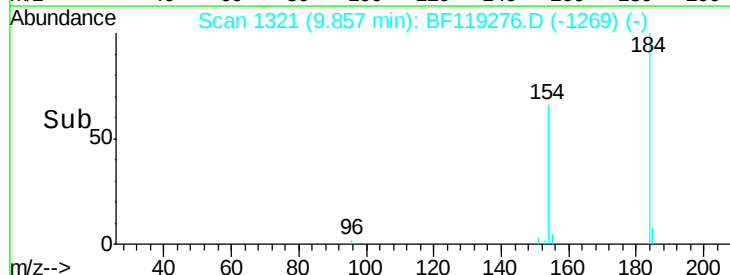
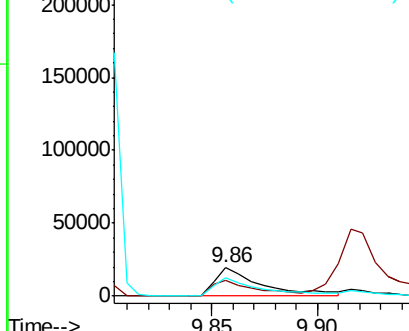


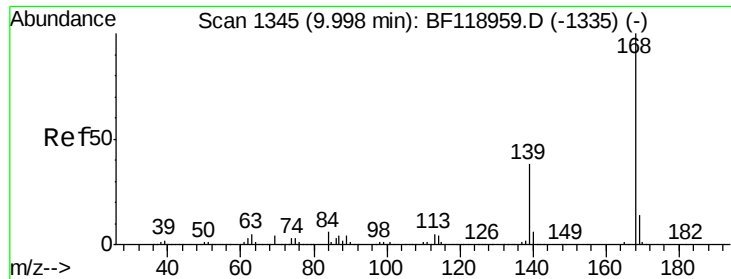
#54
2,4-Dinitrophenol
Concen: 19.660 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	29263		
63	55.9	38.7	58.1	
154	66.4	49.7	74.5	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





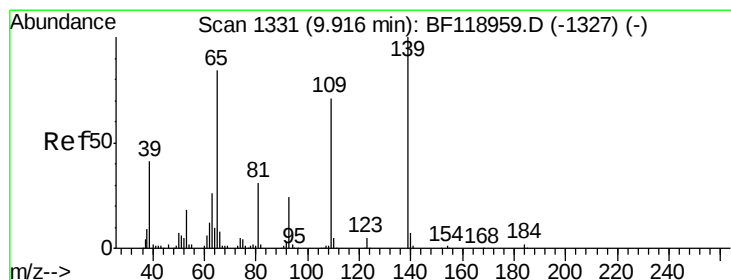
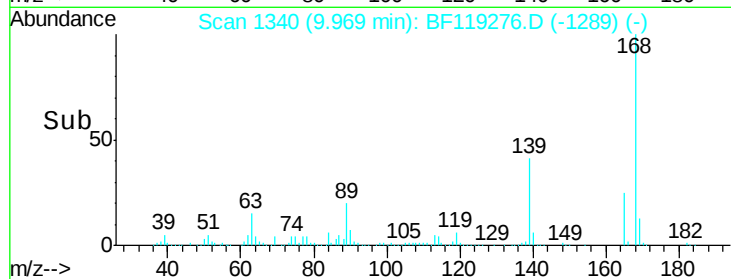
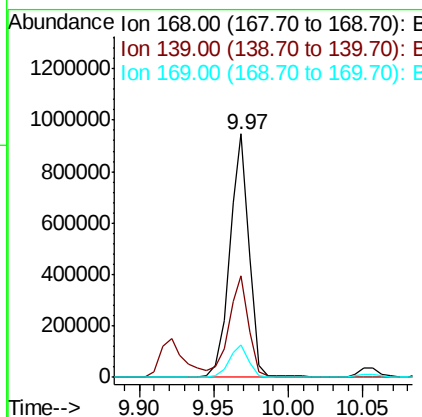
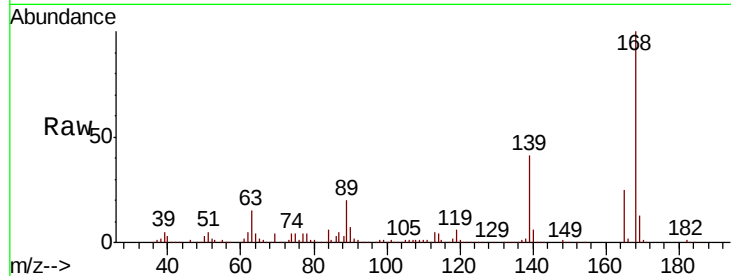
#55
Dibenzenofuran
Concen: 38.264 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	34.0	51.0
169	13.5	11.0	16.4

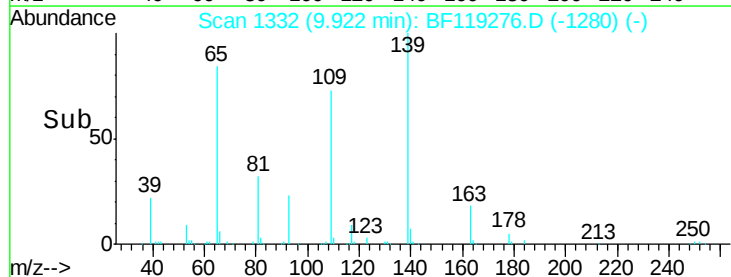
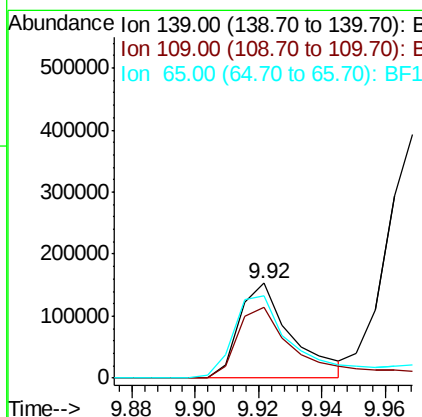
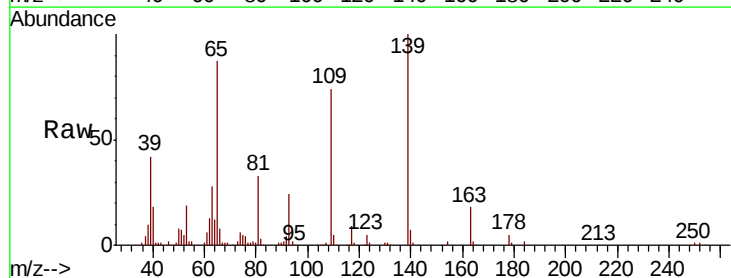
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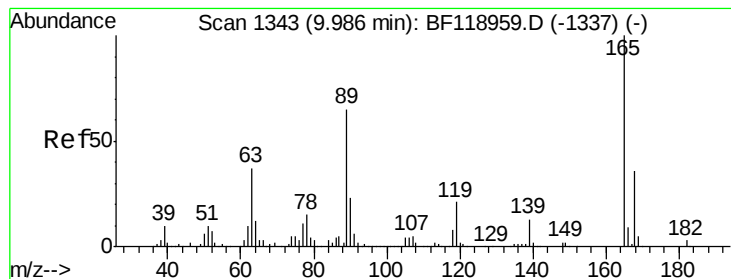
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#56
4-Nitrophenol
Concen: 58.573 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.4	56.7	96.7
65	86.9	65.0	105.0





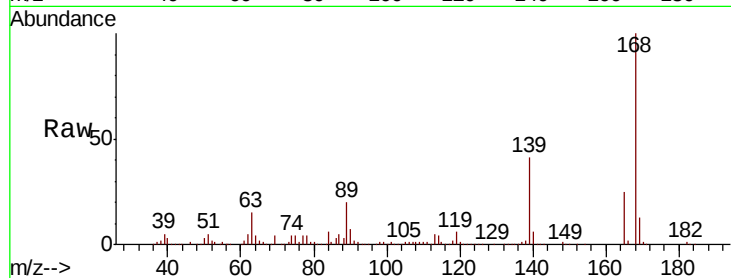
#57
2,4-Dinitrotoluene
Concen: 36.092 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

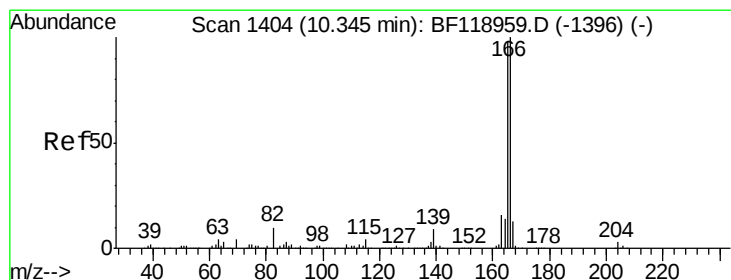
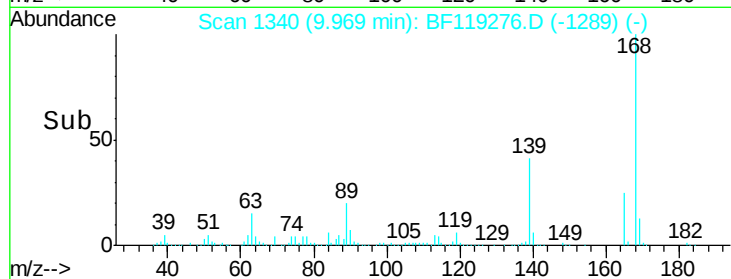
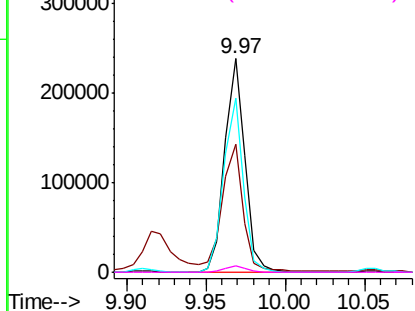
Tot Ion	Ratio	Resp	Lower	Upper
165	100	209568		
63	59.9	42.3	63.5	
89	81.3	60.2	90.4	
182	2.9	2.3	3.5	

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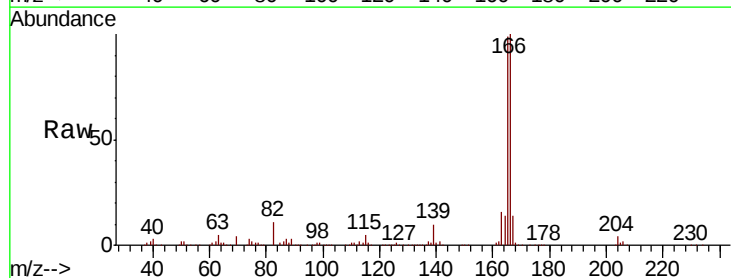


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

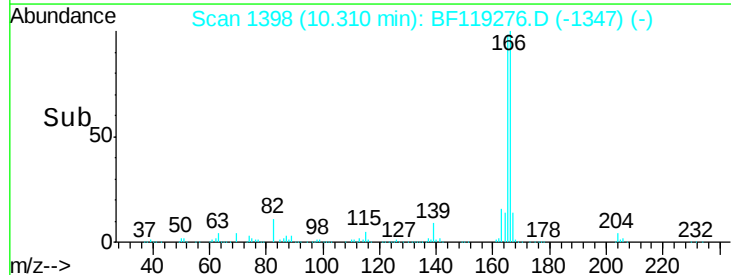
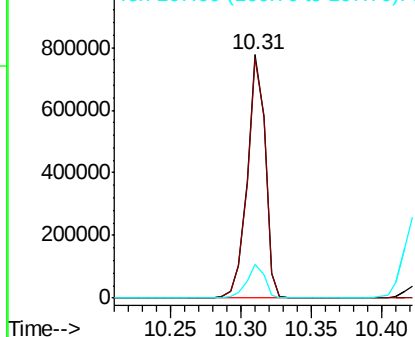


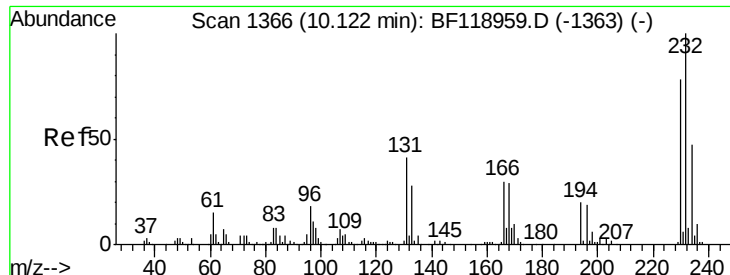
#58
Fluorene
Concen: 39.698 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	688630		
165	98.6	78.5	117.7	
167	13.7	11.0	16.4	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





