

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124136.D
 Acq On : 4 Jun 2021 13:09
 Operator : JU/CG
 Sample : M2583-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 54-57S

Quant Time: Jun 04 14:17:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 04 09:56:24 2021
 Response via : Initial Calibration

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

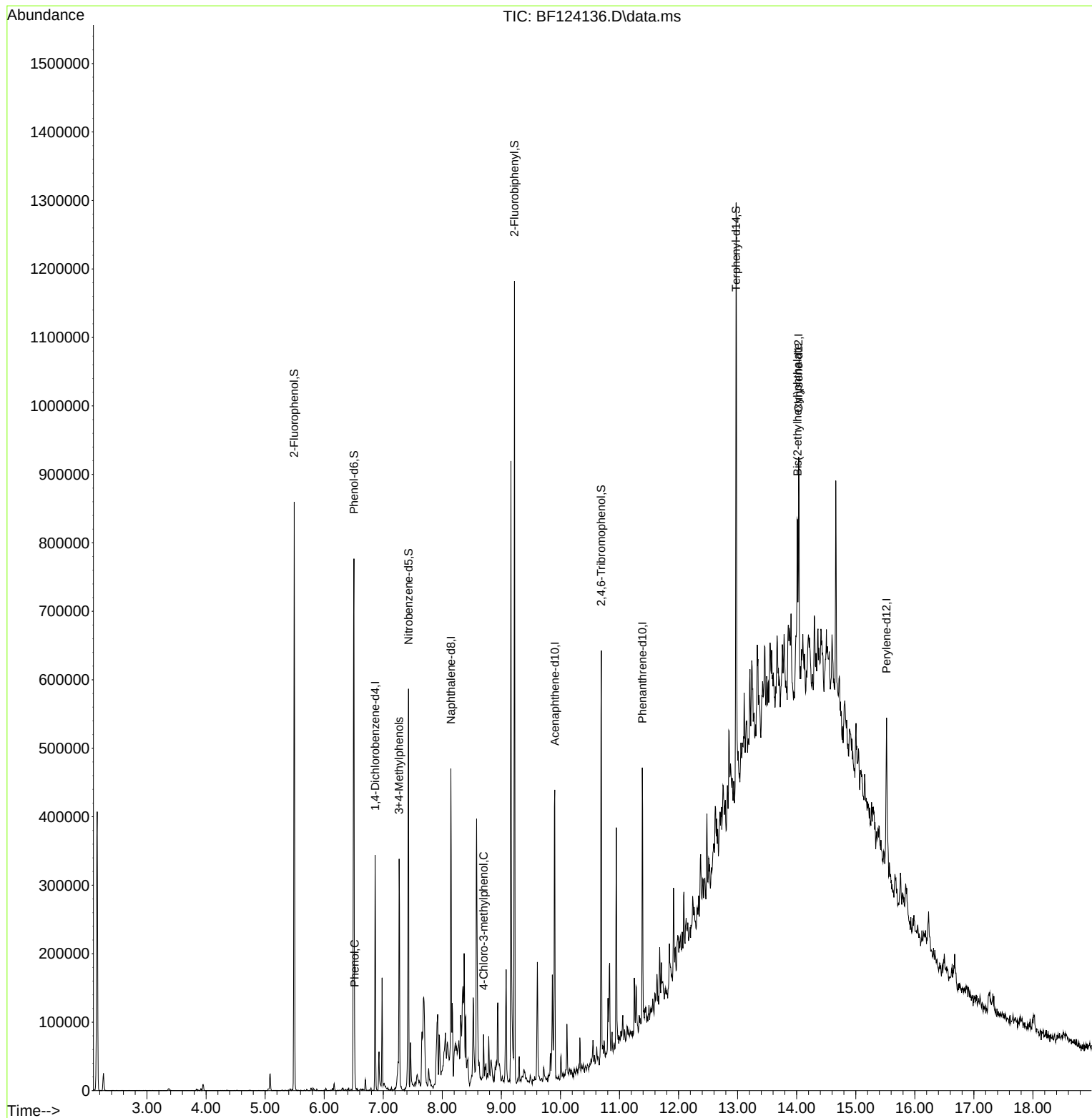
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	41359	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	152495	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	76394	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	117886	20.00	ng	0.00
76) Chrysene-d12	14.033	240	89546	20.00	ng	# 0.00
86) Perylene-d12	15.521	264	83151	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	175490	63.87	ng	0.00
7) Phenol-d6	6.504	99	215746	58.42	ng	0.00
23) Nitrobenzene-d5	7.428	82	159636	41.52	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	58523	54.07	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	271511	44.72	ng	0.00
79) Terphenyl-d14	12.974	244	211045	32.36	ng	0.00
Target Compounds						
10) Phenol	6.516	94	17282	4.33	ng	Qvalue 91
20) 3+4-Methylphenols	7.269	107	70337	21.36	ng	# 62
36) 4-Chloro-3-methylphenol	8.698	107	10863	3.53	ng	# 82
84) Bis(2-ethylhexyl)phtha...	14.015	149	68259	16.45	ng	# 93

