

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
 Data File : BF124899.D
 Acq On : 2 Aug 2021 10:03
 Operator : JU/CG
 Sample : PB138063TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138063TB

Quant Time: Aug 02 11:21:03 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 11:15:51 2021
 Response via : Initial Calibration

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

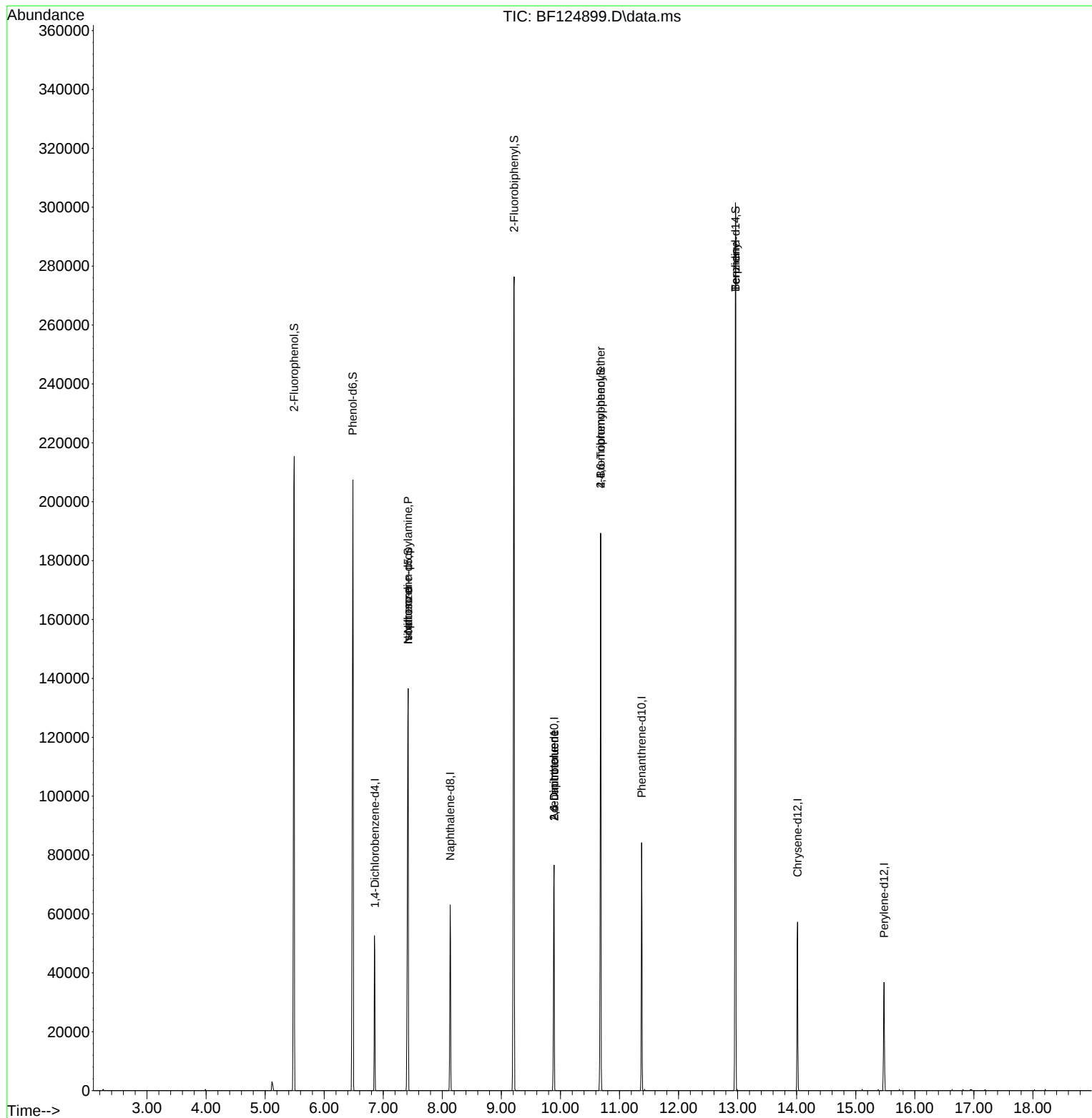
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	8176	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	30562	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	17538	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	30950	20.000	ng	0.00
76) Chrysene-d12	14.015	240	22017	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	17064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	65235	135.094	ng	0.02
7) Phenol-d6	6.486	99	78414	129.531	ng	0.00
23) Nitrobenzene-d5	7.422	82	51386	100.071	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	20023	132.972	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	105524	88.373	ng	0.00
79) Terphenyl-d14	12.968	244	118730	92.438	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	6702	20.733	ng	# 63
25) Isophorone	7.422	82	51384	56.592	ng	# 59
51) 2,6-Dinitrotoluene	9.892	165	1958	7.339	ng	# 26
57) 2,4-Dinitrotoluene	9.892	165	1958	5.408	ng	# 18
67) 4-Bromophenyl-phenylether	10.680	248	1459	4.445	ng	# 1
77) Benzidine	12.968	184	1754	2.825	ng	# 69