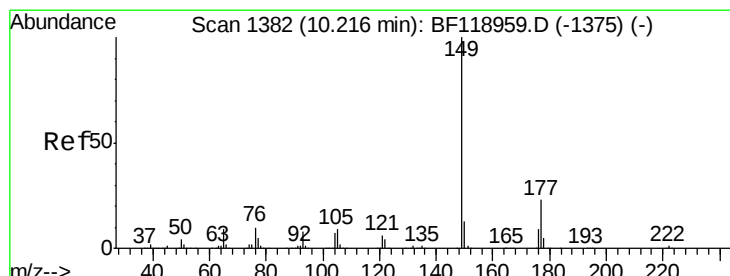
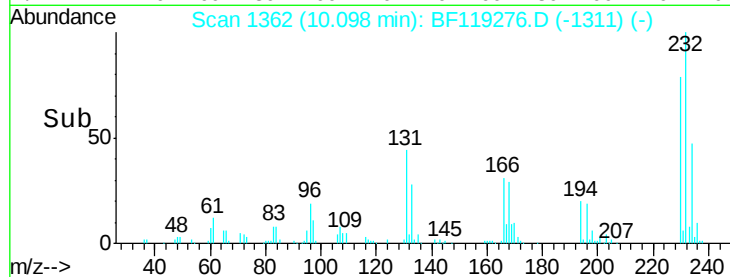
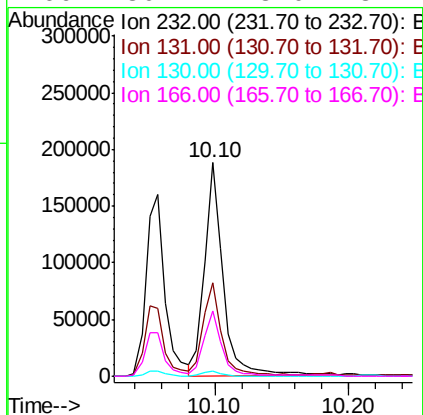
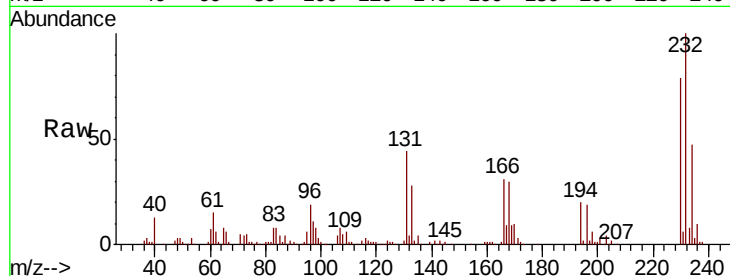
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.023 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tot Ion:	232	Resp:	179071
Ion Ratio	Lower	Upper	
232	100		
131	43.4	33.8	50.8
130	2.3	1.8	2.6
166	30.4	23.0	34.4

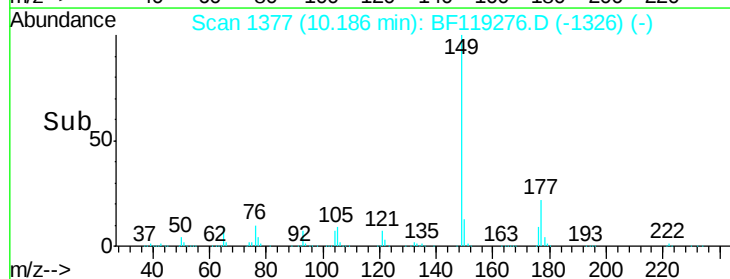
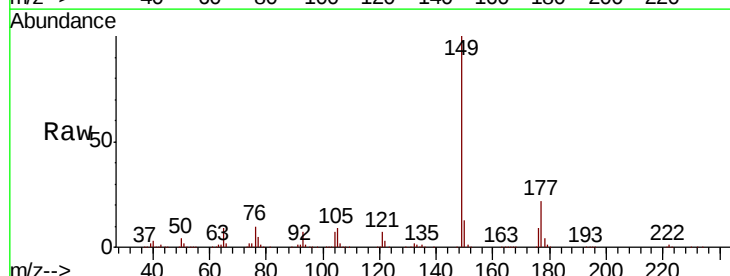
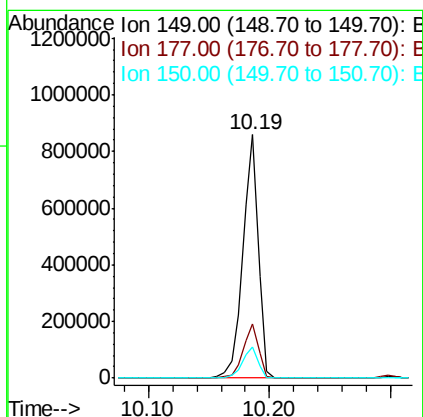
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#60
 Diethylphthalate
 Concen: 40.262 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion:	149	Resp:	765032
Ion Ratio	Lower	Upper	
149	100		
177	22.4	18.2	27.2
150	12.6	10.5	15.7





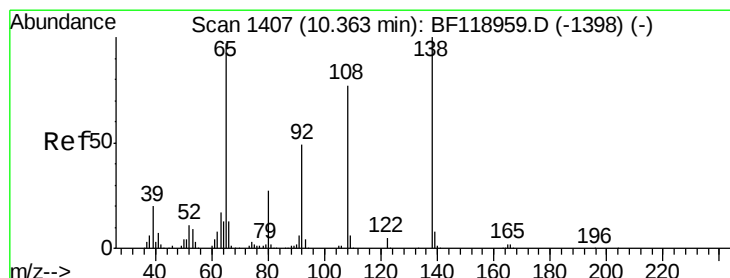
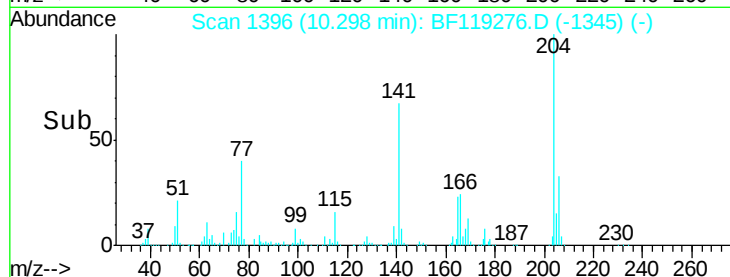
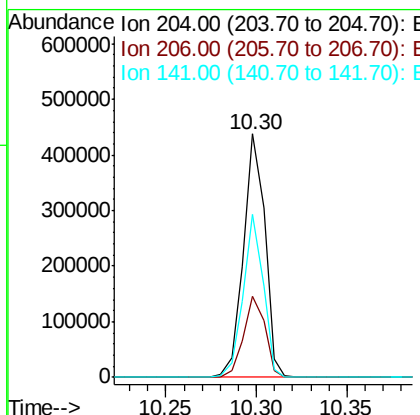
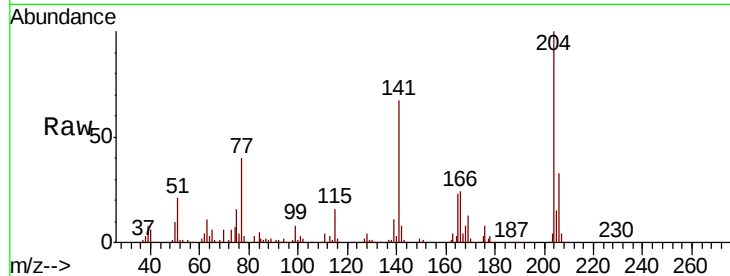
#61
 4-Chlorophenyl-phenylether
 Concen: 39.226 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	360165		
206	33.2	27.1	40.7	
141	66.7	52.9	79.3	

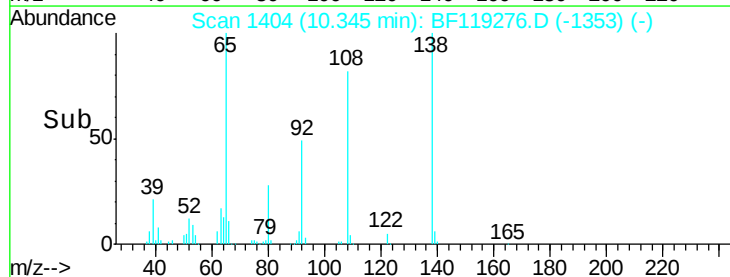
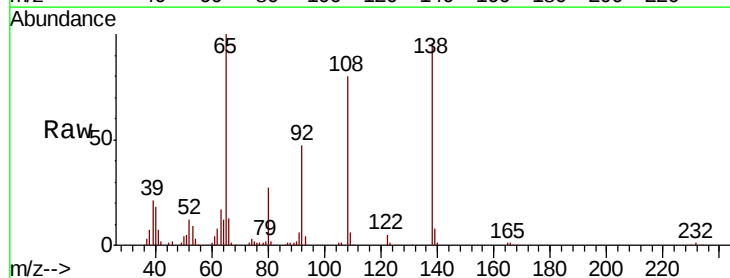
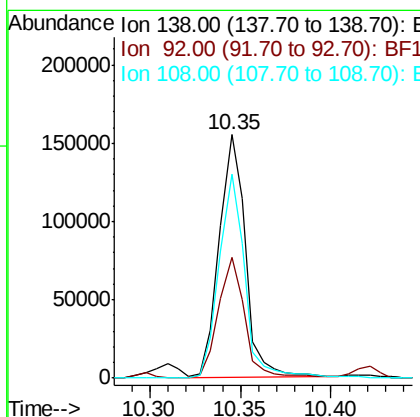
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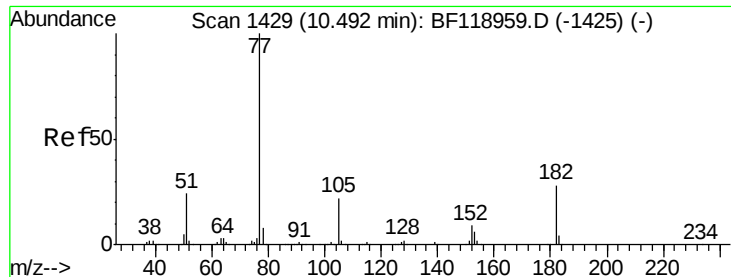
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#62
 4-Nitroaniline
 Concen: 30.879 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	156899		
92	49.3	27.3	67.3	
108	83.5	57.0	97.0	





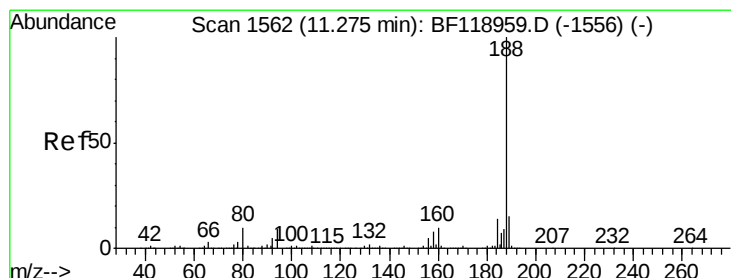
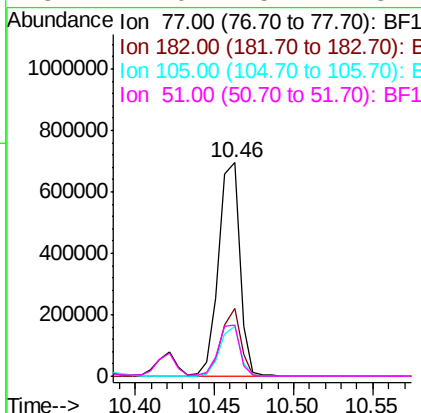
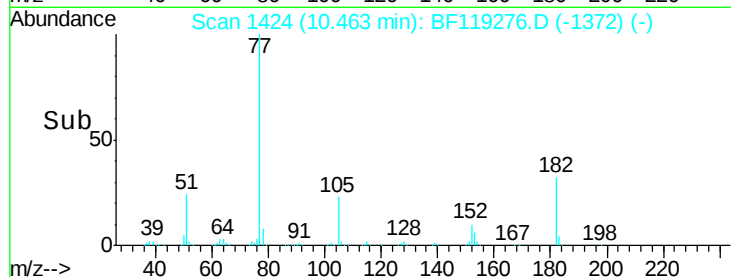
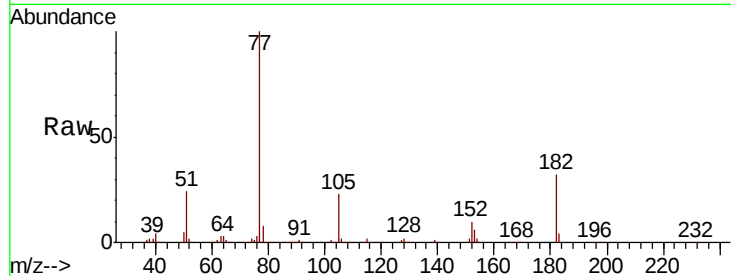
#63
Azobenzene
Concen: 39.321 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.5	11.4	51.4	
105	23.1	3.4	43.4	
51	24.0	5.1	45.1	

