

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061421\
 Data File : BF124302.D
 Acq On : 14 Jun 2021 12:49
 Operator : JU/CG
 Sample : M2626-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(218-222)

Quant Time: Jun 14 13:18:12 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)

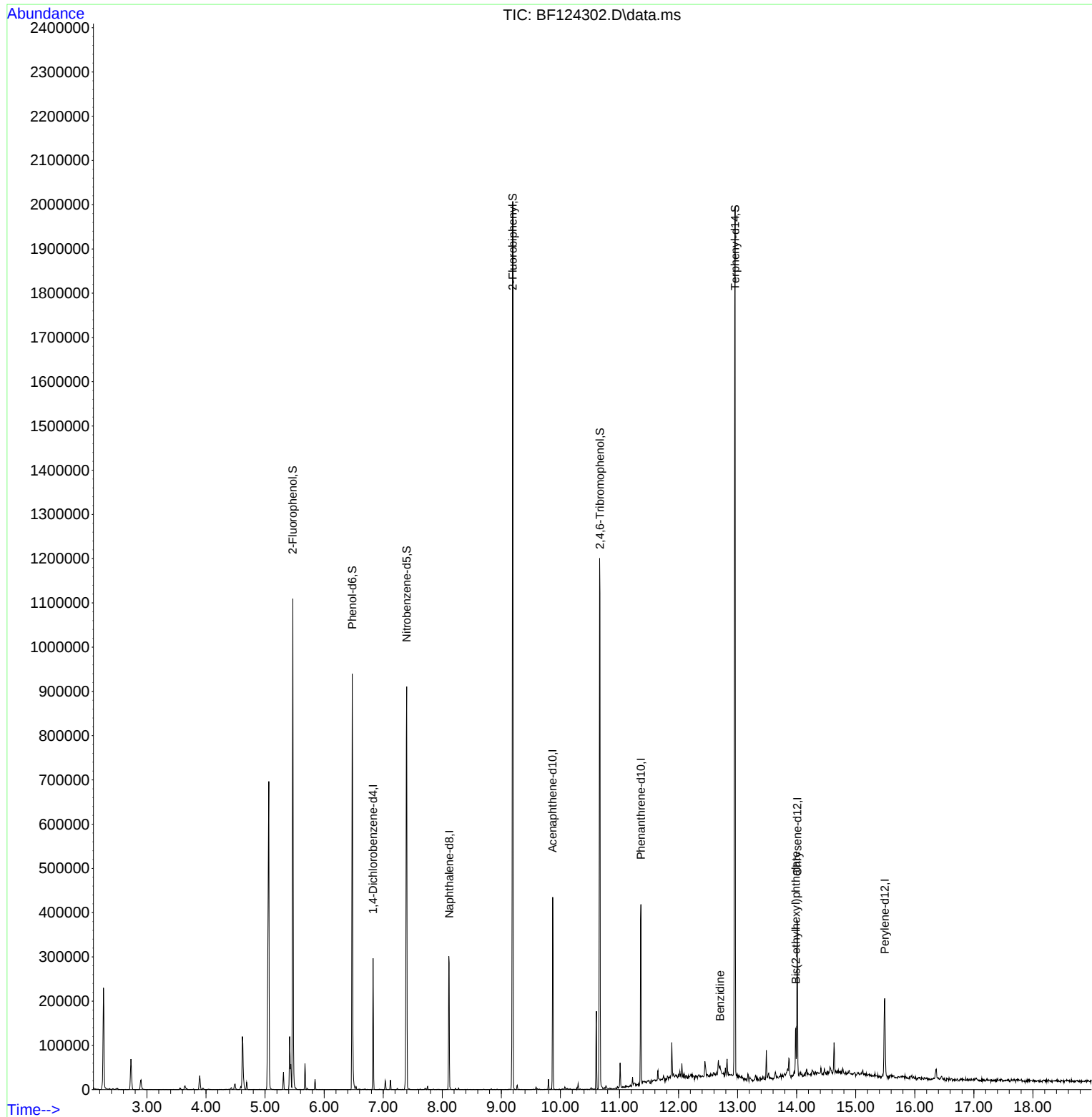
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	34068	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	126366	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	74741	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	134605	20.000	ng	0.00
76) Chrysene-d12	14.010	240	99240	20.000	ng	0.00
86) Perylene-d12	15.492	264	77314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	225200	99.508	ng	0.01
7) Phenol-d6	6.475	99	259456	85.291	ng	0.00
23) Nitrobenzene-d5	7.398	82	291361	91.447	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	137185	129.554	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	533796	89.872	ng	0.00
79) Terphenyl-d14	12.957	244	623702	86.287	ng	0.00
Target Compounds						
77) Benzidine	12.704	184	8221	7.314	ng	# 90
84) Bis(2-ethylhexyl)phtha...	13.986	149	27927	6.073	ng	95

