

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
 Data File : BF127573.D
 Acq On : 29 Mar 2022 18:53
 Operator : CG\JU
 Sample : N2149-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PILE-LINDEN-SWICH

Quant Time: Mar 30 08:32:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

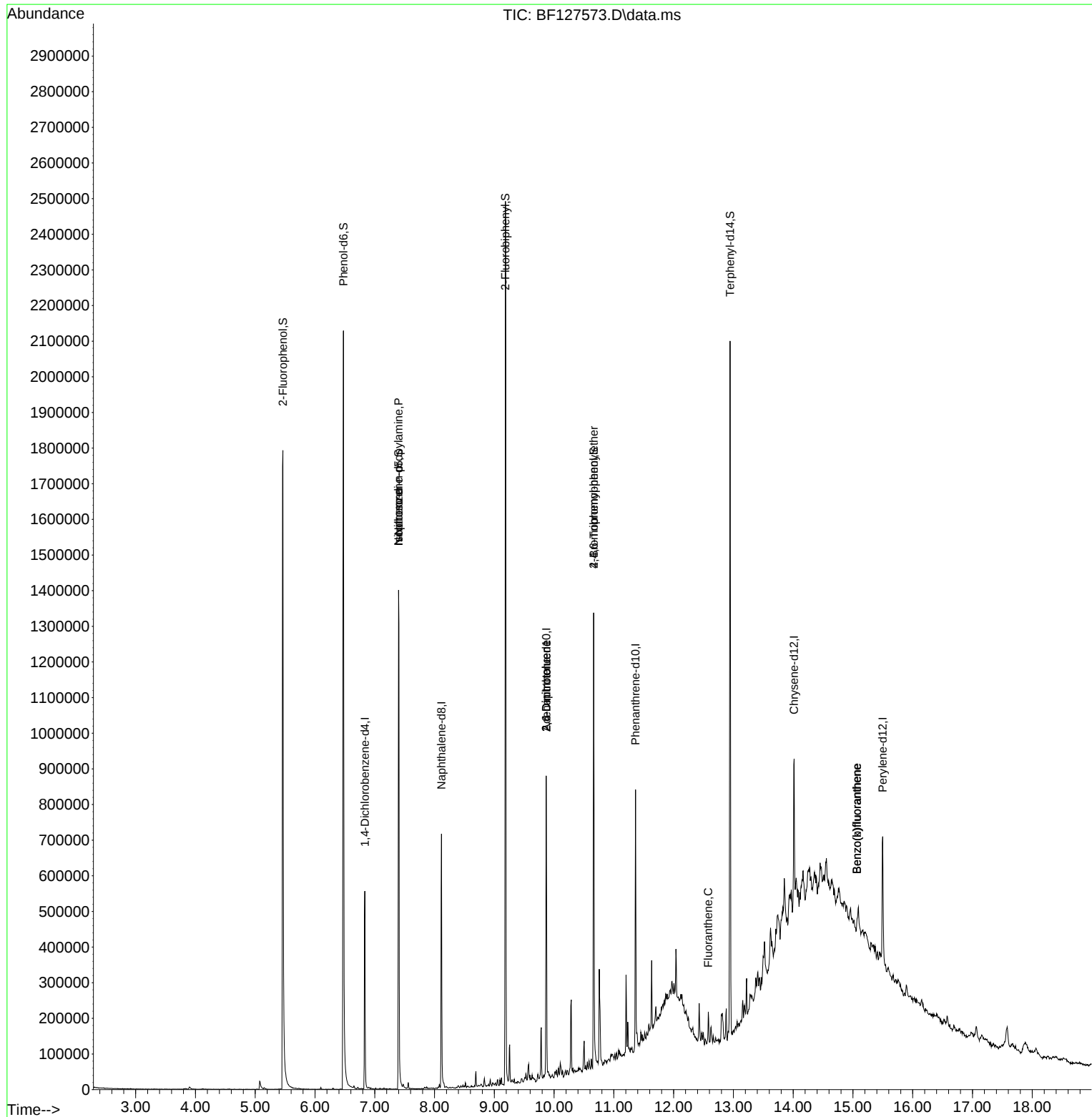
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	81054	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	284253	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	154439	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	237644	20.000	ng	0.00
76) Chrysene-d12	14.015	240	168856	20.000	ng	0.00
86) Perylene-d12	15.498	264	184724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	520964	102.595	ng	0.00
7) Phenol-d6	6.475	99	682342	98.305	ng	0.00
23) Nitrobenzene-d5	7.398	82	465548	70.009	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	141236	85.849	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	774833	73.261	ng	0.00
79) Terphenyl-d14	12.945	244	629706	61.049	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	1191	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.398	70	63401	15.238	ng	# 80
25) Isophorone	7.398	82	465546	43.955	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	20904	9.269	ng	# 18
55) Dibenzofuran	10.080	168	2241	Below Cal	#	86
57) 2,4-Dinitrotoluene	9.869	165	20904	7.201	ng	# 14
58) Fluorene	10.422	166	1657	Below Cal	#	73
67) 4-Bromophenyl-phenylether	10.663	248	9640	3.474	ng	# 1
75) Fluoranthene	12.580	202	31403	2.304	ng	93
88) Benzo(b)fluoranthene	15.068	252	24461	2.100	ng	# 68
89) Benzo(k)fluoranthene	15.068	252	24461	2.026	ng	# 67

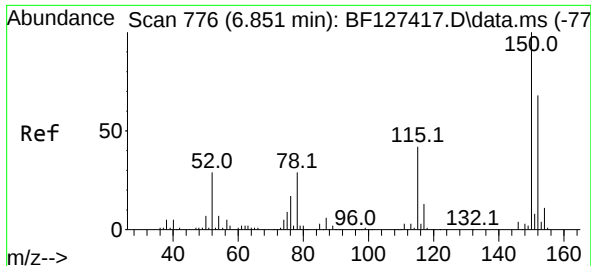
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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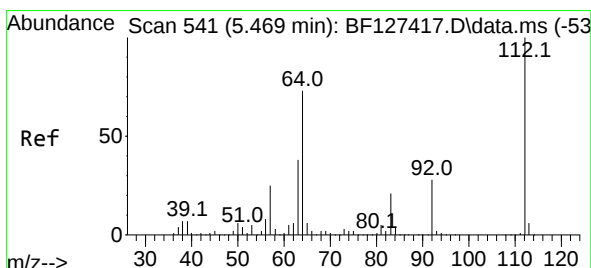
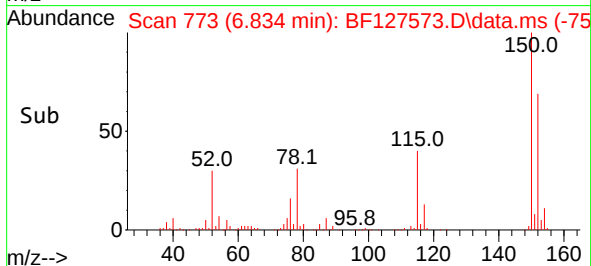
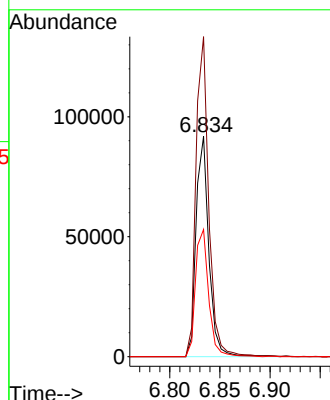
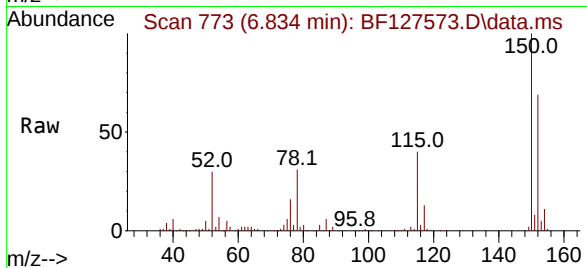