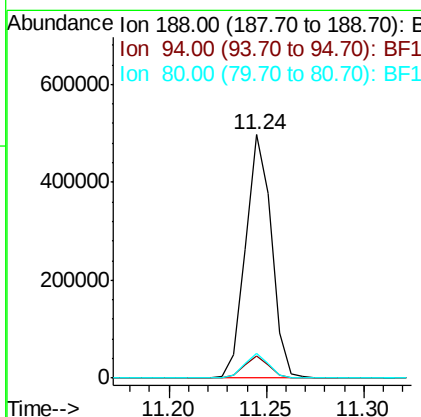
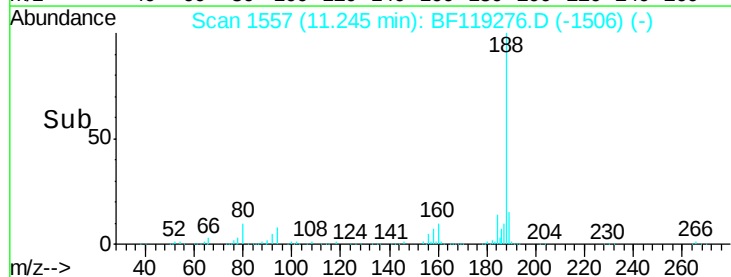
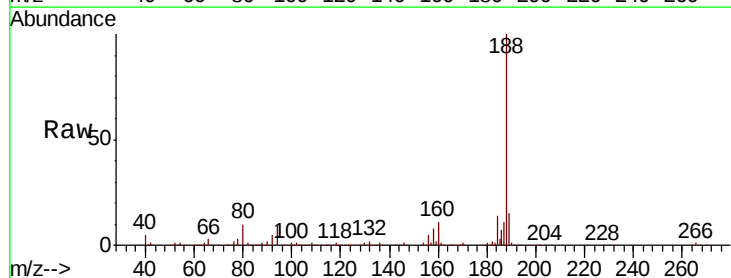
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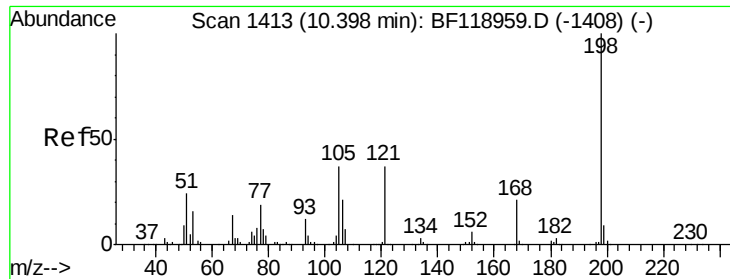
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.0	7.1	10.7	
80	10.1	7.8	11.8	





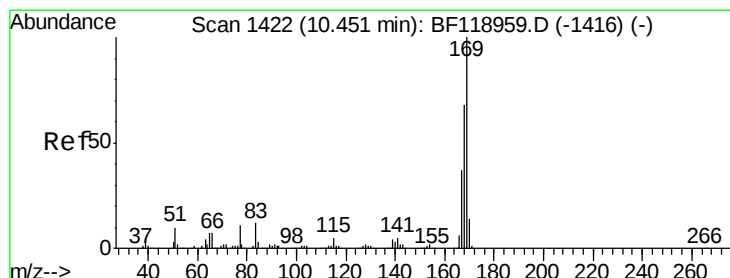
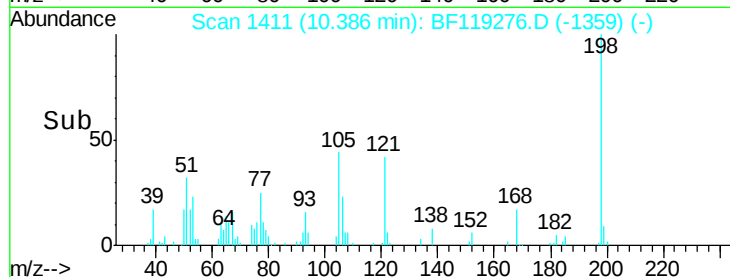
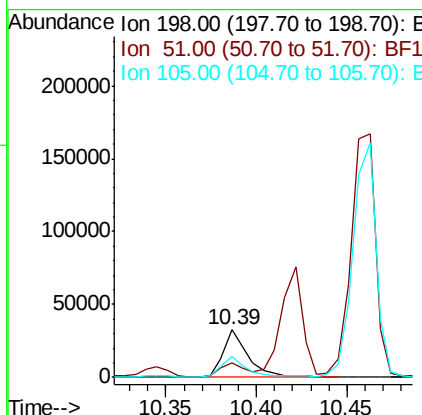
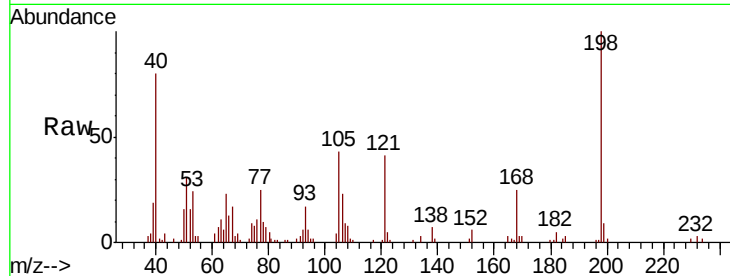
#65
4,6-Dinitro-2-methylphenol
Concen: 11.594 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	32075		
51	31.1	14.2	54.2	
105	43.2	22.7	62.7	

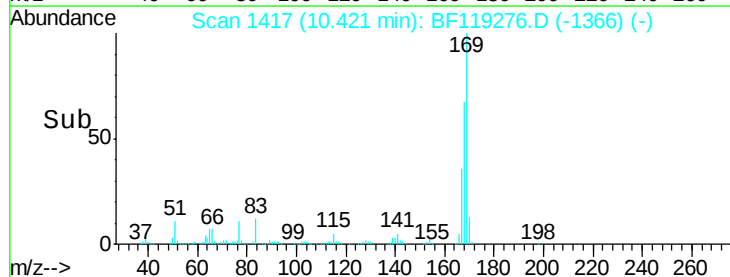
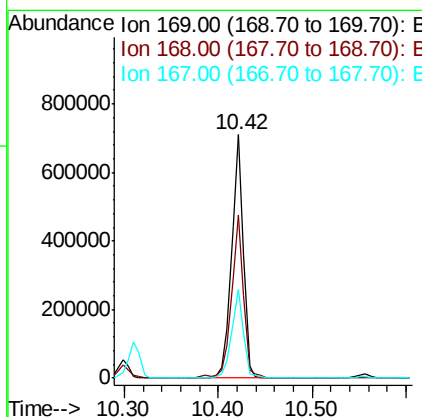
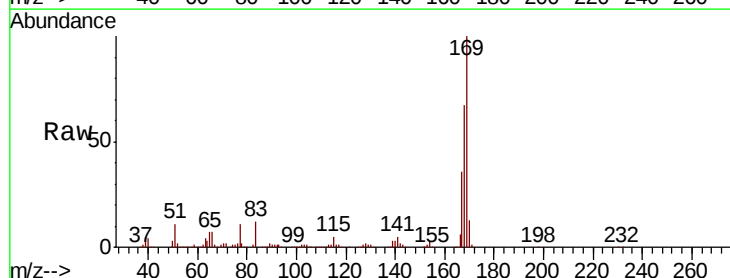
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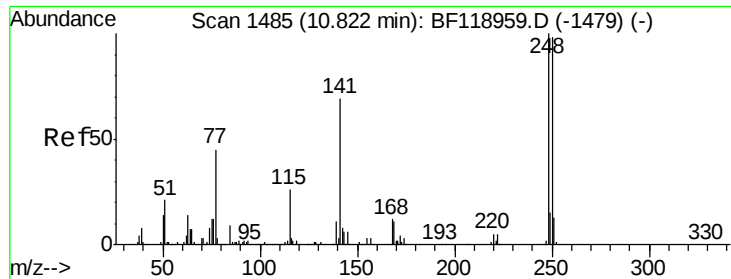
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#66
n-Nitrosodiphenylamine
Concen: 41.187 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	616573		
168	67.0	54.1	81.1	
167	36.3	29.4	44.0	





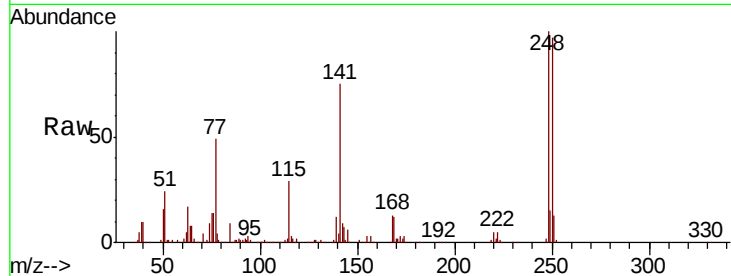
#67
4-Bromophenyl-phenylether
Concen: 38.110 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.7	115.1
141	74.8	60.7	91.1

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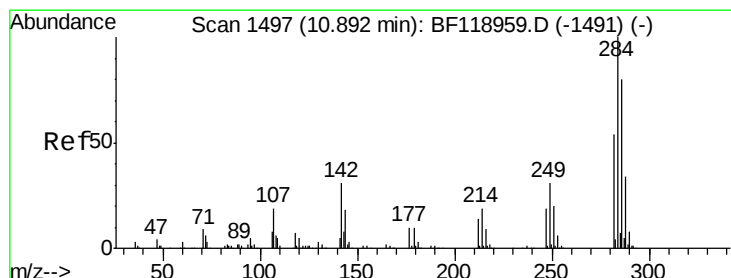
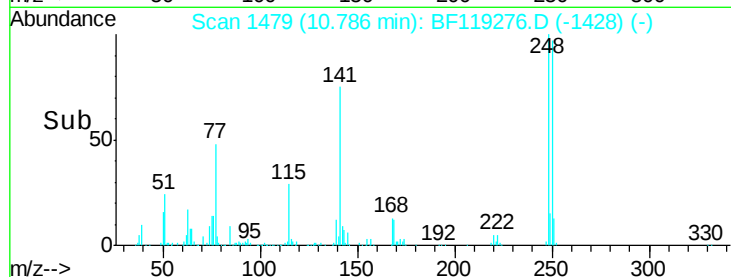
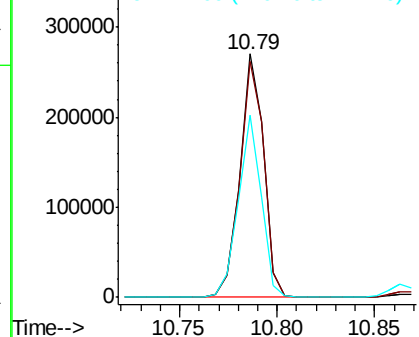


Abundance

Ion 248.00 (247.70 to 248.70): E

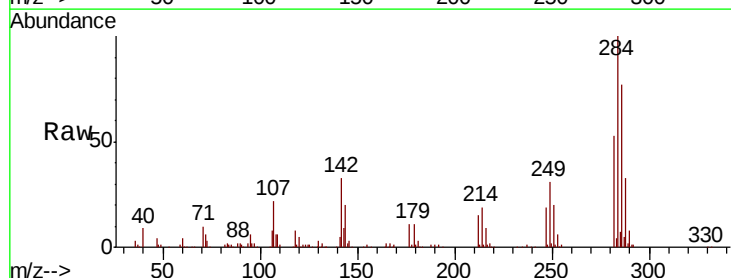
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.986 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	23.7	35.5
249	31.3	25.0	37.6

