

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061521\
 Data File : BF124326.D
 Acq On : 15 Jun 2021 16:57
 Operator : JU/CG
 Sample : M2674-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-05-060921

Quant Time: Jun 15 17:25:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 15:00:28 2021
 Response via : Initial Calibration

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

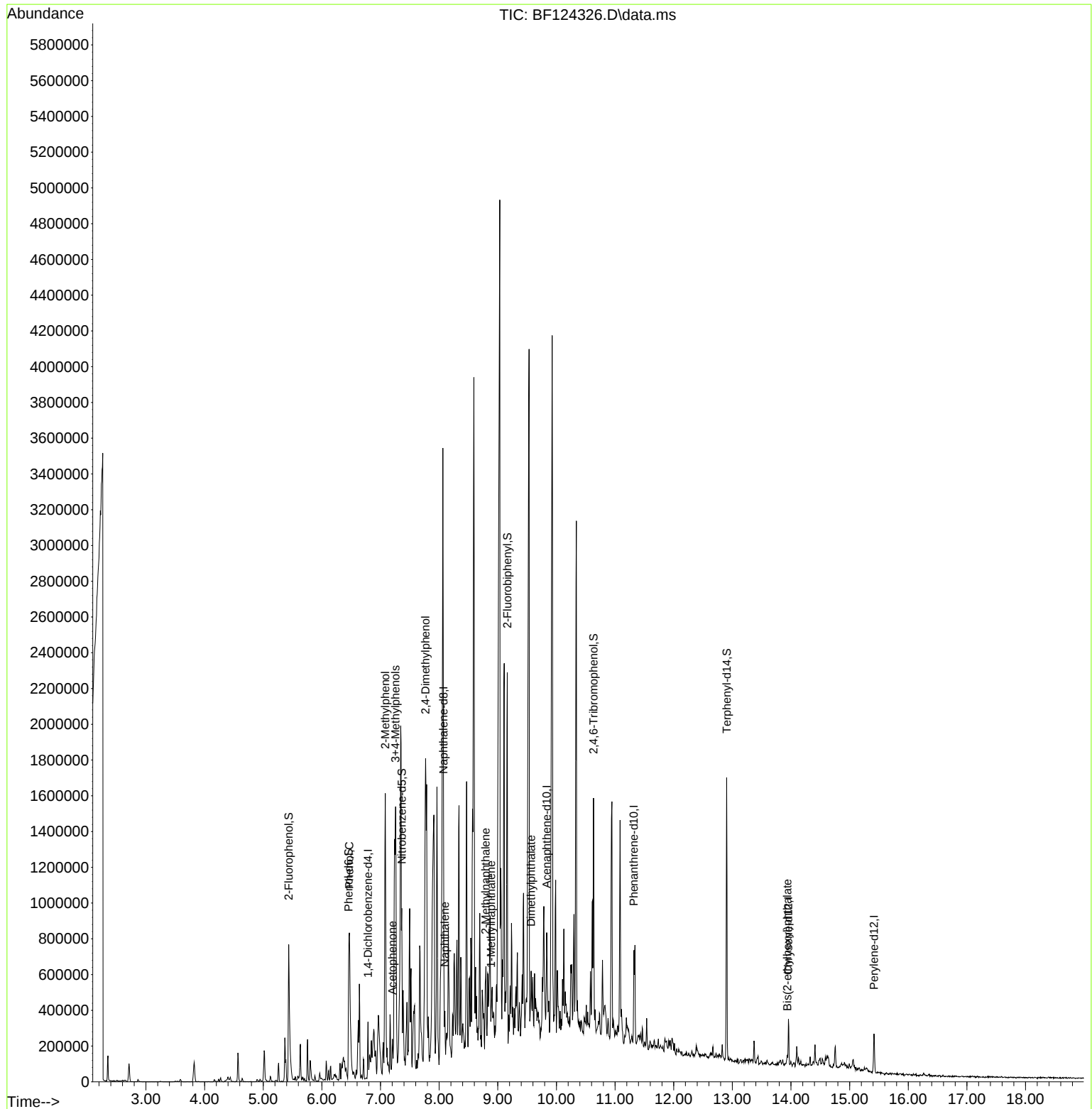
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	36415	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	142085	20.00	ng	# 0.00
39) Acenaphthene-d10	9.833	164	82744	20.00	ng	0.00
64) Phenanthrene-d10	11.321	188	143236	20.00	ng	0.00
76) Chrysene-d12	13.957	240	78902	20.00	ng	# 0.00
86) Perylene-d12	15.415	264	86683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	281906	116.54	ng	0.02
7) Phenol-d6	6.457	99	298404	91.77	ng	0.01
23) Nitrobenzene-d5	7.363	82	338264	94.42	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	135020	115.18	ng	0.01
45) 2-Fluorobiphenyl	9.163	172	543669	82.68	ng	0.01
79) Terphenyl-d14	12.904	244	465583	81.02	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.469	94	201298	57.28	ng	91
17) 2-Methylphenol	7.080	107	329106	150.41	ng	91
20) 3+4-Methylphenols	7.257	107	640802	221.02	ng	# 70
22) Acetophenone	7.204	105	48732	12.03	ng	92
27) 2,4-Dimethylphenol	7.769	122	592169	261.58	ng	93
31) Naphthalene	8.098	128	88359	10.40	ng	98
37) 2-Methylnaphthalene	8.792	142	28132	4.72	ng	99
38) 1-Methylnaphthalene	8.886	142	19547	3.51	ng	97
50) Dimethylphthalate	9.569	163	43471	6.35	ng	# 56
84) Bis(2-ethylhexyl)phtha...	13.939	149	15607	4.27	ng	# 85