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

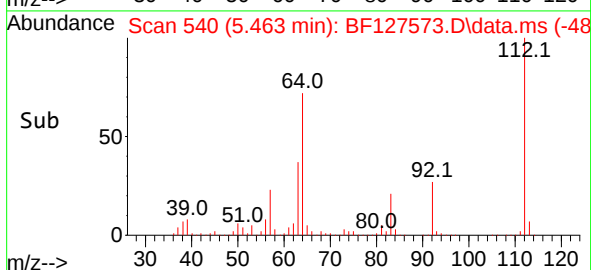
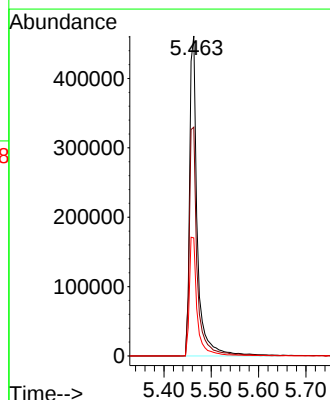
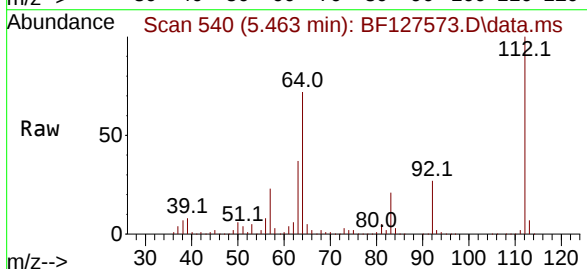
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ClientSampleId :
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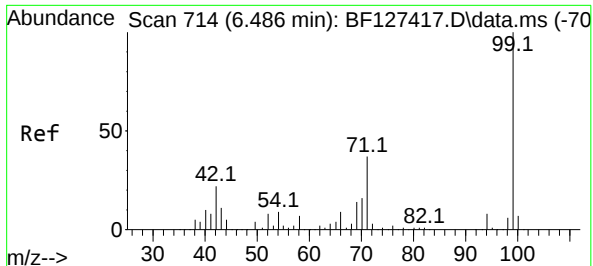
Tgt Ion:152 Resp: 81054
Ion Ratio Lower Upper
152 100
150 145.3 117.2 175.8
115 57.8 49.8 74.6



#5
2-Fluorophenol
Concen: 102.595 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

Tgt Ion:112 Resp: 520964
Ion Ratio Lower Upper
112 100
64 71.5 58.4 87.6
63 36.9 30.1 45.1

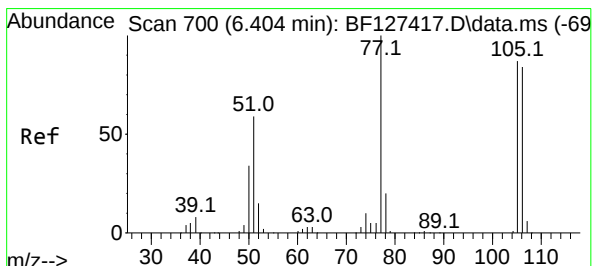
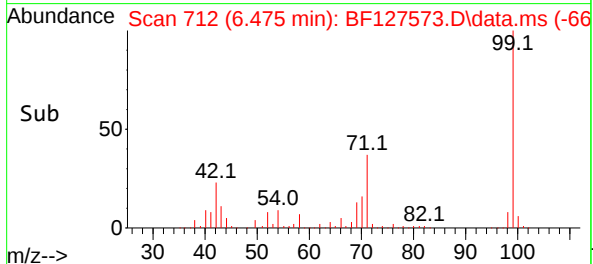
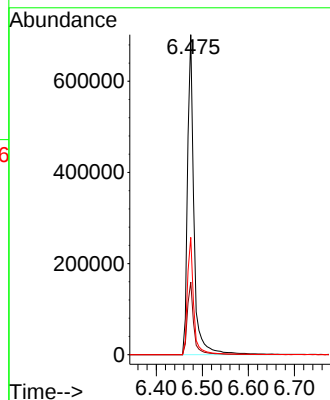
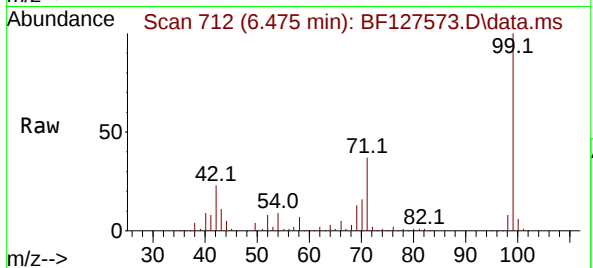




#7
Phenol-d6
Concen: 98.305 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

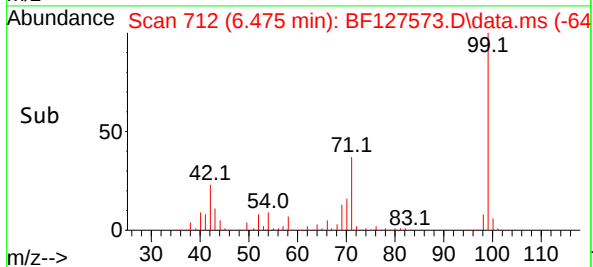
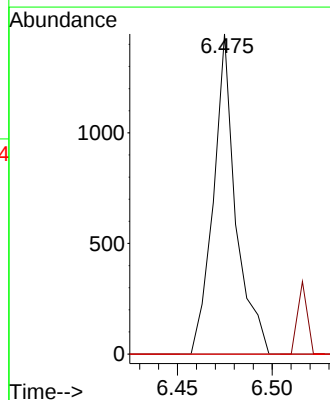
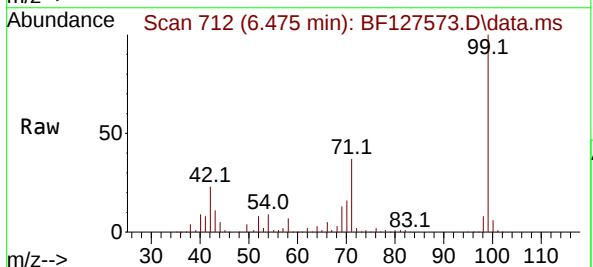
Instrument :
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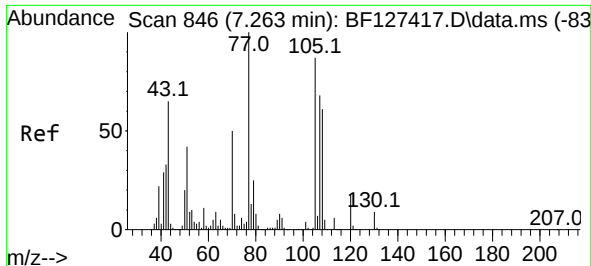
Tgt Ion: 99 Resp: 682342
Ion Ratio Lower Upper
99 100
42 22.7 17.8 26.6
71 36.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.082 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