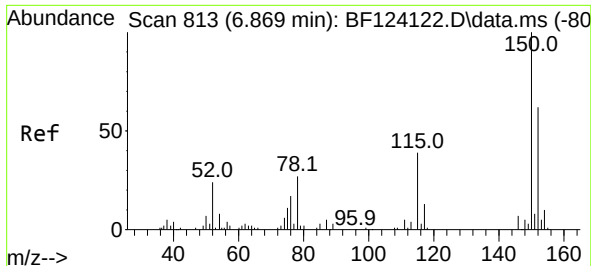
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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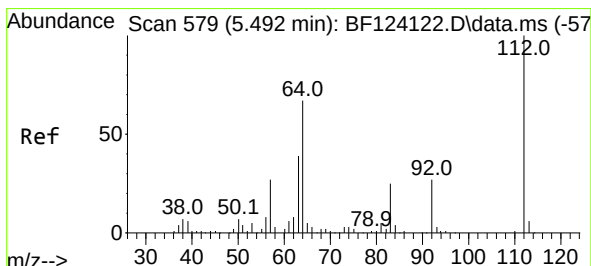
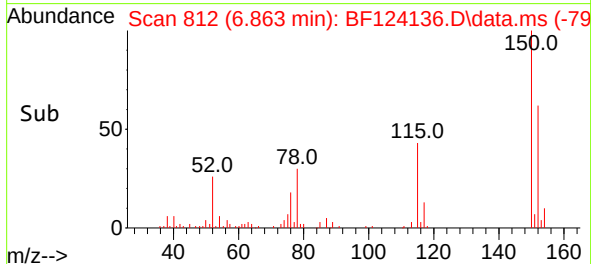
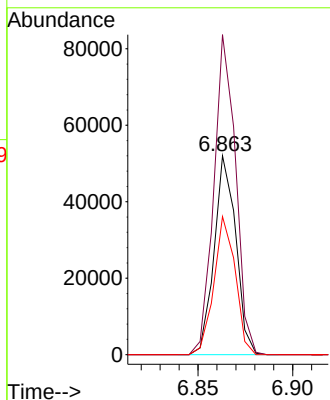
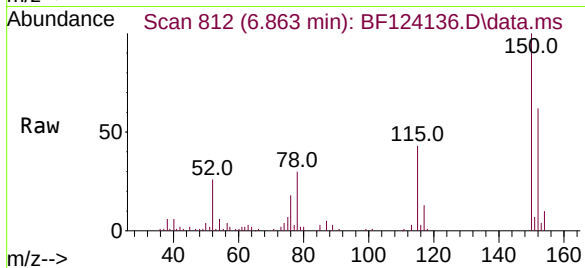




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

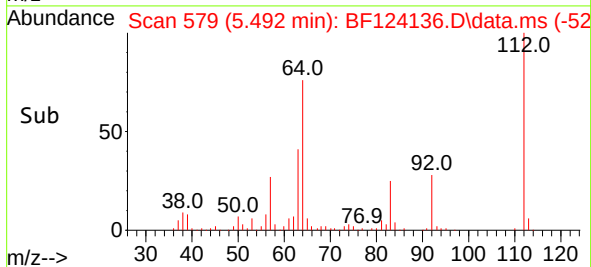
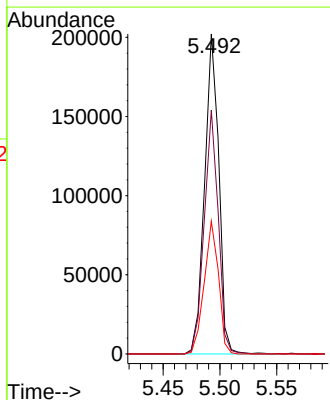
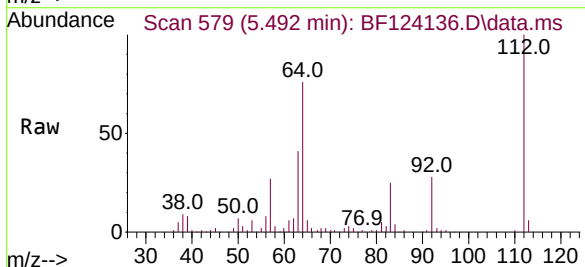
Instrument :
BNA_F
ClientSampleId :
54-57S

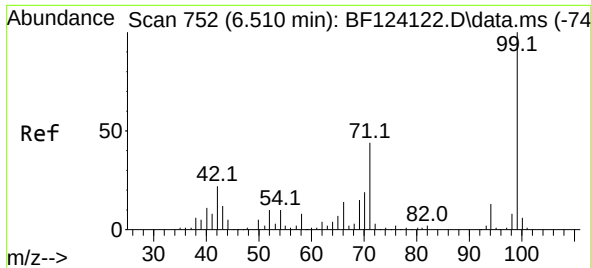
Tgt Ion:152 Resp: 41359
Ion Ratio Lower Upper
152 100
150 160.9 127.0 190.6
115 69.5 54.3 81.5



#5
2-Fluorophenol
Concen: 63.87 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Tgt Ion:112 Resp: 175490
Ion Ratio Lower Upper
112 100
64 76.2 61.4 92.0
63 41.4 33.0 49.4