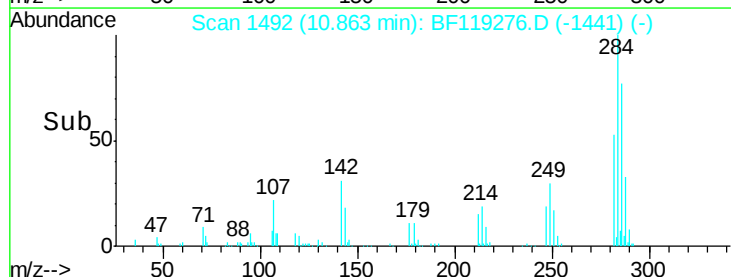
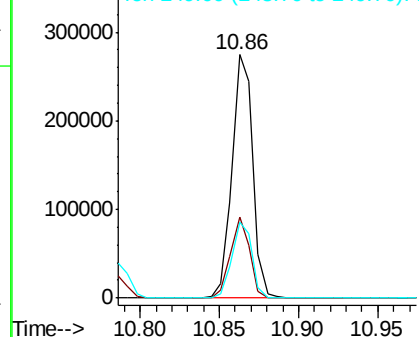


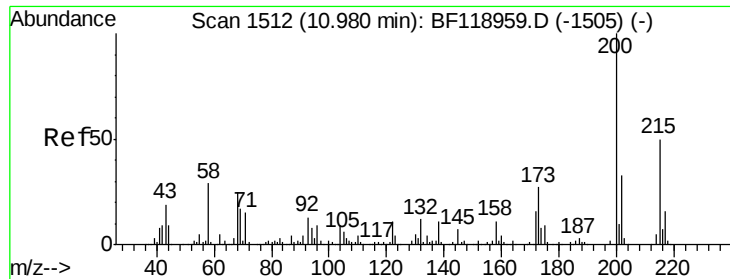
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





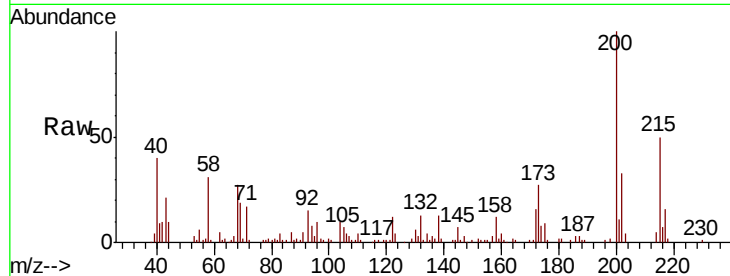
#69
Atrazine
Concen: 9.717 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampled :
PB127331BS

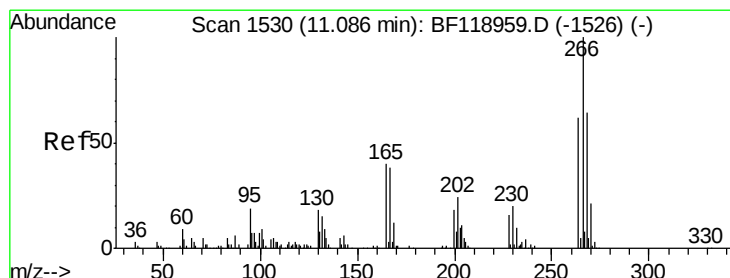
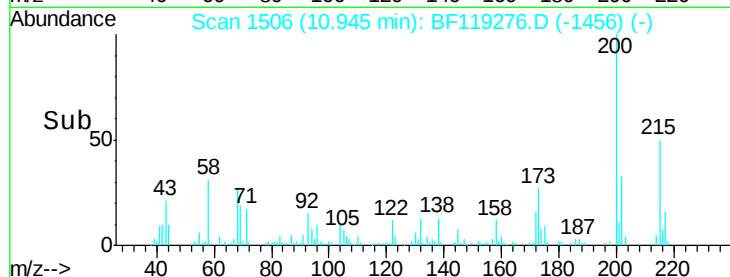
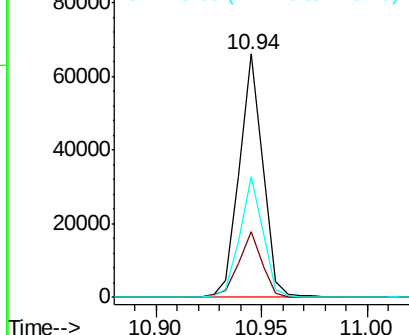
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.4	46.4
215	49.9	27.4	67.4

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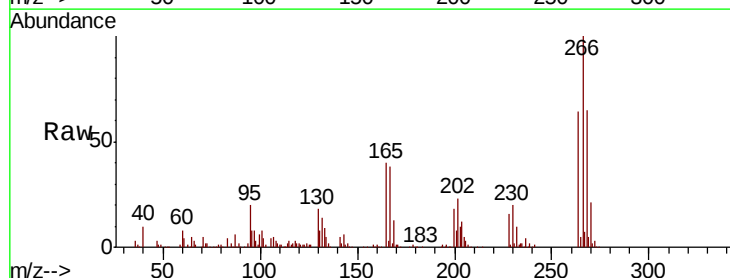


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

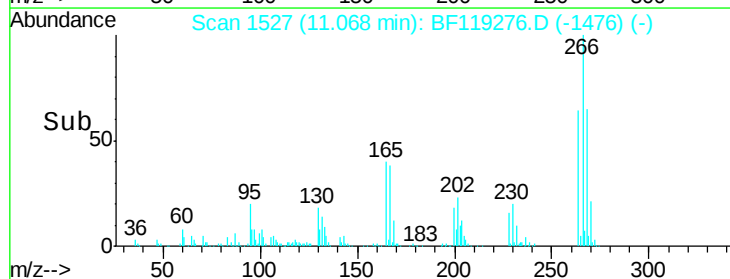
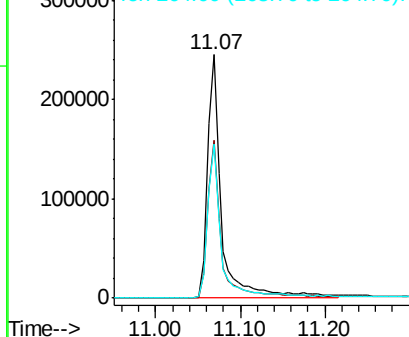


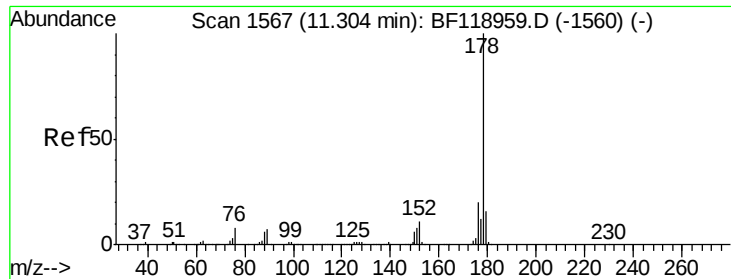
#70
Pentachlorophenol
Concen: 103.790 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.9	77.9
264	63.5	51.0	76.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





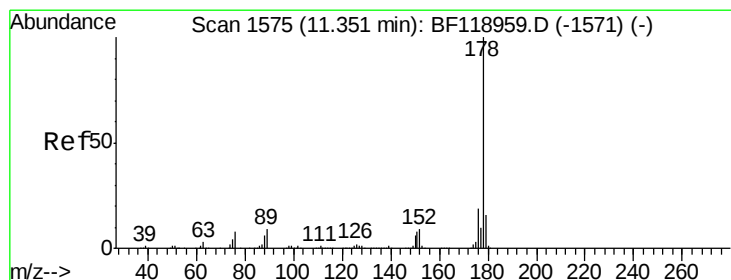
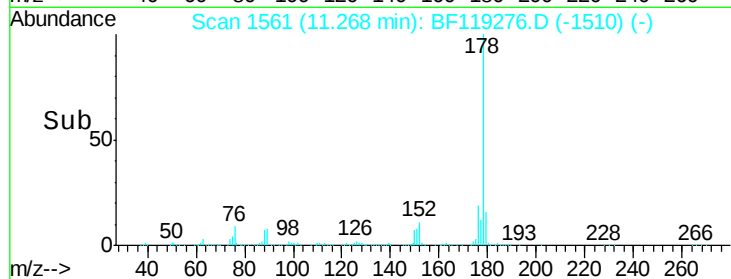
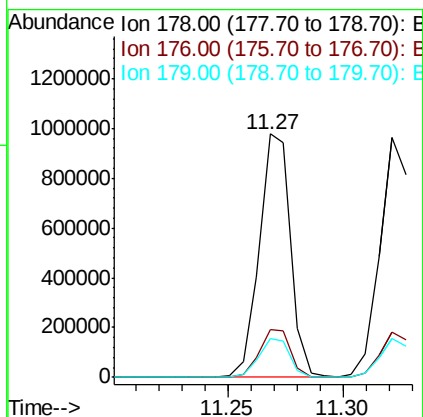
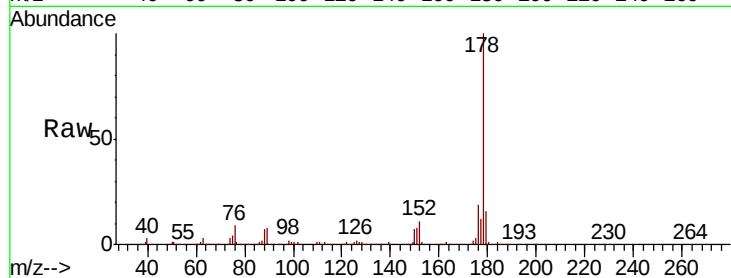
#71
Phenanthrene
Concen: 37.180 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.5	24.7
179	16.1	13.0	19.6

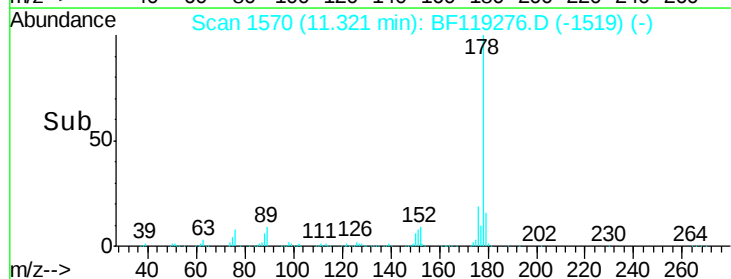
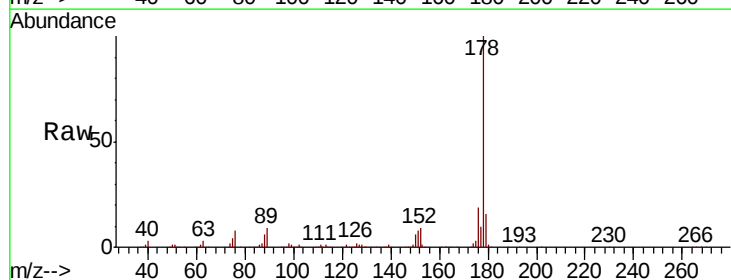
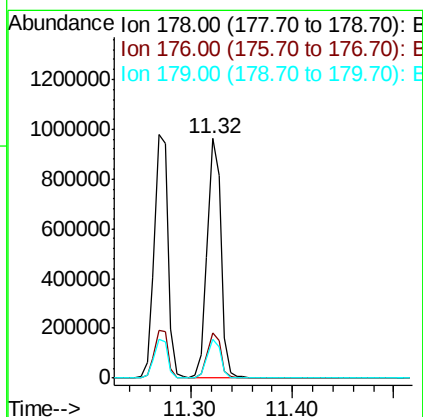
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#72
Anthracene
Concen: 36.486 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.0	24.0
179	16.0	13.1	19.7