Tgt Ion: 77 Resp: 1191
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 15.238 ng

RT: 7.398 min Scan# 846

Delta R.T. 0.147 min

Lab File: BF127573.D

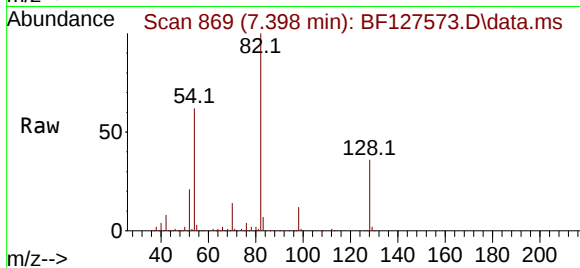
Acq: 29 Mar 2022 18:53

Instrument :

BNA_F

ClientSampleId :

PILE-LINDEN-SWITCH



Tgt Ion: 70 Resp: 63401

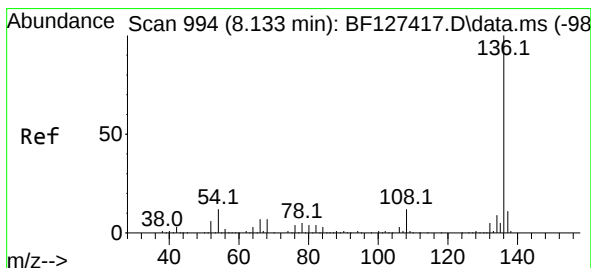
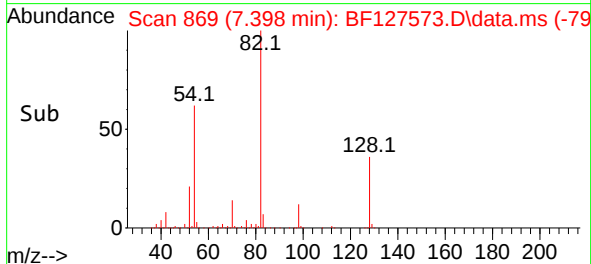
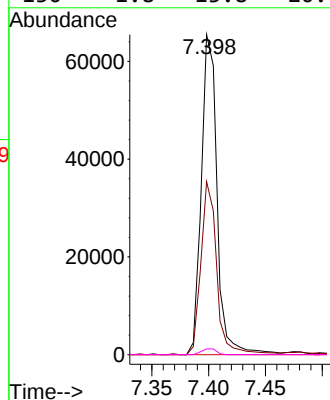
Ion Ratio Lower Upper

70 100

42 54.1 53.0 79.6

101 0.0 6.8 10.2#

130 1.8 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127573.D

Acq: 29 Mar 2022 18:53

Tgt Ion: 136 Resp: 284253

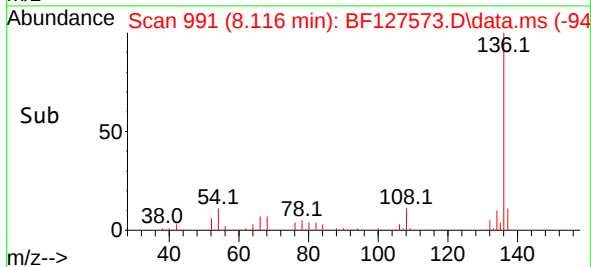
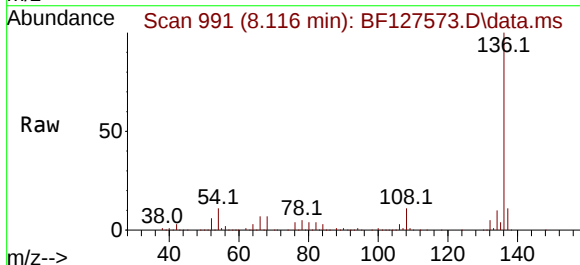
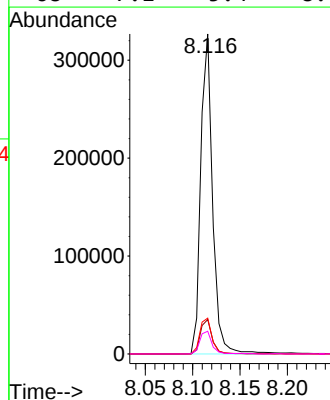
Ion Ratio Lower Upper

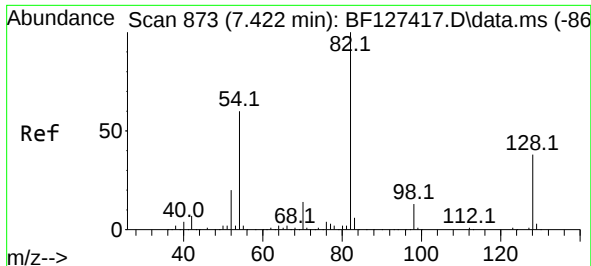
136 100

137 10.7 8.6 13.0

54 11.2 9.2 13.8

68 7.1 5.4 8.0

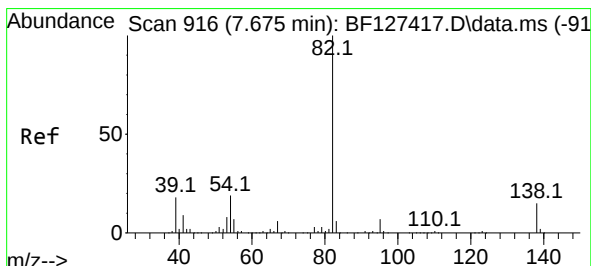
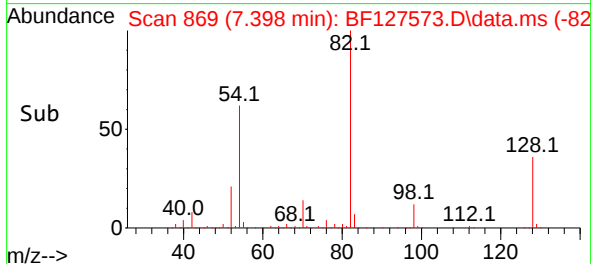
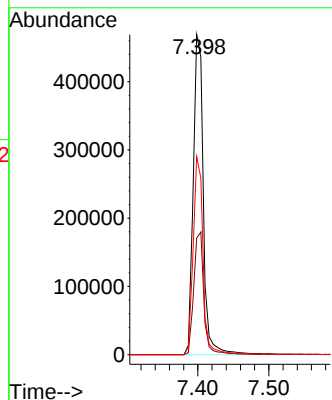
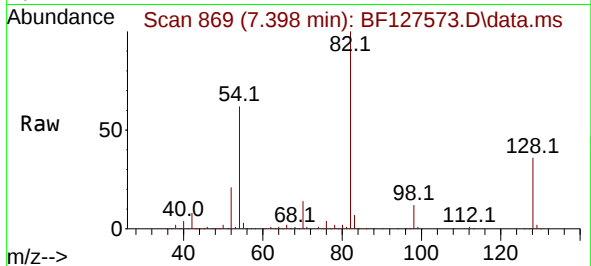