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:15:51 2021
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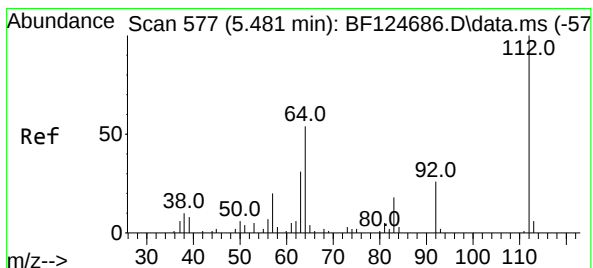
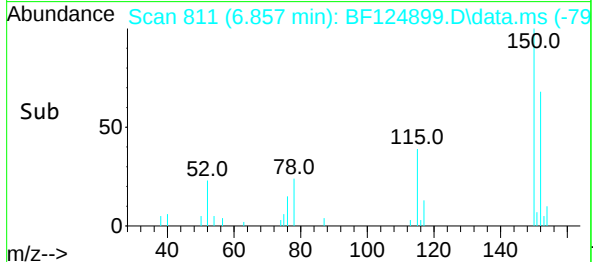
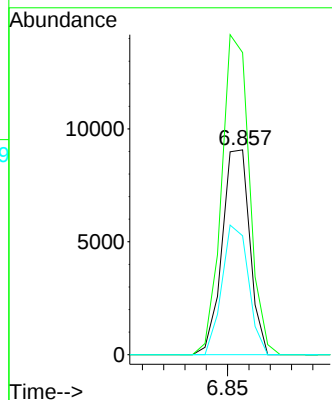
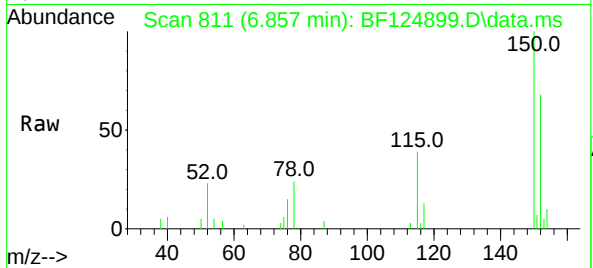




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF124899.D
Acq: 2 Aug 2021 10:03

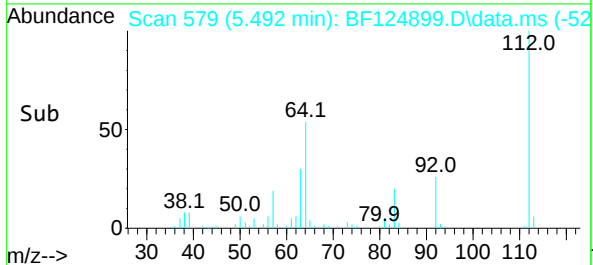
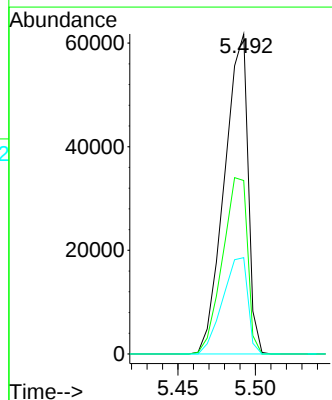
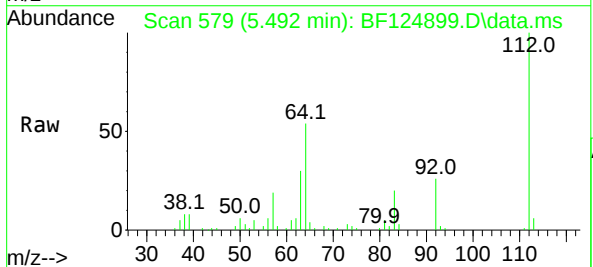
Instrument :
BNA_F
ClientSampleId :
PB138063TB

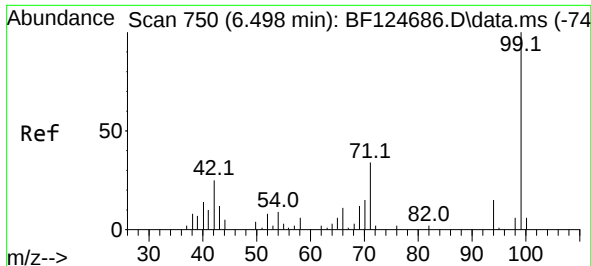
Tgt Ion:152 Resp: 8176
Ion Ratio Lower Upper
152 100
150 147.5 117.6 176.4
115 58.1 47.1 70.7



#5
2-Fluorophenol
Concen: 135.094 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF124899.D
Acq: 2 Aug 2021 10:03

Tgt Ion:112 Resp: 65235
Ion Ratio Lower Upper
112 100
64 54.2 44.2 66.2
63 30.1 26.2 39.2

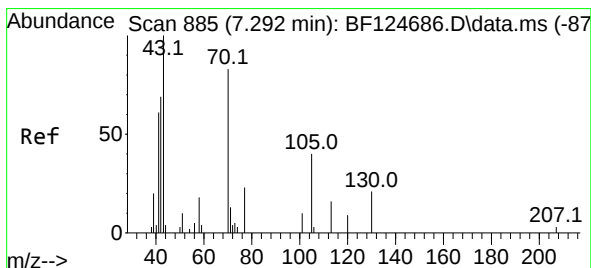
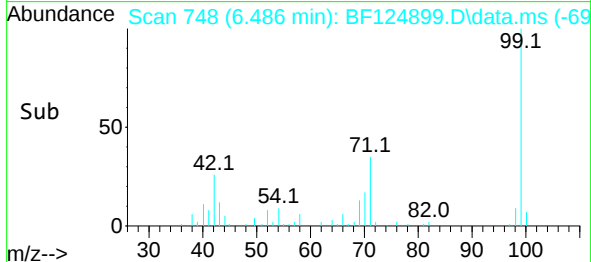
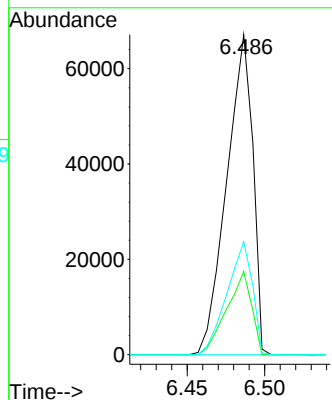
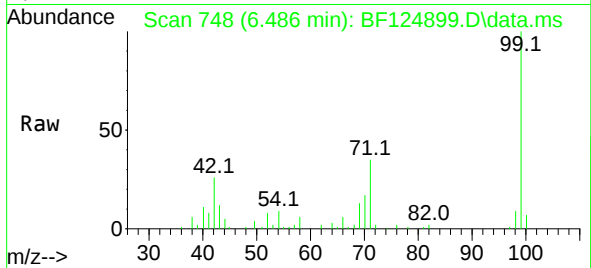