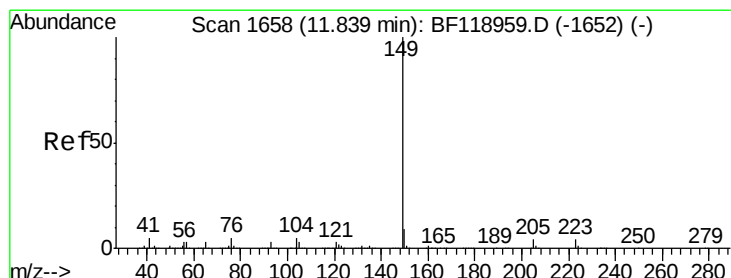
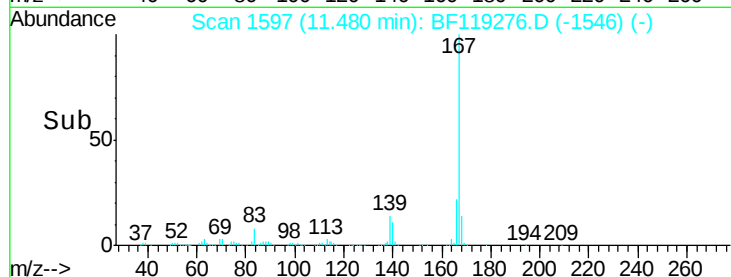
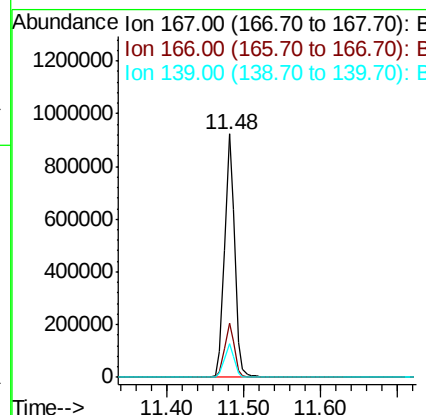
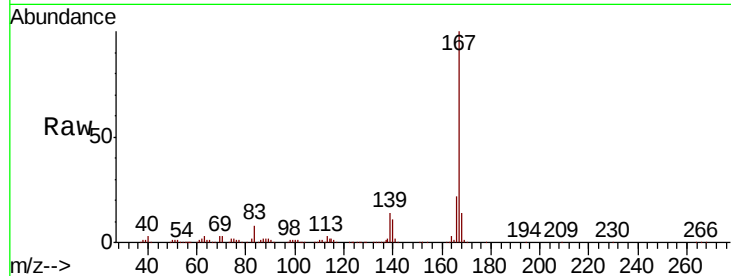
#73
 Carbazole
 Concen: 37.498 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tot Ion:	167	Resp:	832226
Ion Ratio	Lower	Upper	
167	100		
166	22.5	18.2	27.4
139	13.9	11.7	17.5

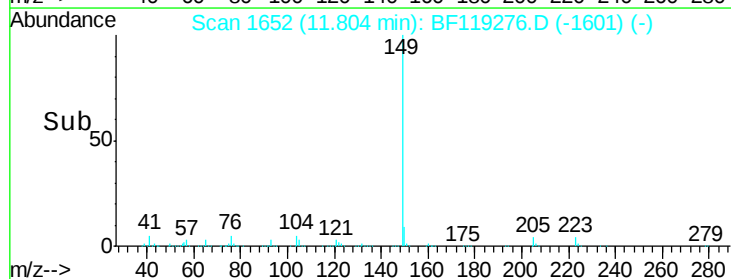
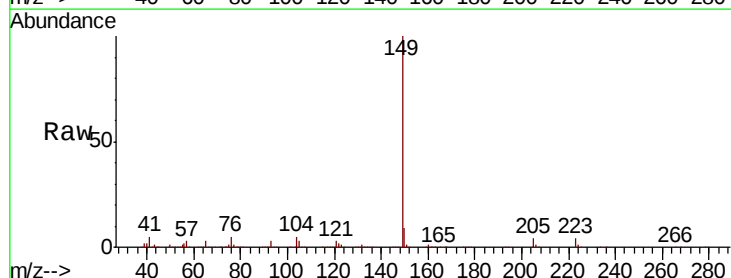
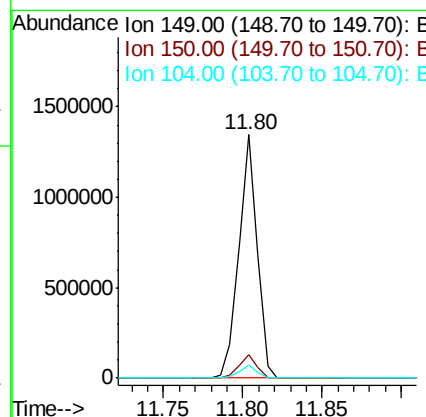
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#74
 Di-n-butylphthalate
 Concen: 40.329 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion:	149	Resp:	1083927
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.9	11.9
104	5.2	4.6	6.8





#75

Fluoranthene

Concen: 35.613 ng

RT: 12.46 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

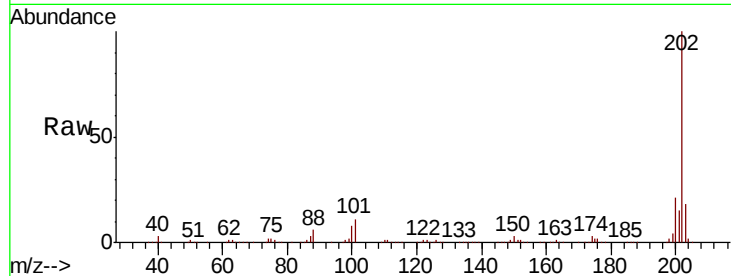
ClientSampled :

PB127331BS

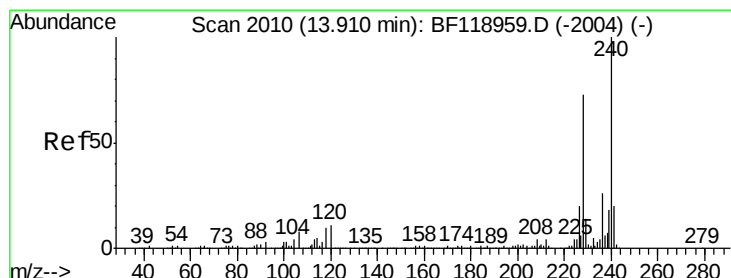
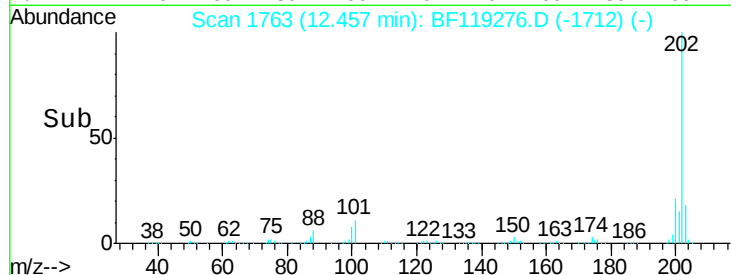
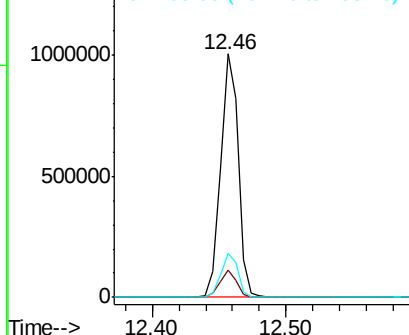
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	0.0	30.3
203	17.9	0.0	38.4

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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: 13.89 min Scan# 2006

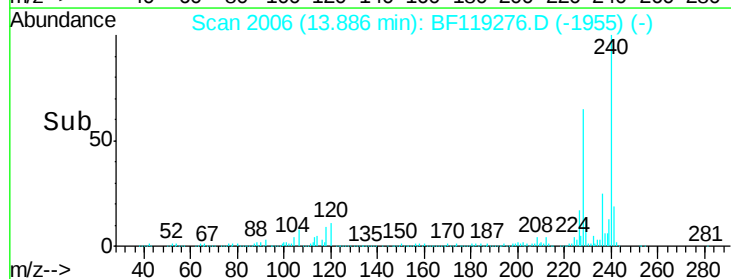
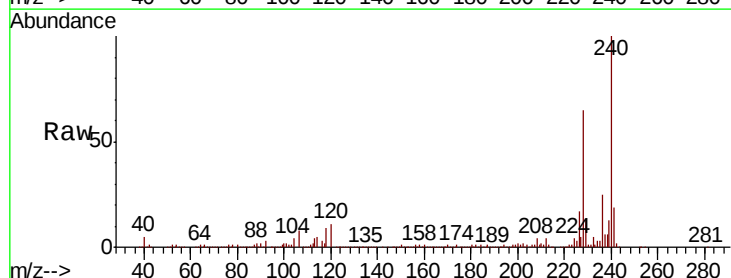
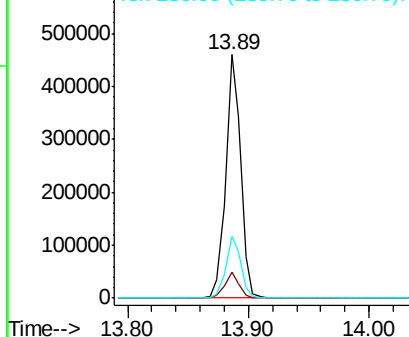
Delta R.T. -0.00 min

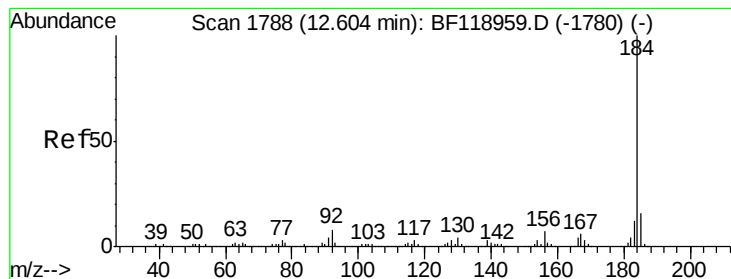
Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.6	8.4	12.6
236	25.4	21.0	31.4

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: 9.375 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

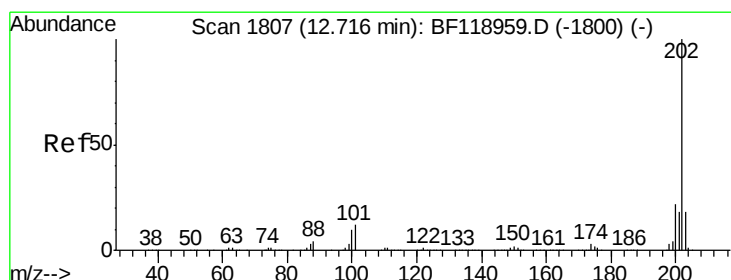
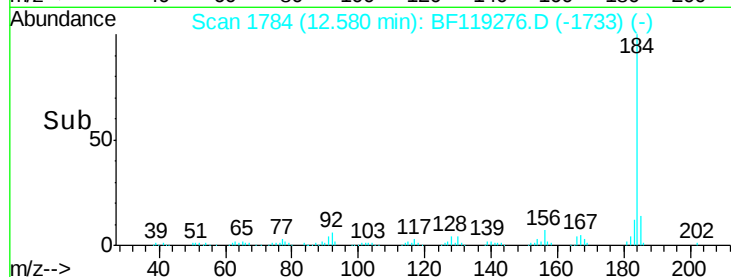
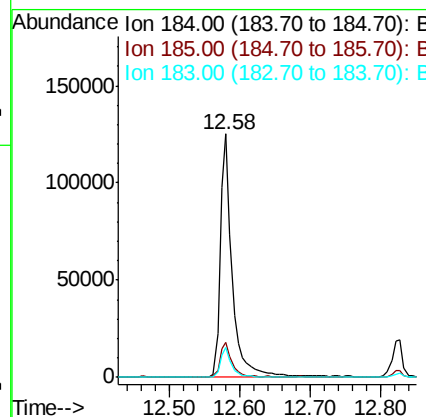
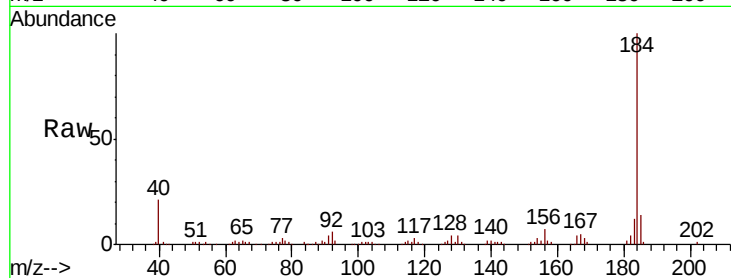
ClientSampleId :