#23
Nitrobenzene-d5
Concen: 70.009 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

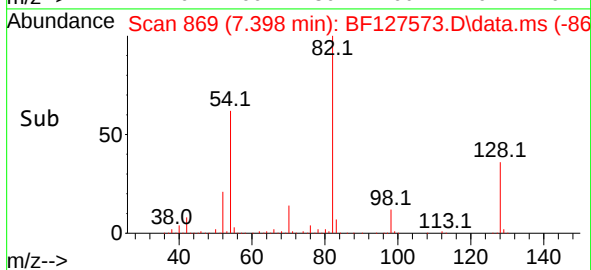
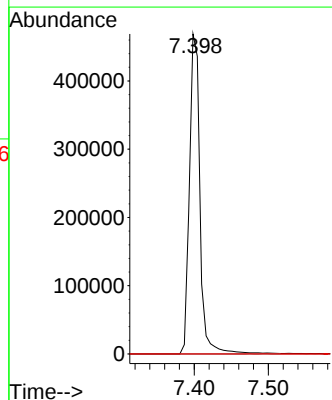
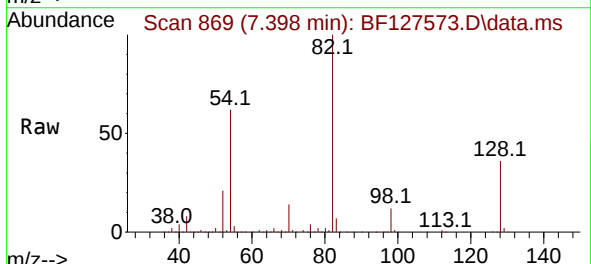
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ClientSampleId :
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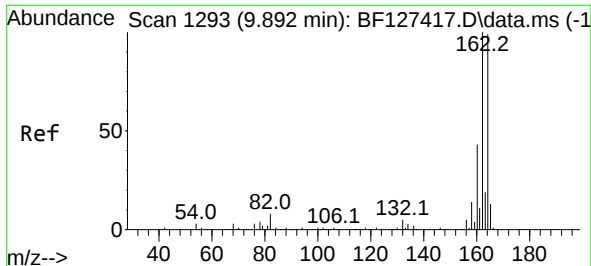
Tgt Ion: 82 Resp: 465548
Ion Ratio Lower Upper
82 100
128 36.4 30.6 45.8
54 61.9 48.2 72.2



#25
Isophorone
Concen: 43.955 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.265 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

Tgt Ion: 82 Resp: 465546
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

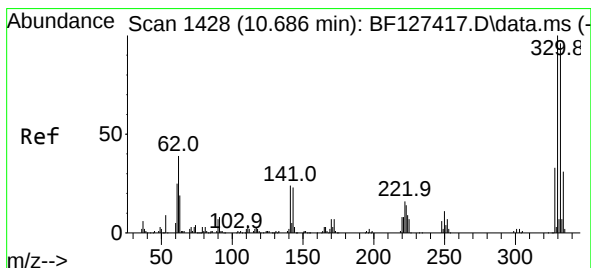
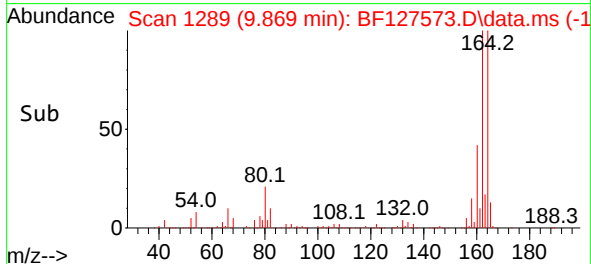
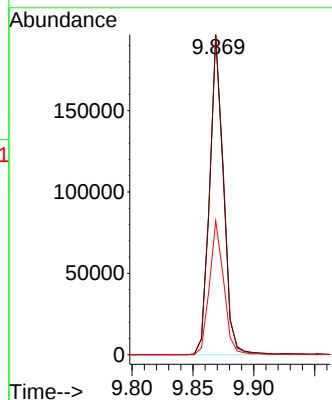
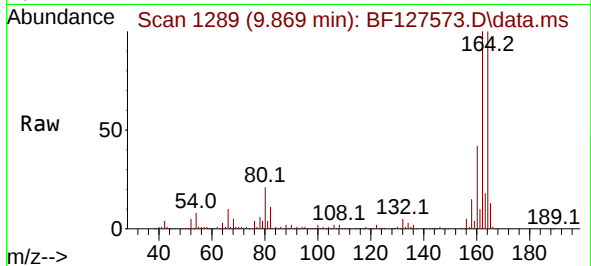




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

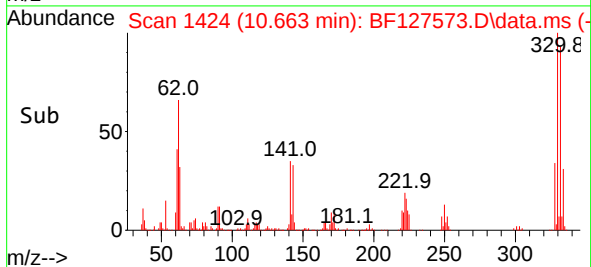
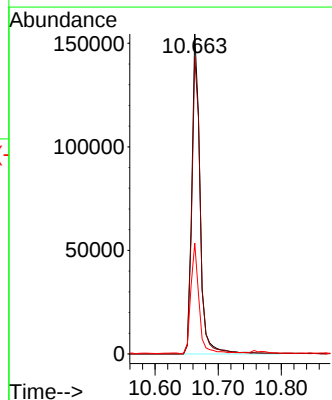
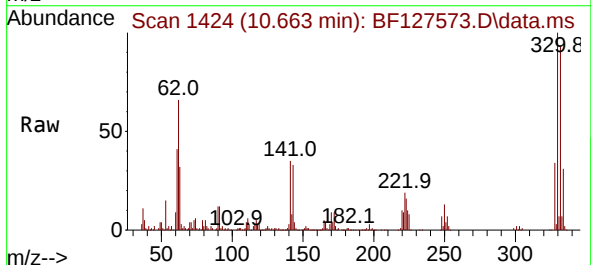
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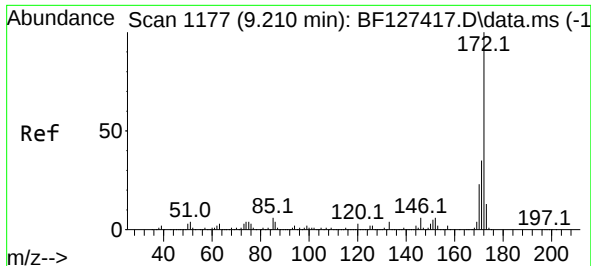
Tgt Ion:164 Resp: 154439
Ion Ratio Lower Upper
164 100
162 99.7 81.2 121.8
160 41.8 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 85.849 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