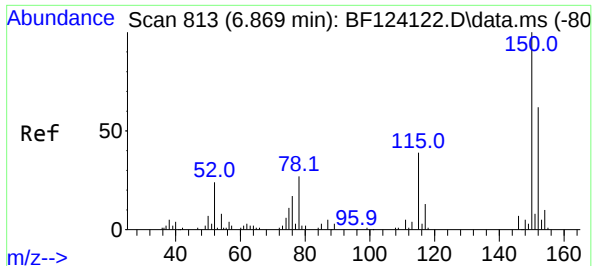
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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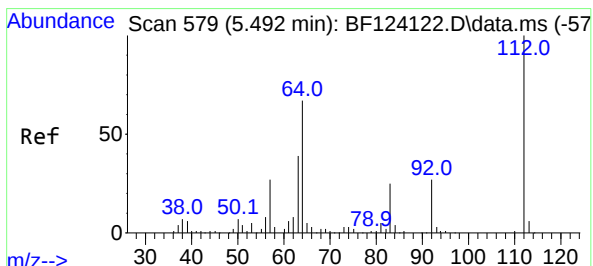
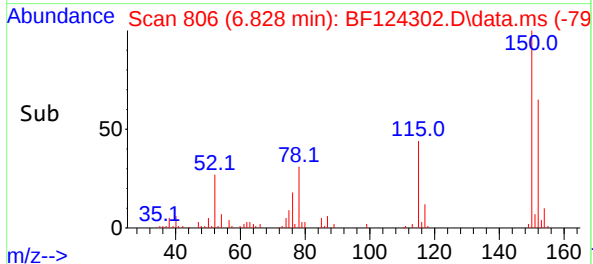
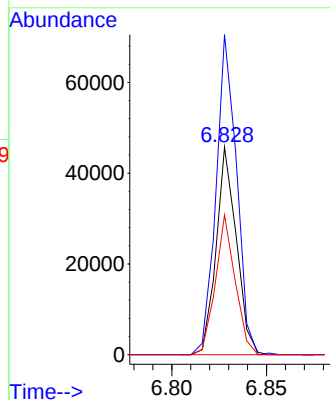
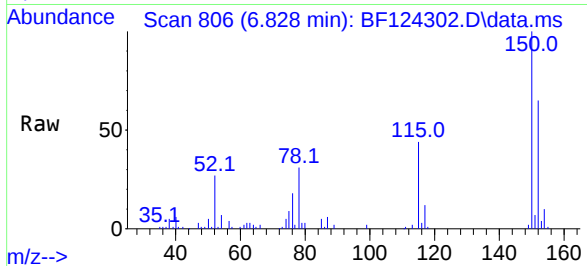




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF124302.D
Acq: 14 Jun 2021 12:49

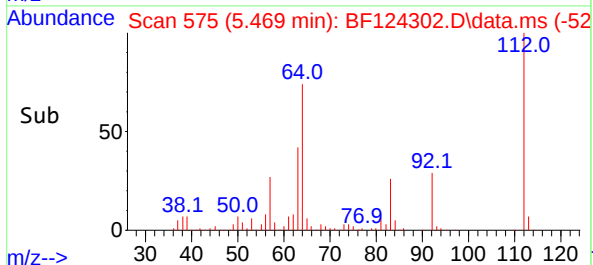
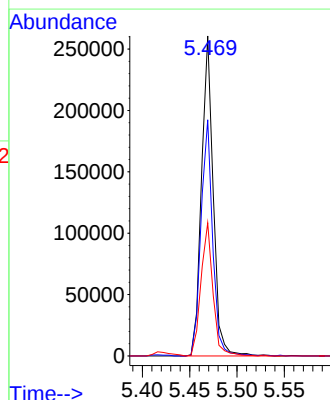
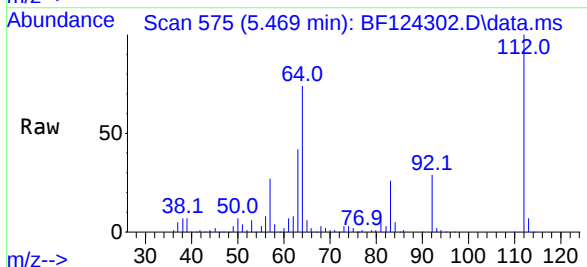
Instrument :
BNA_F
ClientSampleId :
18-B12(218-222)

