

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073121\
 Data File : BF124888.D
 Acq On : 31 Jul 2021 12:25
 Operator : JU/CG
 Sample : PB138079BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138079BL

Quant Time: Aug 02 02:32:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 02:31:45 2021
 Response via : Initial Calibration

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

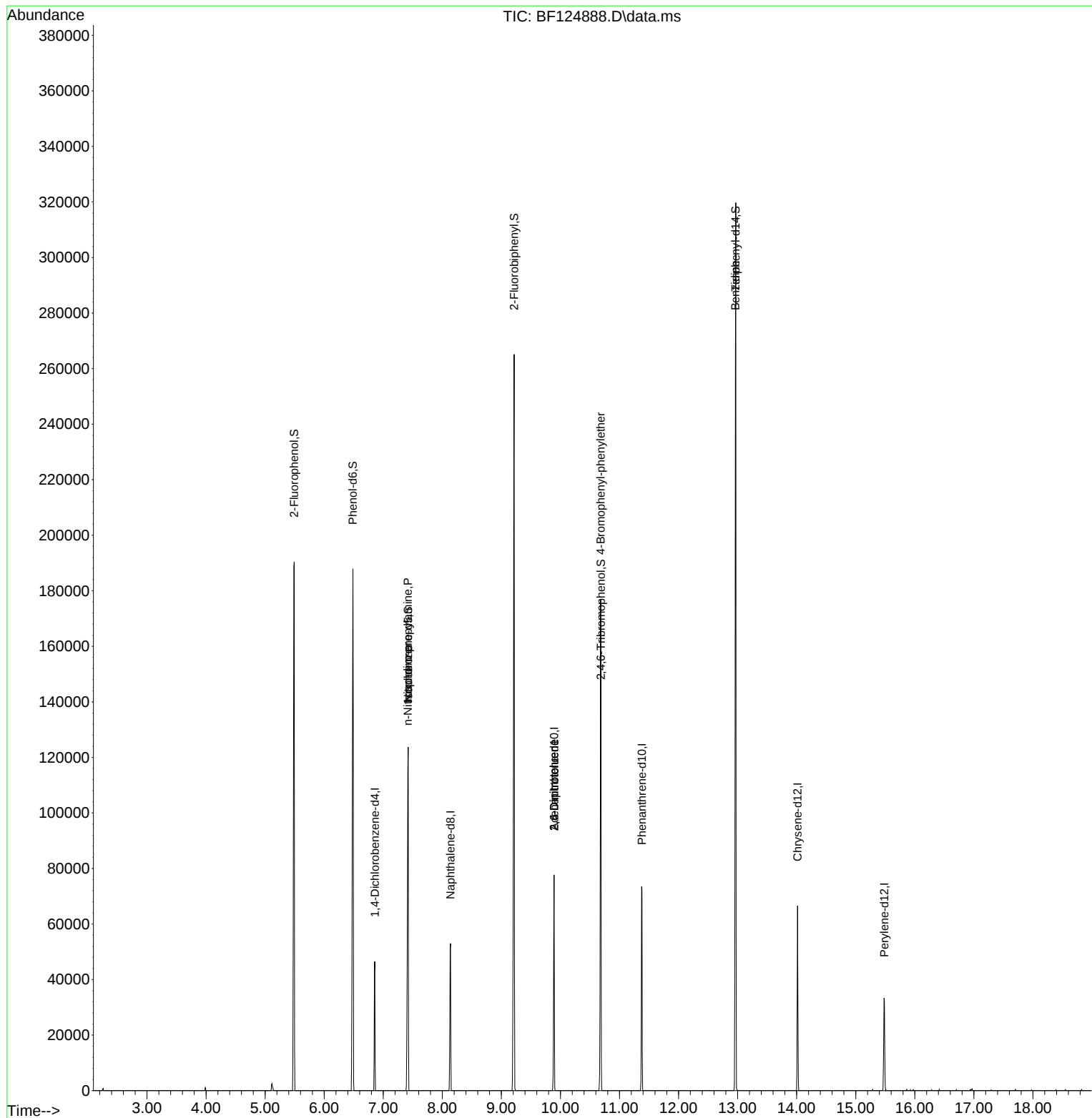
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	7054	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	28571	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	16357	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	30134	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	21866	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	17278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	57324	137.594	ng	0.02
7) Phenol-d6	6.487	99	69765	133.574	ng	0.00
23) Nitrobenzene-d5	7.422	82	46483	96.831	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	18576	132.269	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	92705	83.243	ng	0.00
79) Terphenyl-d14	12.968	244	109073	85.506	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	6114	21.922	ng	# 64
25) Isophorone	7.422	82	44271	52.156	ng	# 59
51) 2,6-Dinitrotoluene	9.892	165	1951	7.841	ng	# 26
57) 2,4-Dinitrotoluene	9.892	165	1951	5.778	ng	# 18
67) 4-Bromophenyl-phenylether	10.680	248	1473	4.609	ng	# 1
77) Benzidine	12.963	184	1539	2.496	ng	# 82