Tgt Ion:330 Resp: 141236
Ion Ratio Lower Upper
330 100
332 95.5 79.1 118.7
141 34.2 26.2 39.4

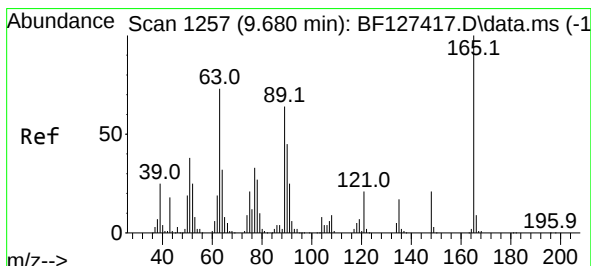
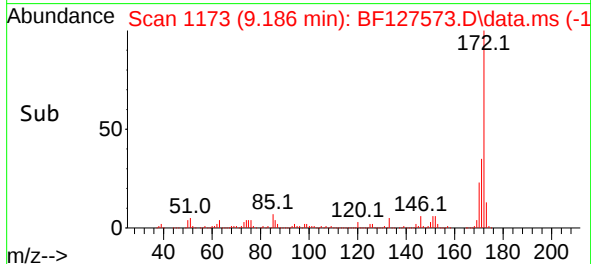
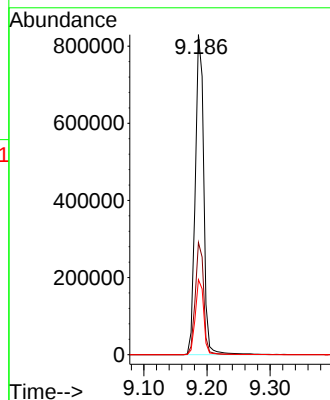
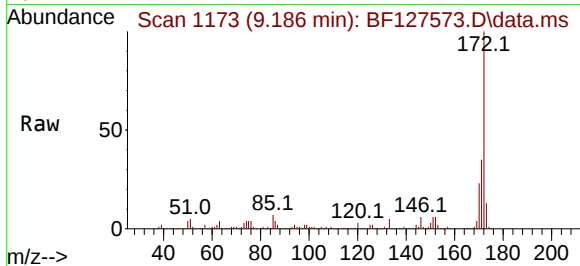




#45
2-Fluorobiphenyl
Concen: 73.261 ng
RT: 9.186 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

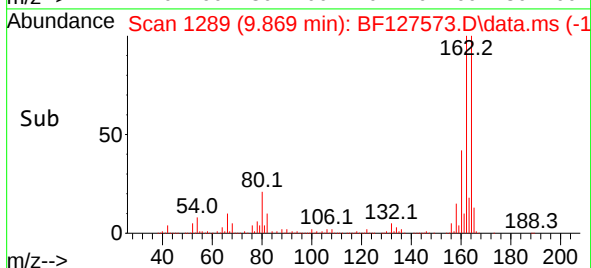
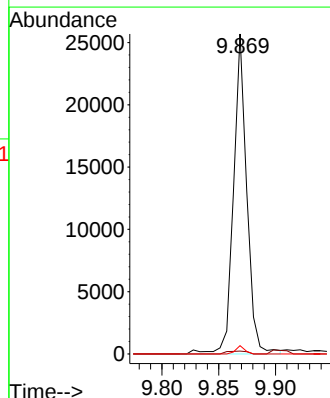
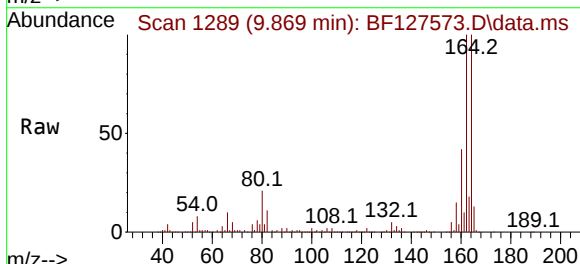
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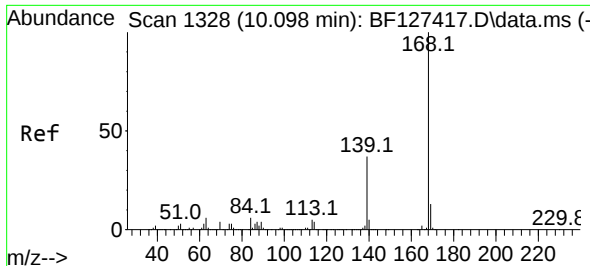
Tgt Ion:172 Resp: 774833
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.269 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

Tgt Ion:165 Resp: 20904
Ion Ratio Lower Upper
165 100
63 0.9 58.3 87.5#
89 2.6 51.5 77.3#

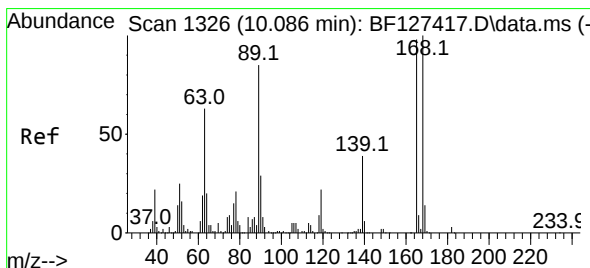
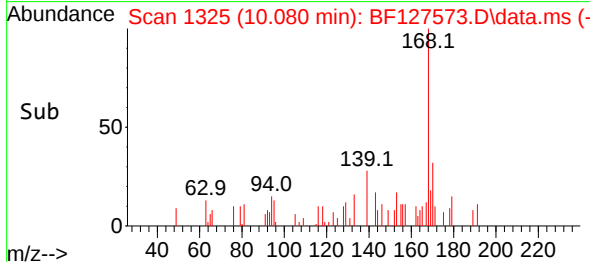
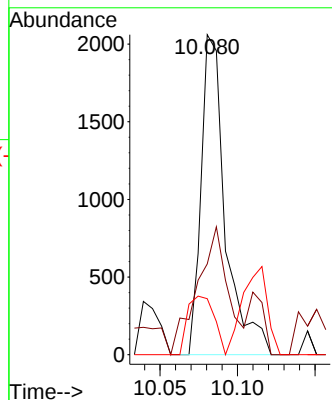
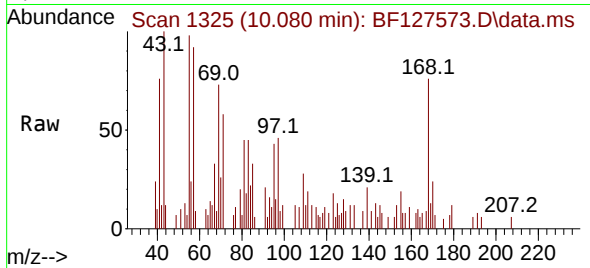