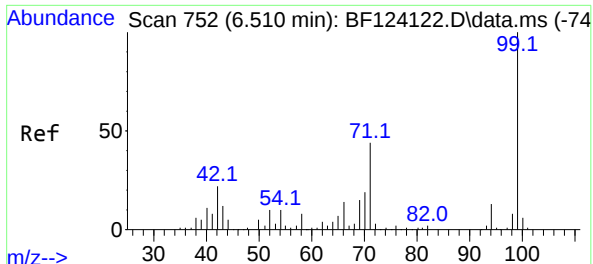
Tgt Ion:152 Resp: 34068
Ion Ratio Lower Upper
152 100
150 154.0 127.0 190.6
115 67.3 54.3 81.5



#5
2-Fluorophenol
Concen: 99.508 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF124302.D
Acq: 14 Jun 2021 12:49

Tgt Ion:112 Resp: 225200
Ion Ratio Lower Upper
112 100
64 73.8 61.4 92.0
63 41.6 33.0 49.4

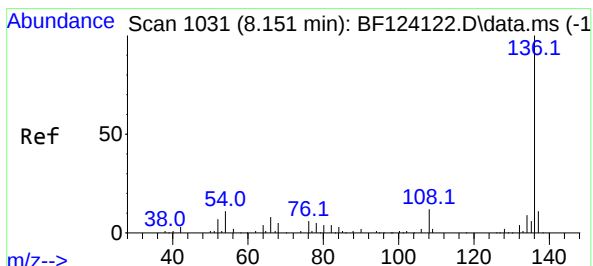
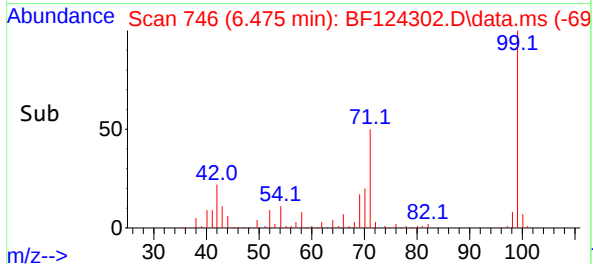
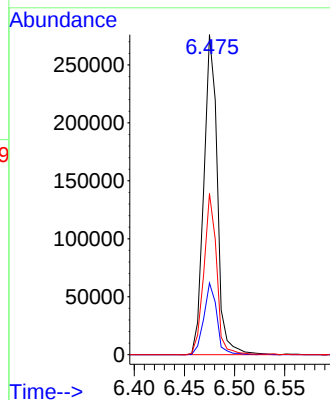
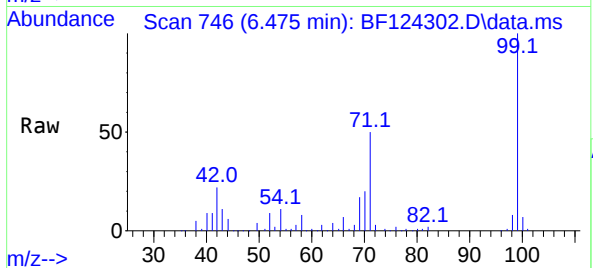




#7
Phenol-d6
Concen: 85.291 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF124302.D
Acq: 14 Jun 2021 12:49

