

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
 Data File : BF124159.D
 Acq On : 7 Jun 2021 16:18
 Operator : JU/CG
 Sample : M2583-22DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 54-57DL

Quant Time: Jun 07 16:39:41 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 07 13:32:21 2021
 Response via : Initial Calibration

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

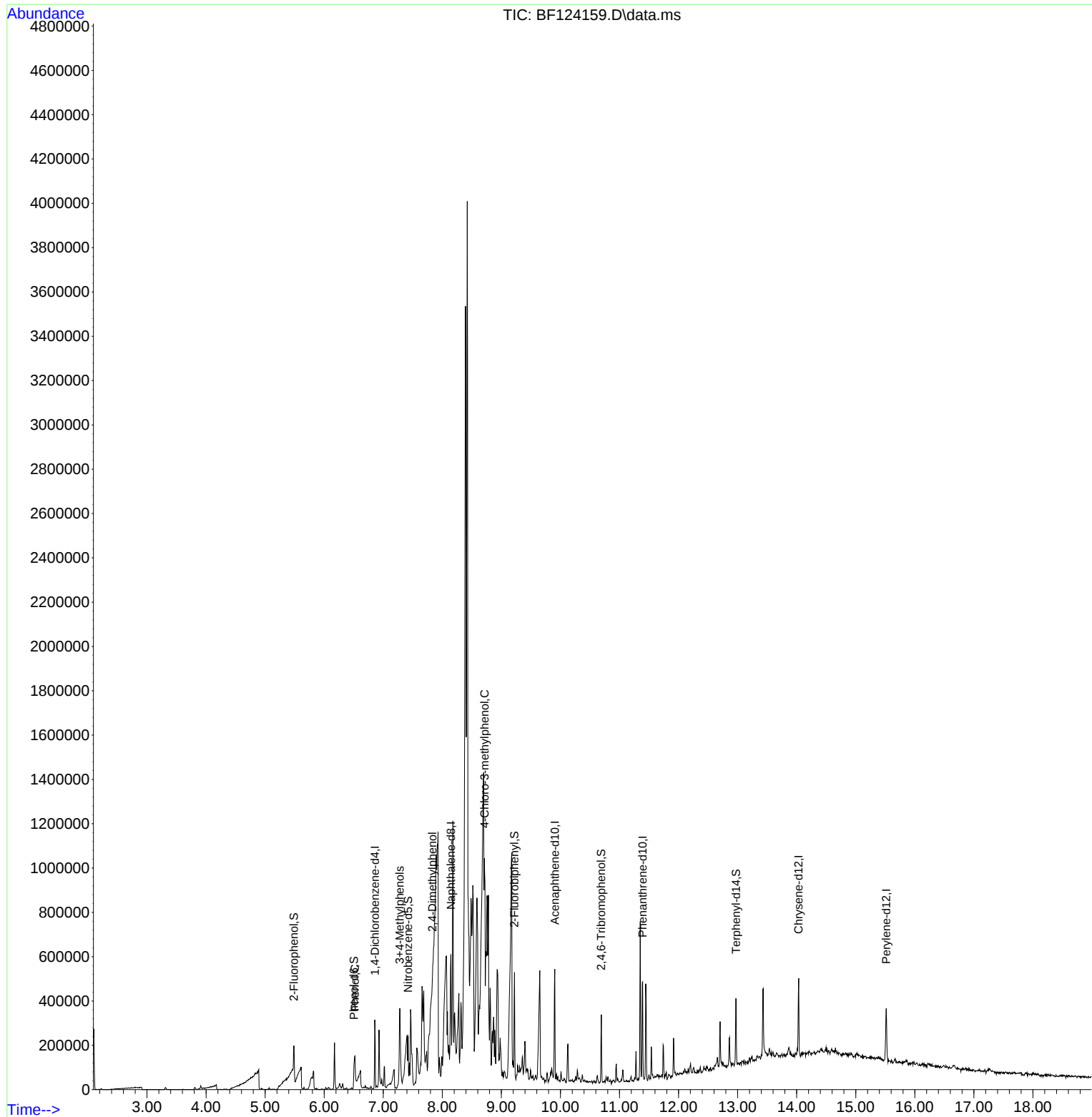
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	38406	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	151477	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	89326	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	152278	20.000	ng	0.00
76) Chrysene-d12	14.033	240	99321	20.000	ng	0.00
86) Perylene-d12	15.515	264	92802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	37679	14.768	ng	0.00
7) Phenol-d6	6.504	99	29305	8.545	ng	0.00
23) Nitrobenzene-d5	7.422	82	63360	16.590	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	27557	21.775	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	116086	16.353	ng	0.00
79) Terphenyl-d14	12.974	244	81327	11.242	ng	0.00
Target Compounds						
10) Phenol	6.522	94	31518	8.504	ng	Qvalue 91
20) 3+4-Methylphenols	7.281	107	115302	37.707	ng	# 66
27) 2,4-Dimethylphenol	7.833	122	5568	2.307	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	35469	11.609	ng	# 83