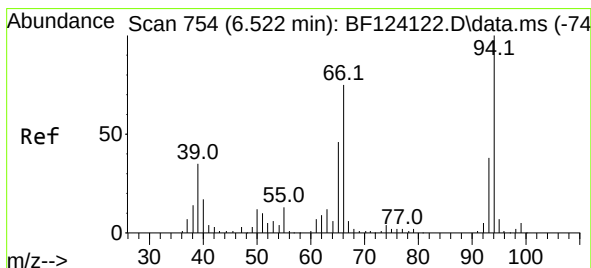
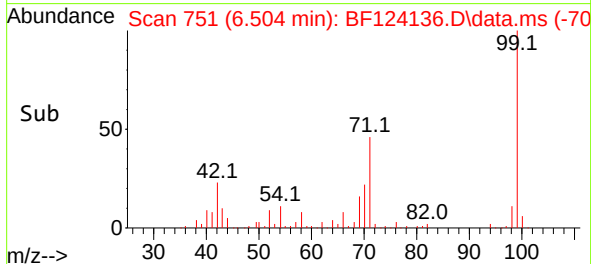
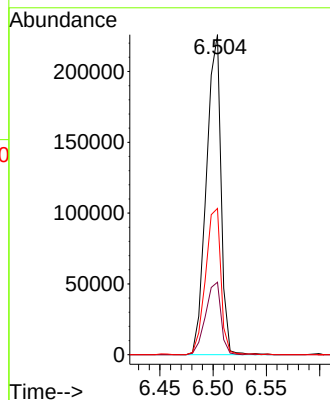
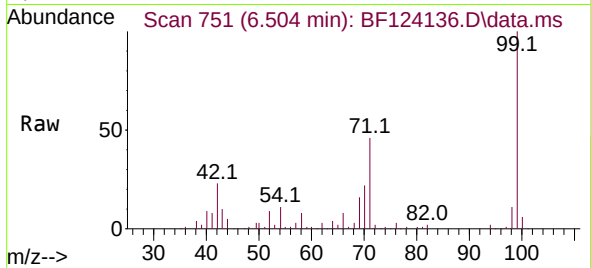




#7
Phenol-d6
Concen: 58.42 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

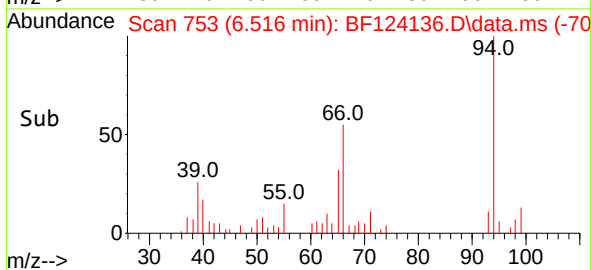
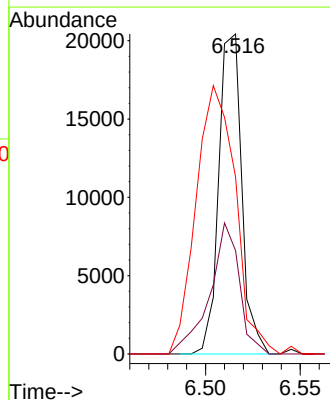
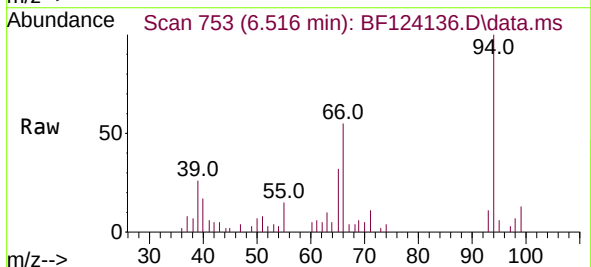
Instrument :
BNA_F
ClientSampleId :
54-57S

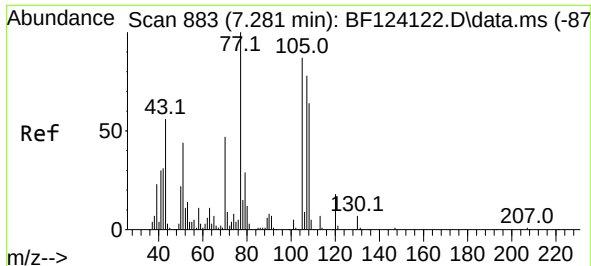
Tgt Ion: 99 Resp: 215746
Ion Ratio Lower Upper
99 100
42 22.6 19.8 29.8
71 45.7 31.1 46.7



#10
Phenol
Concen: 4.33 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Tgt Ion: 94 Resp: 17282
Ion Ratio Lower Upper
94 100
65 32.3 18.1 58.1
66 55.3 29.0 69.0