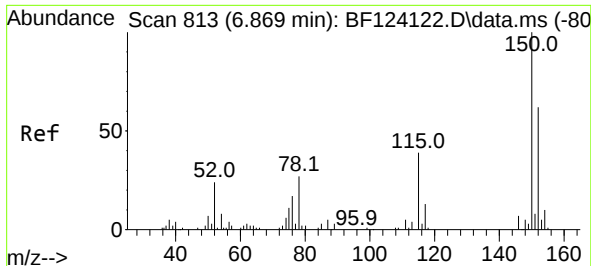
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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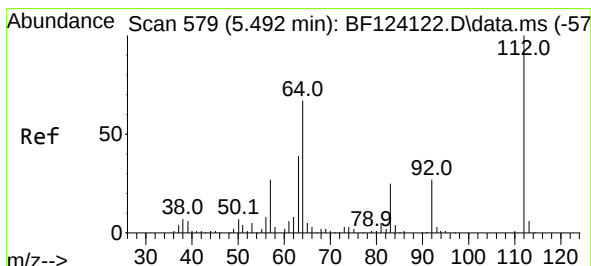
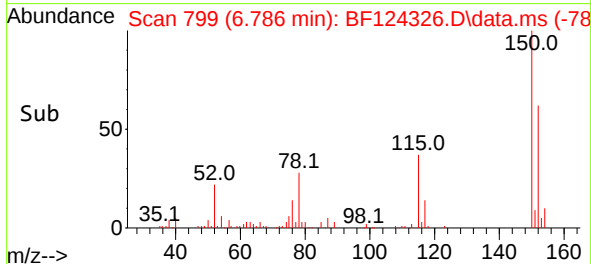
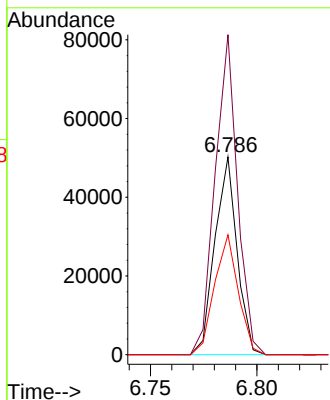
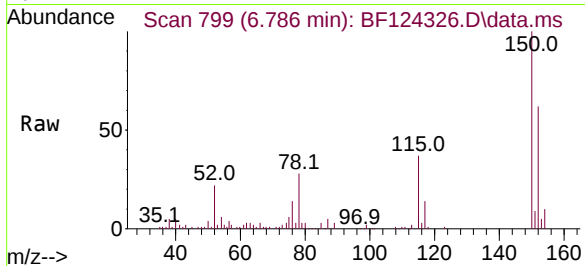