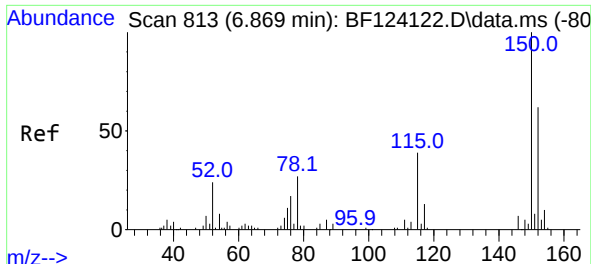
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 07 13:32:21 2021
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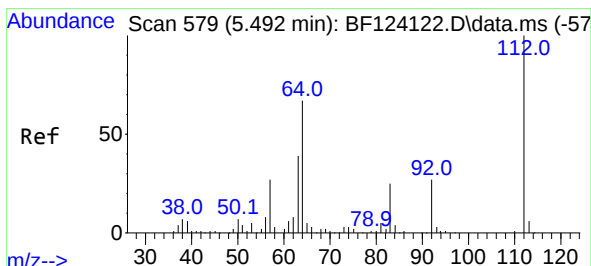
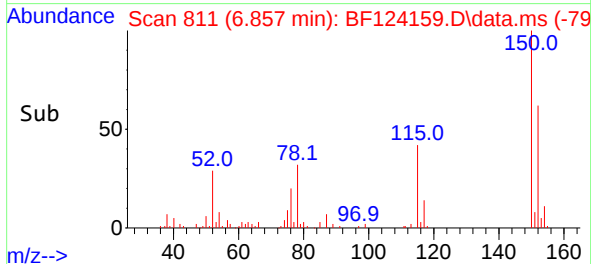
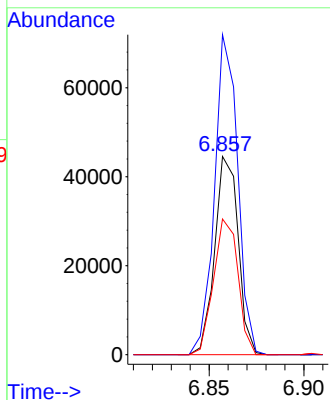
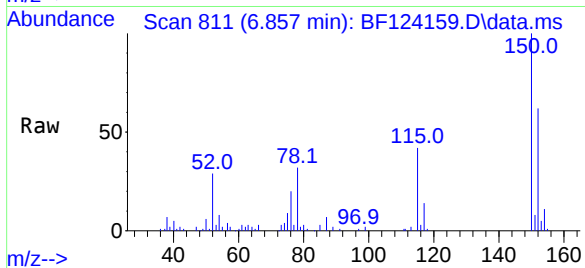




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF124159.D
Acq: 7 Jun 2021 16:18

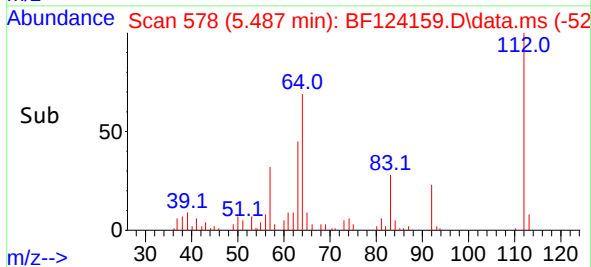
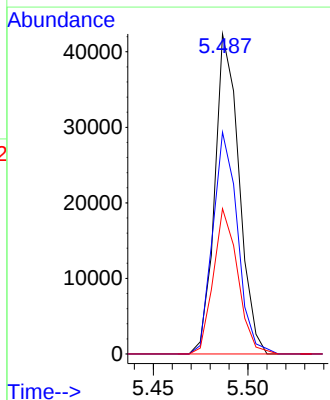
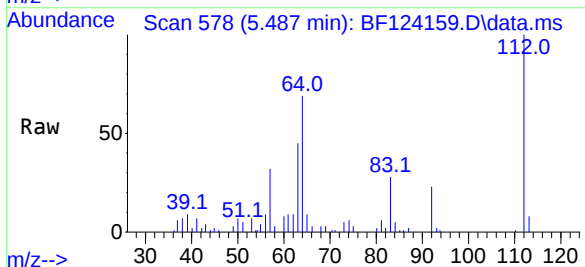
Instrument :
BNA_F
ClientSampleID :
54-57DL

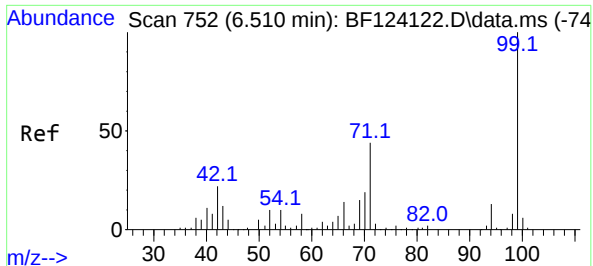
Tgt Ion:152 Resp: 38406
Ion Ratio Lower Upper
152 100
150 161.4 127.0 190.6
115 68.4 54.3 81.5



#5
2-Fluorophenol
Concen: 14.768 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF124159.D
Acq: 7 Jun 2021 16:18

Tgt Ion:112 Resp: 37679
Ion Ratio Lower Upper
112 100
64 69.3 61.4 92.0
63 45.4 33.0 49.4