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

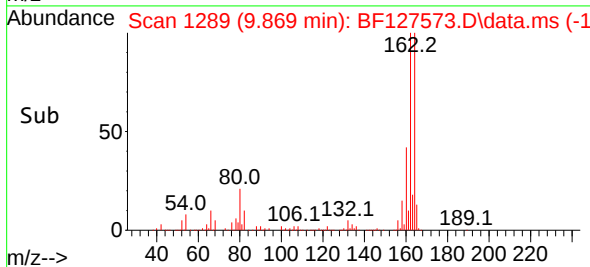
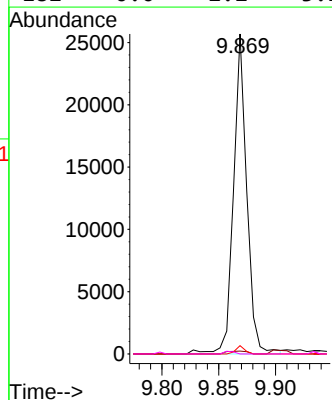
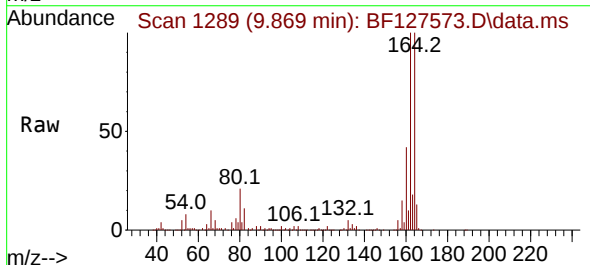
Instrument :
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ClientSampleId :
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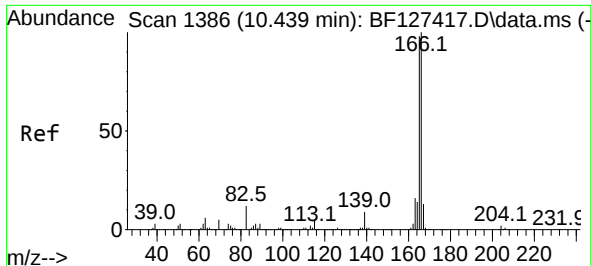
Tgt Ion:168 Resp: 2241
Ion Ratio Lower Upper
168 100
139 28.3 30.3 45.5#
169 17.5 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 7.201 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

Tgt Ion:165 Resp: 20904
Ion Ratio Lower Upper
165 100
63 0.9 53.1 79.7#
89 2.6 69.2 103.8#
182 0.0 2.2 3.2#

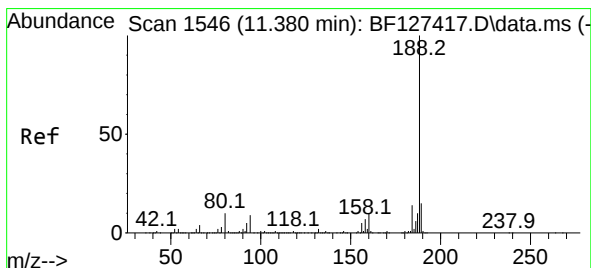
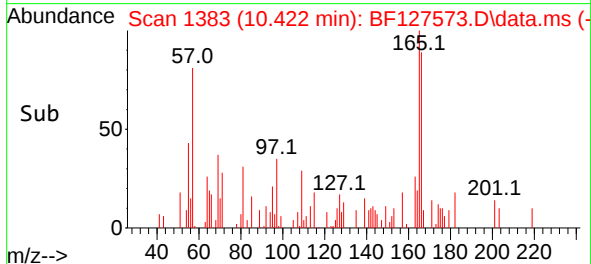
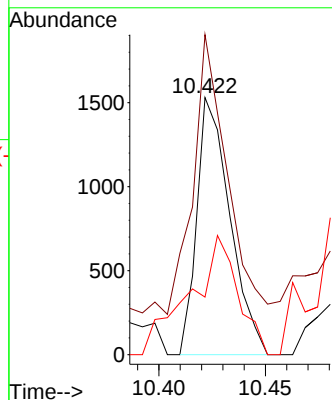
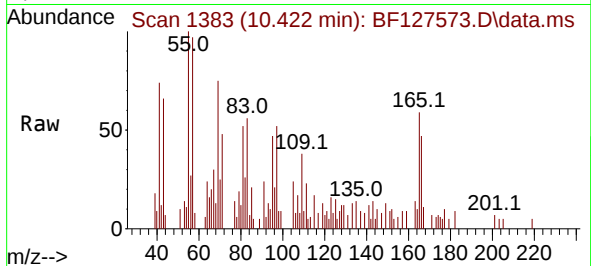




#58
Fluorene
Concen: Below Cal
RT: 10.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

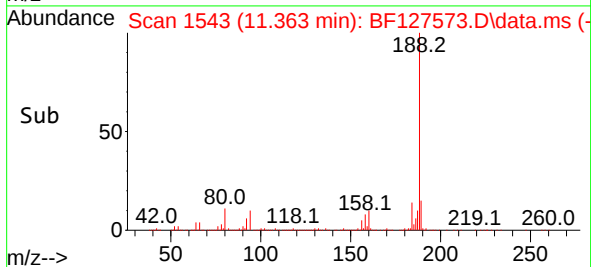
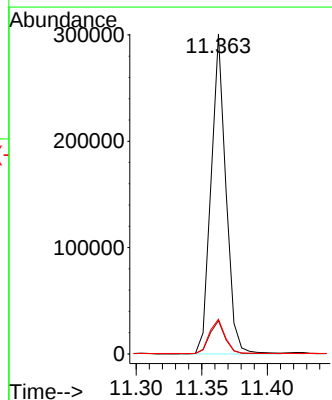
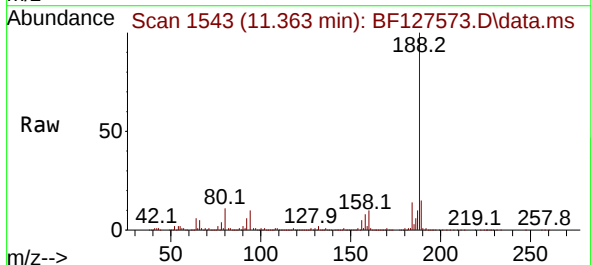
Instrument :
BNA_F
ClientSampleId :
PILE-LINDEN-SWICH

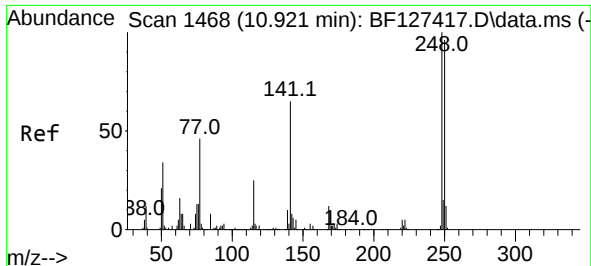
Tgt Ion:166 Resp: 1657
Ion Ratio Lower Upper
166 100
165 124.4 78.1 117.1#
167 22.4 10.5 15.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

Tgt Ion:188 Resp: 237644
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.0
80 10.8 8.0 12.0