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.786 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

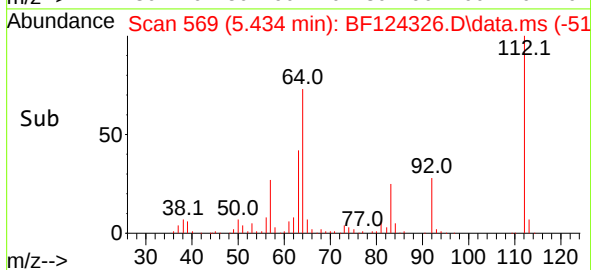
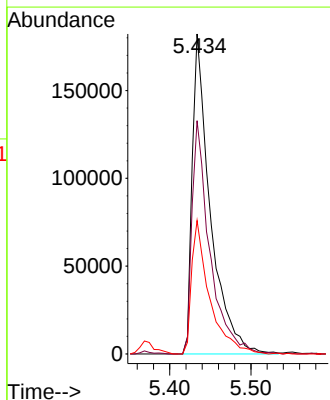
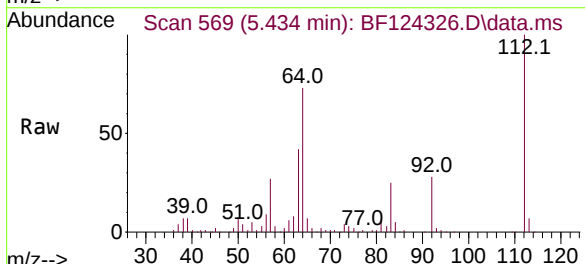
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

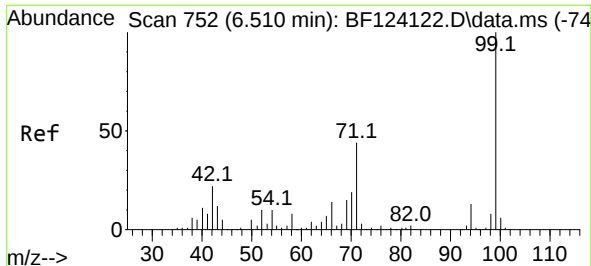
Tgt Ion:152 Resp: 36415
Ion Ratio Lower Upper
152 100
150 161.8 127.0 190.6
115 60.6 54.3 81.5



#5
2-Fluorophenol
Concen: 116.54 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion:112 Resp: 281906
Ion Ratio Lower Upper
112 100
64 72.9 61.4 92.0
63 41.7 33.0 49.4