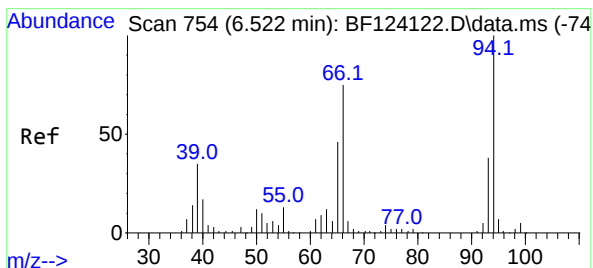
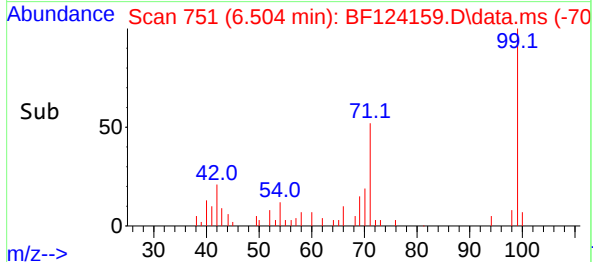
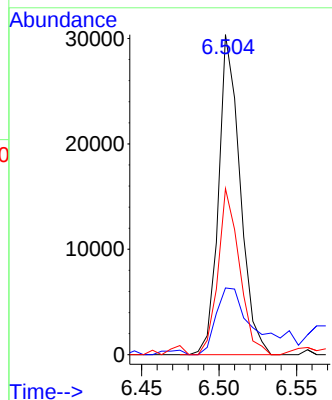
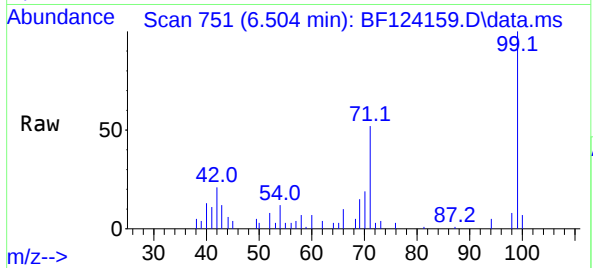




#7
Phenol-d6
Concen: 8.545 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF124159.D
Acq: 7 Jun 2021 16:18

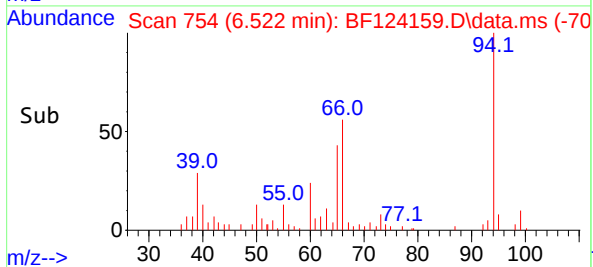
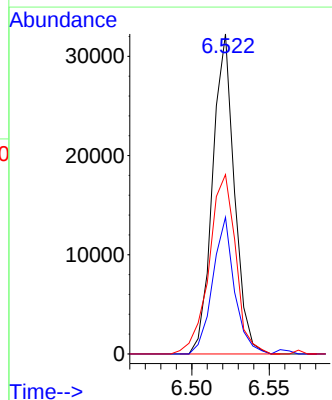
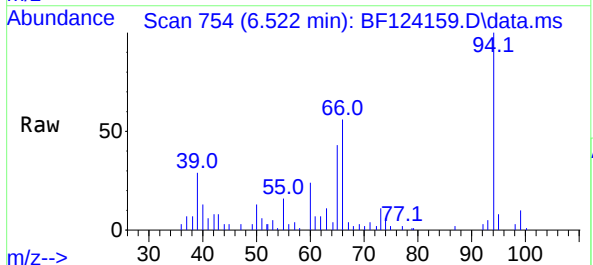
Instrument :
BNA_F
ClientSampleID :
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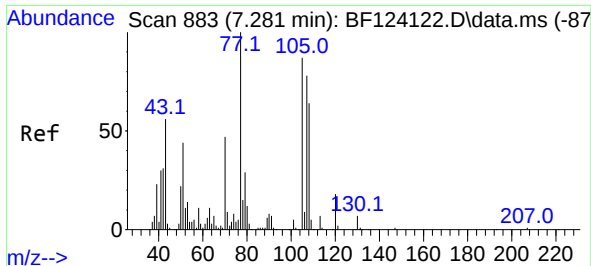
Tgt Ion: 99 Resp: 29305
Ion Ratio Lower Upper
99 100
42 20.9 19.8 29.8
71 51.9 31.1 46.7#



#10
Phenol
Concen: 8.504 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF124159.D
Acq: 7 Jun 2021 16:18

Tgt Ion: 94 Resp: 31518
Ion Ratio Lower Upper
94 100
65 42.7 18.1 58.1
66 56.0 29.0 69.0