#7
Phenol-d6
Concen: 129.531 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF124899.D
Acq: 2 Aug 2021 10:03

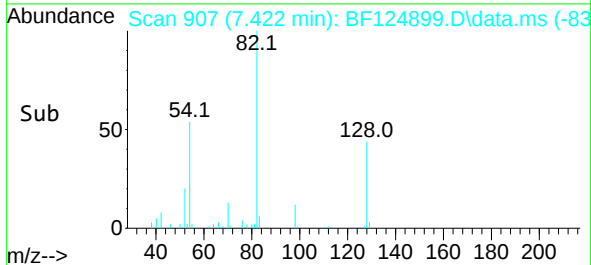
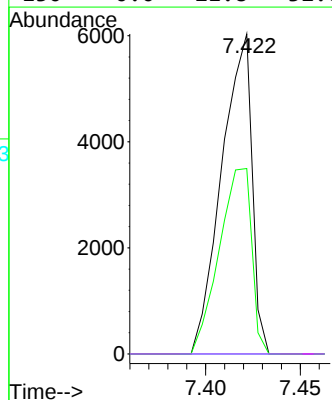
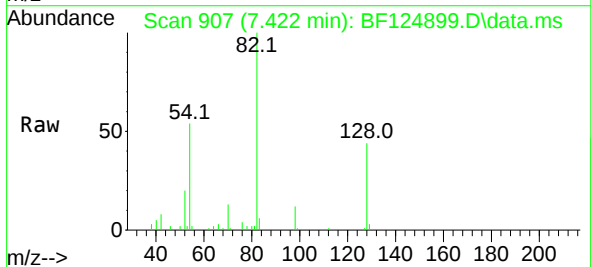
Instrument :
BNA_F
ClientSampleId :
PB138063TB

Tgt Ion: 99 Resp: 78414
Ion Ratio Lower Upper
99 100
42 26.0 23.5 35.3
71 35.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.733 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF124899.D
Acq: 2 Aug 2021 10:03

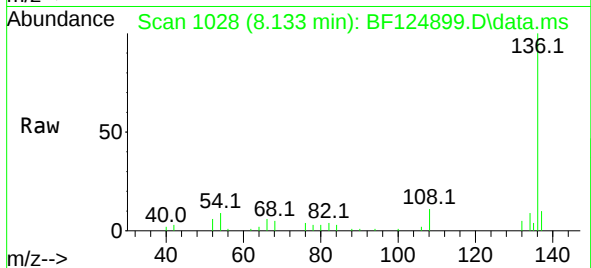
Tgt Ion: 70 Resp: 6702
Ion Ratio Lower Upper
70 100
42 57.9 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



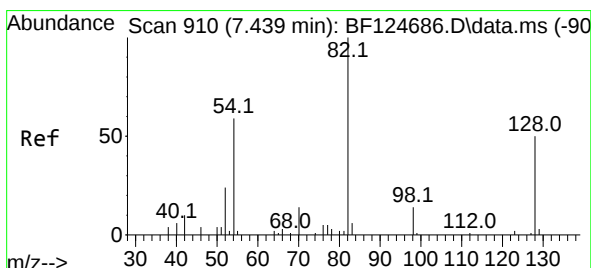
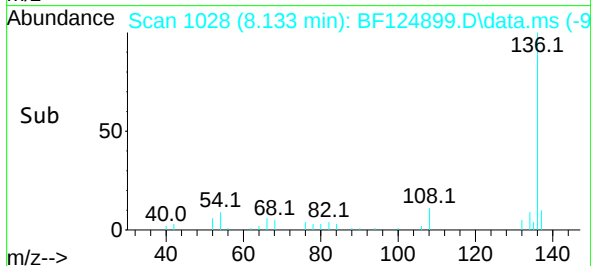
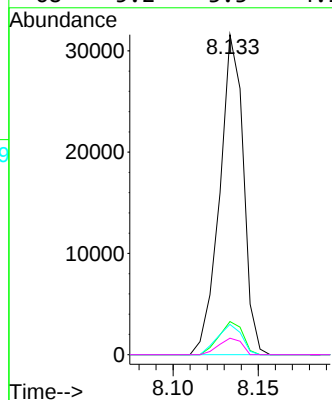


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF124899.D
Acq: 2 Aug 2021 10:03