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

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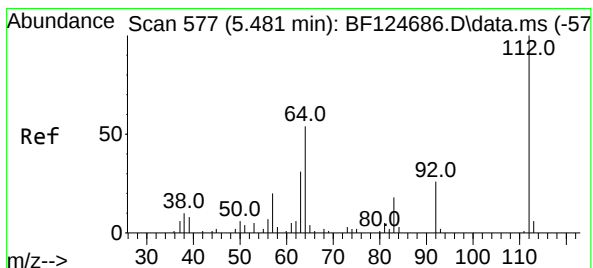
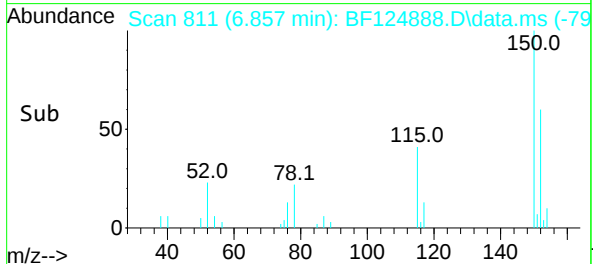
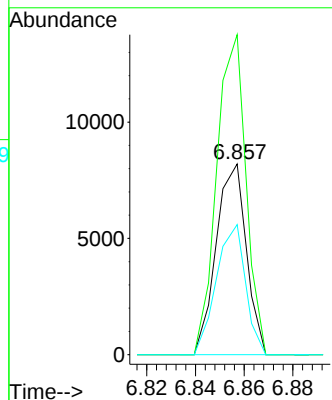
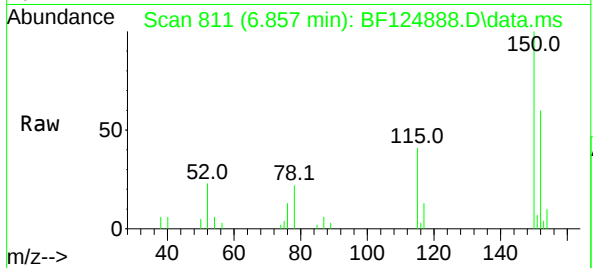




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF124888.D
Acq: 31 Jul 2021 12:25

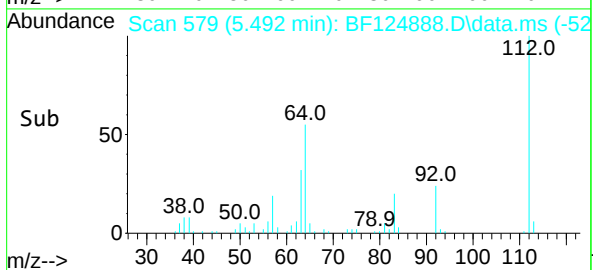
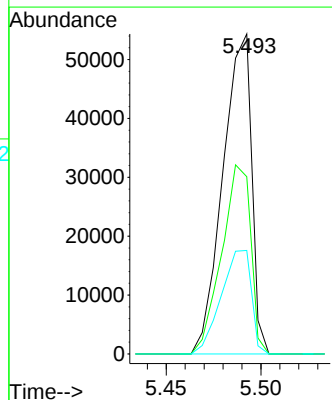
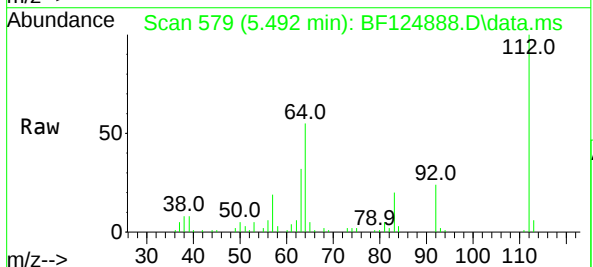
Instrument :
BNA_F
ClientSampleId :
PB138079BL

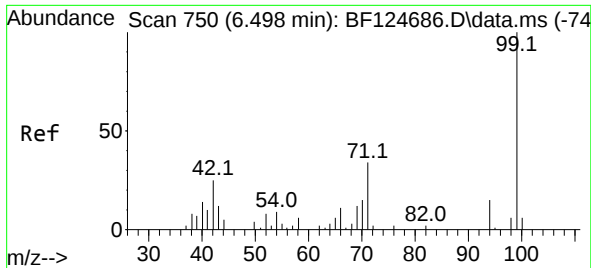
Tgt Ion:152 Resp: 7054
Ion Ratio Lower Upper
152 100
150 167.8 117.6 176.4
115 68.2 47.1 70.7



#5
2-Fluorophenol
Concen: 137.594 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF124888.D
Acq: 31 Jul 2021 12:25

Tgt Ion:112 Resp: 57324
Ion Ratio Lower Upper
112 100
64 55.4 44.2 66.2
63 32.4 26.2 39.2

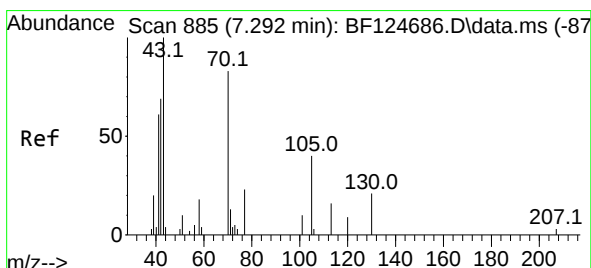
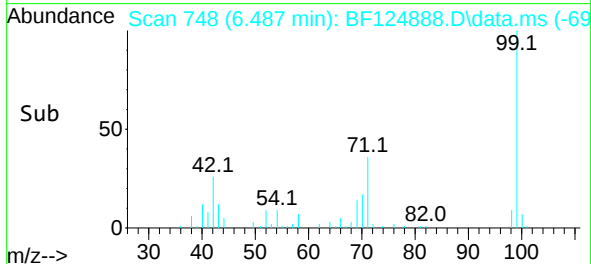
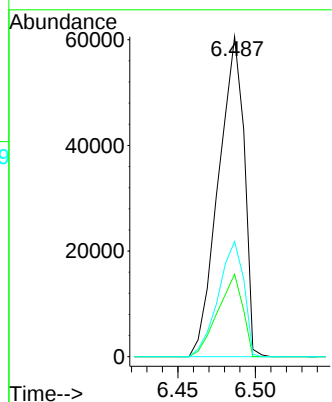
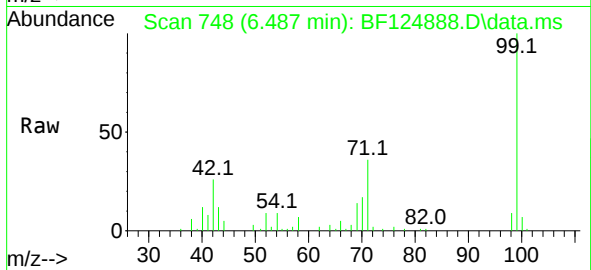