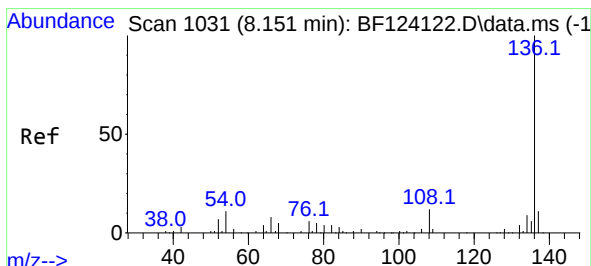
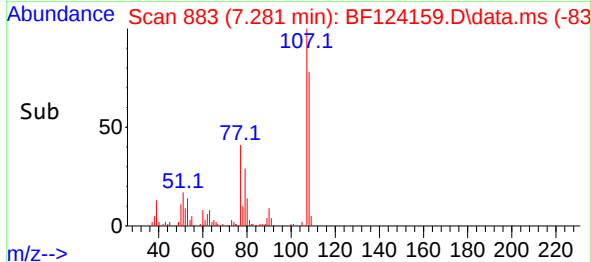
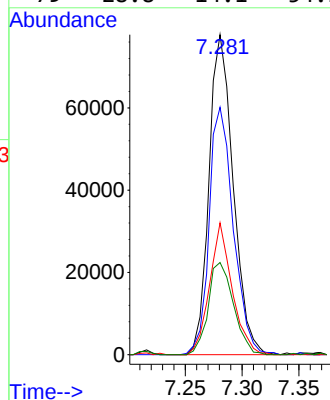
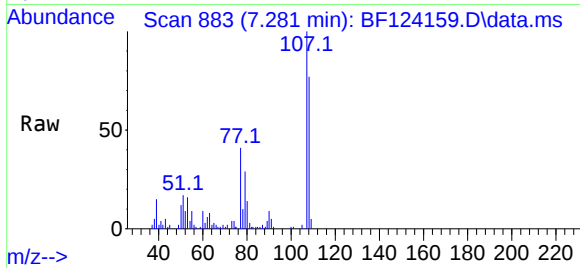




#20
3+4-Methylphenols
Concen: 37.707 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF124159.D
Acq: 7 Jun 2021 16:18

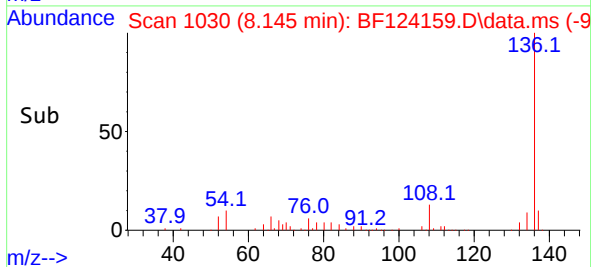
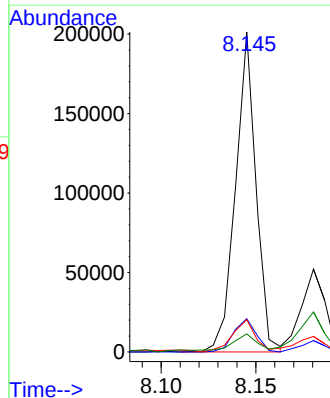
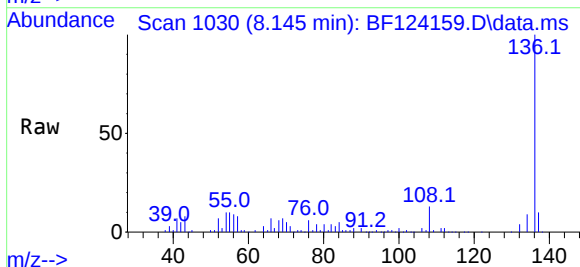
Instrument :
BNA_F
ClientSampleId :
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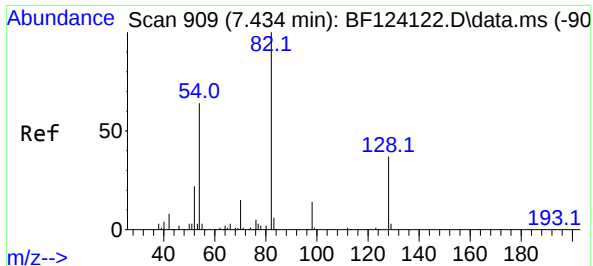
Tgt Ion:107 Resp: 115302
Ion Ratio Lower Upper
107 100
108 77.3 71.5 111.5
77 41.2 82.0 122.0#
79 28.8 14.1 54.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF124159.D
Acq: 7 Jun 2021 16:18

Tgt Ion:136 Resp: 151477
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 10.1 9.8 14.6
68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 16.590 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF124159.D

Acq: 7 Jun 2021 16:18

Instrument :