PB127331BS

Tot Ion:	184	Resp:	149392
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.2	18.4
183	12.0	9.9	14.9

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#78

Pyrene

Concen: 29.936 ng

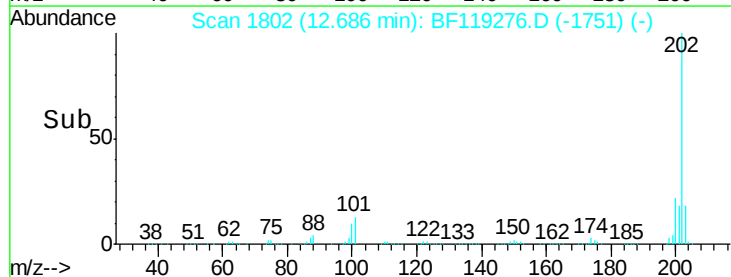
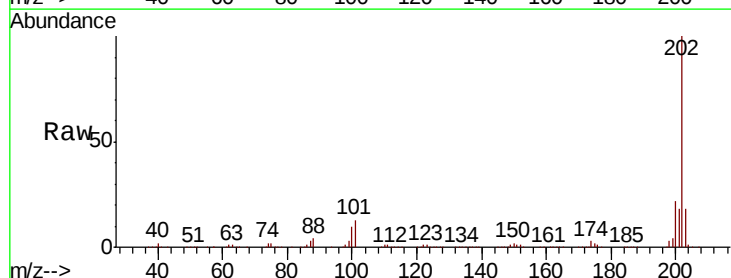
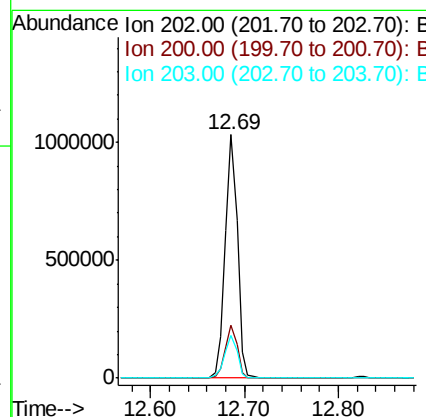
RT: 12.69 min Scan# 1802

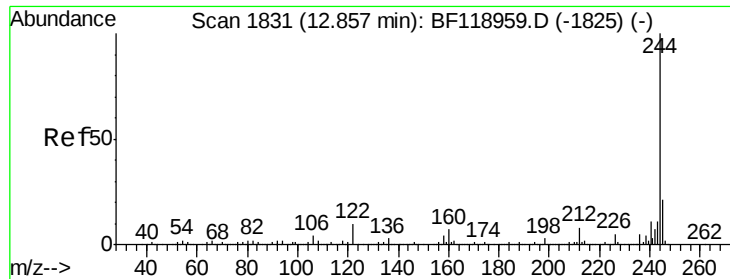
Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Tgt Ion:	202	Resp:	941852
Ion Ratio	Lower	Upper	
202	100		
200	21.7	18.0	27.0
203	17.8	14.6	22.0





#79

Terphenyl-d14

Concen: 62.005 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

PB127331BS

Tot Ion:244 Resp: 1411106

Ion Ratio Lower Upper

244 100

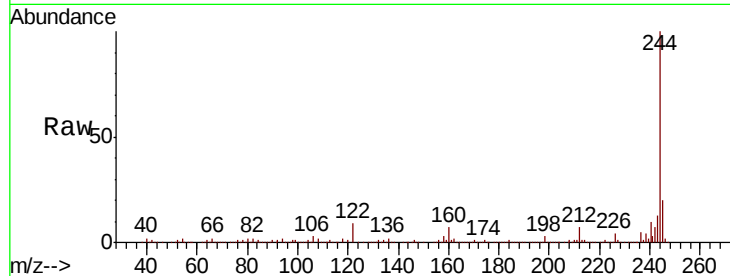
212 7.3 6.6 10.0

122 9.1 8.2 12.2

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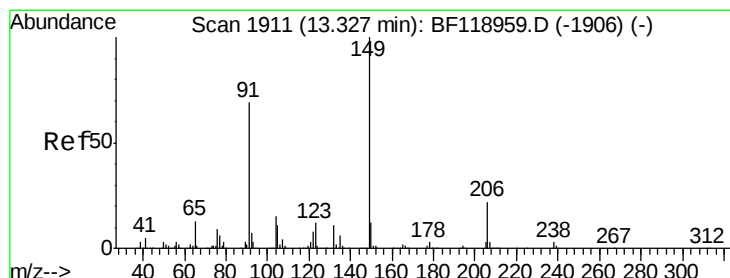
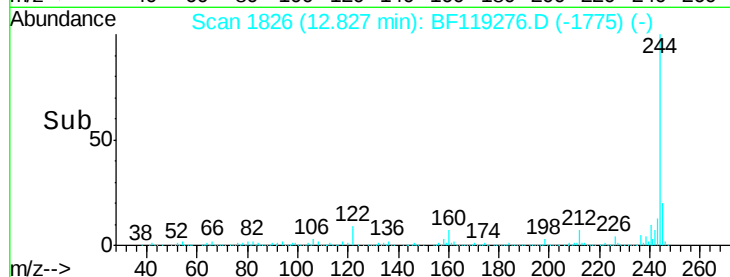
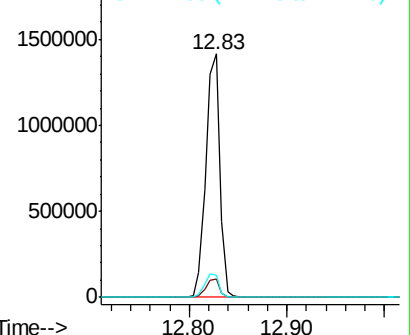
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 31.585 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

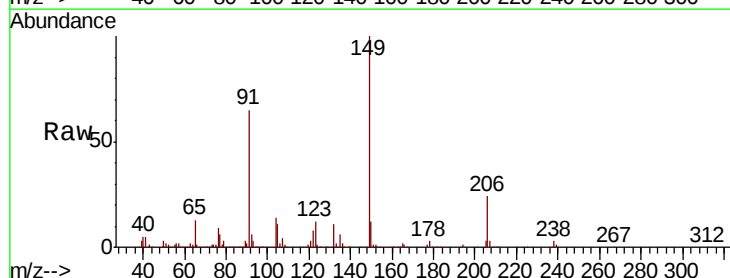
Tgt Ion:149 Resp: 418236

Ion Ratio Lower Upper

149 100

91 65.4 52.3 78.5

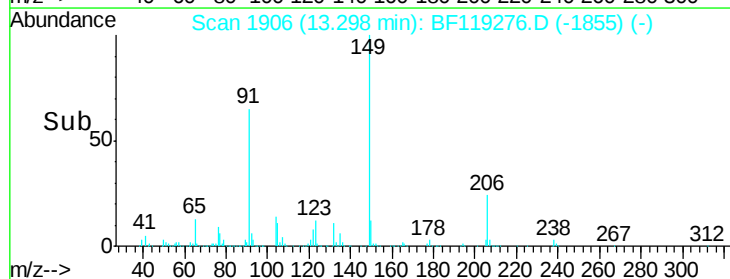
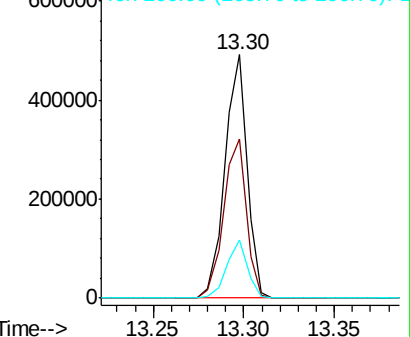
206 23.7 18.5 27.7



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: 34.242 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

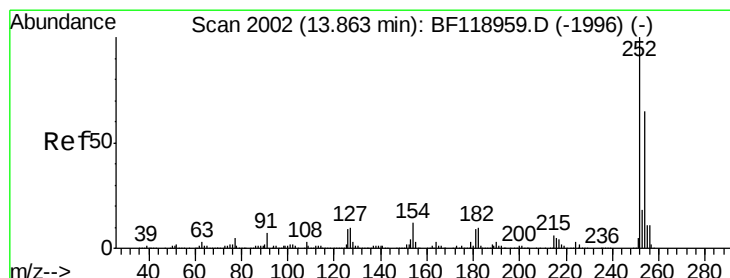
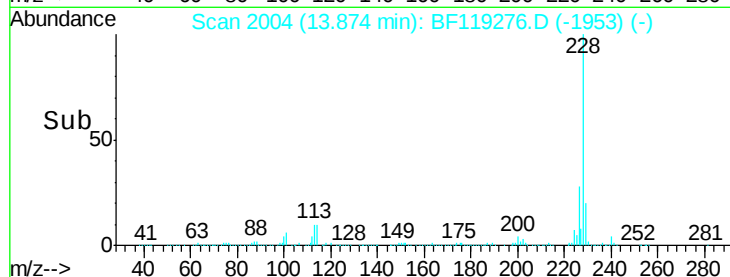
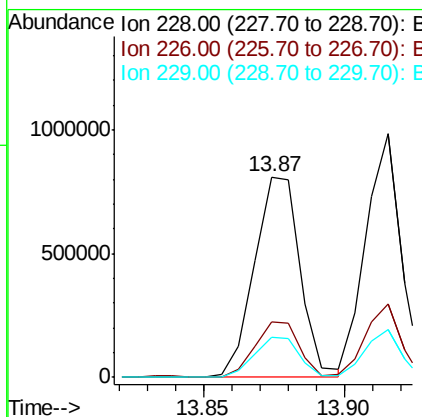
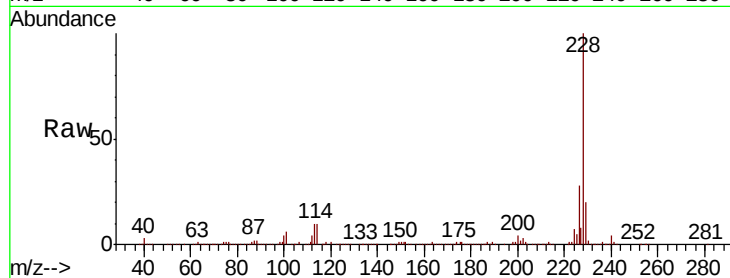
ClientSampleId :

PB127331BS

Tot Ion:	228	Resp:	914180
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	33.8
229	20.1	16.6	24.8

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#82

3,3'-Dichlorobenzidine

Concen: 32.910 ng

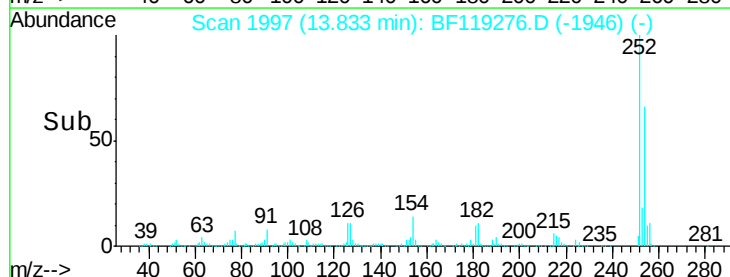
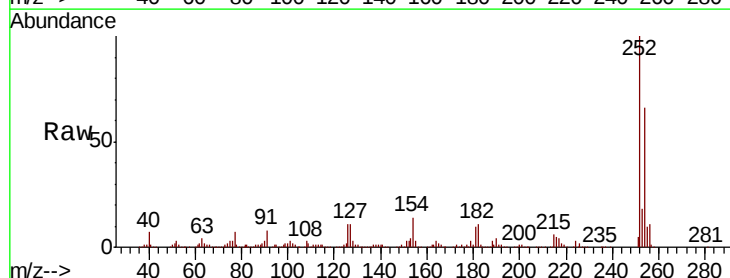
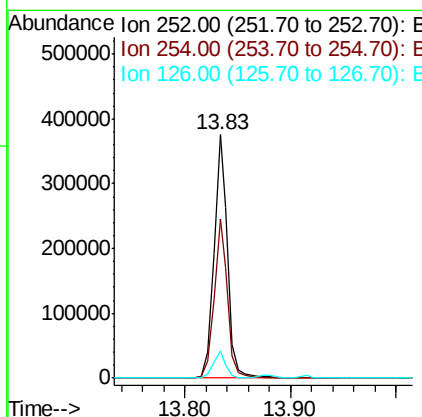
RT: 13.83 min Scan# 1997