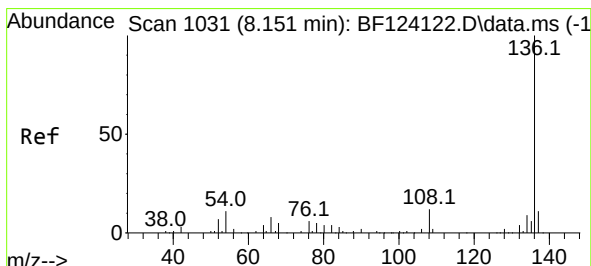
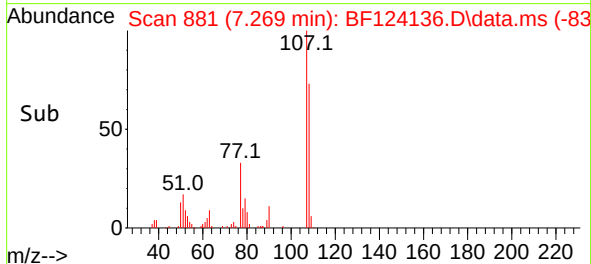
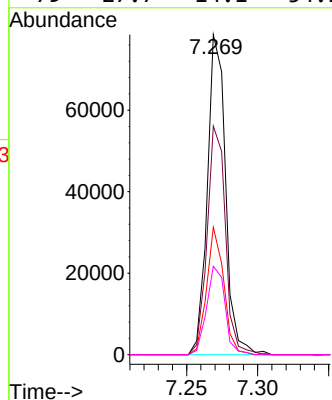
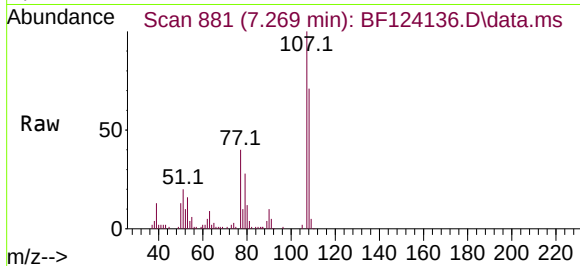




#20
3+4-Methylphenols
Concen: 21.36 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

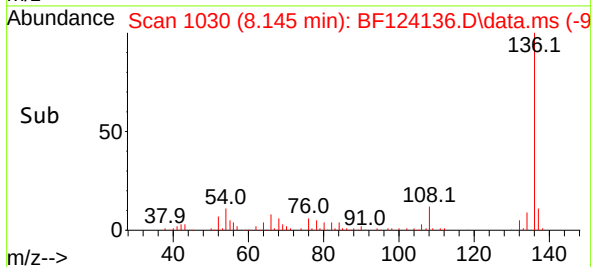
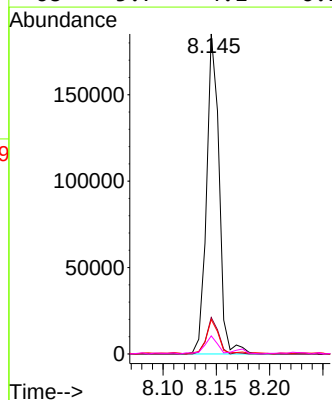
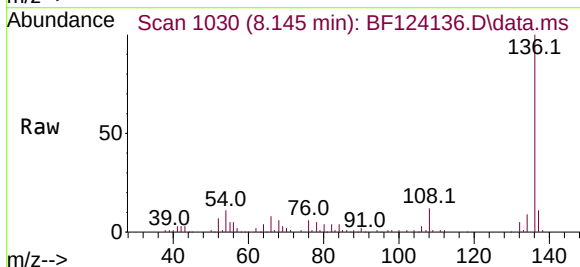
Instrument :
BNA_F
ClientSampled :
54-57S

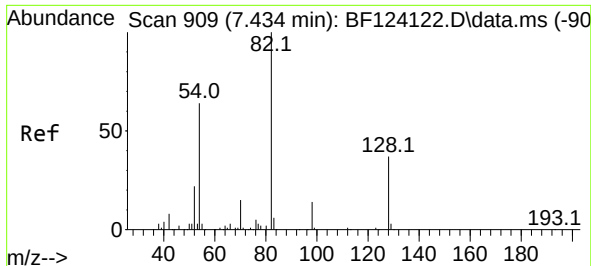
Tgt Ion:107 Resp: 70337
Ion Ratio Lower Upper
107 100
108 71.5 71.5 111.5#
77 39.8 82.0 122.0#
79 27.7 14.1 54.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Tgt Ion:136 Resp: 152495
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 10.8 9.8 14.6
68 5.7 4.1 6.1

