

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061421\
 Data File : BF124301.D
 Acq On : 14 Jun 2021 12:04
 Operator : JU/CG
 Sample : PB137074BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137074BL

Quant Time: Jun 14 12:57:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 14 12:10:02 2021
 Response via : Initial Calibration

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

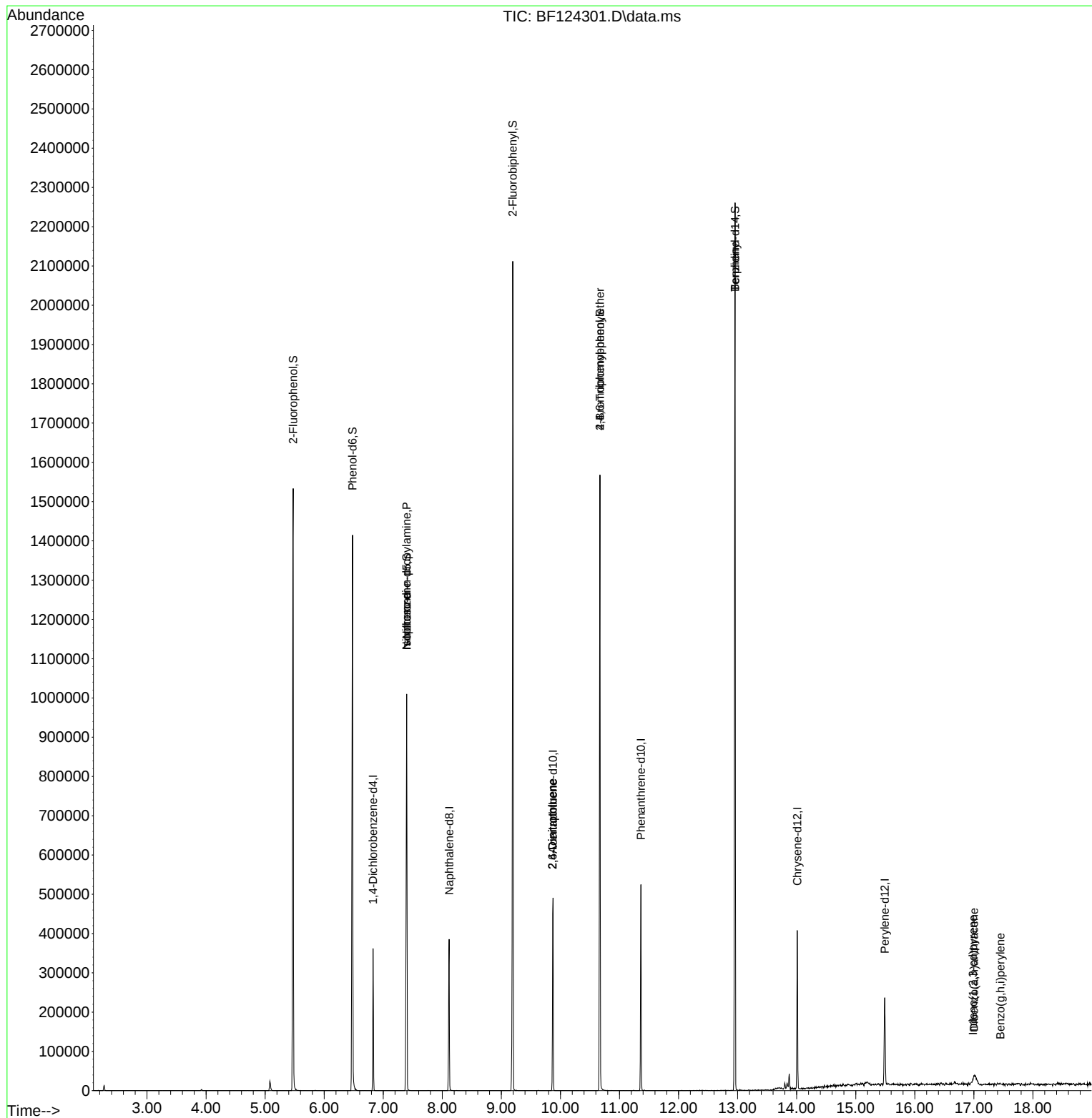
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	42274	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	159964	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	93619	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	170651	20.000	ng	0.00
76) Chrysene-d12	14.009	240	120756	20.000	ng	0.00
86) Perylene-d12	15.492	264	91678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	356552	126.965	ng	0.02
7) Phenol-d6	6.481	99	429502	113.783	ng	0.00
23) Nitrobenzene-d5	7.398	82	330098	81.844	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	160080	120.692	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	629870	84.663	ng	0.00
79) Terphenyl-d14	12.957	244	705344	80.195	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	49691	18.648	ng	# 62
25) Isophorone	7.398	82	322998	44.441	ng	# 69
51) 2,6-Dinitrotoluene	9.869	165	11916	6.710	ng	# 11
57) 2,4-Dinitrotoluene	9.869	165	11916	5.088	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	10087	4.306	ng	# 1
77) Benzidine	12.957	184	12056	7.982	ng	96
87) Indeno(1,2,3-cd)pyrene	16.986	276	444	4.388	ng	# 53
91) Dibenzo(a,h)anthracene	17.003	278	138	4.194	ng	# 57
92) Benzo(g,h,i)perylene	17.450	276	150	3.829	ng	# 56