#7
Phenol-d6
Concen: 133.574 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF124888.D
Acq: 31 Jul 2021 12:25

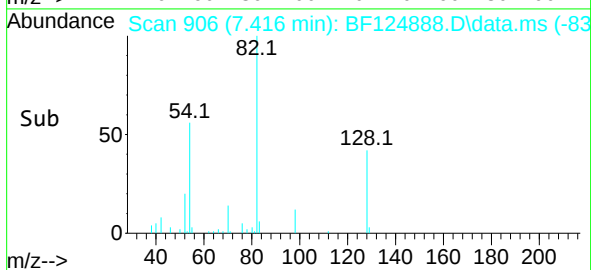
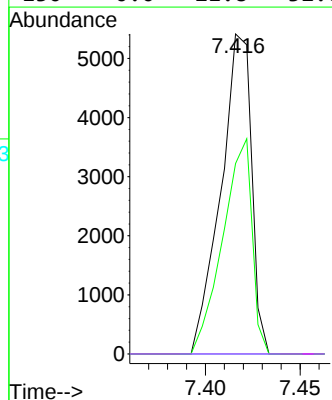
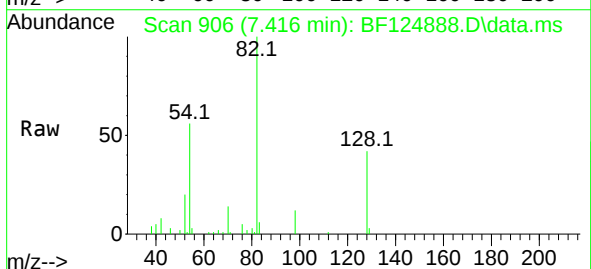
Instrument :
BNA_F
ClientSampleID :
PB138079BL

Tgt Ion:	99	Resp:	69765
Ion	Ratio	Lower	Upper
99	100		
42	25.8	23.5	35.3
71	36.0	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.922 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF124888.D
Acq: 31 Jul 2021 12:25

Tgt Ion:	70	Resp:	6114
Ion	Ratio	Lower	Upper
70	100		
42	59.5	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

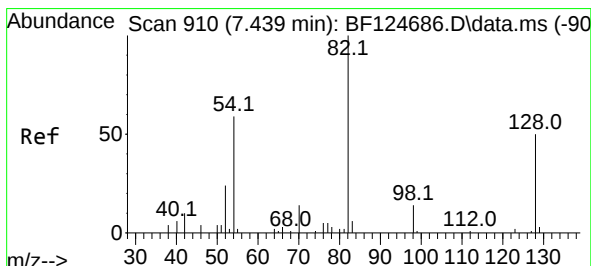
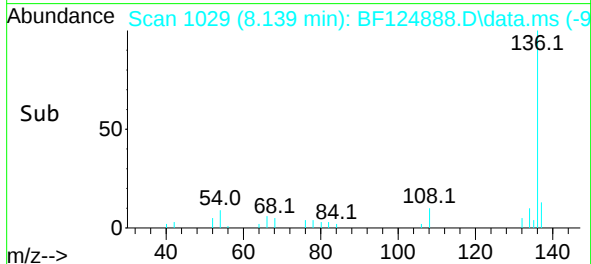
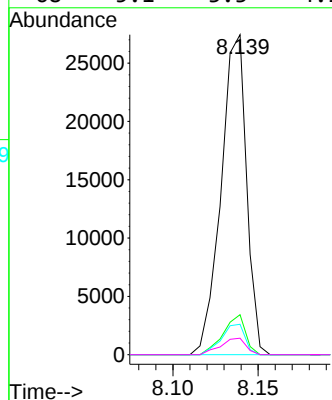
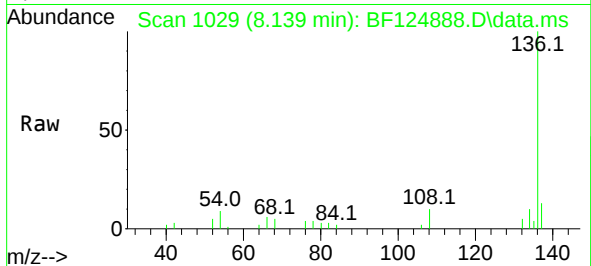




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF124888.D
Acq: 31 Jul 2021 12:25