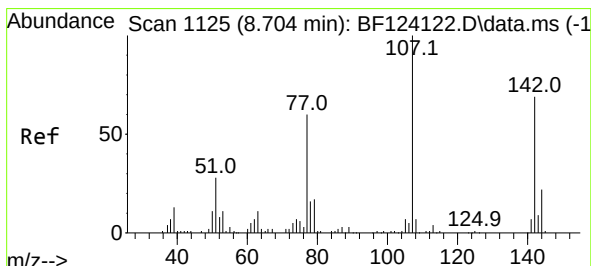
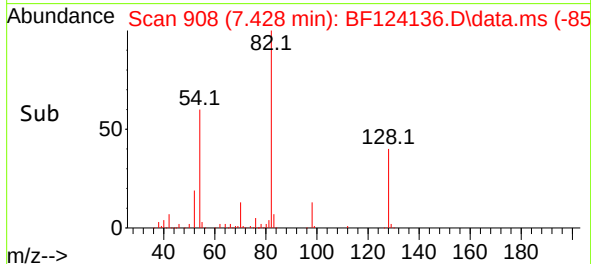
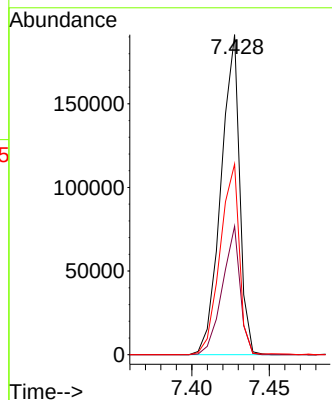
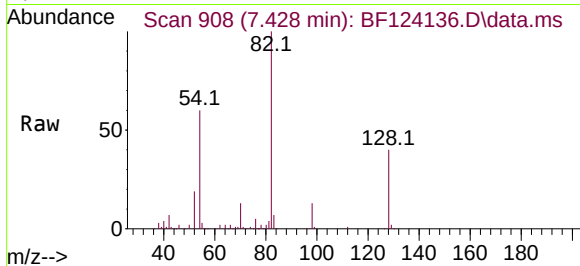




#23
Nitrobenzene-d5
Concen: 41.52 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

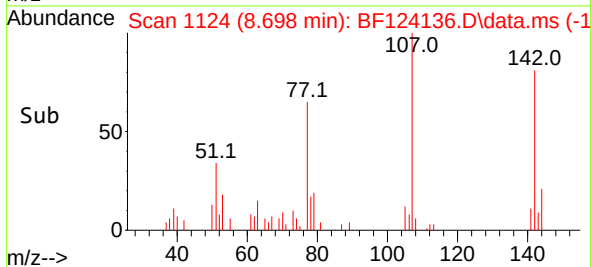
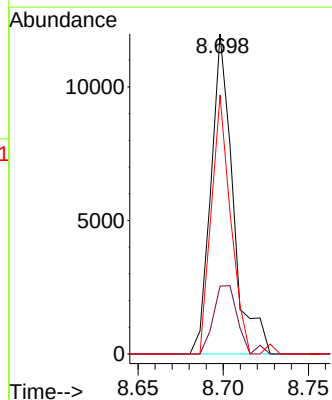
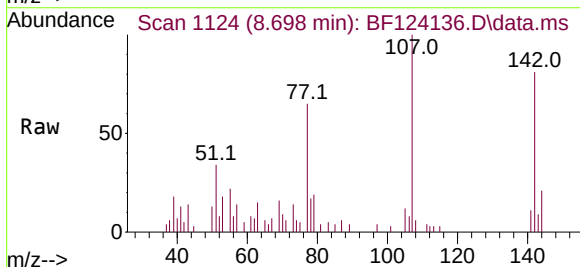
Instrument :
BNA_F
ClientSampleId :
54-57S

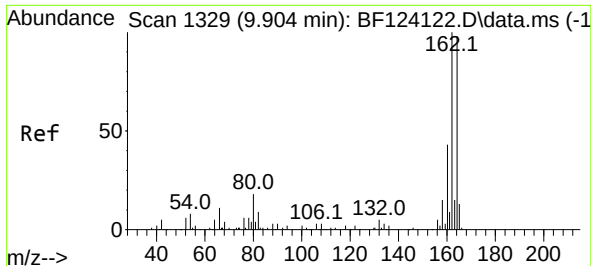
Tgt Ion: 82 Resp: 159636
Ion Ratio Lower Upper
82 100
128 40.2 29.4 44.2
54 59.5 54.1 81.1



#36
4-Chloro-3-methylphenol
Concen: 3.53 ng
RT: 8.698 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Tgt Ion: 107 Resp: 10863
Ion Ratio Lower Upper
107 100
144 21.2 16.3 24.5
142 80.9 50.1 75.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BF124136.D