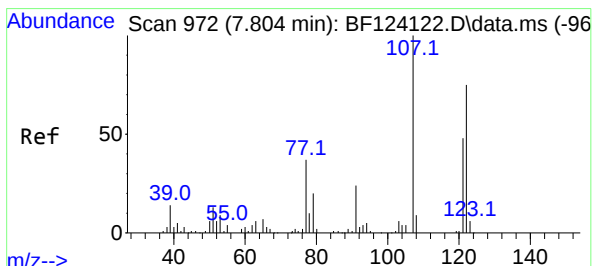
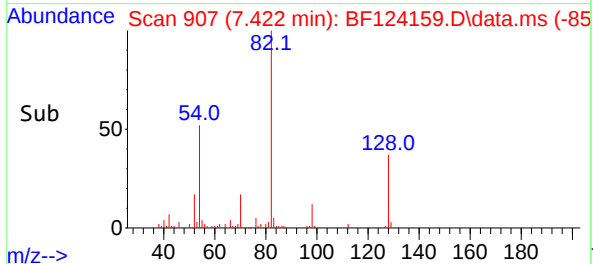
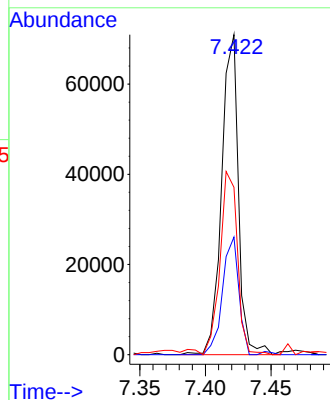
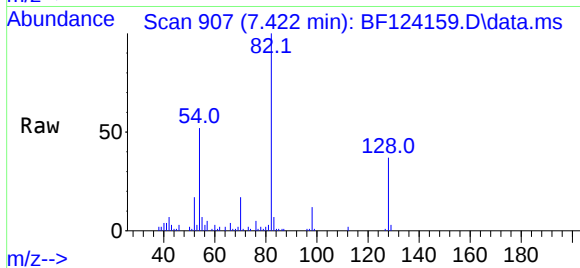
BNA_F

ClientSampleId :

54-57DL

Tgt Ion: 82 Resp: 63360

Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.4	44.2
54	52.3	54.1	81.1#



#27

2,4-Dimethylphenol

Concen: 2.307 ng

RT: 7.833 min Scan# 977

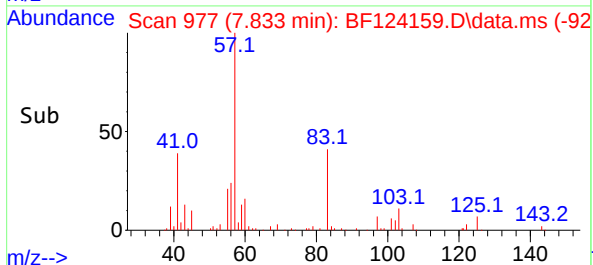
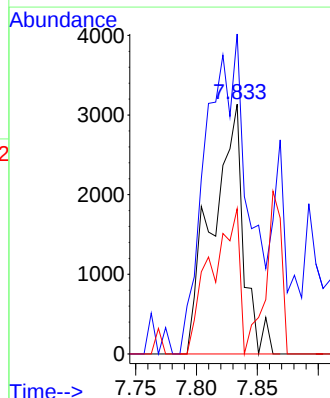
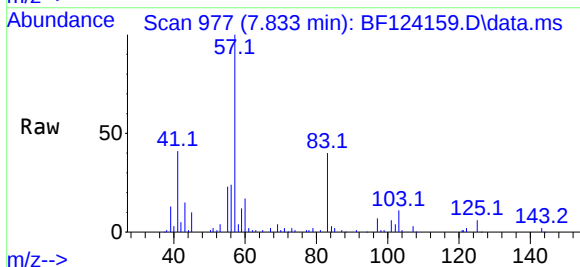
Delta R.T. 0.029 min

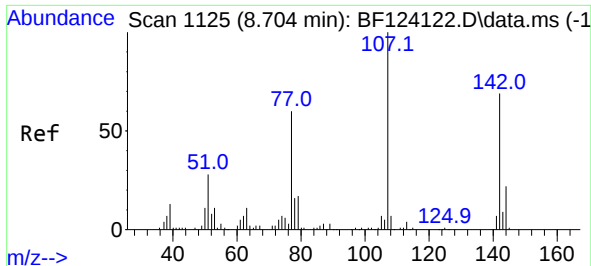
Lab File: BF124159.D

Acq: 7 Jun 2021 16:18

Tgt Ion: 122 Resp: 5568

Ion	Ratio	Lower	Upper
122	100		
107	128.1	106.3	159.5
121	58.1	45.4	68.0

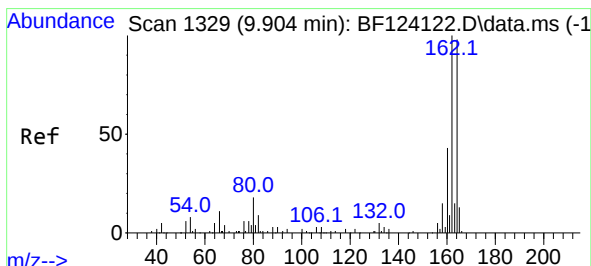
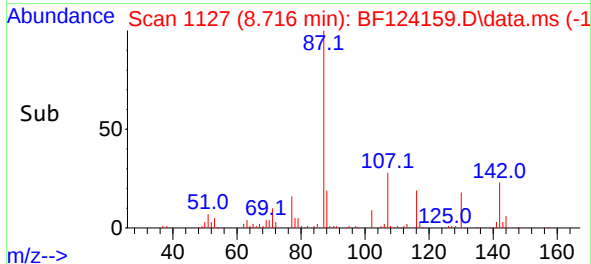
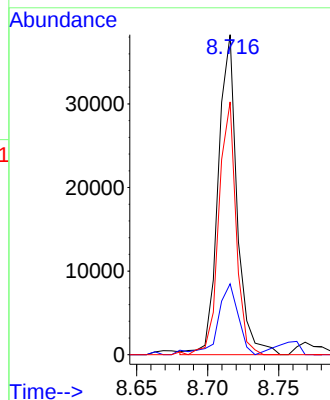
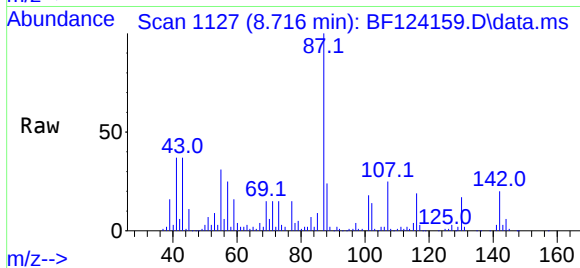