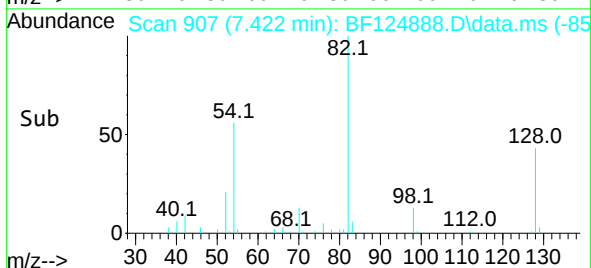
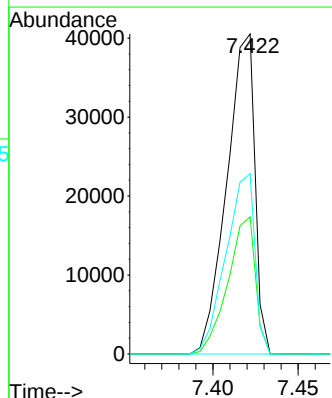
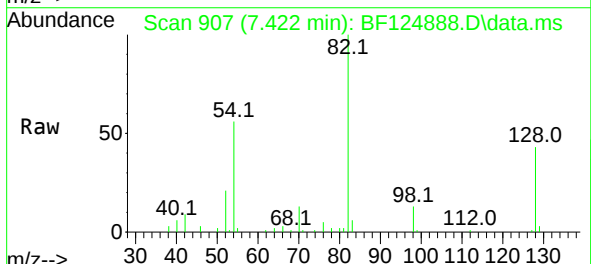
Instrument :
BNA_F
ClientSampleId :
PB138079BL

Tgt Ion:136	Resp:	28571
Ion Ratio	Lower	Upper
136	100	
137	12.5	9.8 14.6
54	9.5	6.4 9.6
68	5.1	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 96.831 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF124888.D
Acq: 31 Jul 2021 12:25

Tgt Ion: 82	Resp:	46483
Ion Ratio	Lower	Upper
82	100	
128	42.8	40.6 60.8
54	56.3	49.6 74.4

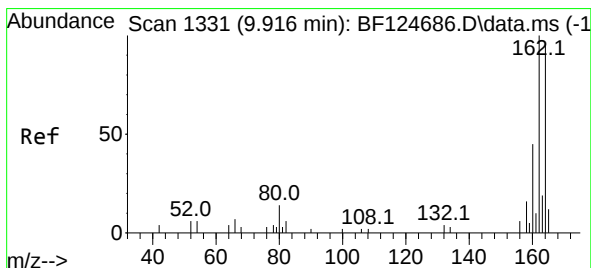
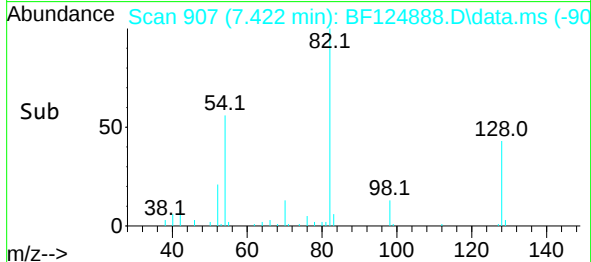
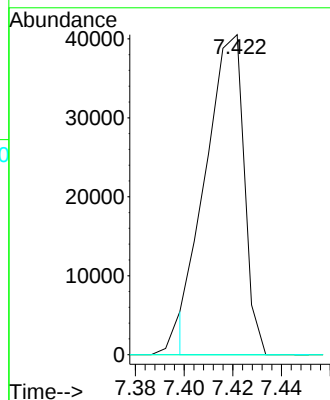
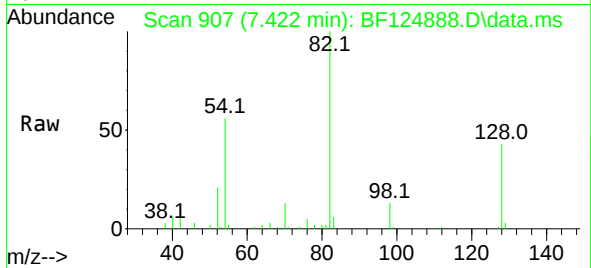




#25
Isophorone
Concen: 52.156 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF124888.D
Acq: 31 Jul 2021 12:25

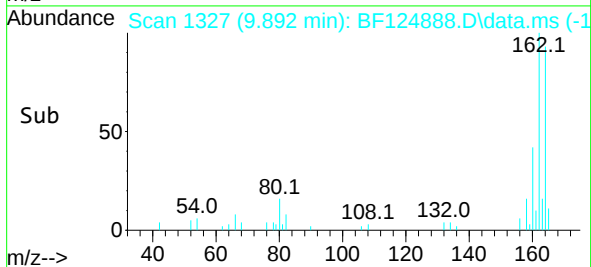
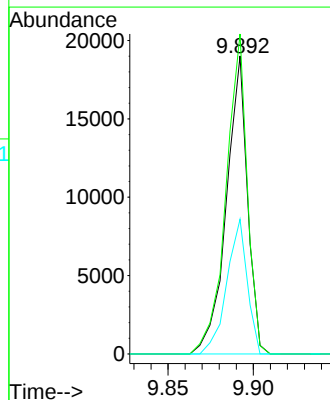
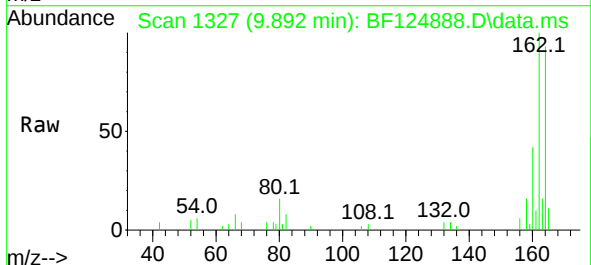
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ClientSampleID :
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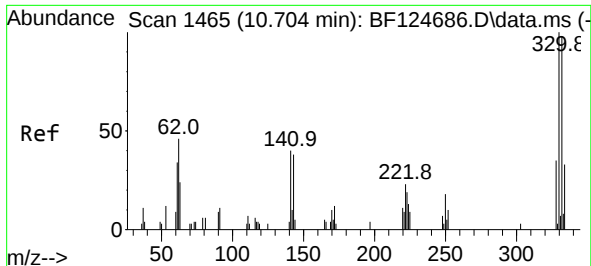
Tgt Ion: 82 Resp: 44271
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF124888.D
Acq: 31 Jul 2021 12:25