Acq: 4 Jun 2021 13:09

Tgt Ion:164 Resp: 76394

Ion Ratio Lower Upper

164 100

162 96.6 80.7 121.1

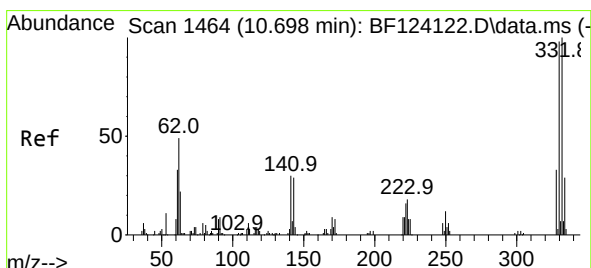
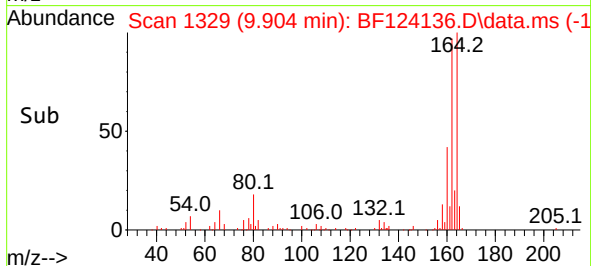
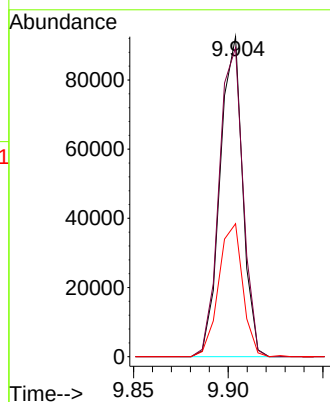
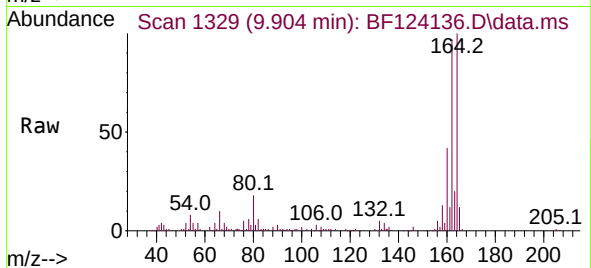
160 41.6 37.3 55.9

Instrument :

BNA_F

ClientSampleId :

54-57S



#42

2,4,6-Tribromophenol

Concen: 54.07 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF124136.D

Acq: 4 Jun 2021 13:09

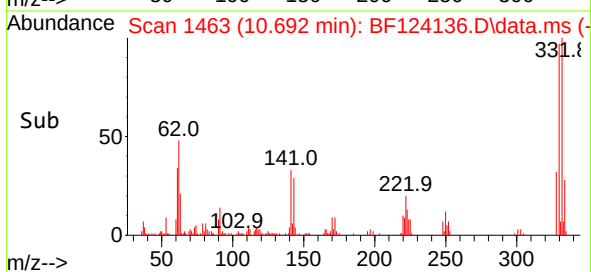
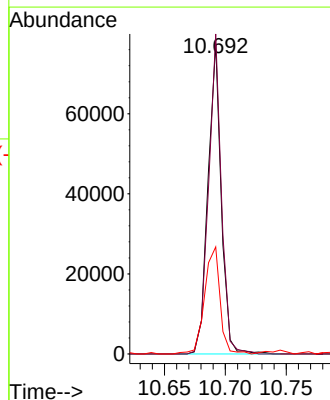
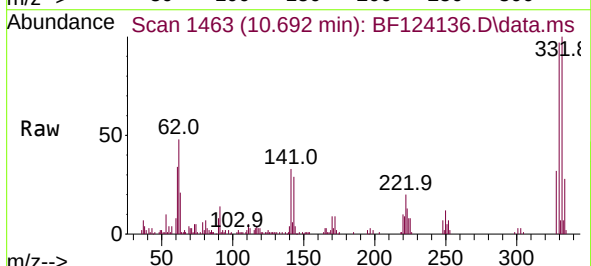
Tgt Ion:330 Resp: 58523

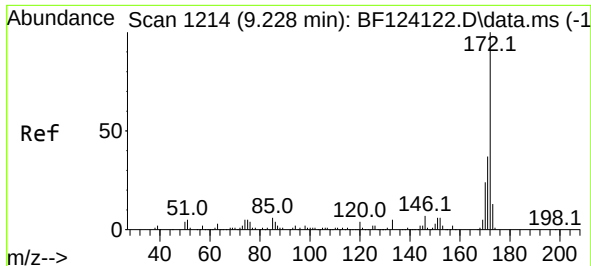
Ion Ratio Lower Upper

330 100

332 100.0 77.1 115.7

141 40.4 27.9 41.9

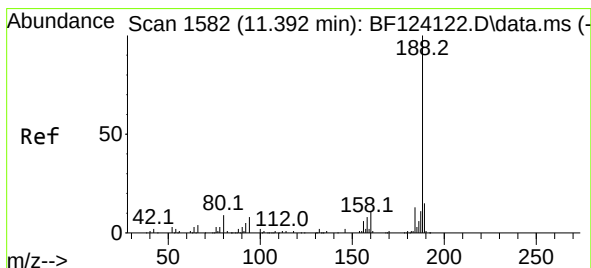
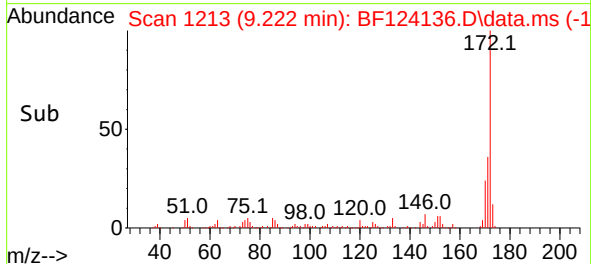
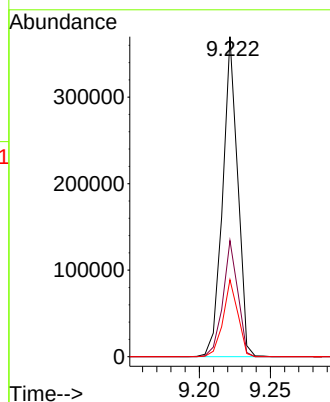
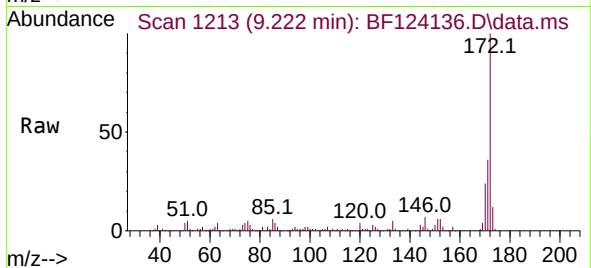