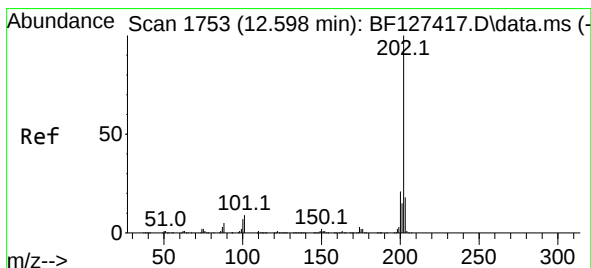
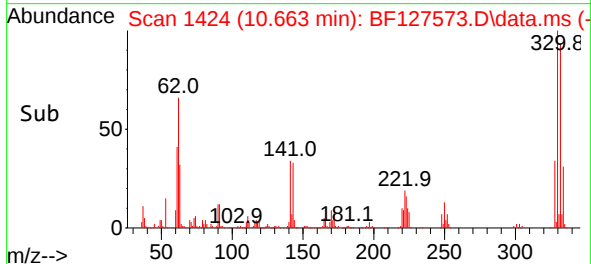
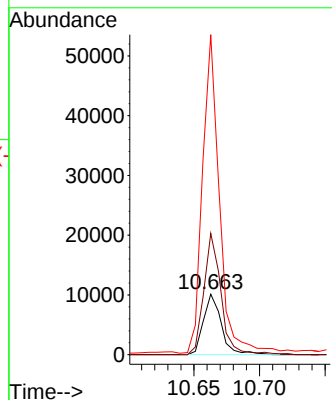
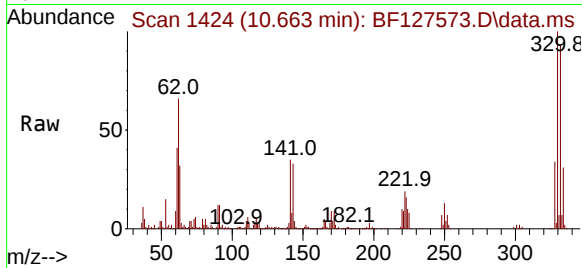




#67
4-Bromophenyl-phenylether
Concen: 3.474 ng
RT: 10.663 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

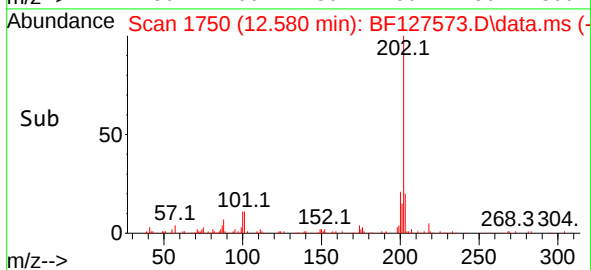
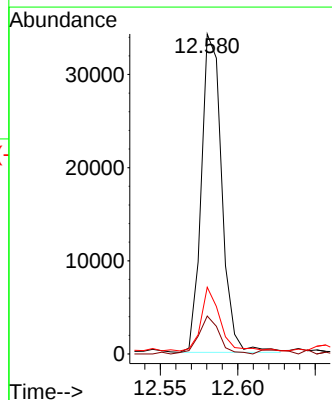
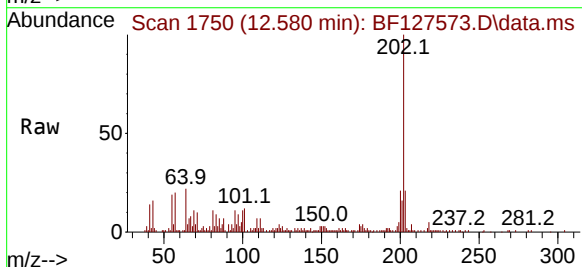
Instrument :
BNA_F
ClientSampleId :
PILE-LINDEN-SWITCH

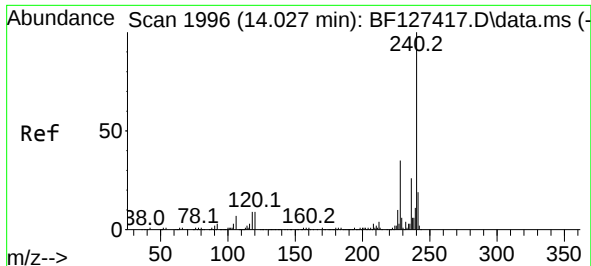
Tgt Ion:248 Resp: 9640
Ion Ratio Lower Upper
248 100
250 200.4 76.6 115.0#
141 528.8 52.2 78.2#



#75
Fluoranthene
Concen: 2.304 ng
RT: 12.580 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

Tgt Ion:202 Resp: 31403
Ion Ratio Lower Upper
202 100
101 11.9 0.0 29.0
203 20.9 0.0 37.7

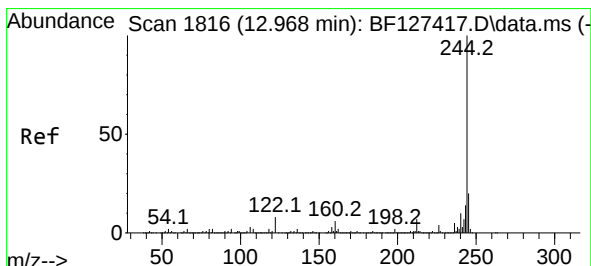
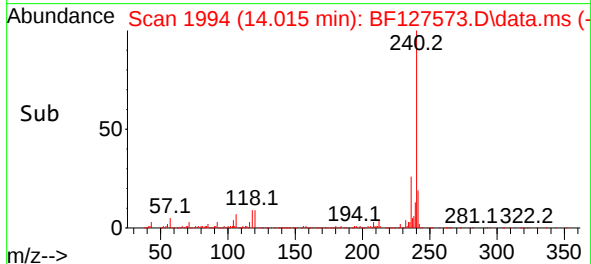
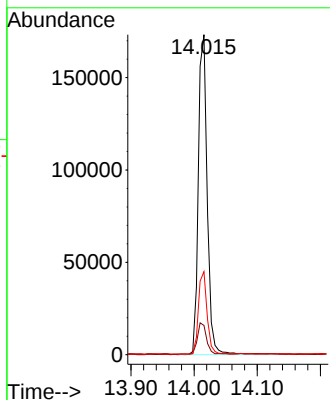
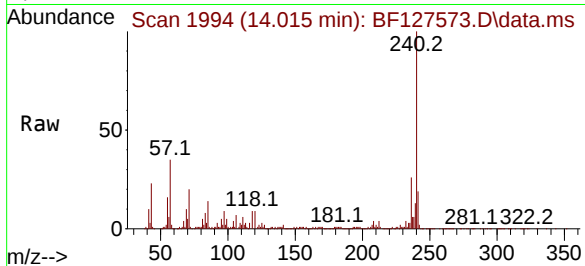




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

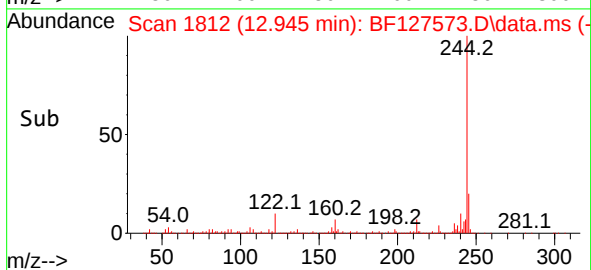
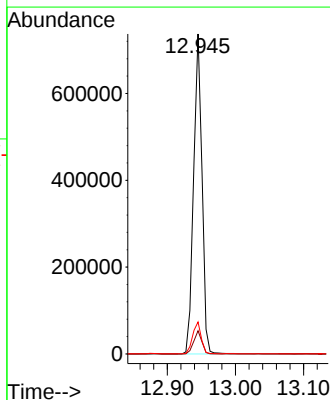
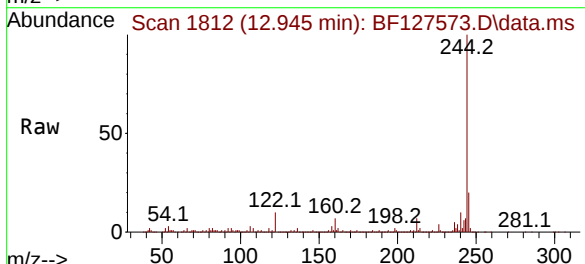
Instrument :
BNA_F
ClientSampleId :
PILE-LINDEN-SWICH