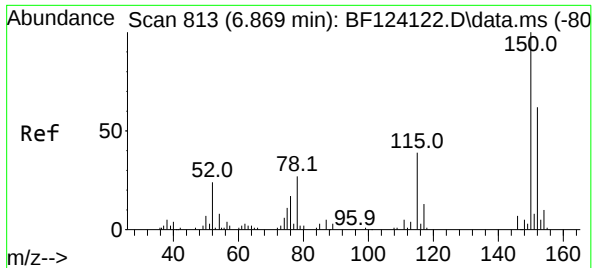
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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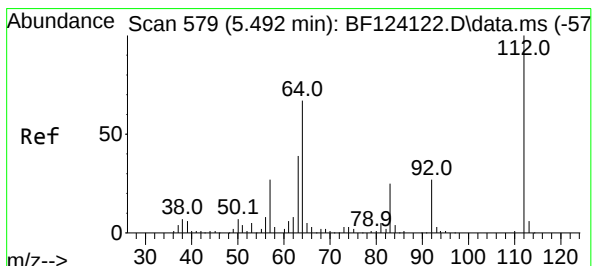
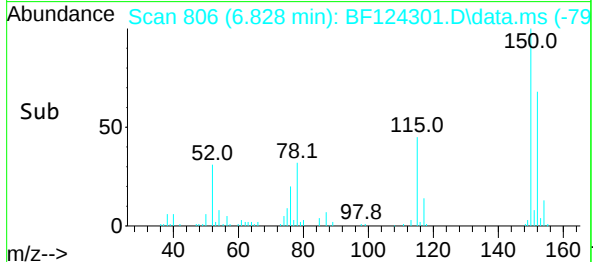
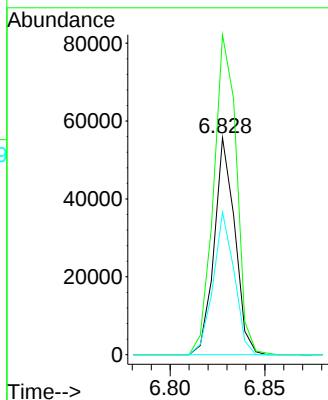
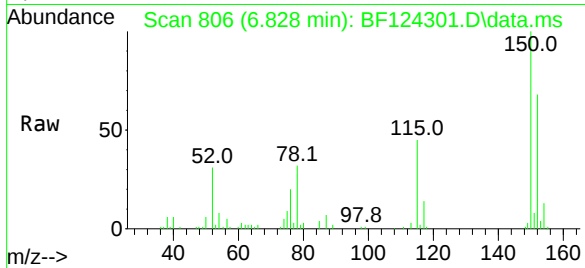




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF124301.D
Acq: 14 Jun 2021 12:04

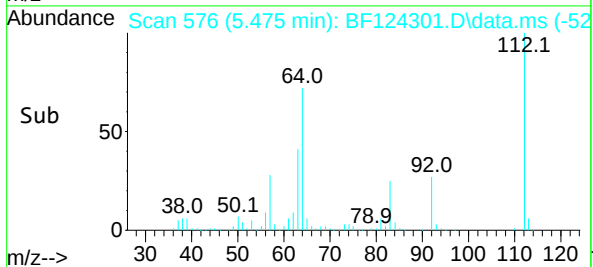
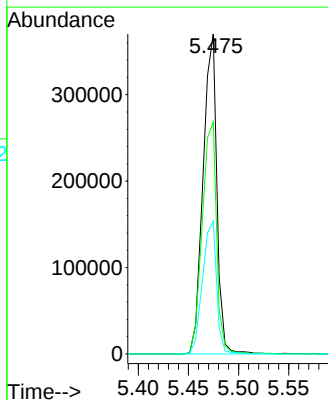
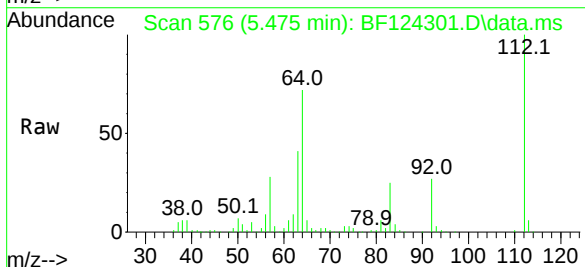
Instrument :
BNA_F
ClientSampleId :
PB137074BL

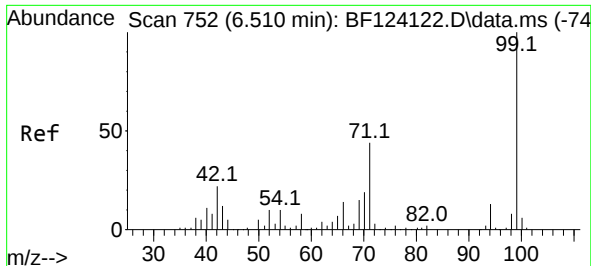
Tgt Ion:152 Resp: 42274
Ion Ratio Lower Upper
152 100
150 147.5 127.0 190.6
115 65.7 54.3 81.5



#5
2-Fluorophenol
Concen: 126.965 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.018 min
Lab File: BF124301.D
Acq: 14 Jun 2021 12:04

Tgt Ion:112 Resp: 356552
Ion Ratio Lower Upper
112 100
64 72.4 61.4 92.0
63 41.5 33.0 49.4

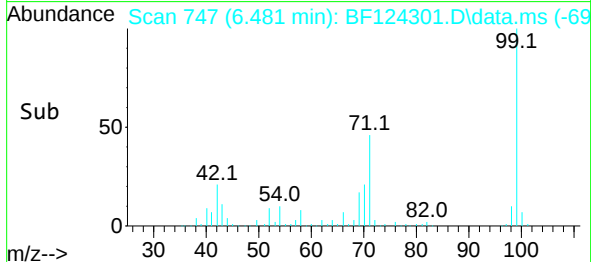
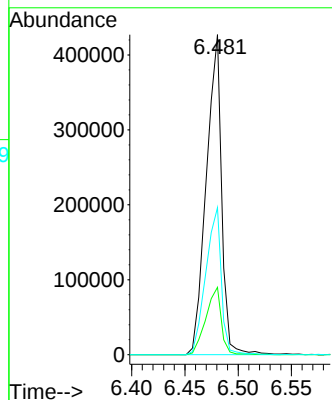
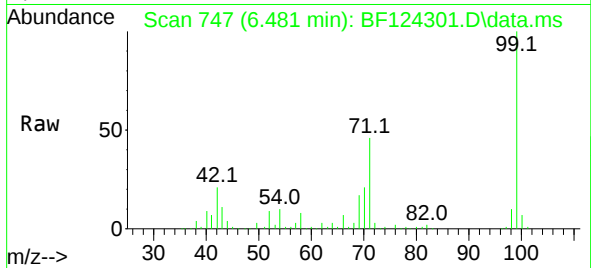




#7
Phenol-d6
Concen: 113.783 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF124301.D
Acq: 14 Jun 2021 12:04

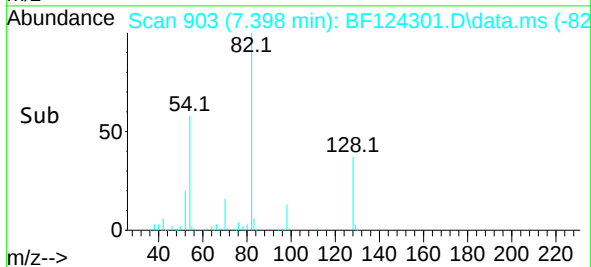
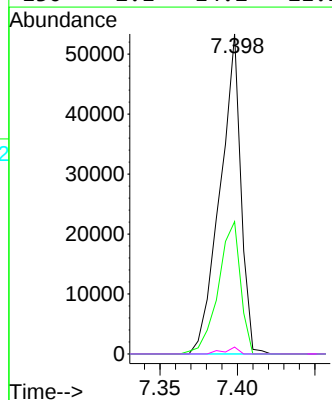
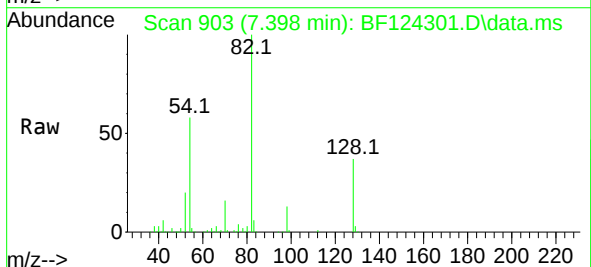
Instrument :
BNA_F
ClientSampleId :
PB137074BL