Instrument :
BNA_F
ClientSampleId :
PB138063TB

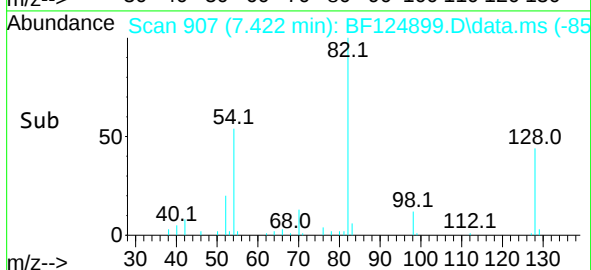
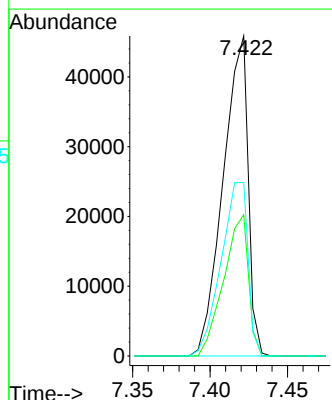
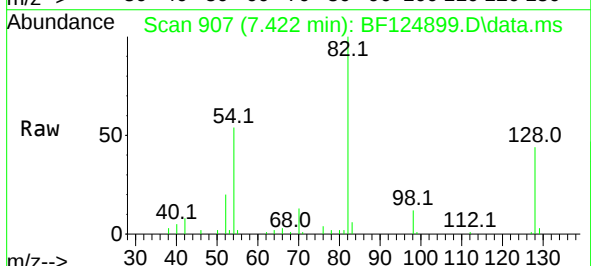


Tgt Ion:136 Resp: 30562
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 9.4 6.4 9.6
68 5.2 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 100.071 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF124899.D
Acq: 2 Aug 2021 10:03

Tgt Ion: 82 Resp: 51386
Ion Ratio Lower Upper
82 100
128 44.1 40.6 60.8
54 54.3 49.6 74.4

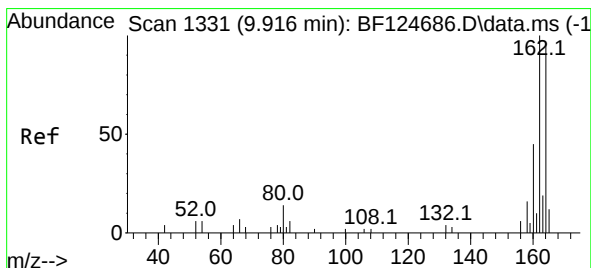
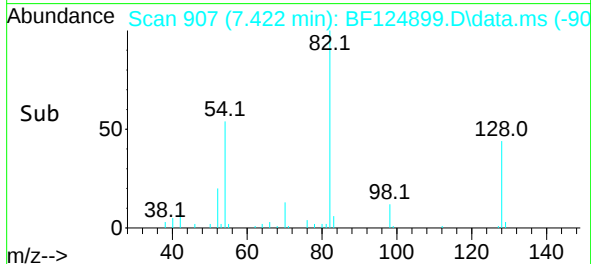
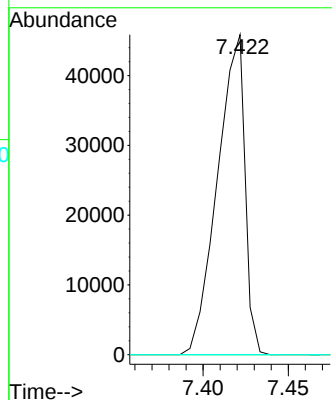
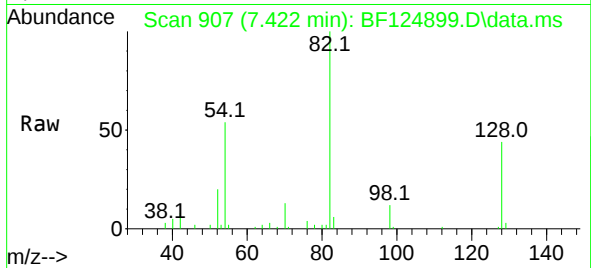




#25
Isophorone
Concen: 56.592 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.259 min
Lab File: BF124899.D
Acq: 2 Aug 2021 10:03

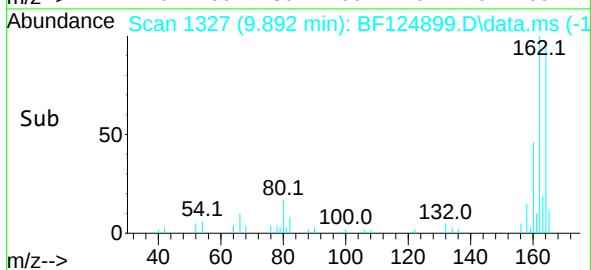
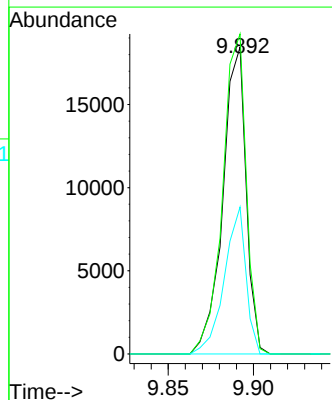
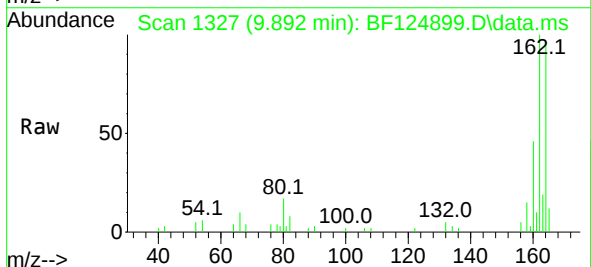
Instrument :
BNA_F
ClientSampleId :
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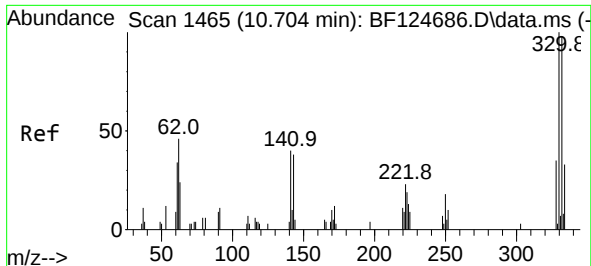
Tgt Ion: 82 Resp: 51384
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF124899.D
Acq: 2 Aug 2021 10:03