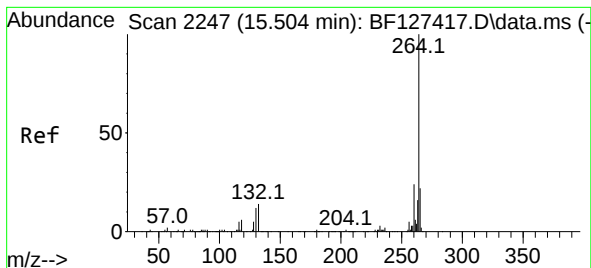
Tgt Ion:240 Resp: 168856
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 26.0 20.7 31.1



#79
Terphenyl-d14
Concen: 61.049 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

Tgt Ion:244 Resp: 629706
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.0 6.2 9.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127573.D

Acq: 29 Mar 2022 18:53

Instrument :

BNA_F

ClientSampleId :

PILE-LINDEN-SWICH

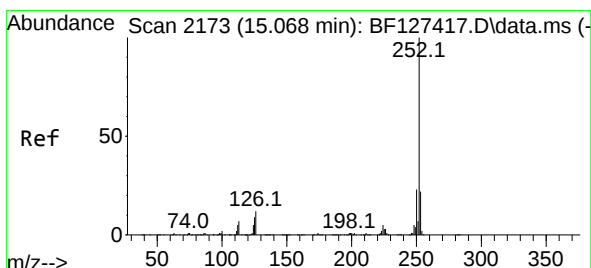
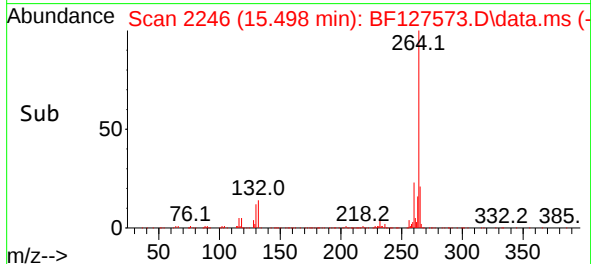
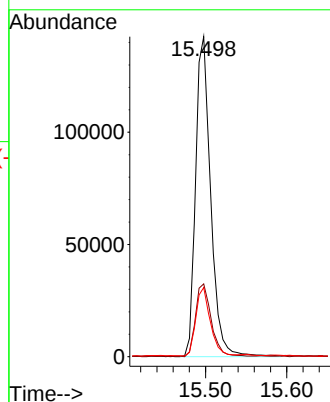
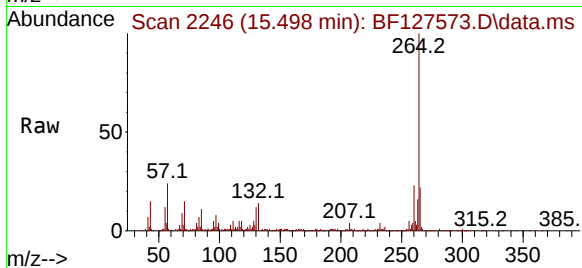
Tgt Ion:264 Resp: 184724

Ion Ratio Lower Upper

264 100

260 22.8 19.1 28.7

265 21.6 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.100 ng

RT: 15.068 min Scan# 2173

Delta R.T. 0.012 min

Lab File: BF127573.D

Acq: 29 Mar 2022 18:53

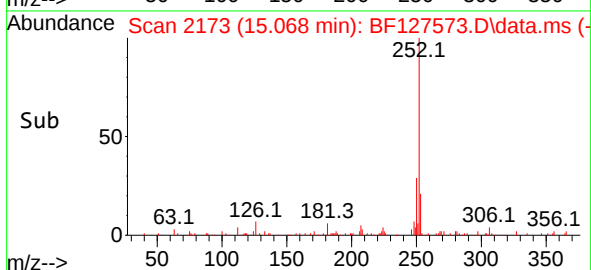
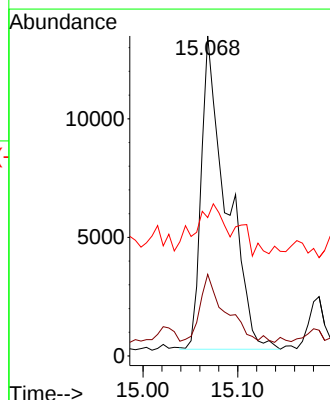
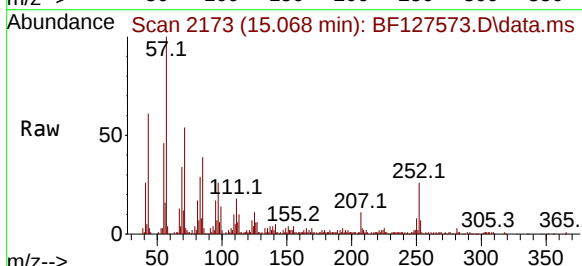
Tgt Ion:252 Resp: 24461

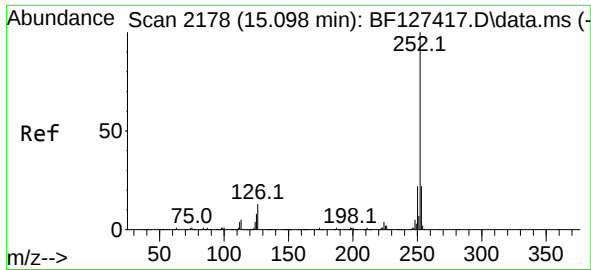
Ion Ratio Lower Upper

252 100

253 25.5 17.9 26.9

125 43.2 7.0 10.4#





#89

Benzo(k)fluoranthene

Concen: 2.026 ng

RT: 15.068 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF127573.D

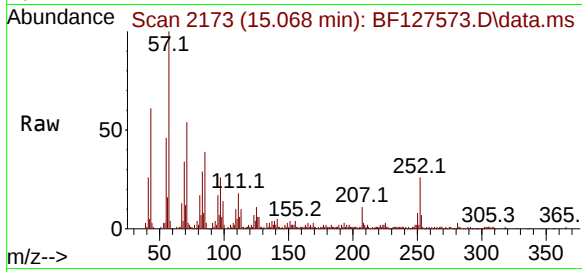
Acq: 29 Mar 2022 18:53

Instrument :

BNA_F

ClientSampleId :

PILE-LINDEN-SWITCH



Tgt Ion:252 Resp: 24461

Ion Ratio Lower Upper

252 100

253 25.5 17.3 25.9

125 43.2 6.9 10.3#