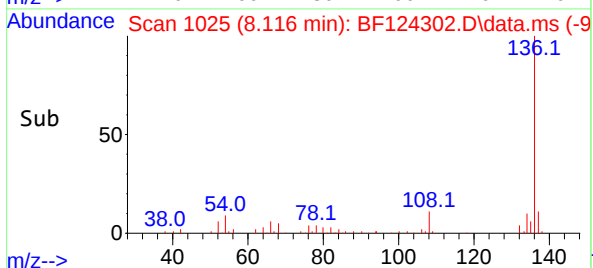
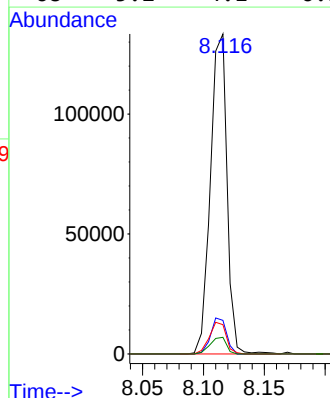
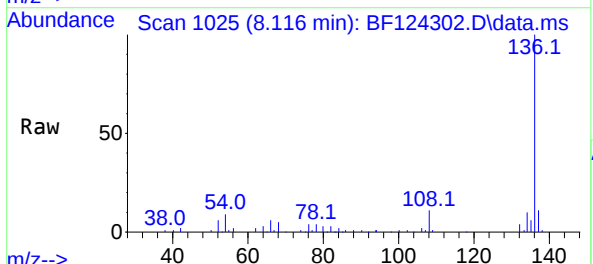
Instrument :
BNA_F
ClientSampleId :
18-B12(218-222)

Tgt Ion: 99 Resp: 259456
Ion Ratio Lower Upper
99 100
42 22.4 19.8 29.8
71 50.4 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF124302.D
Acq: 14 Jun 2021 12:49

Tgt Ion: 136 Resp: 126366
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 9.2 9.8 14.6#
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 91.447 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF124302.D

Acq: 14 Jun 2021 12:49

Instrument :

BNA_F

ClientSampleId :

18-B12(218-222)

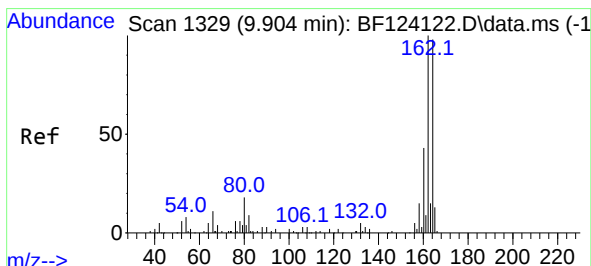
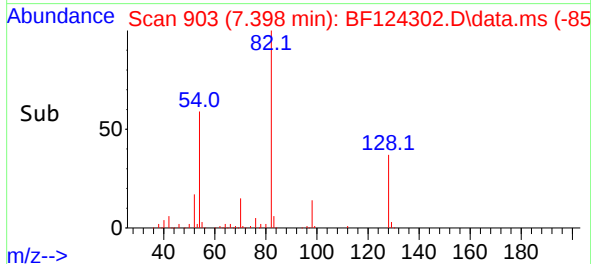
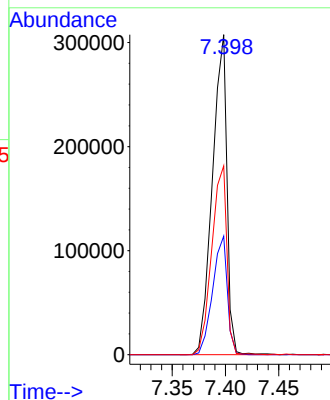
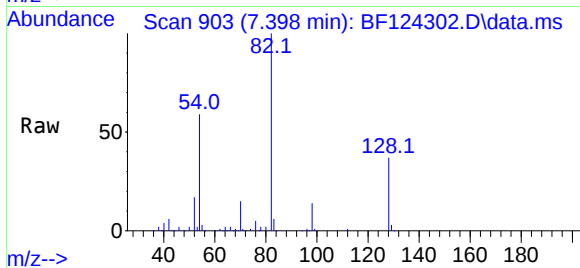
Tgt Ion: 82 Resp: 291361