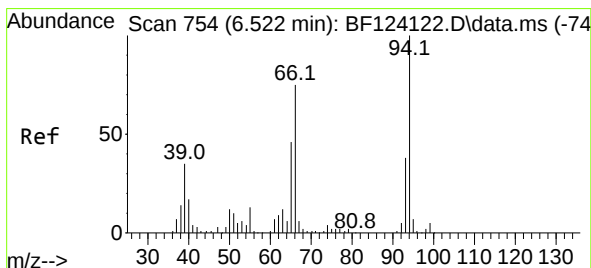
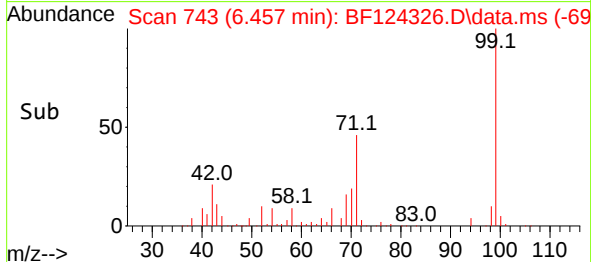
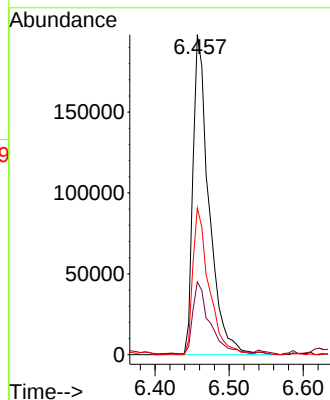
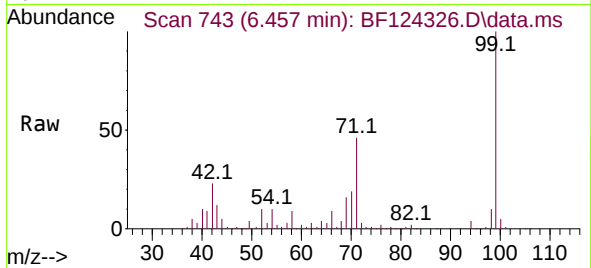




#7
Phenol-d6
Concen: 91.77 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

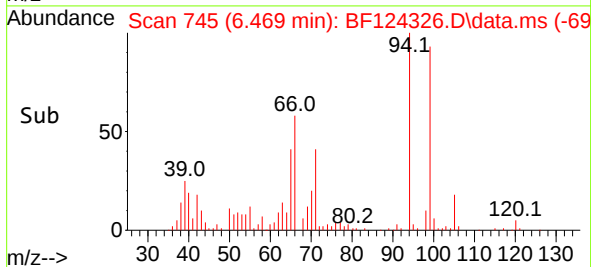
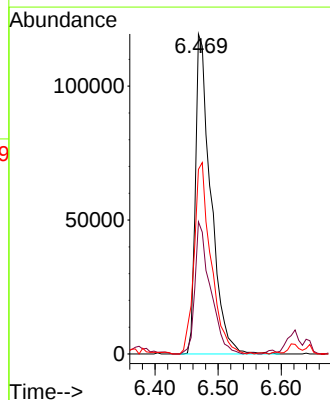
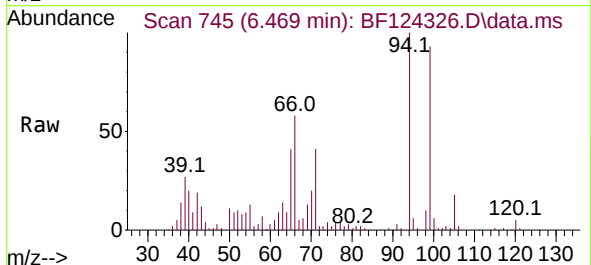
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

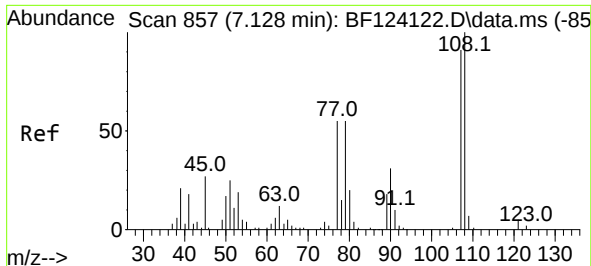
Tgt Ion: 99 Resp: 298404
Ion Ratio Lower Upper
99 100
42 22.7 19.8 29.8
71 45.8 31.1 46.7



#10
Phenol
Concen: 57.28 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.012 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion: 94 Resp: 201298
Ion Ratio Lower Upper
94 100
65 41.3 18.1 58.1
66 57.7 29.0 69.0