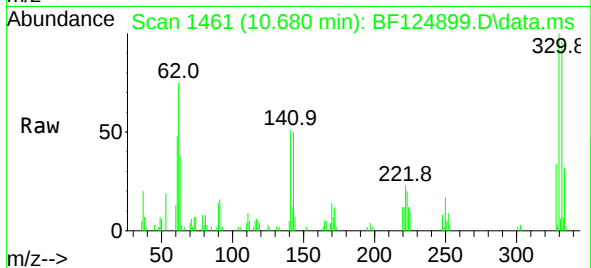
Tgt Ion: 164 Resp: 17538
Ion Ratio Lower Upper
164 100
162 104.2 81.3 121.9
160 47.8 38.0 57.0



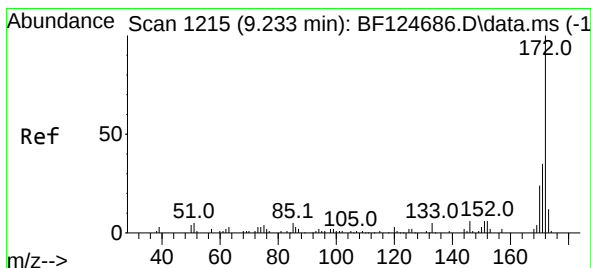
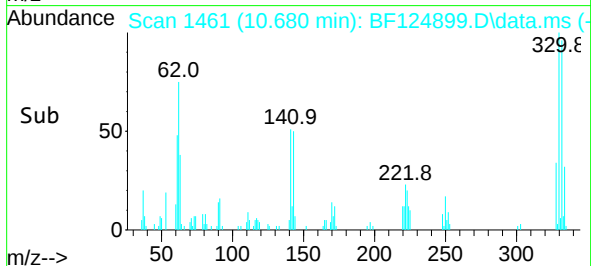
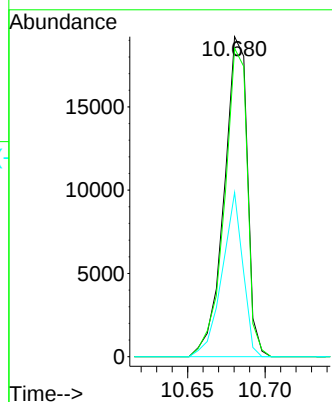


#42
2,4,6-Tribromophenol
Concen: 132.972 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF124899.D
Acq: 2 Aug 2021 10:03

Instrument :
BNA_F
ClientSampleId :
PB138063TB

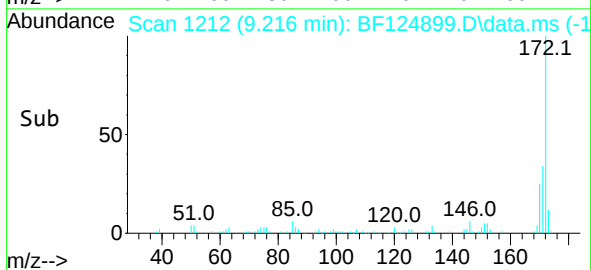
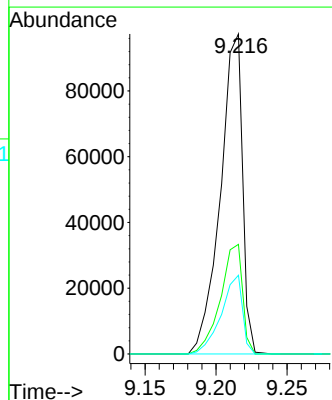
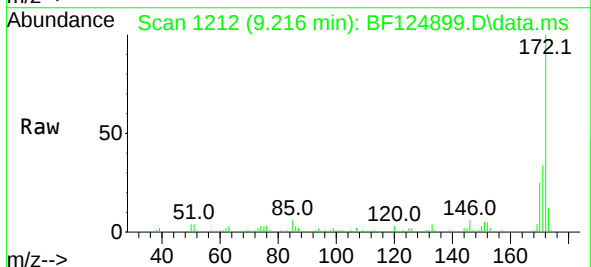


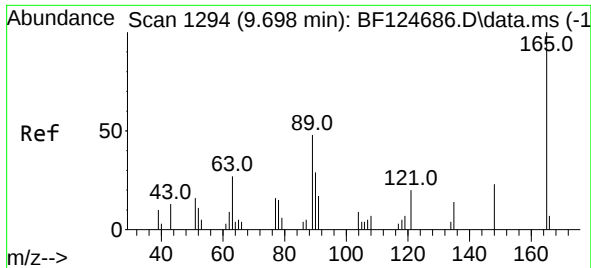
Tgt Ion:330 Resp: 20023
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 45.9 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 88.373 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF124899.D
Acq: 2 Aug 2021 10:03

Tgt Ion:172 Resp: 105524
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 24.6 18.8 28.2