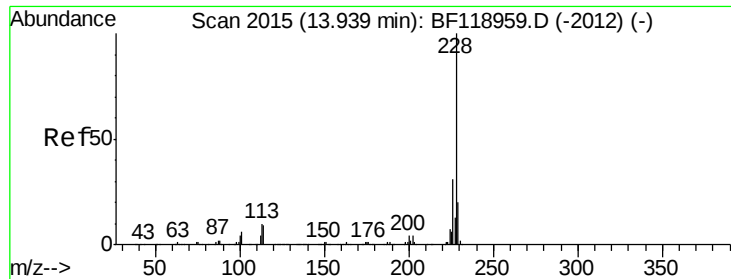
Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Tgt Ion:	252	Resp:	341170
Ion Ratio	Lower	Upper	
252	100		
254	65.6	51.6	77.4
126	11.1	7.4	11.0#





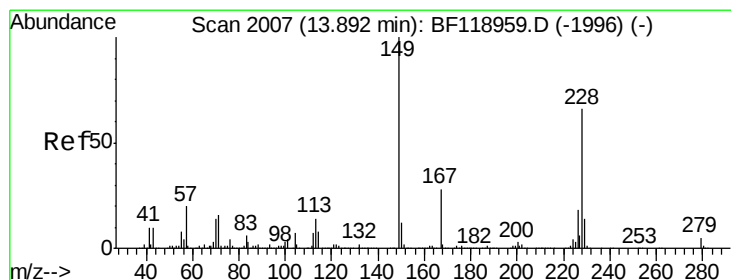
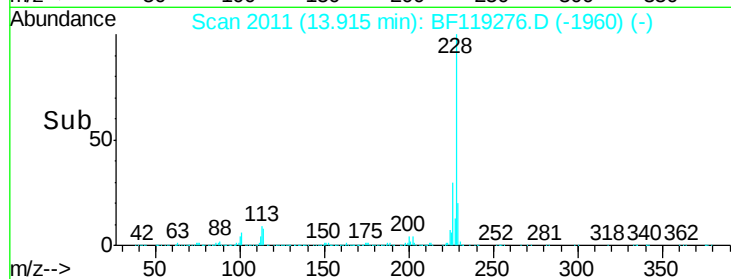
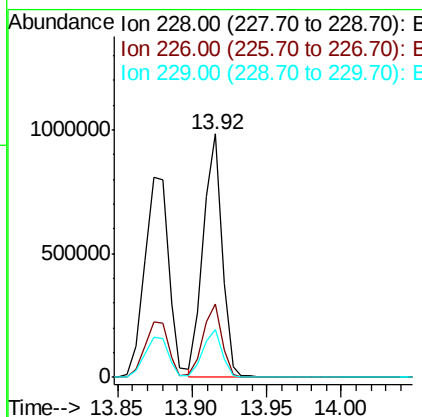
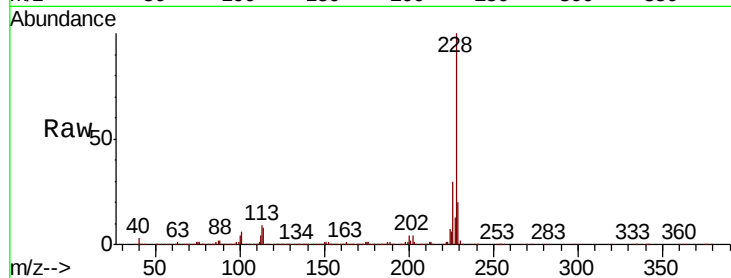
#83
 Chrvsene
 Concen: 32.072 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.1	37.7
229	19.6	16.3	24.5

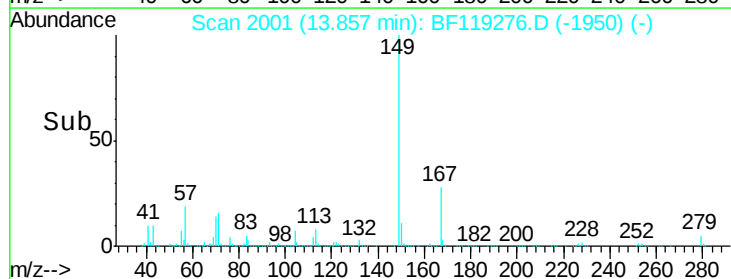
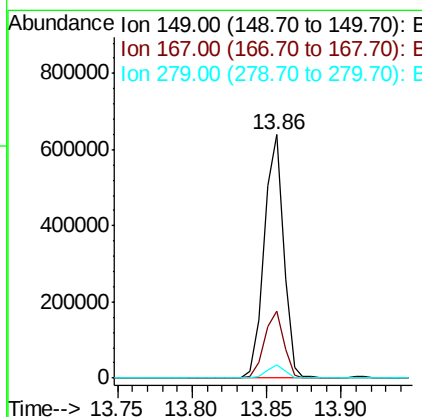
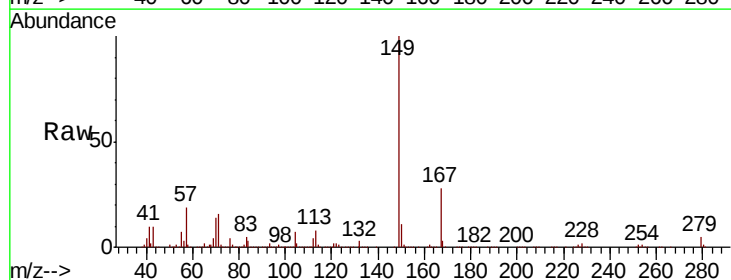
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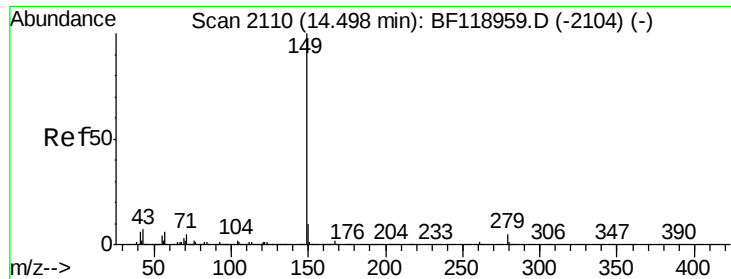
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.187 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

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





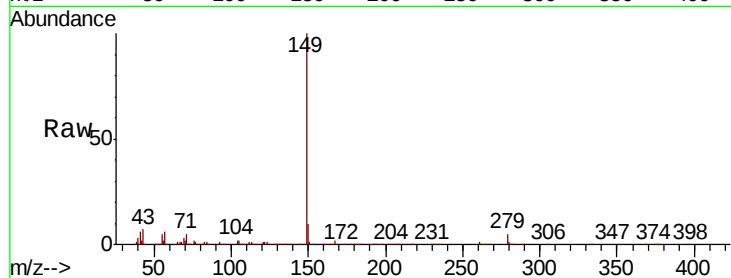
#85
Di-n-octyl phthalate
Concen: 35.912 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

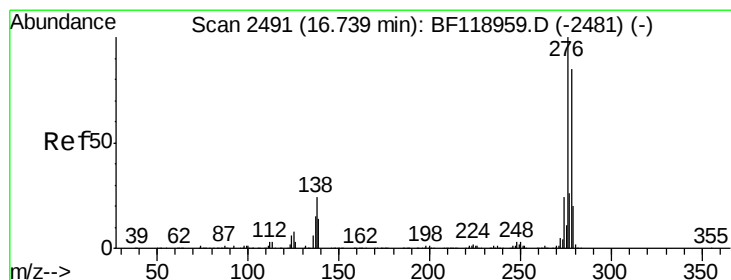
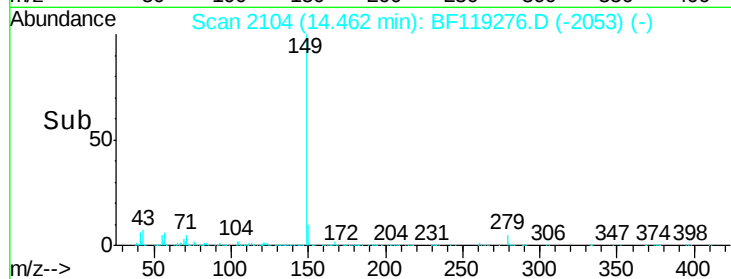
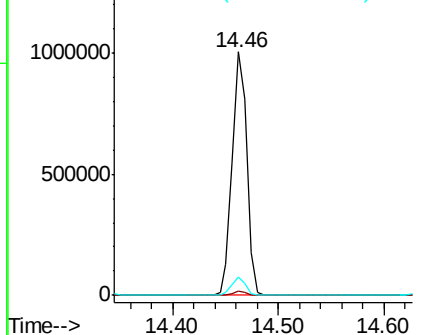
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.8	1.3	1.9
43	6.8	5.7	8.5

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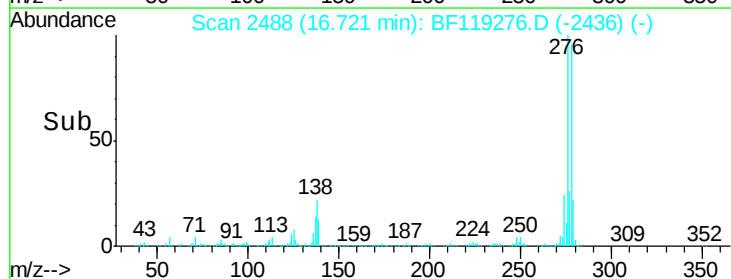
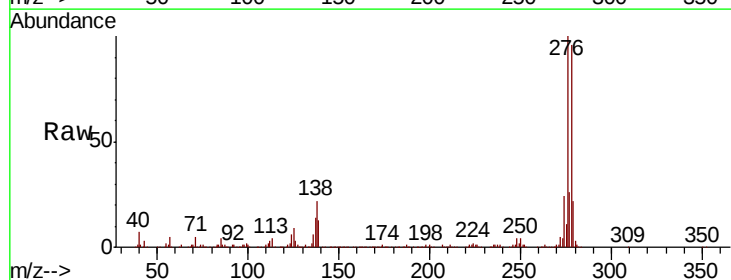
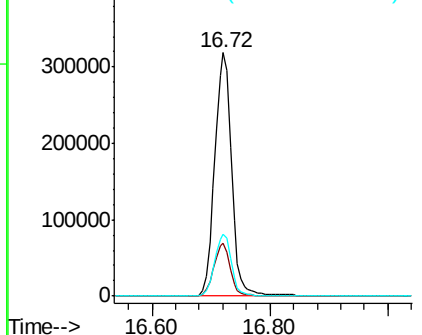
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

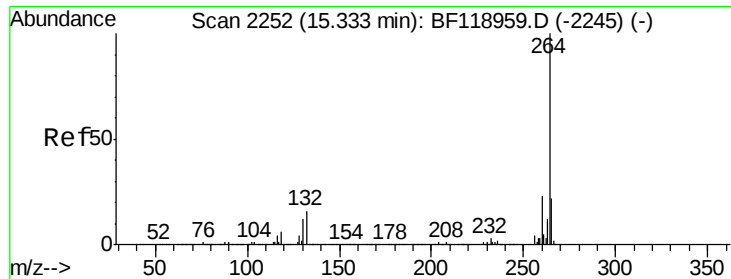


#86
Indeno(1,2,3-cd)pyrene
Concen: 24.660 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	21.1	17.4	26.0
277	25.4	20.3	30.5