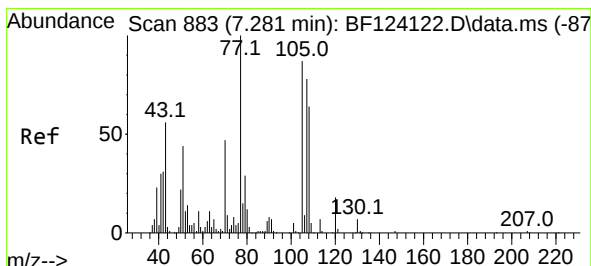
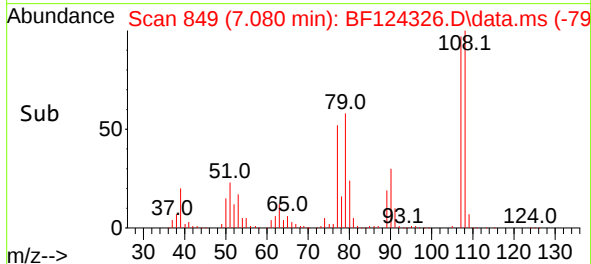
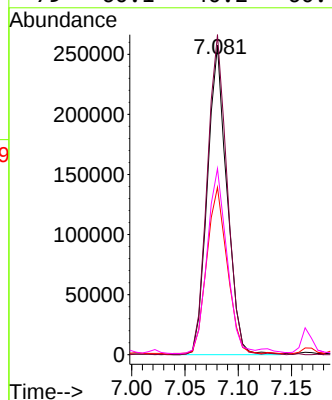
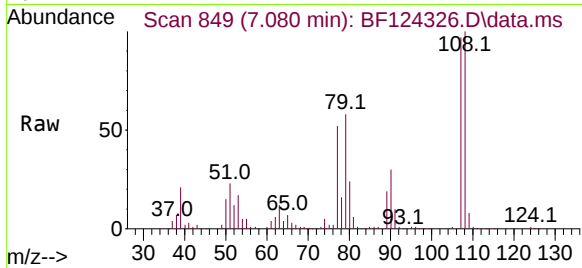




#17
2-Methylphenol
Concen: 150.41 ng
RT: 7.080 min Scan# 849
Delta R.T. 0.018 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

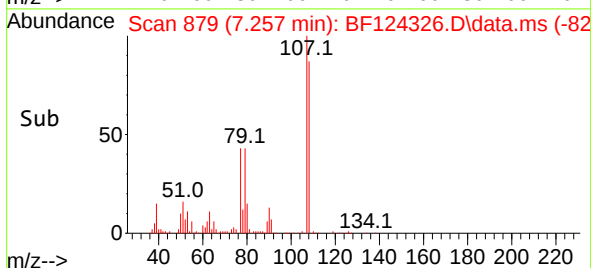
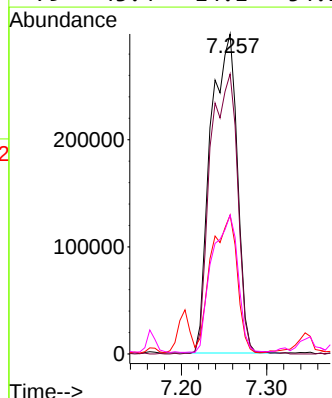
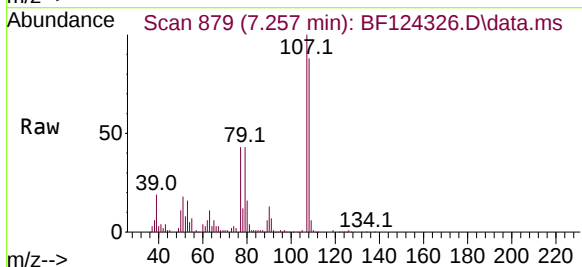
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