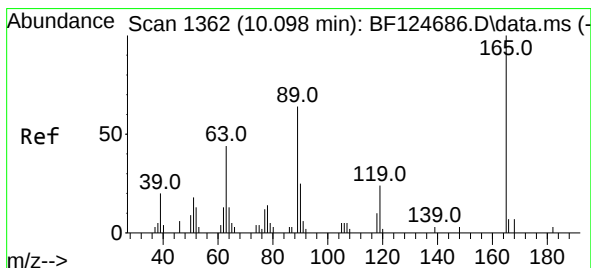
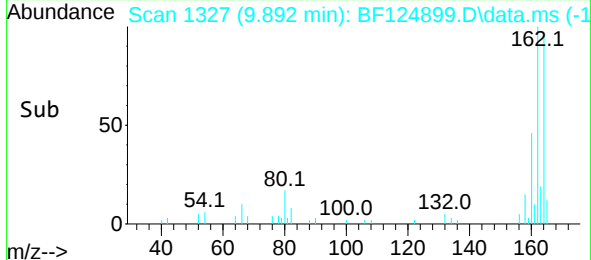
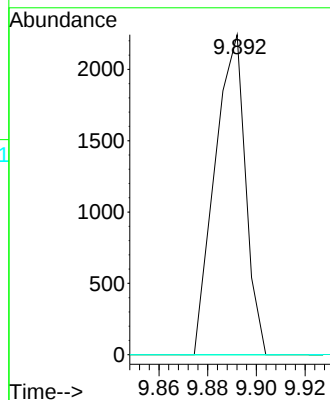
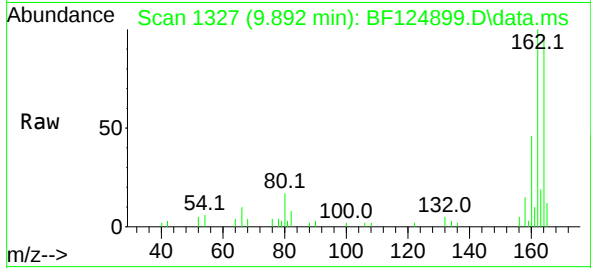




#51
2,6-Dinitrotoluene
Concen: 7.339 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF124899.D
Acq: 2 Aug 2021 10:03

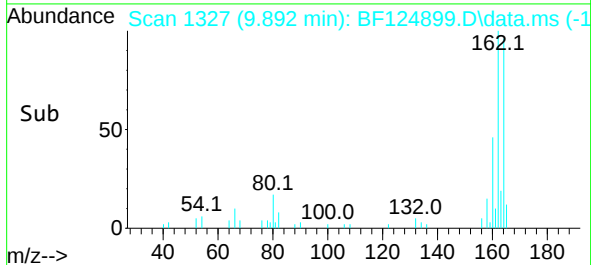
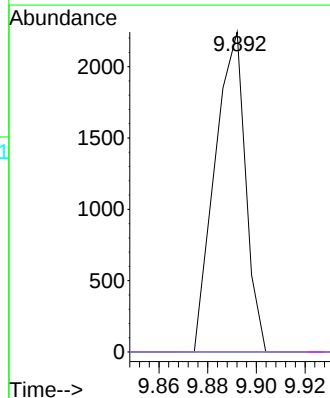
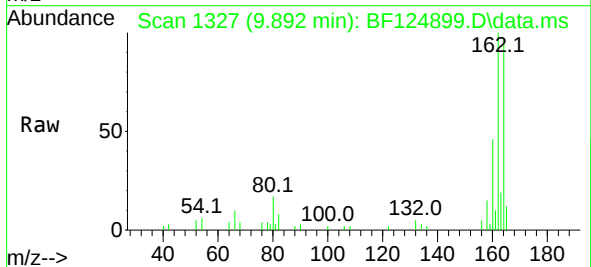
Instrument :
BNA_F
ClientSampled :
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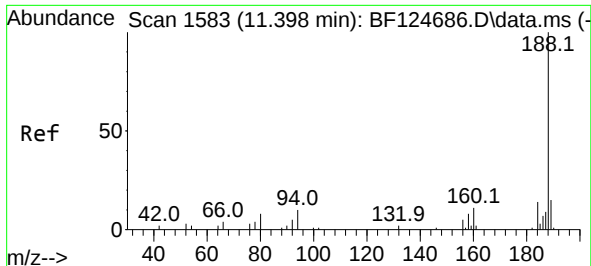
Tgt Ion:165 Resp: 1958
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.408 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF124899.D
Acq: 2 Aug 2021 10:03