#36
4-Chloro-3-methylphenol
Concen: 11.609 ng
RT: 8.716 min Scan# 1127
Delta R.T. 0.012 min
Lab File: BF124159.D
Acq: 7 Jun 2021 16:18

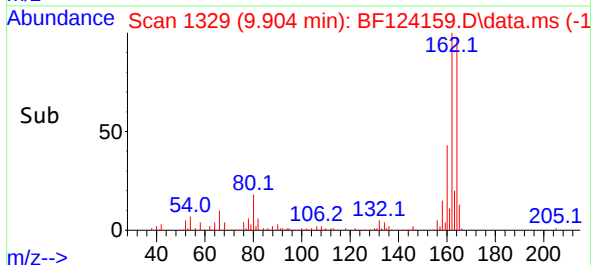
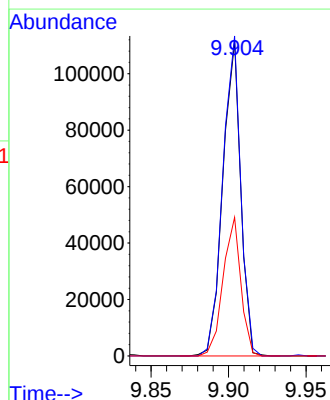
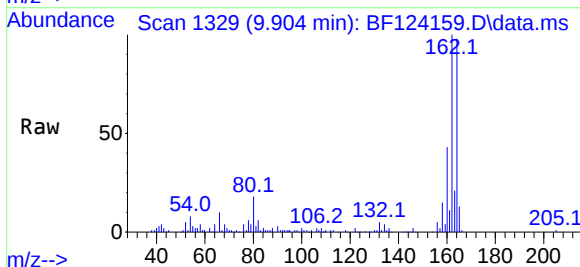
Instrument :
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ClientSampleId :
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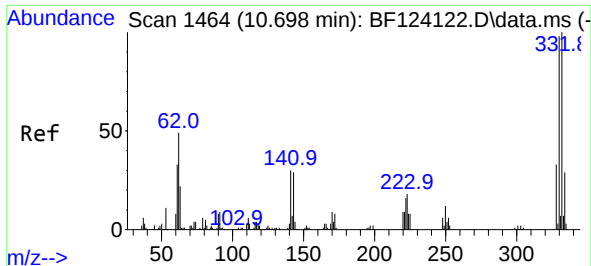
Tgt Ion:107 Resp: 35469
Ion Ratio Lower Upper
107 100
144 22.1 16.3 24.5
142 79.0 50.1 75.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF124159.D
Acq: 7 Jun 2021 16:18

Tgt Ion:164 Resp: 89326
Ion Ratio Lower Upper
164 100
162 101.7 80.7 121.1
160 44.0 37.3 55.9

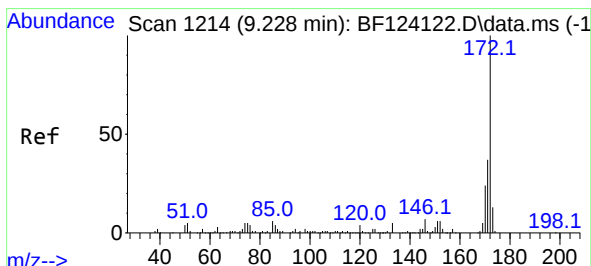
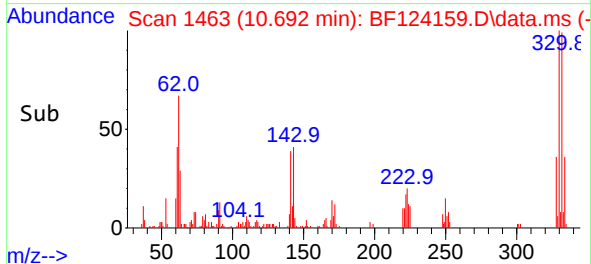
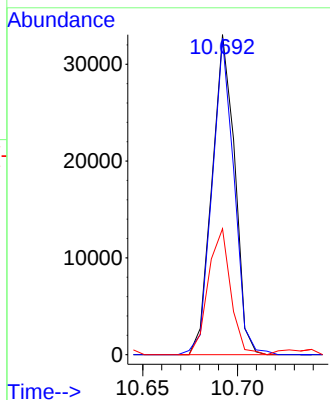
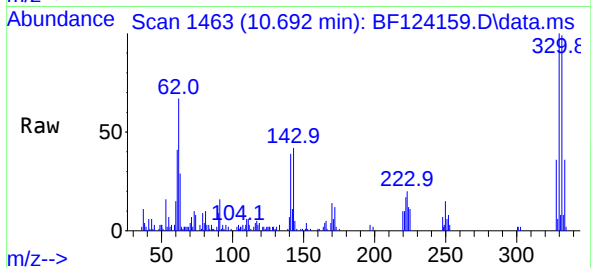