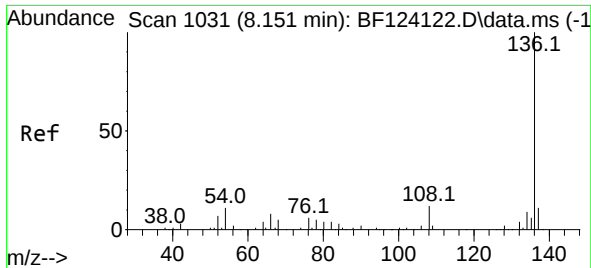
Tgt Ion: 99 Resp: 429502
Ion Ratio Lower Upper
99 100
42 21.1 19.8 29.8
71 46.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.648 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF124301.D
Acq: 14 Jun 2021 12:04

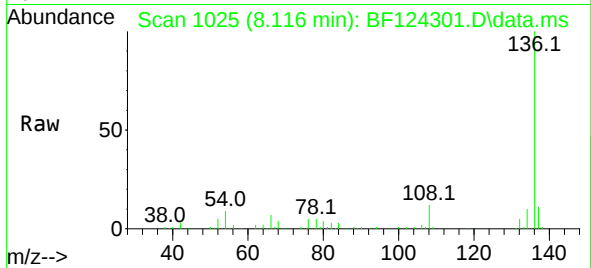
Tgt Ion: 70 Resp: 49691
Ion Ratio Lower Upper
70 100
42 41.4 60.1 90.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.2#



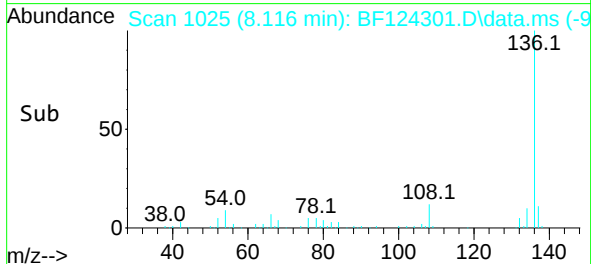
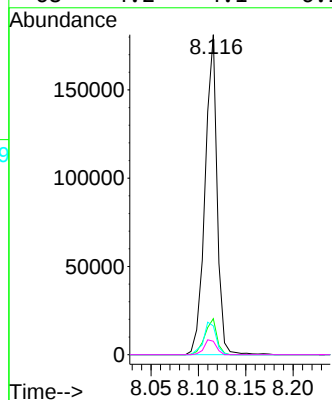


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF124301.D
Acq: 14 Jun 2021 12:04

Instrument :
BNA_F
ClientSampleId :
PB137074BL

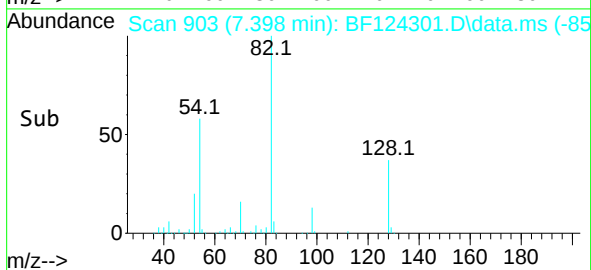
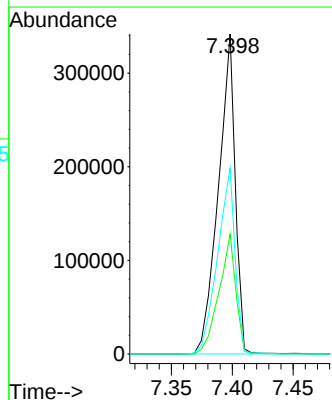
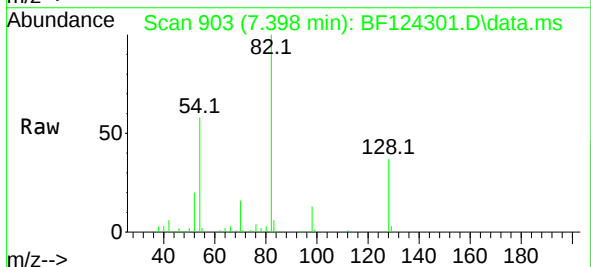


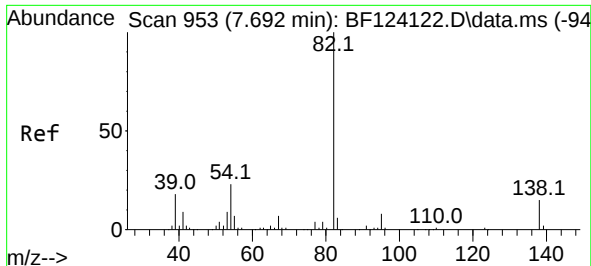
Tgt Ion:	136	Resp:	159964
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.7	13.1
54	9.0	9.8	14.6#
68	4.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 81.844 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF124301.D
Acq: 14 Jun 2021 12:04

Tgt Ion:	82	Resp:	330098
Ion Ratio	Lower	Upper	
82	100		
128	37.4	29.4	44.2
54	58.2	54.1	81.1