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





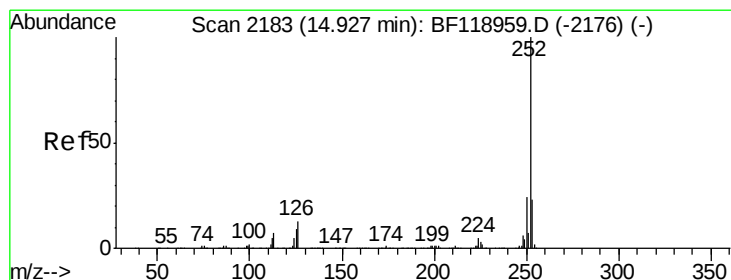
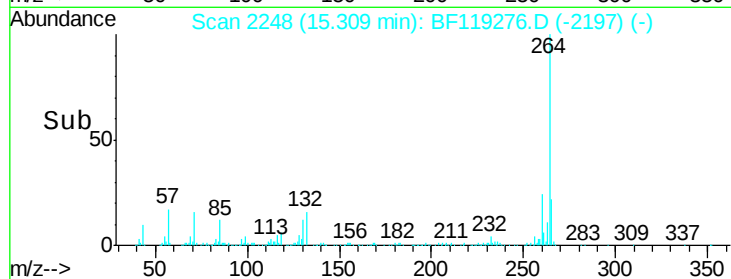
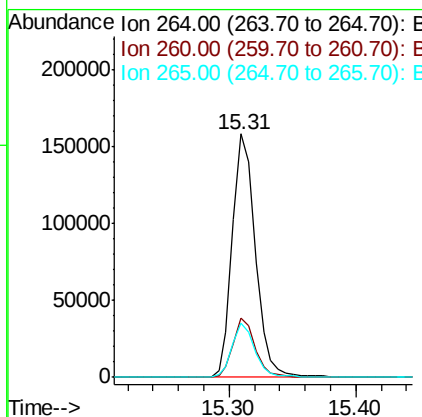
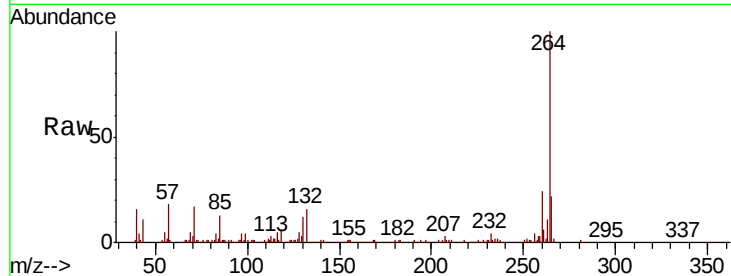
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.1	17.7	26.5

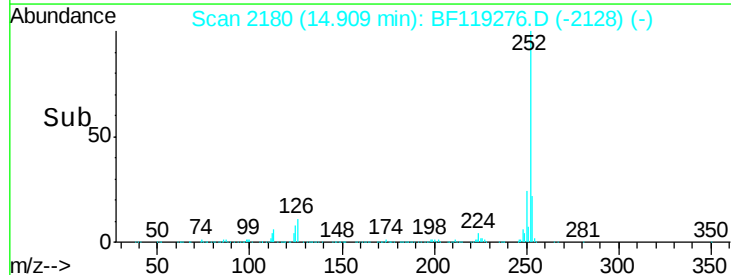
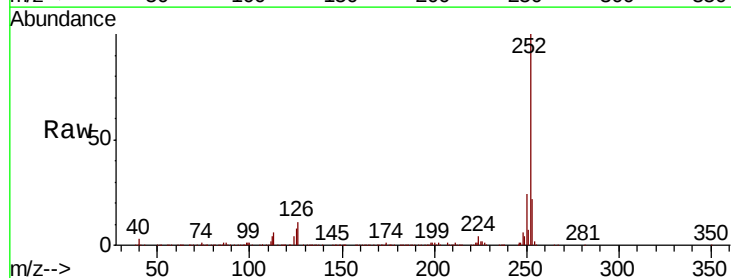
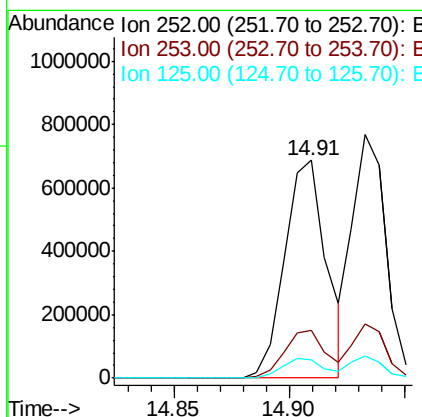
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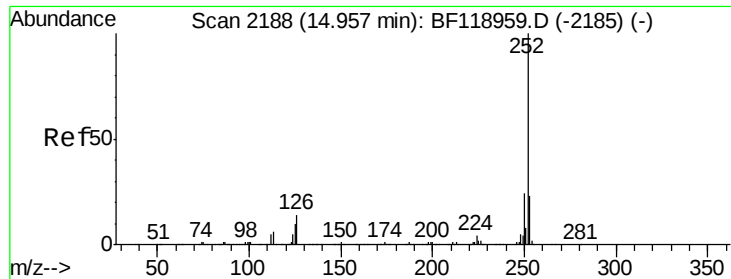
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#88
 Benzo(b)fluoranthene
 Concen: 65.236 ng
 RT: 14.91 min Scan# 2180
 Delta R.T. 0.01 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	8.4	7.4	11.0





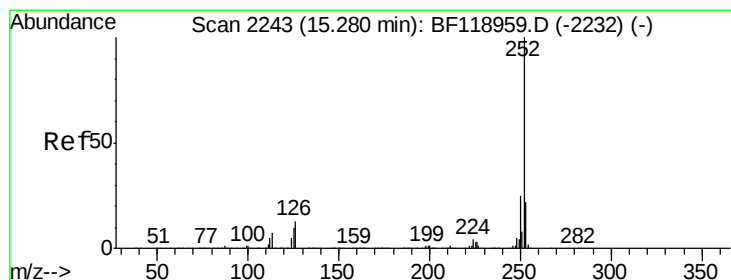
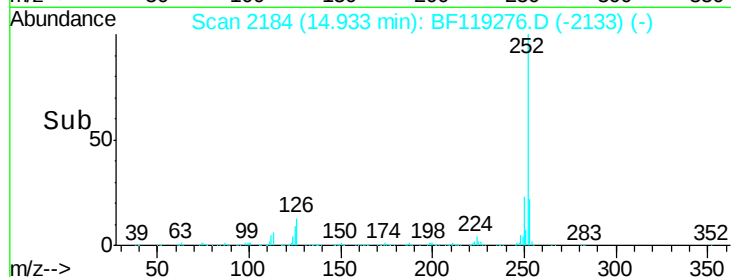
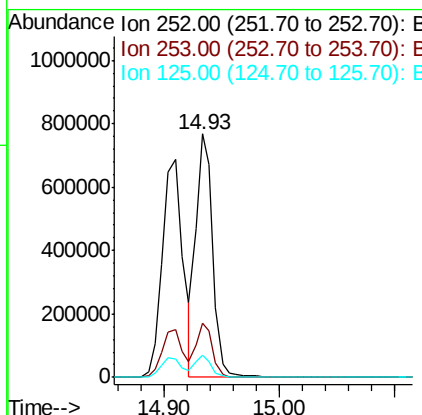
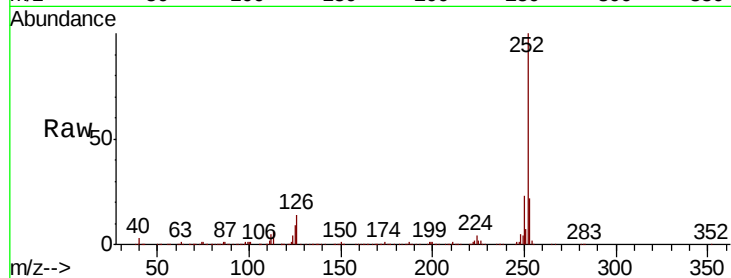
#89
Benzo(k)fluoranthene
Concen: 63.881 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	9.2	7.5	11.3

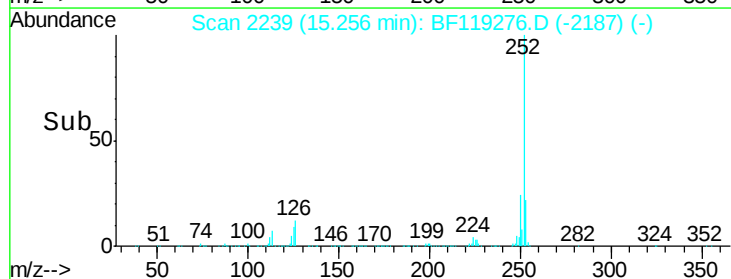
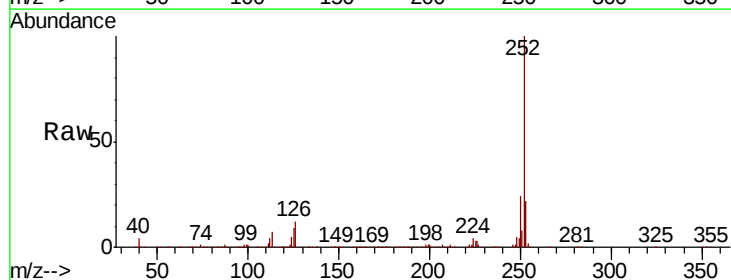
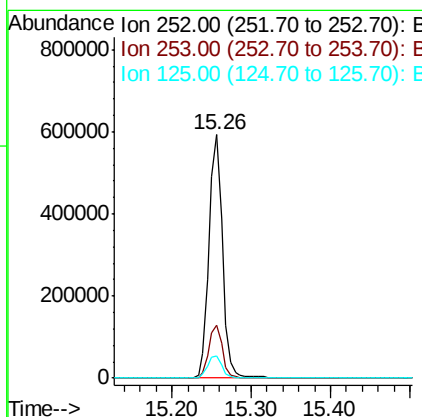
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#90
Benzo(a)pyrene
Concen: 59.144 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	9.2	8.6	12.8





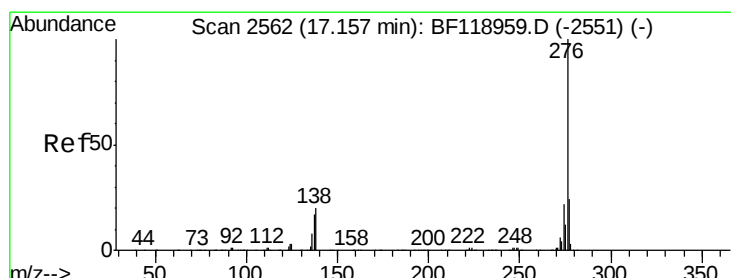
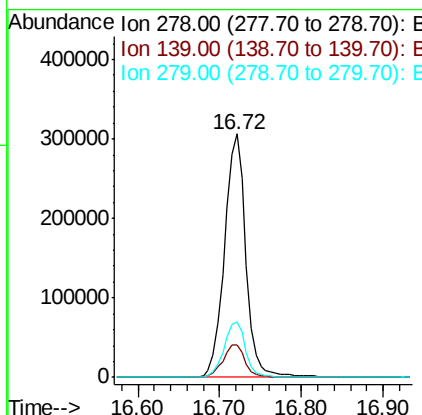
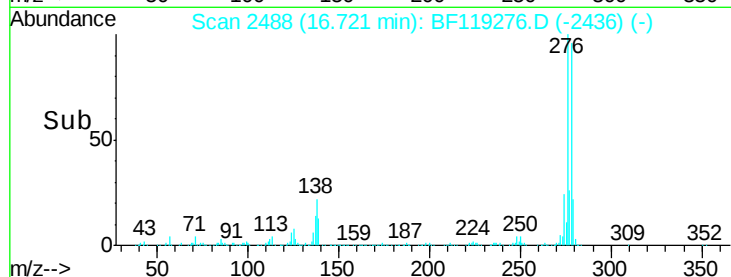
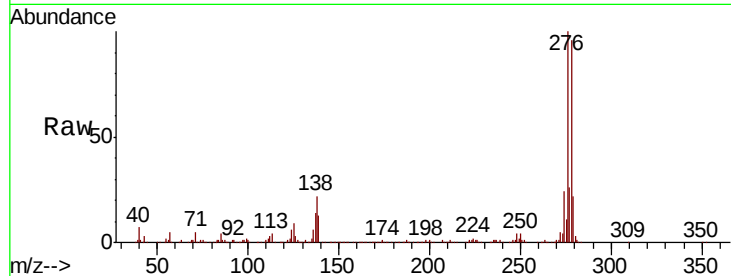
#91
Dibenzo(a,h)anthracene
Concen: 53.194 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.0	16.4
279	22.9	18.6	28.0

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#92
Benzo(g,h,i)perylene
Concen: 48.988 ng
RT: 17.14 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.7	28.1
138	18.5	14.3	21.5