Tgt Ion: 164 Resp: 16357
Ion Ratio Lower Upper
164 100
162 107.4 81.3 121.9
160 45.2 38.0 57.0

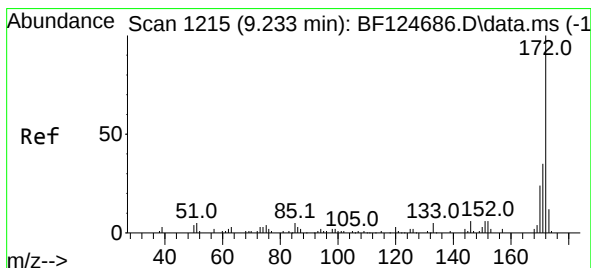
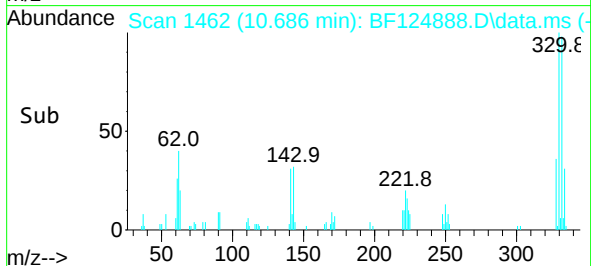
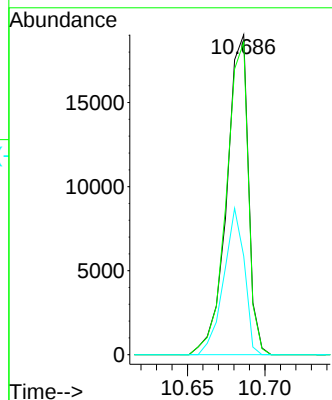
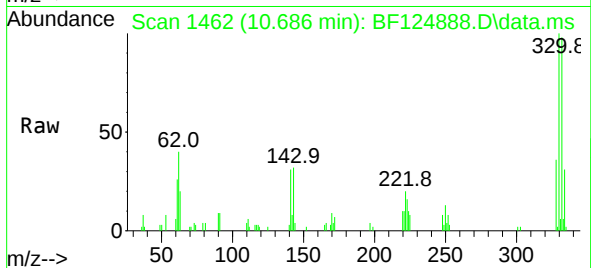




#42
2,4,6-Tribromophenol
Concen: 132.269 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF124888.D
Acq: 31 Jul 2021 12:25

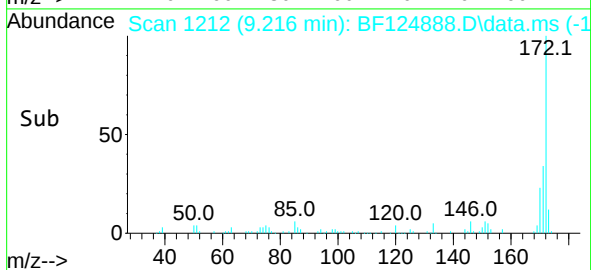
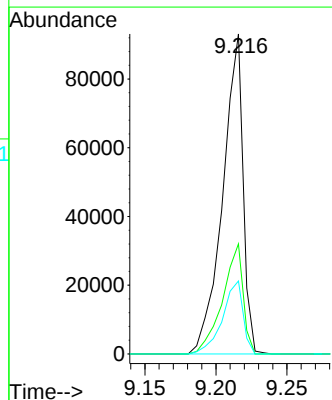
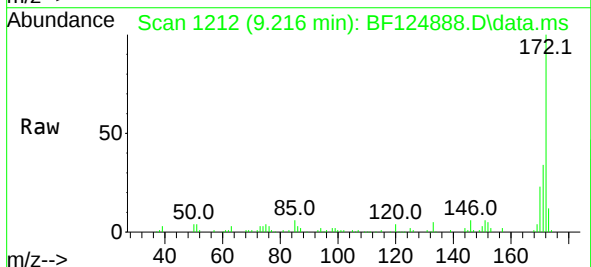
Instrument :
BNA_F
ClientSampleId :
PB138079BL

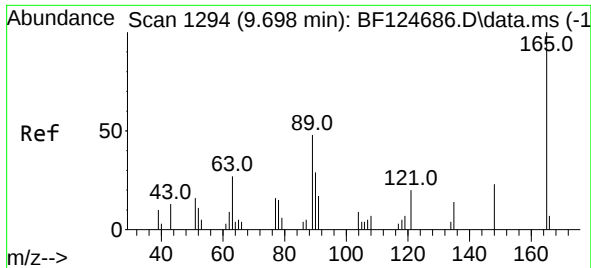
Tgt Ion:330 Resp: 18576
Ion Ratio Lower Upper
330 100
332 98.8 76.2 114.4
141 43.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 83.243 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF124888.D
Acq: 31 Jul 2021 12:25

Tgt Ion:172 Resp: 92705
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 22.8 18.8 28.2