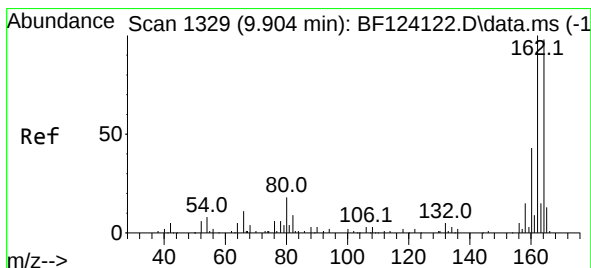
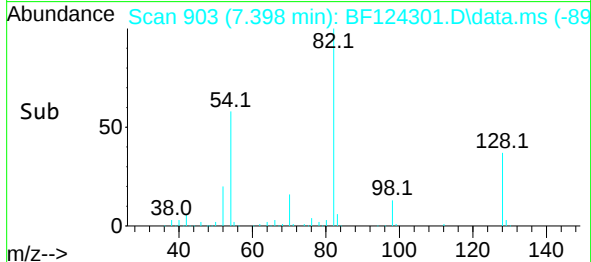
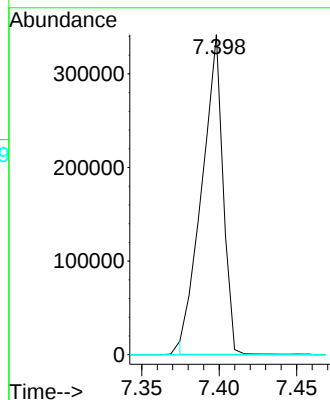
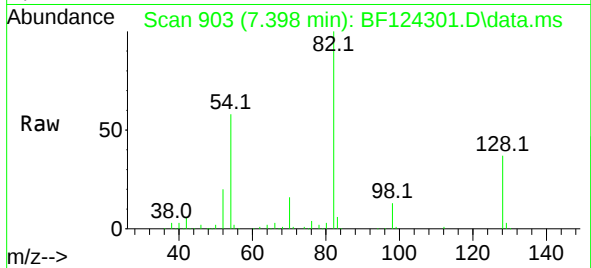




#25
Isophorone
Concen: 44.441 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.265 min
Lab File: BF124301.D
Acq: 14 Jun 2021 12:04

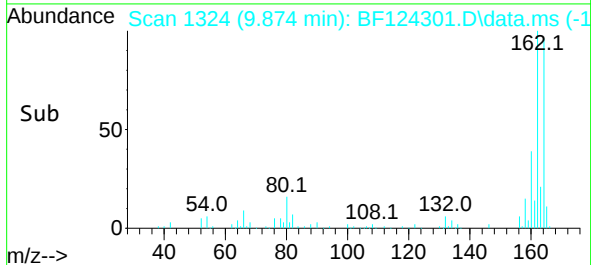
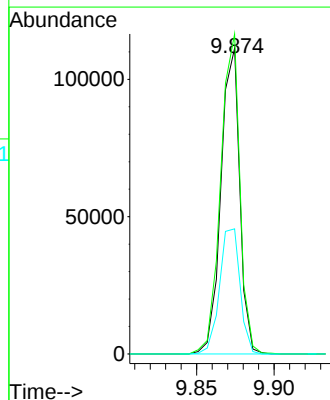
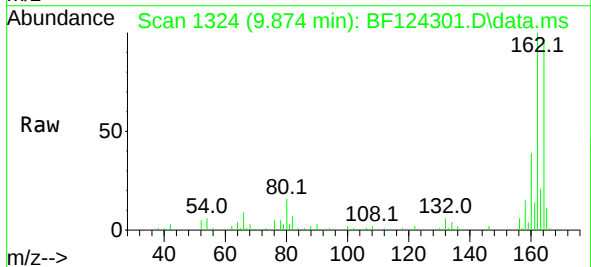
Instrument :
BNA_F
ClientSampleId :
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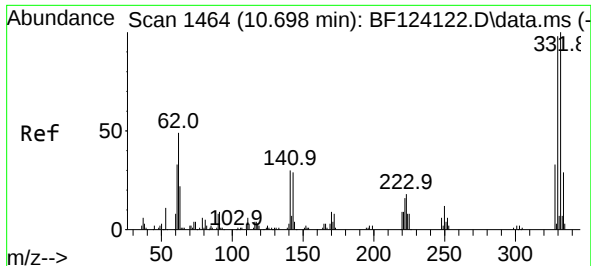
Tgt Ion: 82 Resp: 322998
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF124301.D
Acq: 14 Jun 2021 12:04

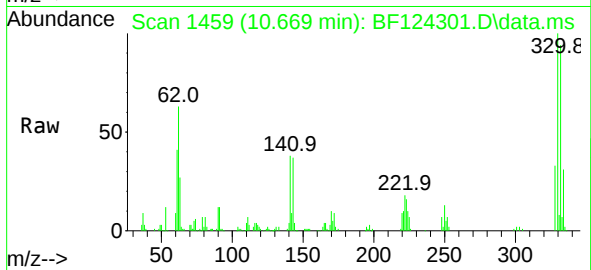
Tgt Ion:164 Resp: 93619
Ion Ratio Lower Upper
164 100
162 104.6 80.7 121.1
160 40.9 37.3 55.9



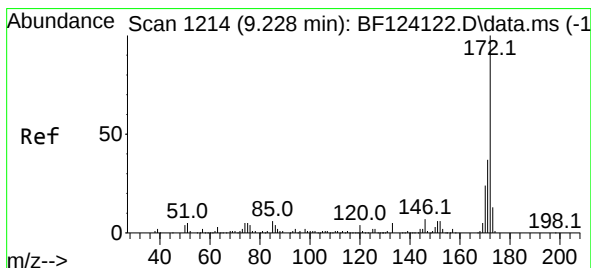
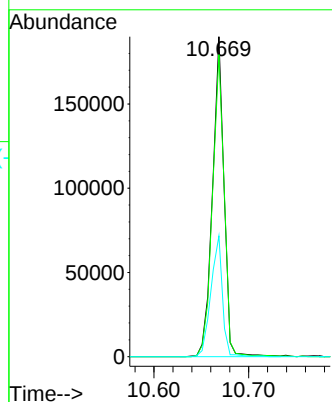
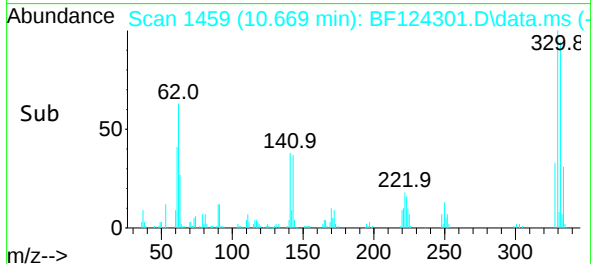


#42
2,4,6-Tribromophenol
Concen: 120.692 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF124301.D
Acq: 14 Jun 2021 12:04