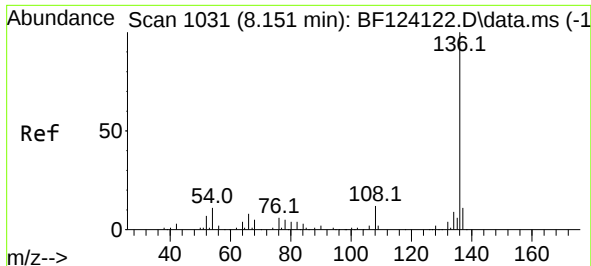
Tgt Ion:	107	Resp:	329106
Ion	Ratio	Lower	Upper
107	100		
108	103.4	89.8	134.8
77	54.1	40.9	61.3
79	60.1	40.2	60.4



#20
3+4-Methylphenols
Concen: 221.02 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.041 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

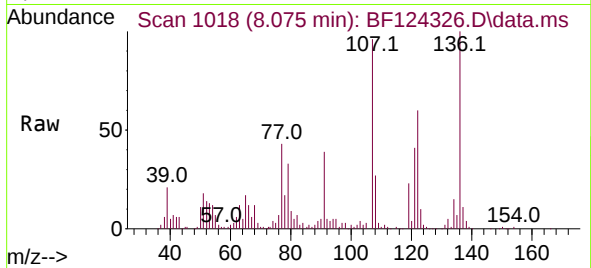
Tgt Ion:	107	Resp:	640802
Ion	Ratio	Lower	Upper
107	100		
108	87.5	71.5	111.5
77	43.4	82.0	122.0#
79	43.4	14.1	54.1



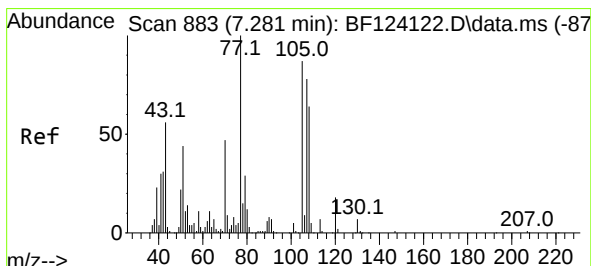
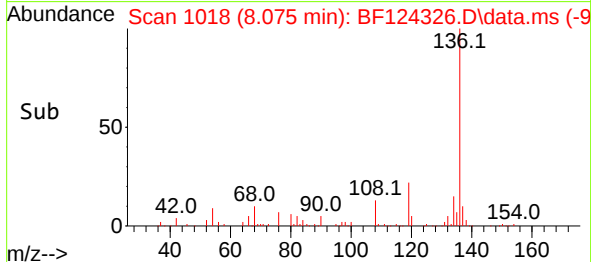
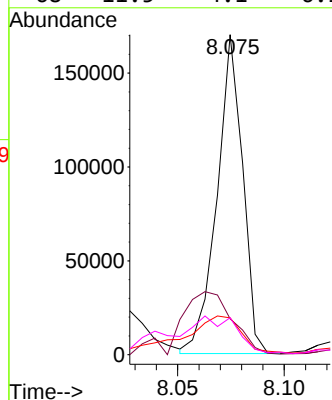


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Instrument :
BNA_F
ClientSampleId :
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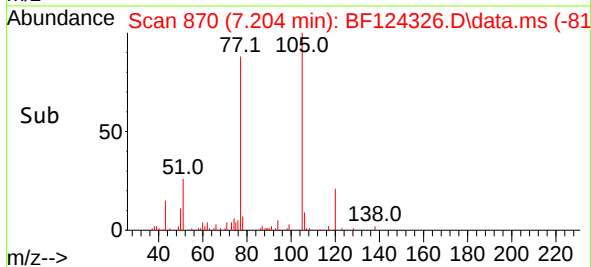
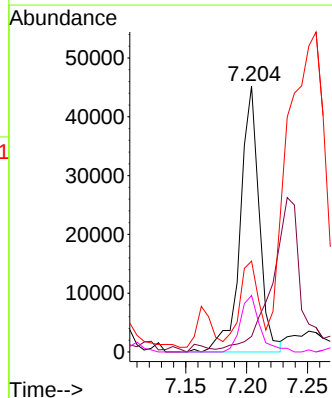
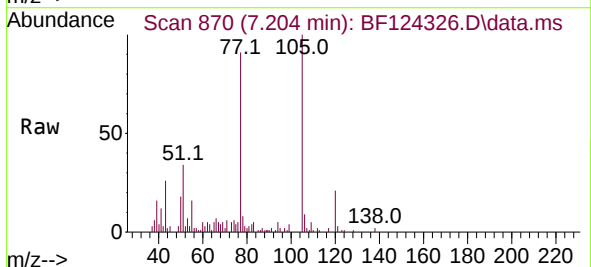