#45
2-Fluorobiphenyl
Concen: 44.72 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

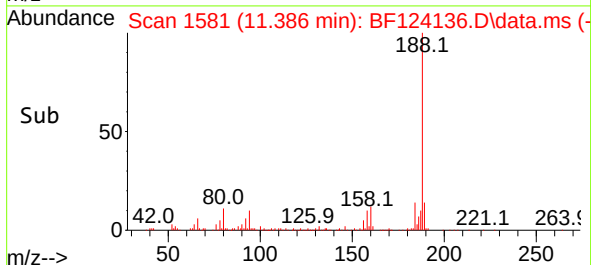
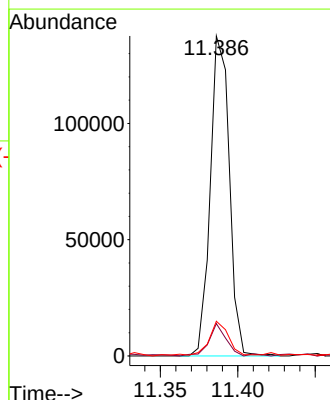
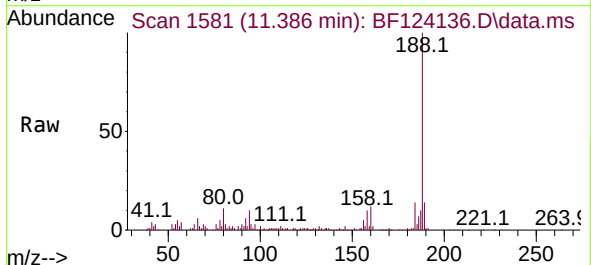
Instrument :
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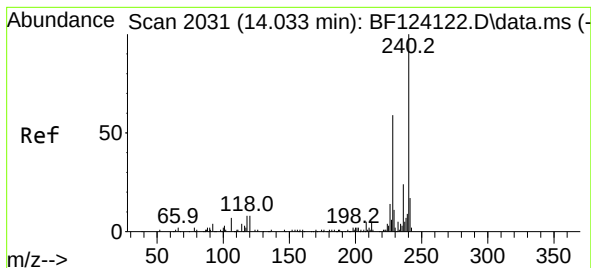
Tgt Ion:172 Resp: 271511
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 24.1 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Tgt Ion:188 Resp: 117886
Ion Ratio Lower Upper
188 100
94 10.1 6.9 10.3
80 10.9 8.2 12.2

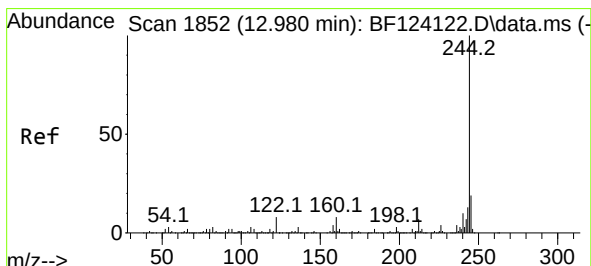
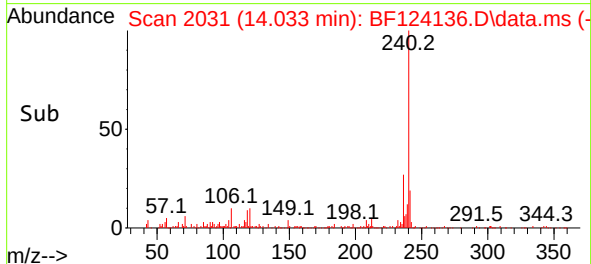
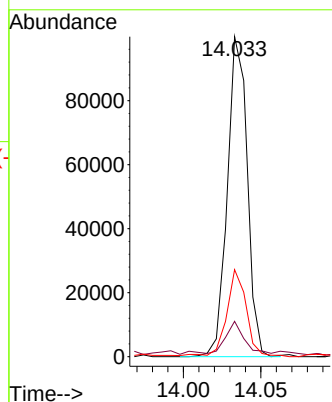
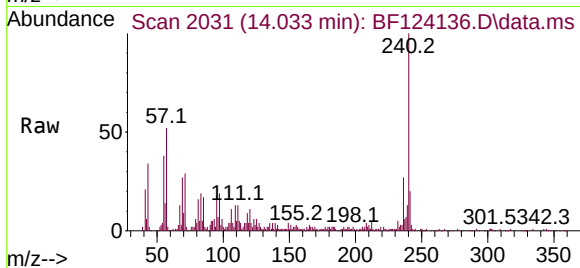