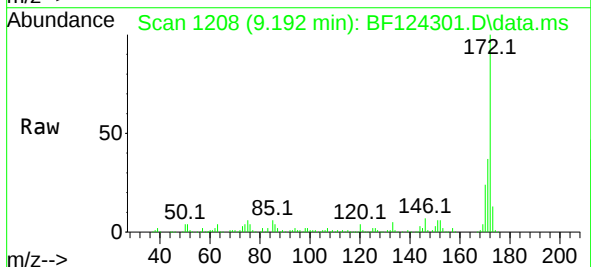
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BNA_F
ClientSampleID :
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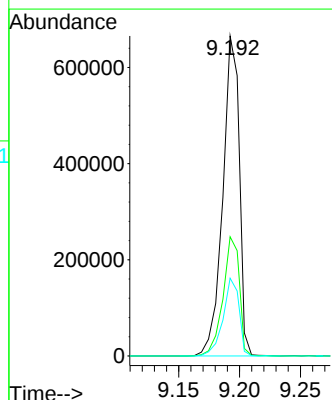
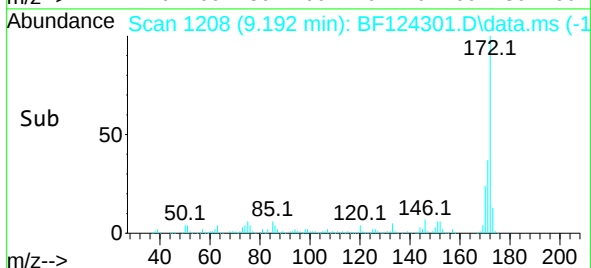
Tgt Ion:330 Resp: 160080
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 37.7 27.9 41.9

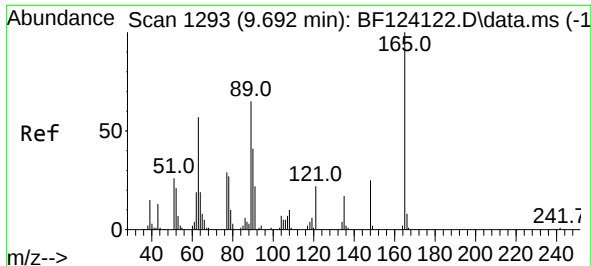


#45
2-Fluorobiphenyl
Concen: 84.663 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF124301.D
Acq: 14 Jun 2021 12:04



Tgt Ion:172 Resp: 629870
Ion Ratio Lower Upper
172 100
171 37.2 28.1 42.1
170 24.3 19.2 28.8

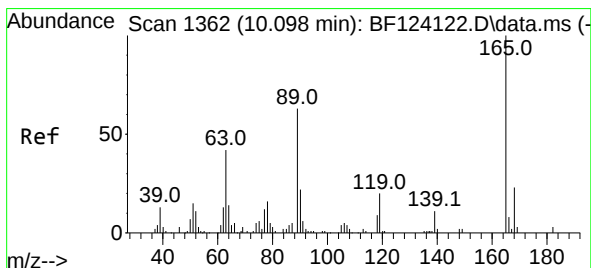
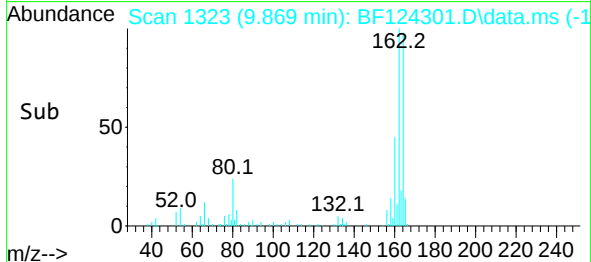
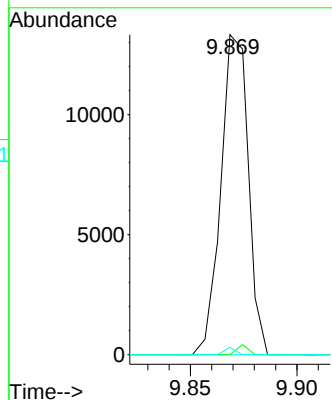
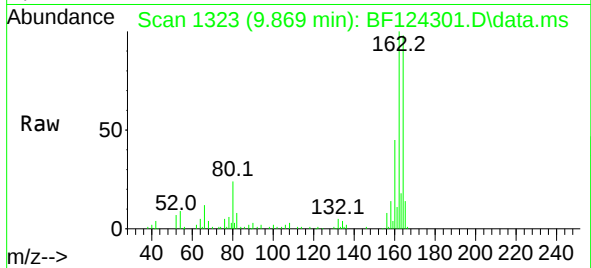




#51
2,6-Dinitrotoluene
Concen: 6.710 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.200 min
Lab File: BF124301.D
Acq: 14 Jun 2021 12:04

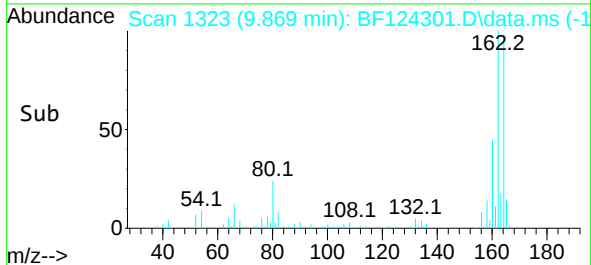
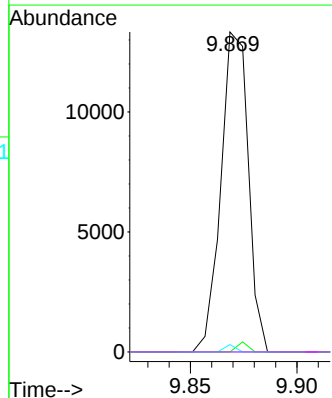
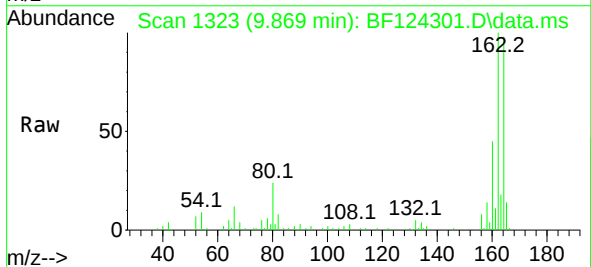
Instrument :
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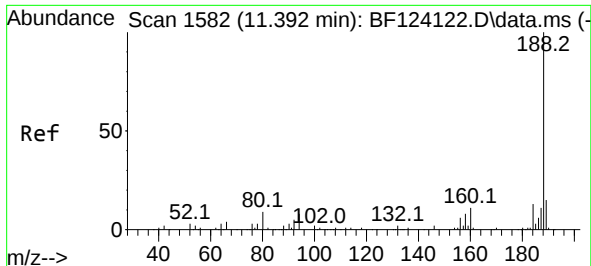
Tgt Ion:165 Resp: 11916
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 2.3 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.088 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.206 min
Lab File: BF124301.D
Acq: 14 Jun 2021 12:04