Ion Ratio Lower Upper

82 100

128 37.1 29.4 44.2

54 59.0 54.1 81.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF124302.D

Acq: 14 Jun 2021 12:49

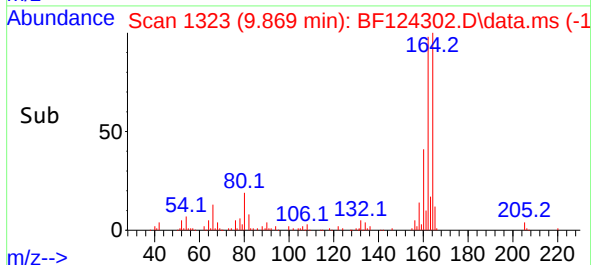
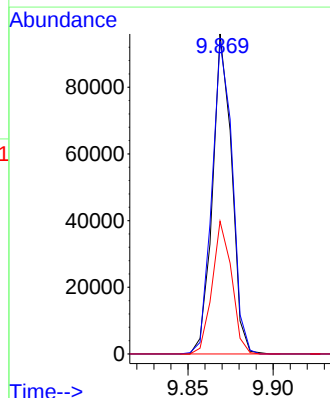
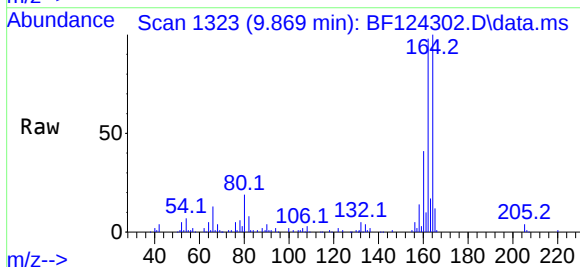
Tgt Ion: 164 Resp: 74741

Ion Ratio Lower Upper

164 100

162 97.7 80.7 121.1

160 41.5 37.3 55.9

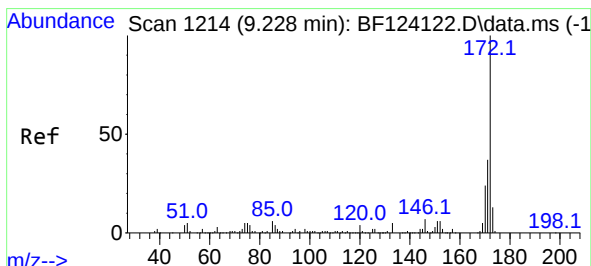
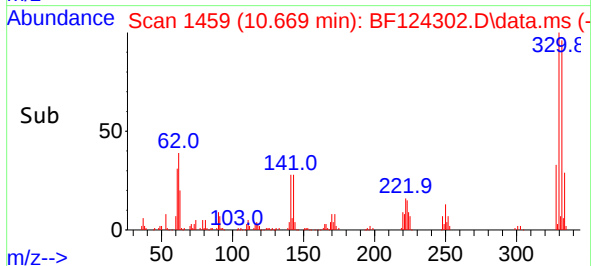
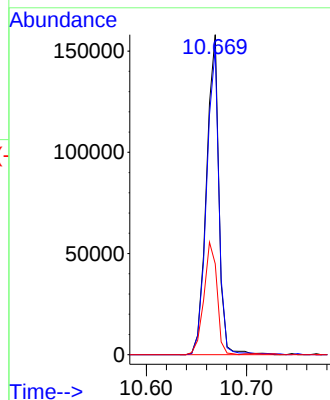
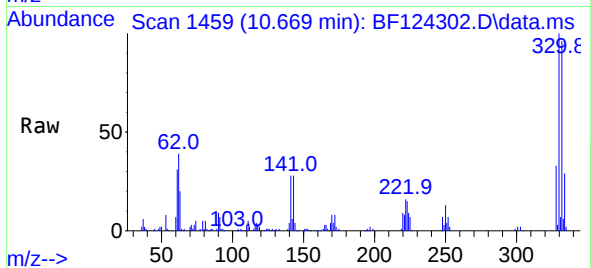




#42
2,4,6-Tribromophenol
Concen: 129.554 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF124302.D
Acq: 14 Jun 2021 12:49