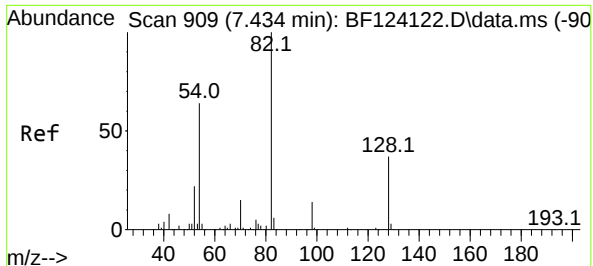
Tgt Ion:136 Resp: 142085
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 11.5 9.8 14.6
68 11.5 4.1 6.1#



#22
Acetophenone
Concen: 12.03 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion:105 Resp: 48732
Ion Ratio Lower Upper
105 100
71 5.8 4.2 6.4
51 34.2 33.6 50.4
120 21.2 16.3 24.5





#23

Nitrobenzene-d5

Concen: 94.42 ng

RT: 7.363 min Scan# 897

Delta R.T. 0.006 min

Lab File: BF124326.D

Acq: 15 Jun 2021 16:57

Instrument :

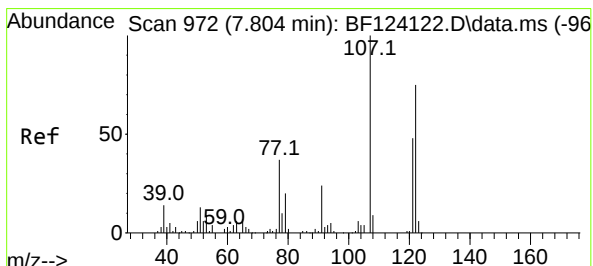
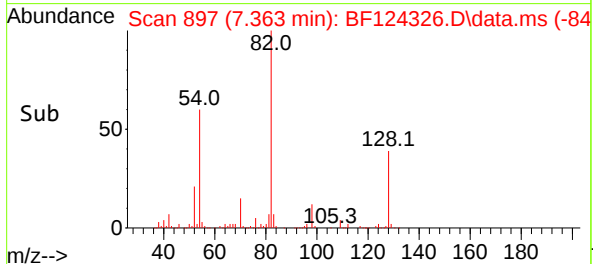
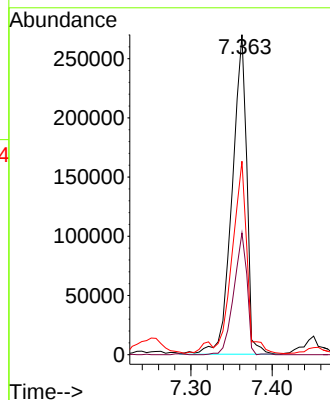
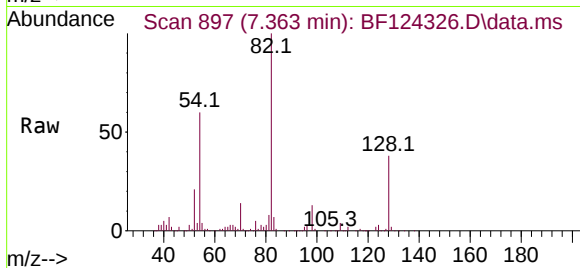
BNA_F