Tgt Ion:165 Resp: 11916
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 2.3 67.7 101.5#
182 0.0 2.1 3.1#

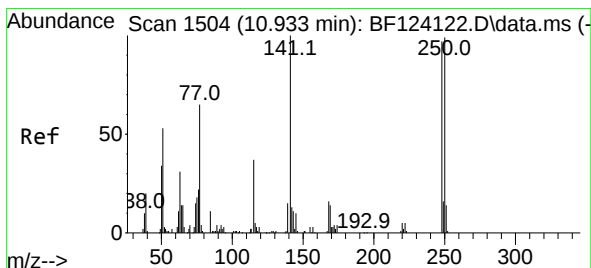
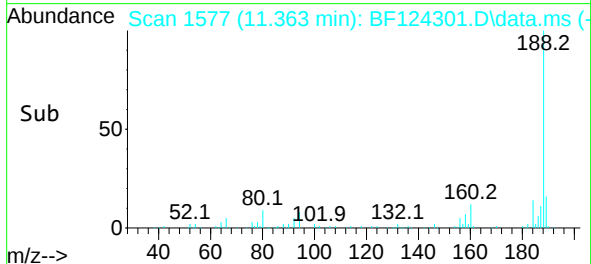
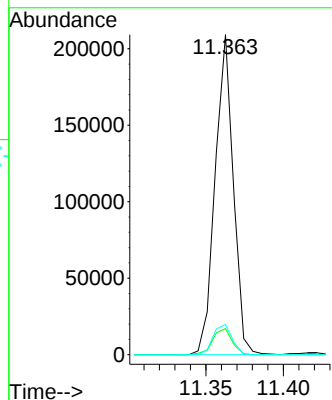
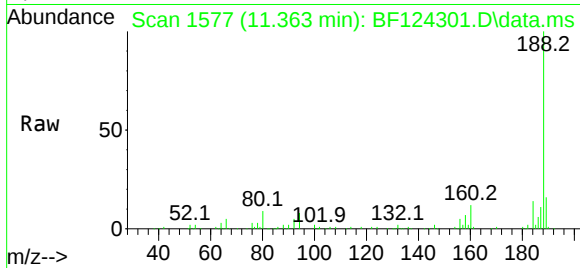




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF124301.D
Acq: 14 Jun 2021 12:04

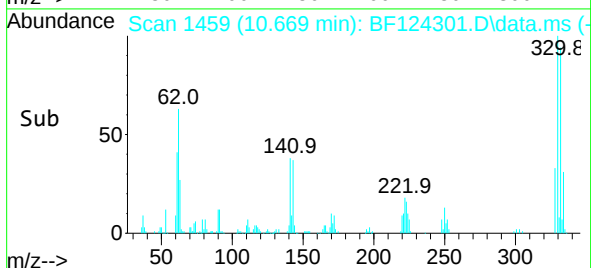
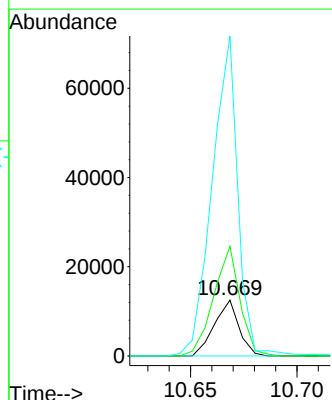
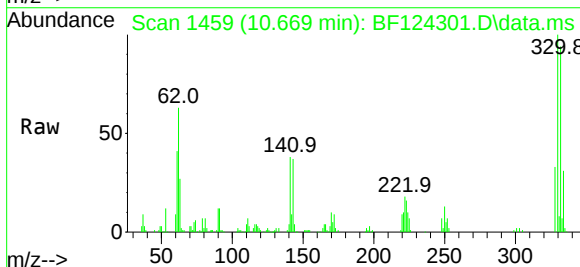
Instrument :
BNA_F
ClientSampleId :
PB137074BL

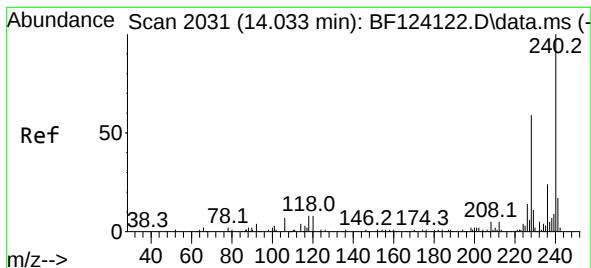
Tgt Ion:188 Resp: 170651
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.5 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.306 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.235 min
Lab File: BF124301.D
Acq: 14 Jun 2021 12:04

Tgt Ion:248 Resp: 10087
Ion Ratio Lower Upper
248 100
250 196.2 77.4 116.2#
141 572.9 63.7 95.5#

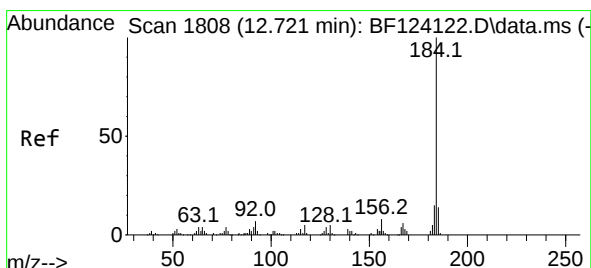
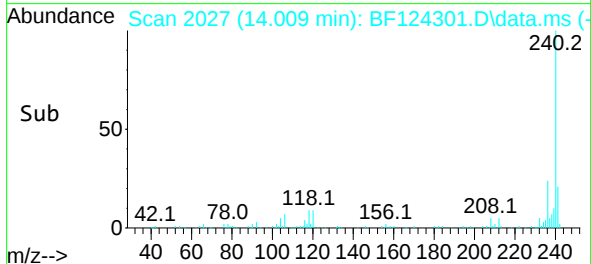
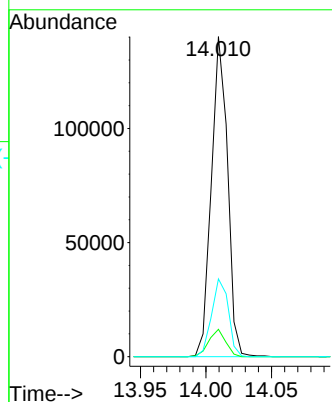
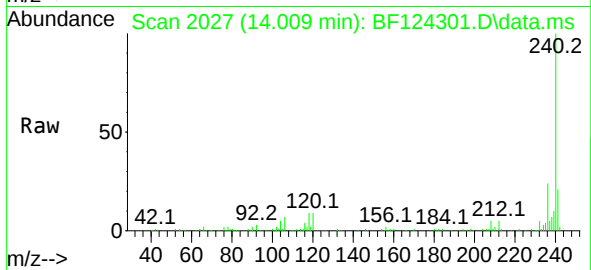