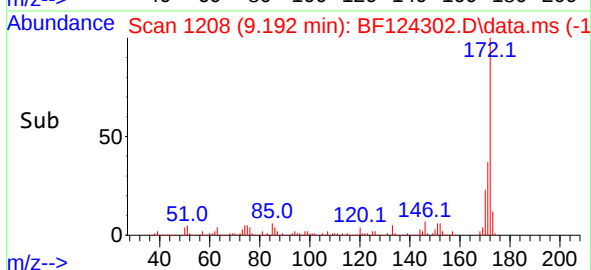
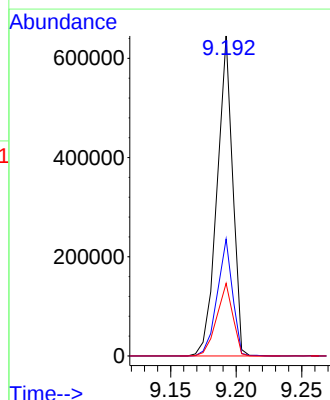
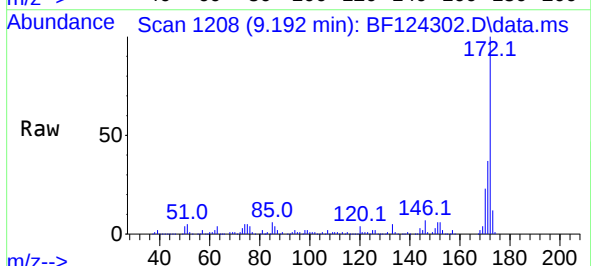
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Tgt Ion: 330 Resp: 137185
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 36.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 89.872 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF124302.D
Acq: 14 Jun 2021 12:49

Tgt Ion: 172 Resp: 533796
Ion Ratio Lower Upper
172 100
171 36.5 28.1 42.1
170 22.7 19.2 28.8

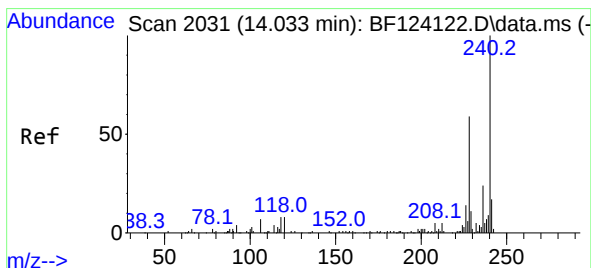
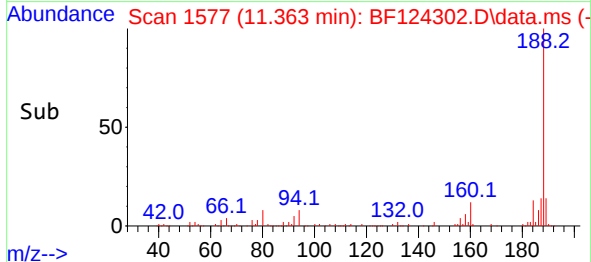
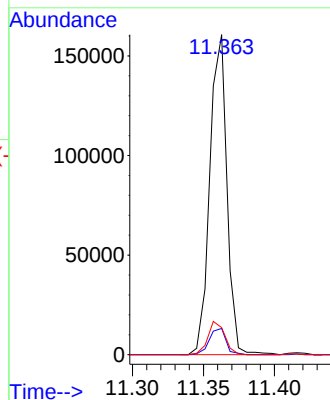
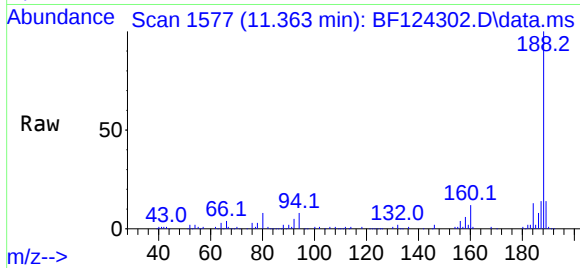




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF124302.D
Acq: 14 Jun 2021 12:49

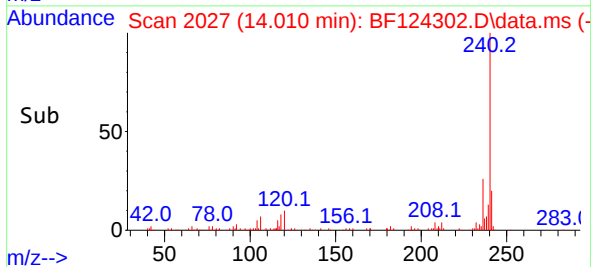
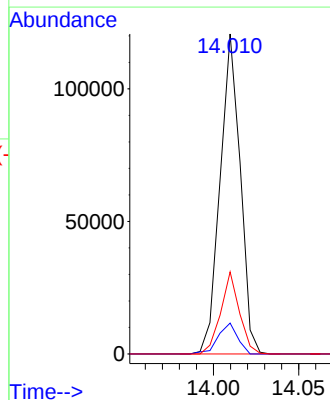
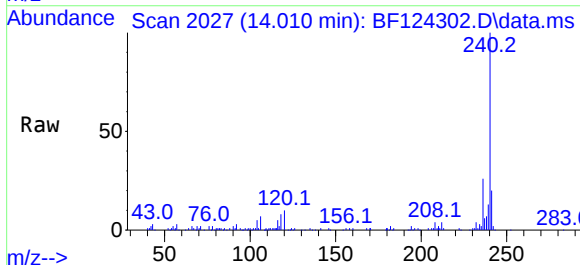
Instrument :
BNA_F
ClientSampleId :
18-B12(218-222)