#42
2,4,6-Tribromophenol
Concen: 21.775 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124159.D
Acq: 7 Jun 2021 16:18

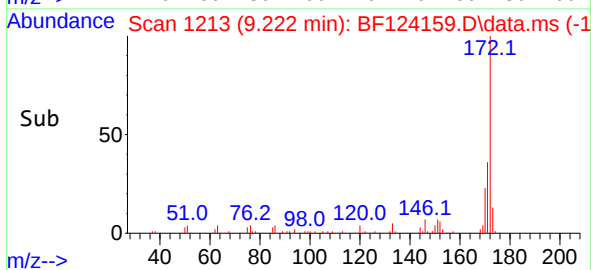
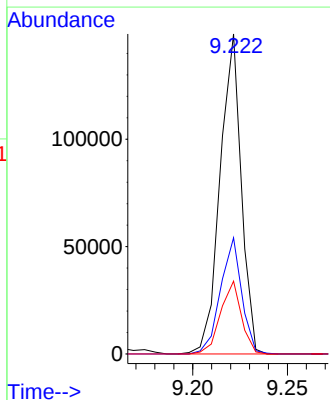
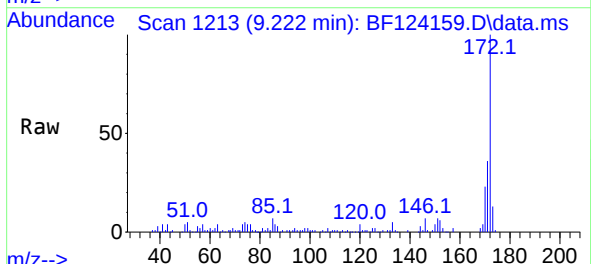
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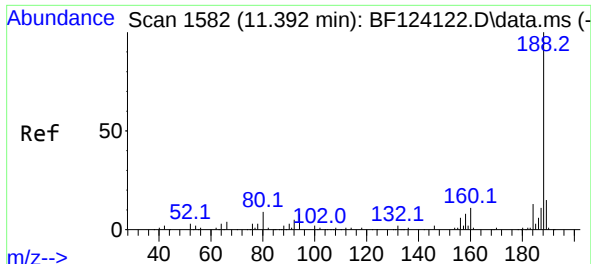
Tgt Ion:	330	Resp:	27557
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.1	115.7
141	38.9	27.9	41.9



#45
2-Fluorobiphenyl
Concen: 16.353 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF124159.D
Acq: 7 Jun 2021 16:18

Tgt Ion:	172	Resp:	116086
Ion Ratio	Lower	Upper	
172	100		
171	36.3	28.1	42.1
170	22.8	19.2	28.8

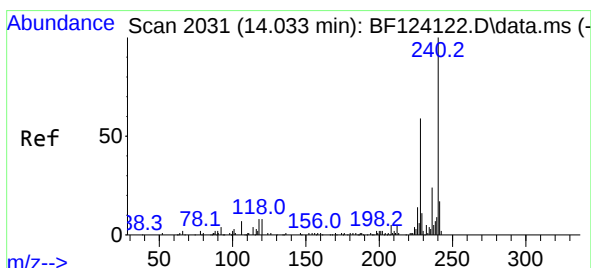
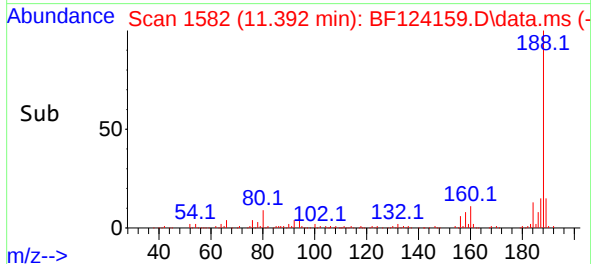
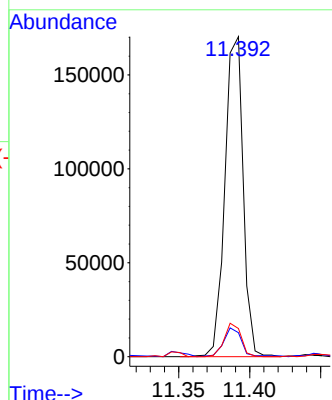
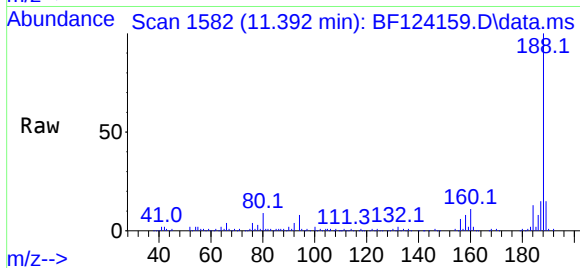