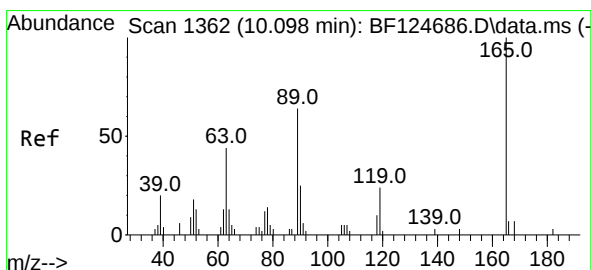
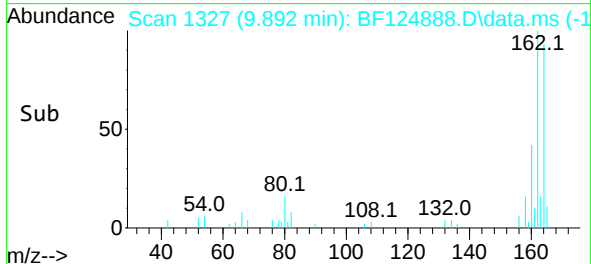
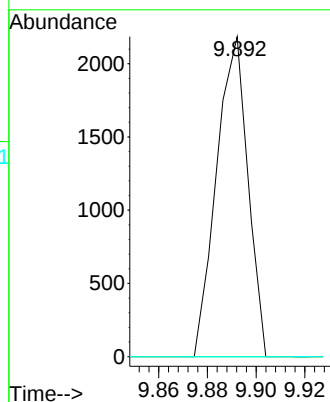
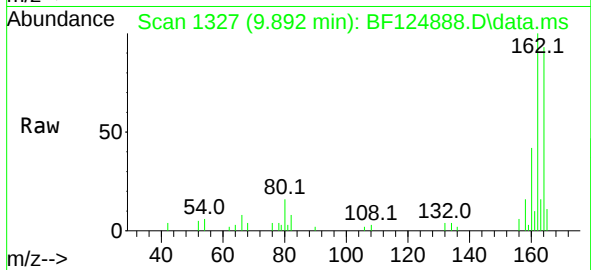




#51
2,6-Dinitrotoluene
Concen: 7.841 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF124888.D
Acq: 31 Jul 2021 12:25

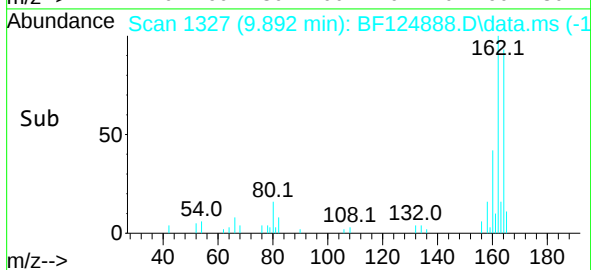
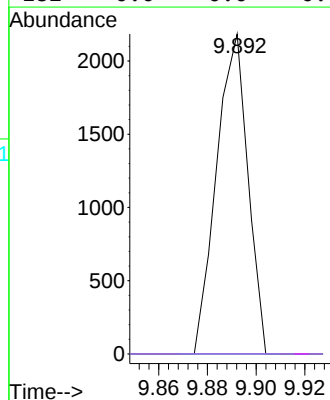
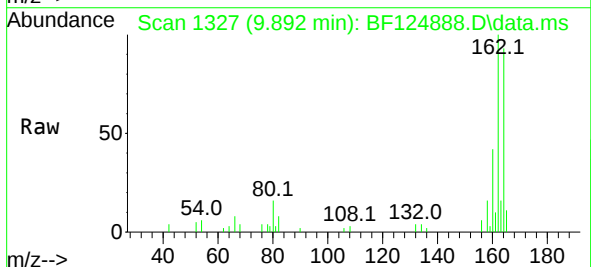
Instrument :
BNA_F
ClientSampleId :
PB138079BL

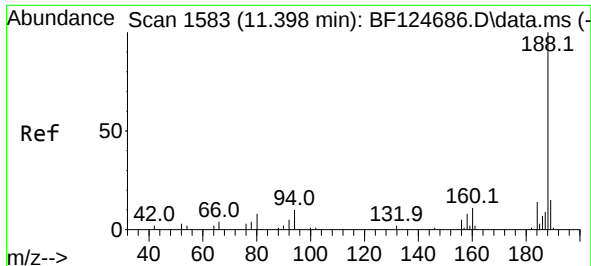
Tgt Ion:165 Resp: 1951
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.778 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.194 min
Lab File: BF124888.D
Acq: 31 Jul 2021 12:25

Tgt Ion:165 Resp: 1951
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

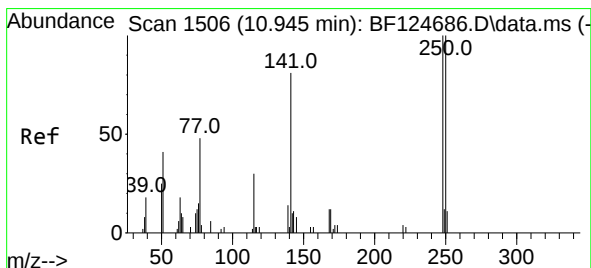
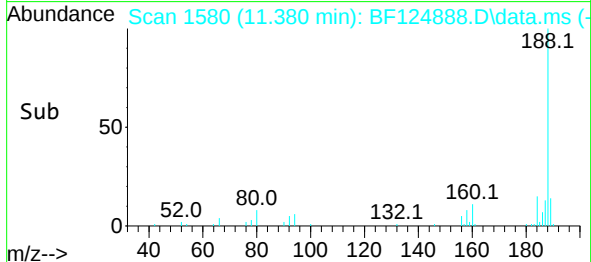
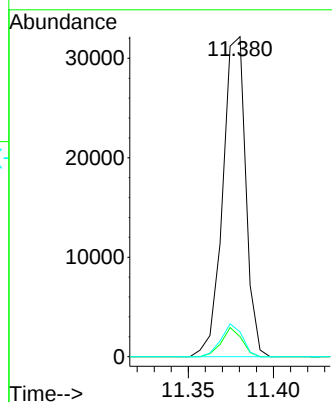
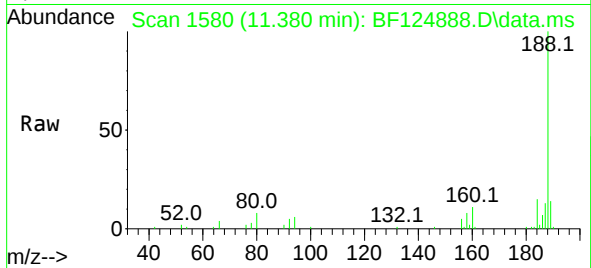