Tgt Ion:165 Resp: 1958
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

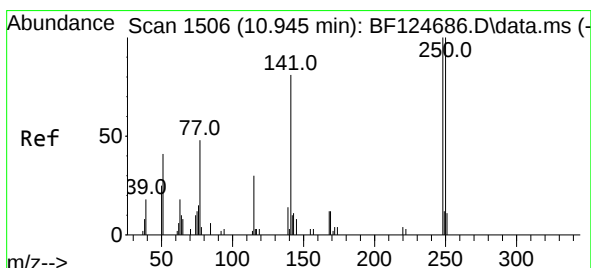
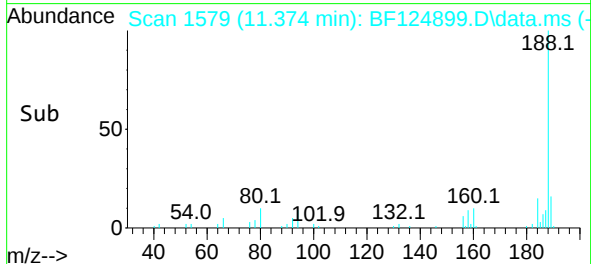
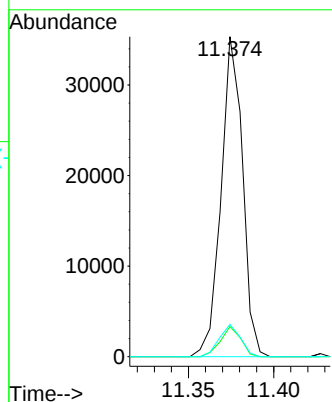
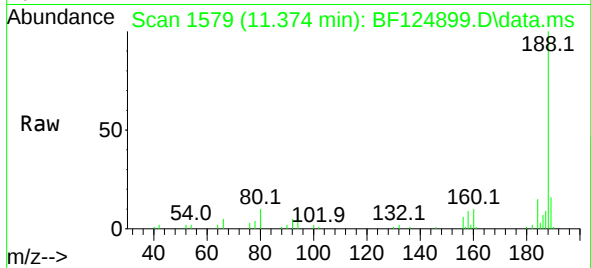




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124899.D
Acq: 2 Aug 2021 10:03

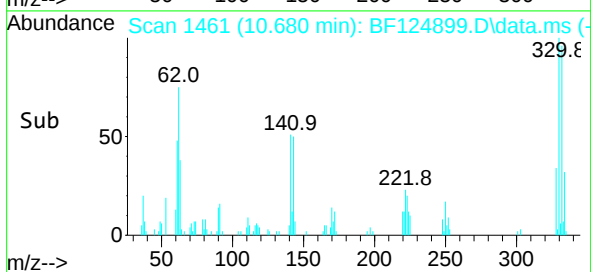
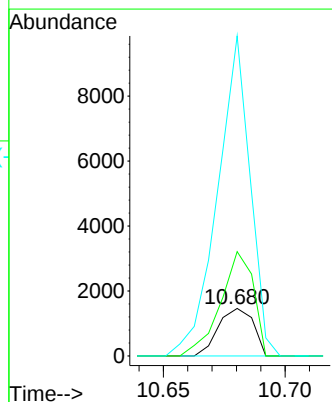
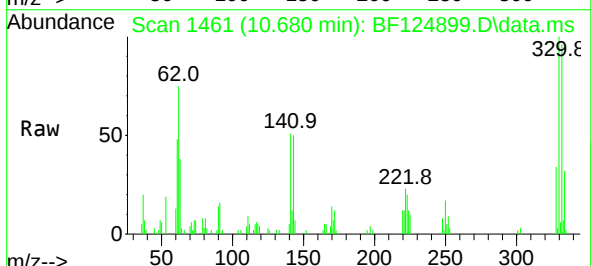
Instrument :
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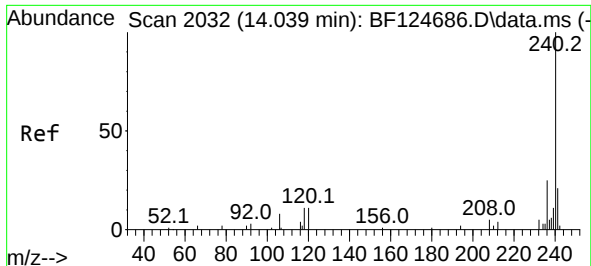
Tgt Ion:188 Resp: 30950
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 10.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.445 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF124899.D
Acq: 2 Aug 2021 10:03

Tgt Ion:248 Resp: 1459
Ion Ratio Lower Upper
248 100
250 219.6 74.2 111.4#
141 674.0 60.4 90.6#

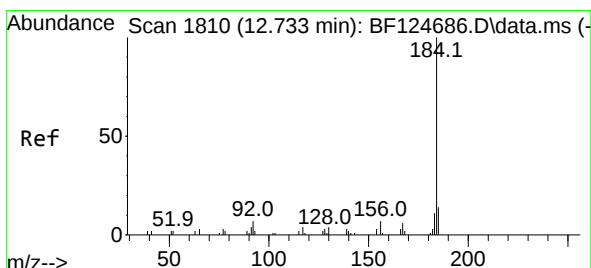
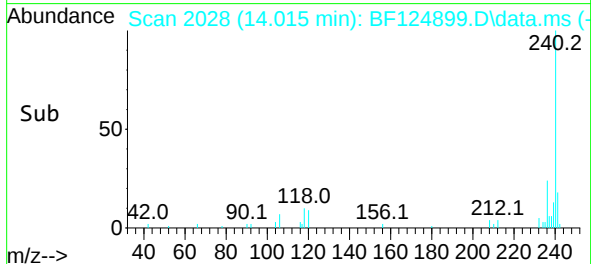
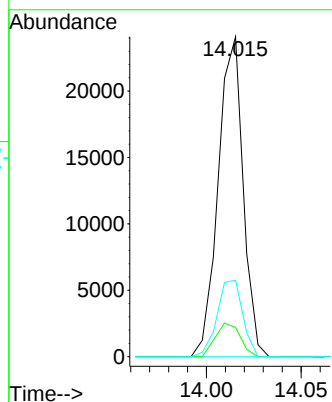
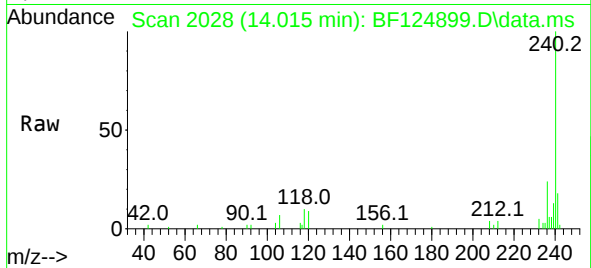