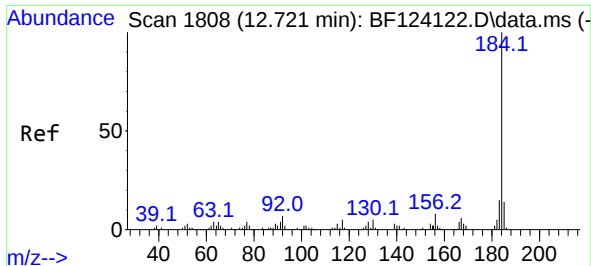
Tgt Ion:188 Resp: 134605
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 8.5 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF124302.D
Acq: 14 Jun 2021 12:49

Tgt Ion:240 Resp: 99240
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 25.7 19.0 28.4

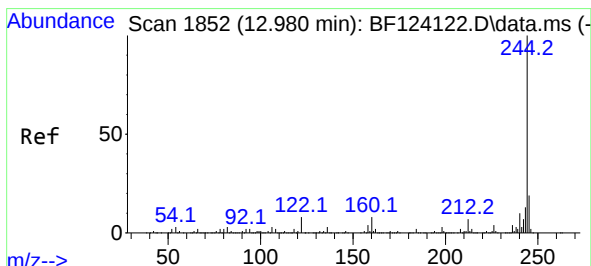
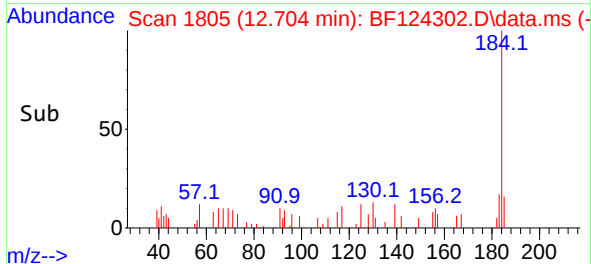
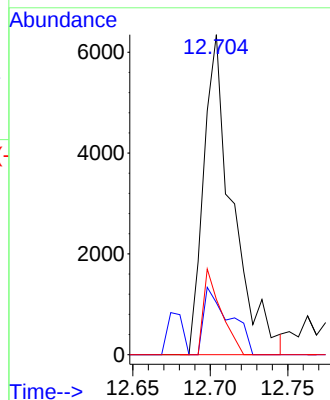
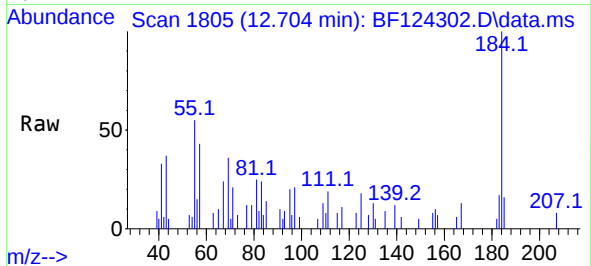




#77
Benzidine
Concen: 7.314 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BF124302.D
Acq: 14 Jun 2021 12:49