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF124888.D
Acq: 31 Jul 2021 12:25

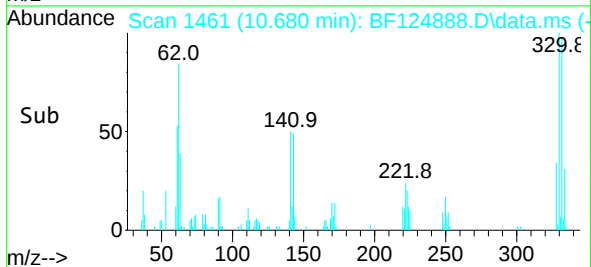
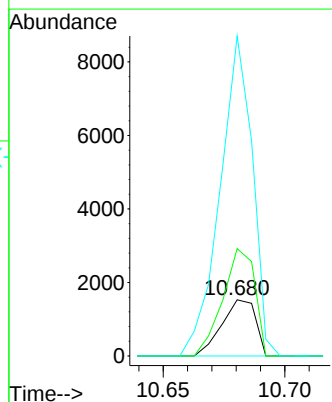
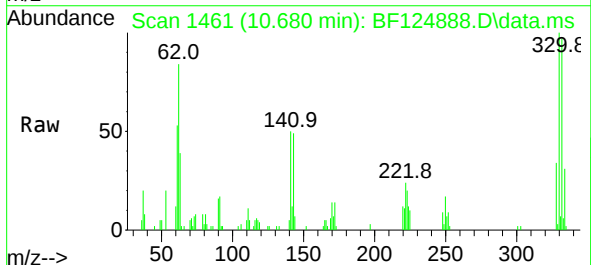
Instrument :
BNA_F
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PB138079BL

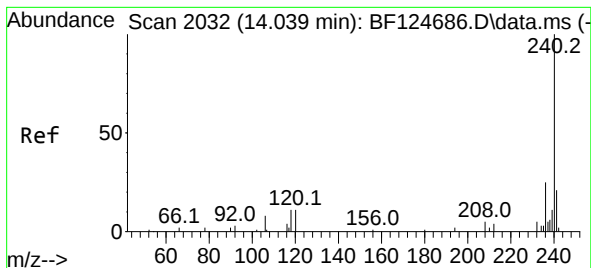
Tgt Ion:188 Resp: 30134
Ion Ratio Lower Upper
188 100
94 6.3 6.7 10.1#
80 7.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.609 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF124888.D
Acq: 31 Jul 2021 12:25

Tgt Ion:248 Resp: 1473
Ion Ratio Lower Upper
248 100
250 191.3 74.2 111.4#
141 570.2 60.4 90.6#

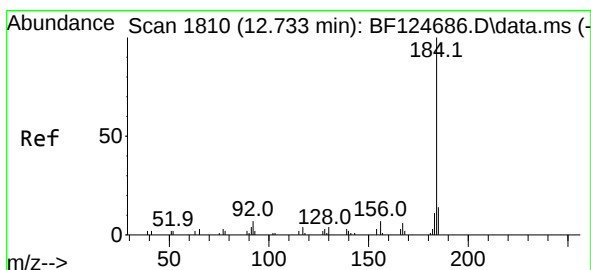
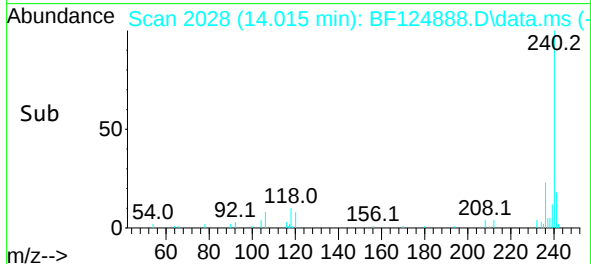
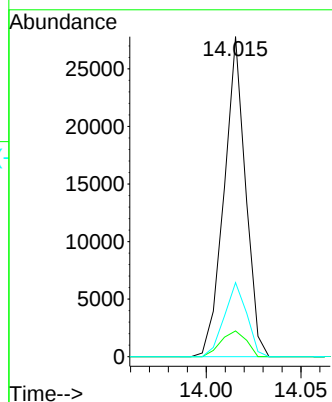
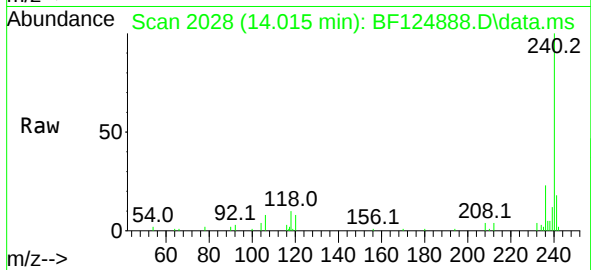