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124899.D
Acq: 2 Aug 2021 10:03

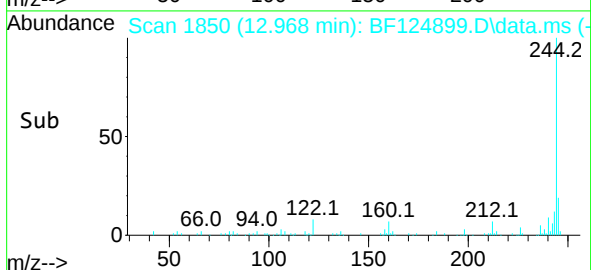
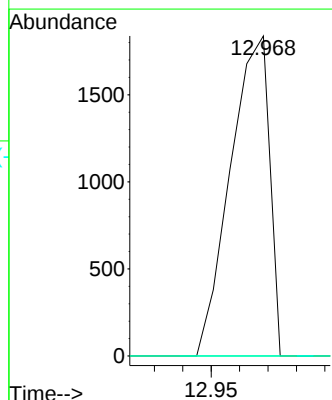
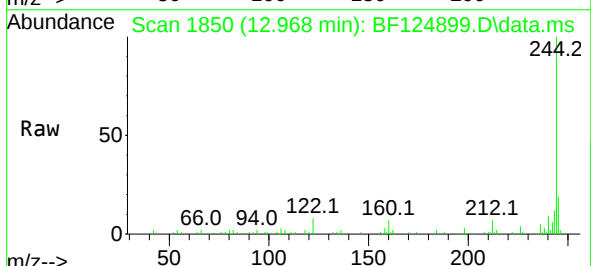
Instrument :
BNA_F
ClientSampleId :
PB138063TB

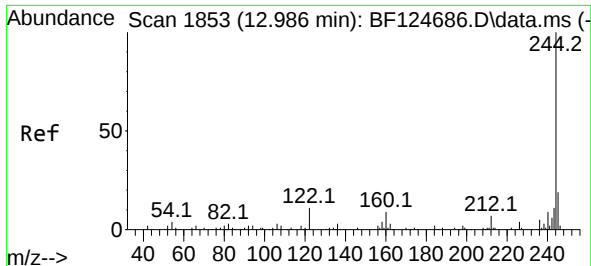
Tgt Ion:240 Resp: 22017
Ion Ratio Lower Upper
240 100
120 9.1 10.8 16.2#
236 23.9 21.6 32.4



#77
Benzidine
Concen: 2.825 ng
RT: 12.968 min Scan# 1850
Delta R.T. 0.259 min
Lab File: BF124899.D
Acq: 2 Aug 2021 10:03

Tgt Ion:184 Resp: 1754
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

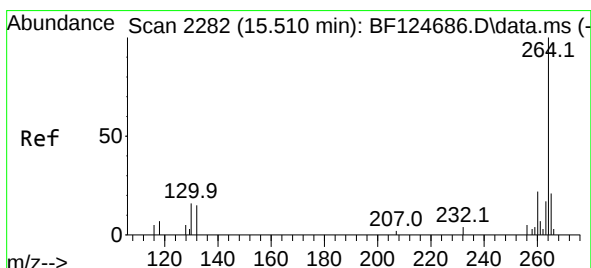
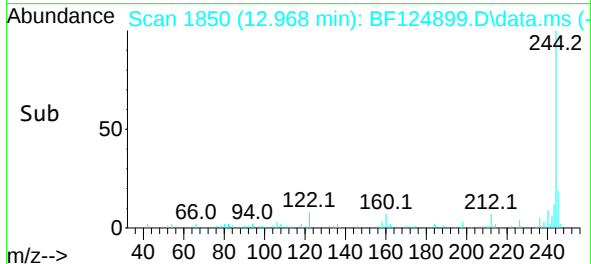
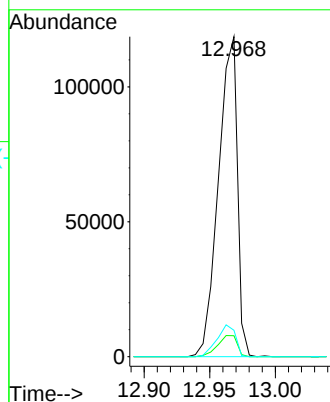
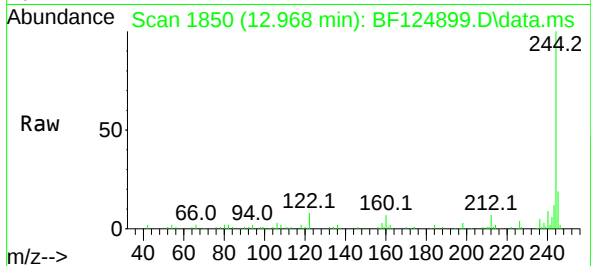




#79
Terphenyl-d14
Concen: 92.438 ng
RT: 12.968 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BF124899.D
Acq: 2 Aug 2021 10:03

Instrument :
BNA_F
ClientSampleId :
PB138063TB

Tgt Ion:244 Resp: 118730
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.3 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BF124899.D
Acq: 2 Aug 2021 10:03

Tgt Ion:264 Resp: 17064
Ion Ratio Lower Upper
264 100
260 22.5 19.6 29.4
265 20.6 17.2 25.8