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF124159.D
Acq: 7 Jun 2021 16:18

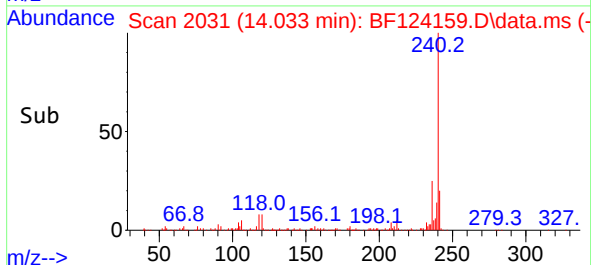
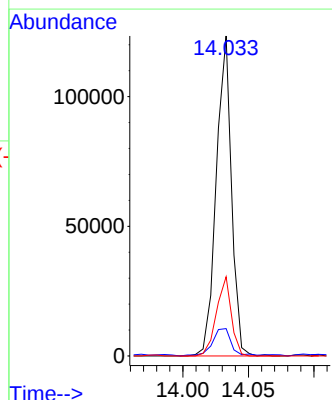
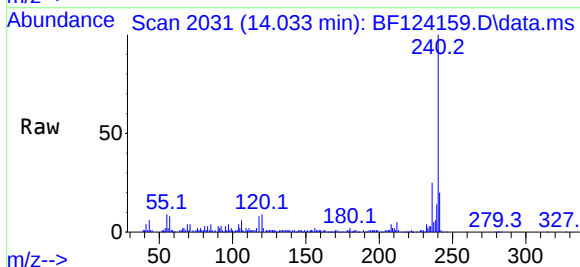
Instrument :
BNA_F
ClientSampleID :
54-57DL

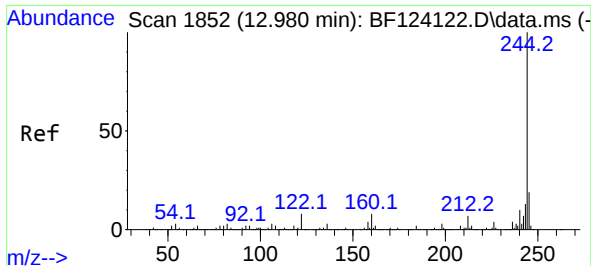
Tgt Ion:188 Resp: 152278
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.8 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF124159.D
Acq: 7 Jun 2021 16:18

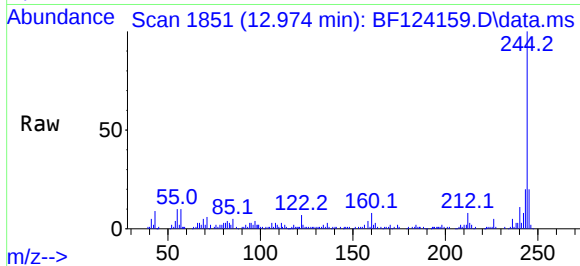
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Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 24.7 19.0 28.4



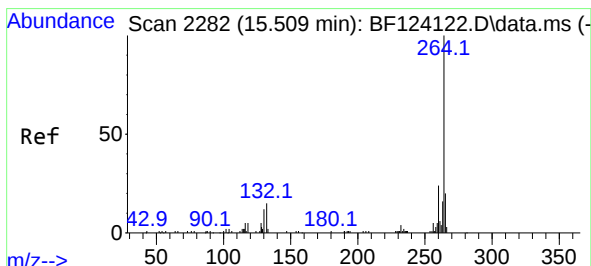
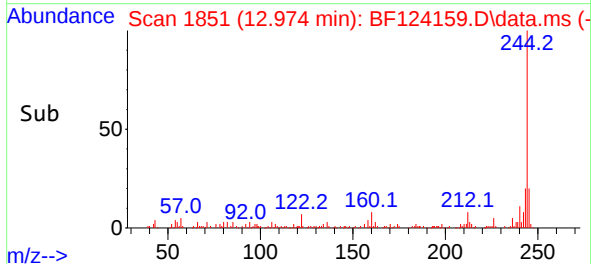
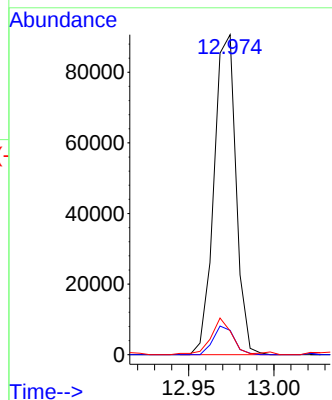


#79
Terphenyl-d14
Concen: 11.242 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF124159.D
Acq: 7 Jun 2021 16:18

Instrument :
BNA_F
ClientSampleID :
54-57DL



Tgt Ion:244 Resp: 81327
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 7.4 9.7 14.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124159.D
Acq: 7 Jun 2021 16:18

Tgt Ion:264 Resp: 92802
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 22.3 17.8 26.8