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124888.D
Acq: 31 Jul 2021 12:25

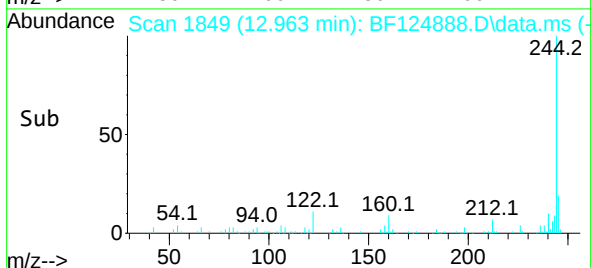
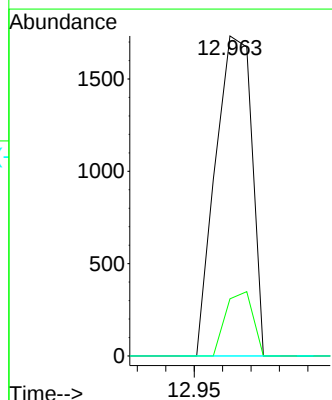
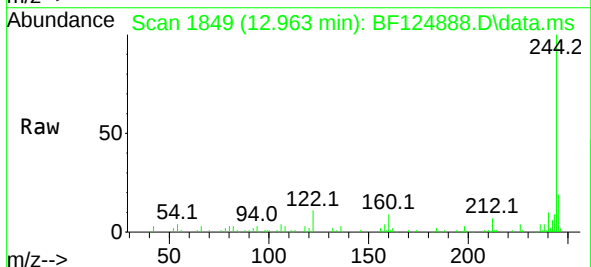
Instrument :
BNA_F
ClientSampleId :
PB138079BL

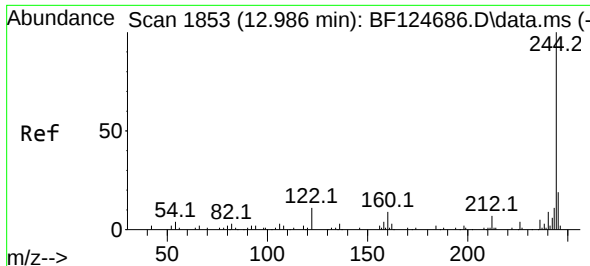
Tgt Ion:240 Resp: 21866
Ion Ratio Lower Upper
240 100
120 8.1 10.8 16.2#
236 23.1 21.6 32.4



#77
Benzidine
Concen: 2.496 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.247 min
Lab File: BF124888.D
Acq: 31 Jul 2021 12:25

Tgt Ion:184 Resp: 1539
Ion Ratio Lower Upper
184 100
185 17.8 10.8 16.2#
183 0.0 8.1 12.1#

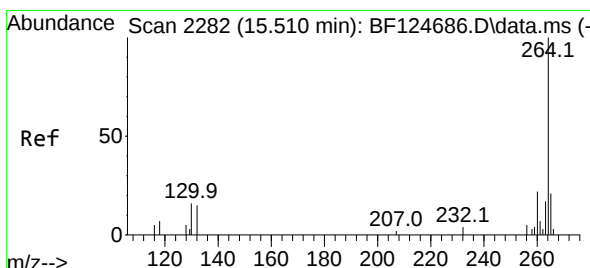
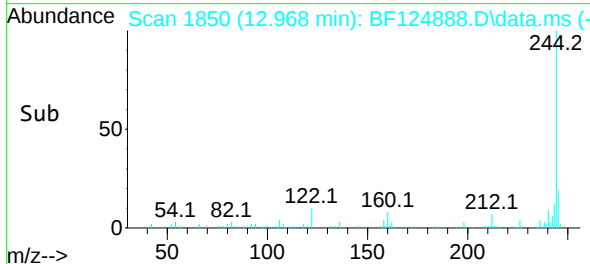
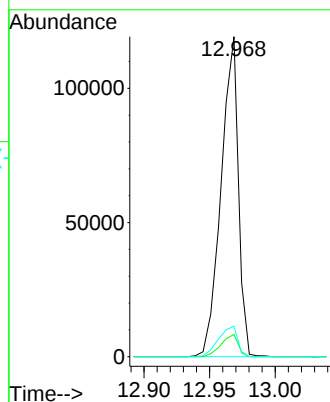
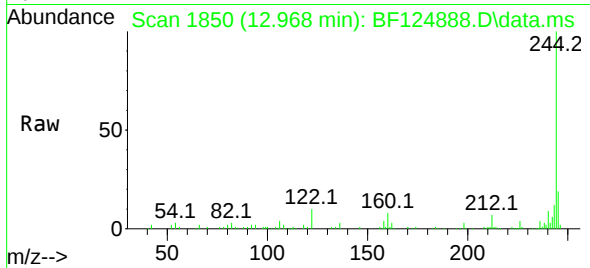




#79
Terphenyl-d14
Concen: 85.506 ng
RT: 12.968 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BF124888.D
Acq: 31 Jul 2021 12:25

Instrument :
BNA_F
ClientSampleId :
PB138079BL

Tgt Ion:244 Resp: 109073
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.5 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.000 min
Lab File: BF124888.D
Acq: 31 Jul 2021 12:25

Tgt Ion:264 Resp: 17278
Ion Ratio Lower Upper
264 100
260 22.8 19.6 29.4
265 20.2 17.2 25.8