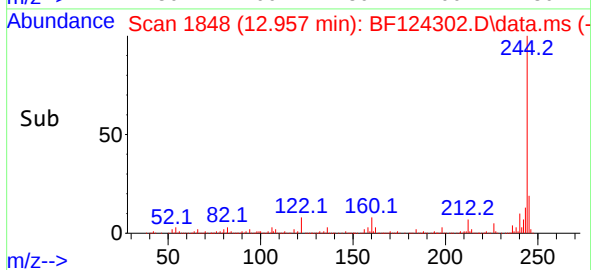
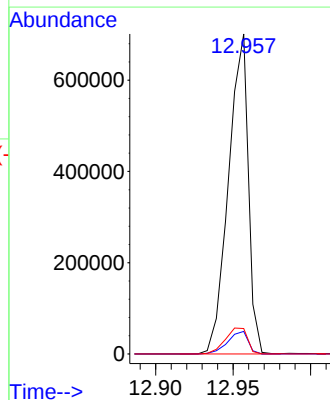
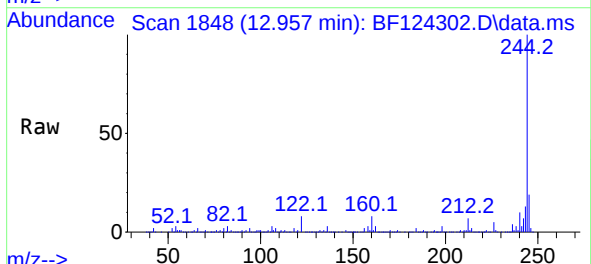
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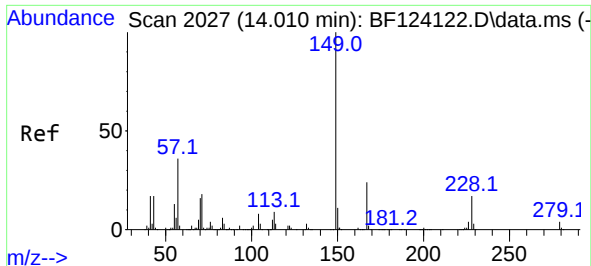
Tgt Ion:184 Resp: 8221
Ion Ratio Lower Upper
184 100
185 16.3 12.1 18.1
183 17.3 7.8 11.8#



#79
Terphenyl-d14
Concen: 86.287 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BF124302.D
Acq: 14 Jun 2021 12:49

Tgt Ion:244 Resp: 623702
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 8.0 9.7 14.5#



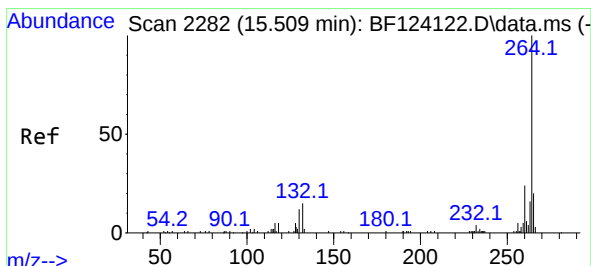
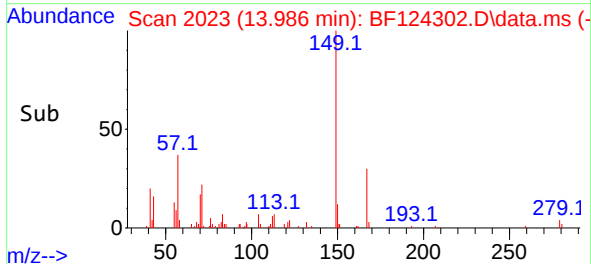
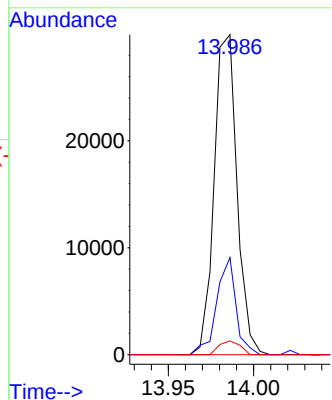
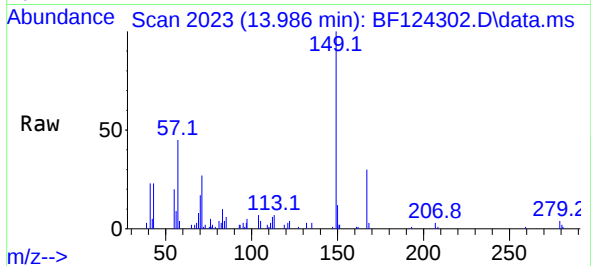


#84
Bis(2-ethylhexyl)phthalate
Concen: 6.073 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF124302.D
Acq: 14 Jun 2021 12:49

Instrument :
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ClientSampleId :
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Tgt Ion:149 Resp: 27927

Ion	Ratio	Lower	Upper
149	100		
167	30.4	21.8	32.6
279	4.3	3.3	4.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF124302.D
Acq: 14 Jun 2021 12:49

Tgt Ion:264 Resp: 77314

Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.7	28.1
265	19.4	17.8	26.8