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF124301.D
Acq: 14 Jun 2021 12:04

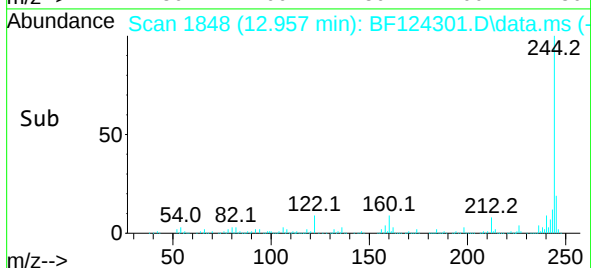
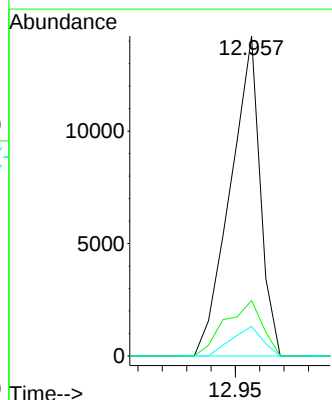
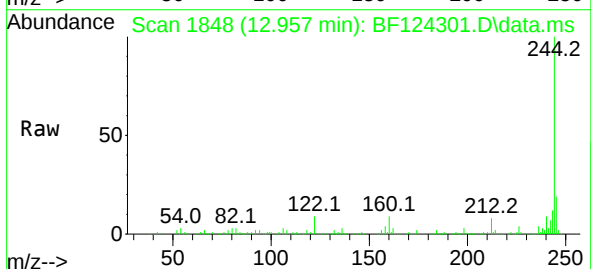
Instrument :
BNA_F
ClientSampleId :
PB137074BL

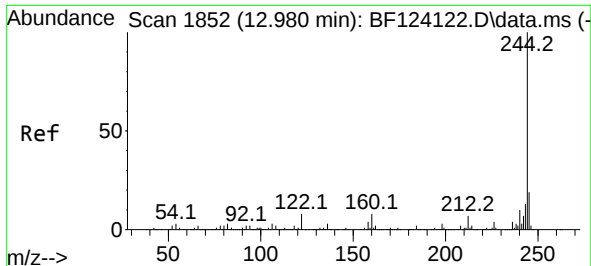
Tgt Ion:240 Resp: 120756
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 24.3 19.0 28.4



#77
Benzidine
Concen: 7.982 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.253 min
Lab File: BF124301.D
Acq: 14 Jun 2021 12:04

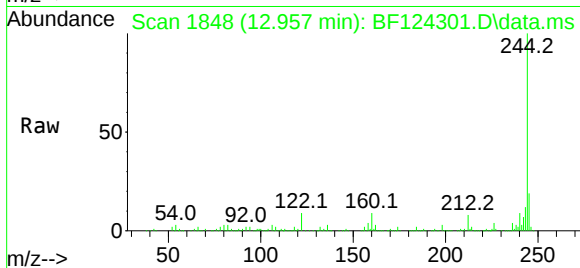
Tgt Ion:184 Resp: 12056
Ion Ratio Lower Upper
184 100
185 17.3 12.1 18.1
183 9.2 7.8 11.8



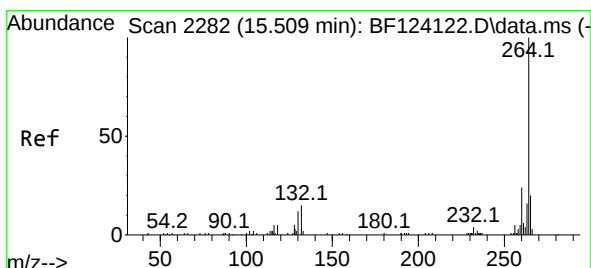
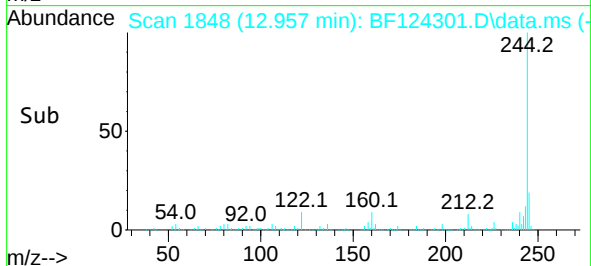
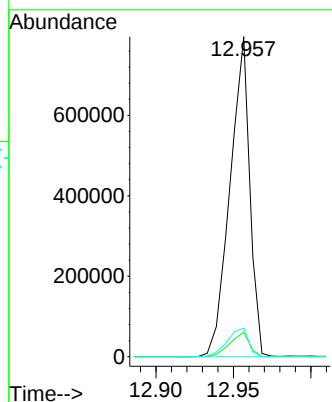


#79
Terphenyl-d14
Concen: 80.195 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BF124301.D
Acq: 14 Jun 2021 12:04

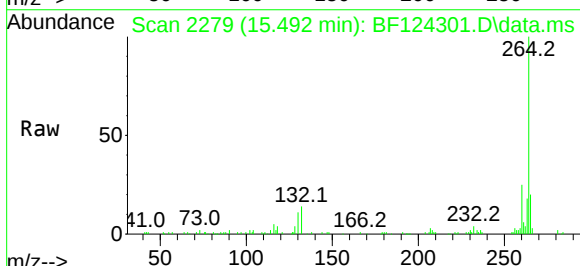
Instrument :
BNA_F
ClientSampleId :
PB137074BL



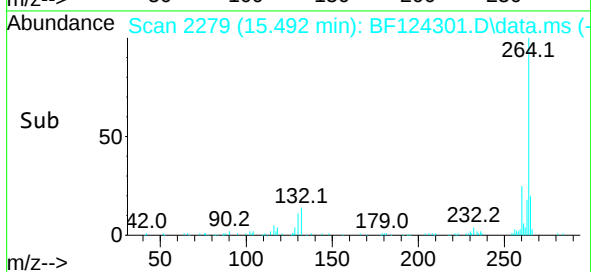
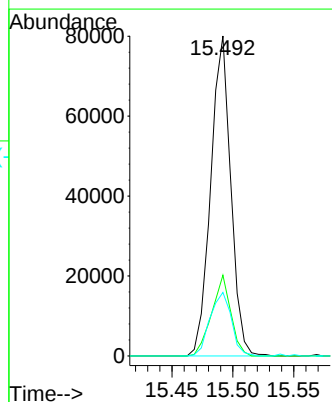
Tgt Ion:244 Resp: 705344
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 8.9 9.7 14.5#