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

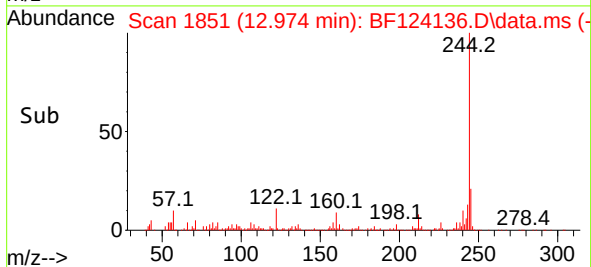
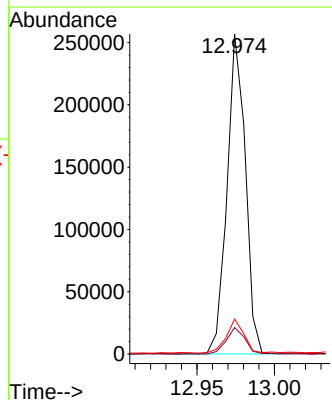
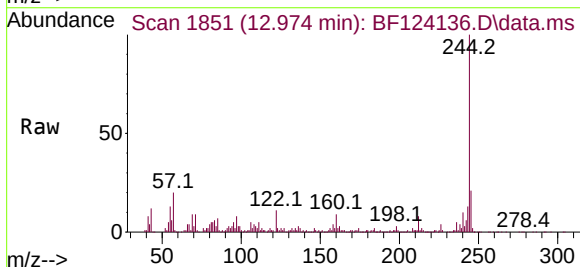
Instrument :
BNA_F
ClientSampled :
54-57S

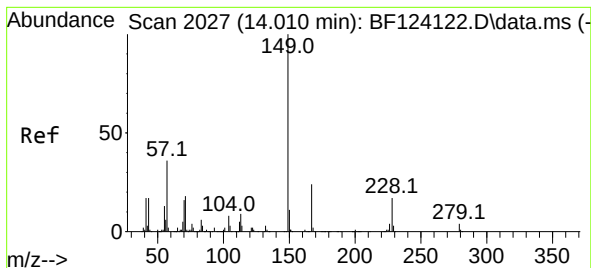
Tgt Ion:240 Resp: 89546
Ion Ratio Lower Upper
240 100
120 11.0 7.2 10.8#
236 27.2 19.0 28.4



#79
Terphenyl-d14
Concen: 32.36 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Tgt Ion:244 Resp: 211045
Ion Ratio Lower Upper
244 100
212 8.3 5.7 8.5
122 10.9 9.7 14.5

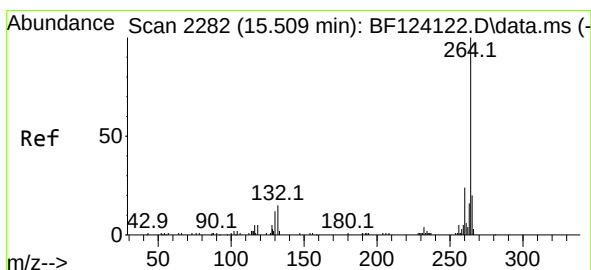
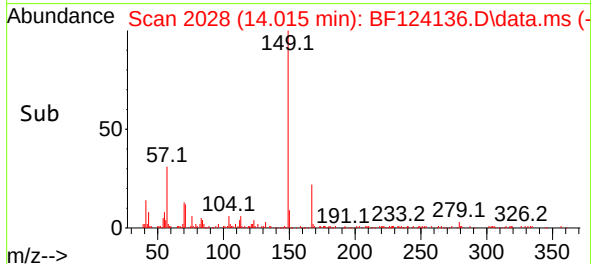
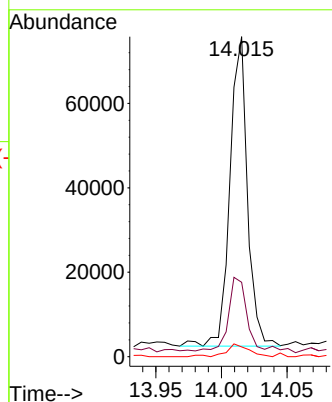
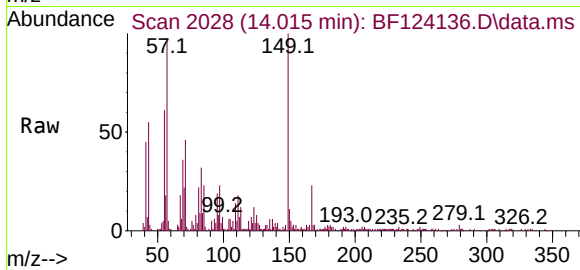




#84
Bis(2-ethylhexyl)phthalate
Concen: 16.45 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Instrument :
BNA_F
ClientSampleId :
54-57S

Tgt Ion:149 Resp: 68259
Ion Ratio Lower Upper
149 100
167 23.3 21.8 32.6
279 3.0 3.3 4.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.012 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Tgt Ion:264 Resp: 83151
Ion Ratio Lower Upper
264 100
260 21.6 18.7 28.1
265 20.2 17.8 26.8