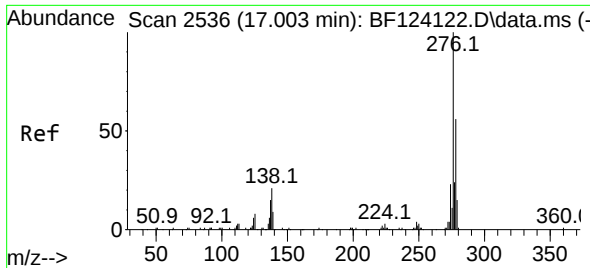


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF124301.D
Acq: 14 Jun 2021 12:04



Tgt Ion:264 Resp: 91678
Ion Ratio Lower Upper
264 100
260 25.2 18.7 28.1
265 19.9 17.8 26.8

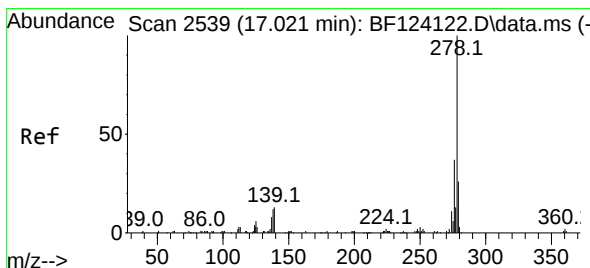
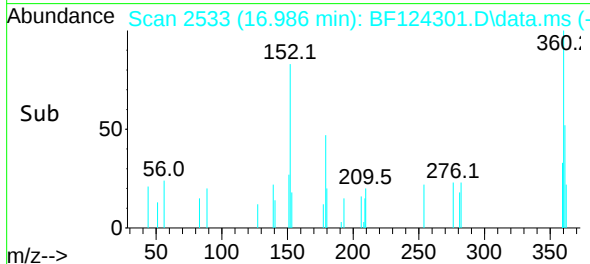
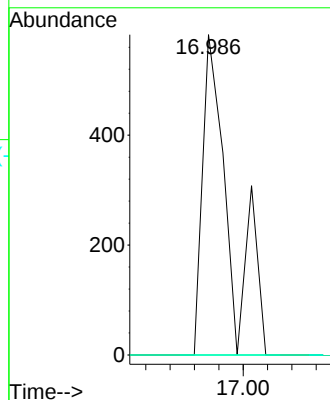
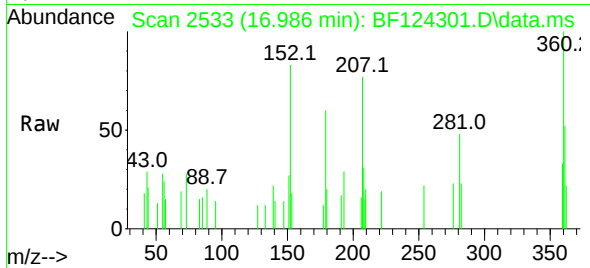




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.388 ng
 RT: 16.986 min Scan# 2533
 Delta R.T. -0.000 min
 Lab File: BF124301.D
 Acq: 14 Jun 2021 12:04

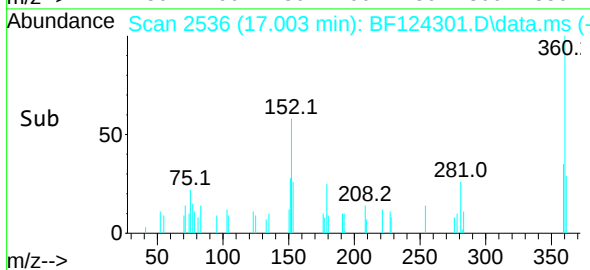
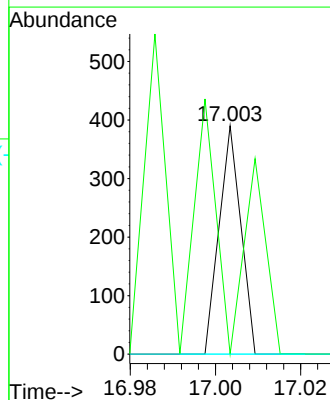
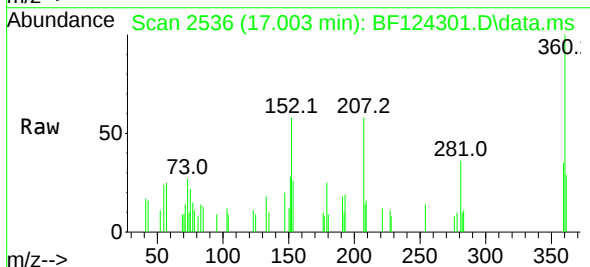
Instrument :
 BNA_F
 ClientSampleId :
 PB137074BL

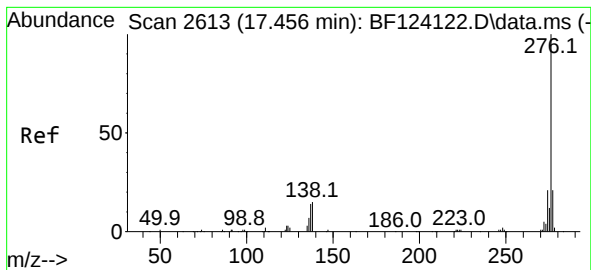
Tgt Ion:	276	Resp:	444
Ion Ratio	Lower	Upper	
276	100		
138	0.0	16.2	24.2#
277	0.0	20.1	30.1#



#91
 Dibenzo(a,h)anthracene
 Concen: 4.194 ng
 RT: 17.003 min Scan# 2536
 Delta R.T. 0.006 min
 Lab File: BF124301.D
 Acq: 14 Jun 2021 12:04

Tgt Ion:	278	Resp:	138
Ion Ratio	Lower	Upper	
278	100		
139	0.0	10.2	15.2#
279	0.0	19.4	29.0#





#92
 Benzo(g,h,i)perylene
 Concen: 3.829 ng
 RT: 17.450 min Scan# 2612
 Delta R.T. 0.012 min
 Lab File: BF124301.D
 Acq: 14 Jun 2021 12:04

Instrument :
 BNA_F
 ClientSampleId :
 PB137074BL

Tgt Ion: 276 Resp: 150
 Ion Ratio Lower Upper
 276 100
 277 0.0 18.2 27.2#
 138 0.0 13.8 20.6#