ClientSampleId :

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Tgt Ion: 82 Resp: 338264

Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.4	44.2
54	60.4	54.1	81.1



#27

2,4-Dimethylphenol

Concen: 261.58 ng

RT: 7.769 min Scan# 966

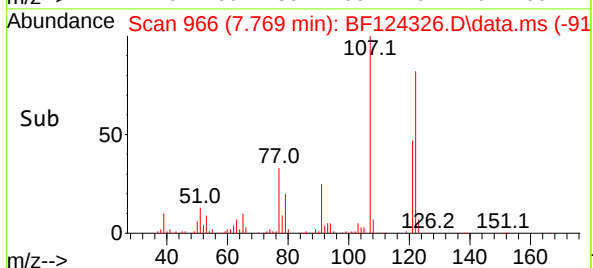
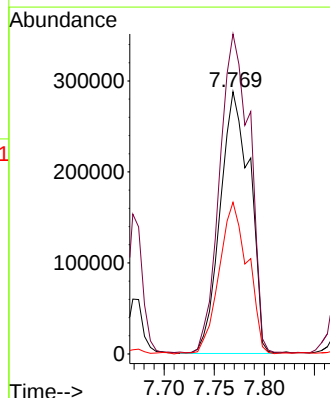
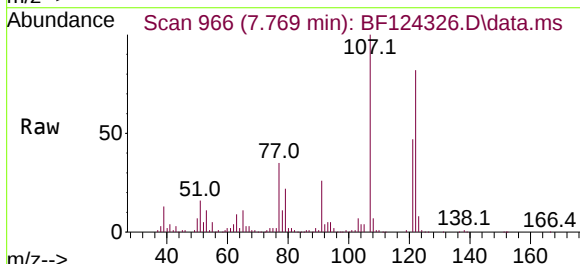
Delta R.T. 0.029 min

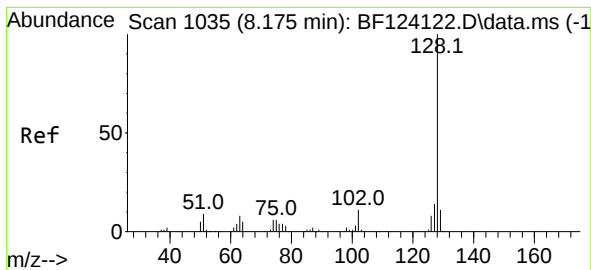
Lab File: BF124326.D

Acq: 15 Jun 2021 16:57

Tgt Ion: 122 Resp: 592169

Ion	Ratio	Lower	Upper
122	100		
107	122.0	106.3	159.5
121	57.8	45.4	68.0

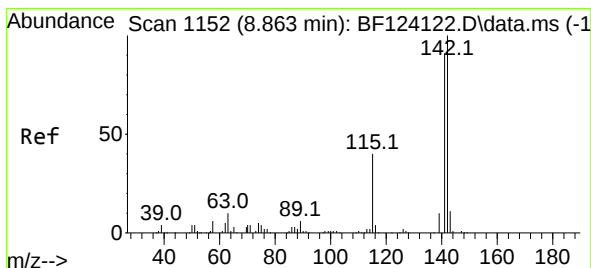
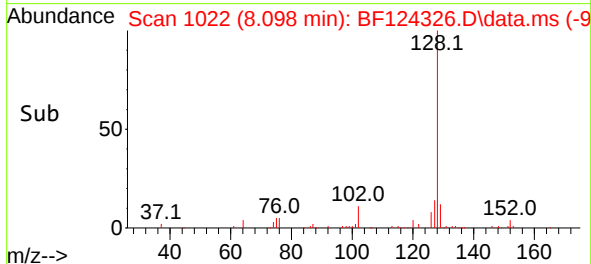
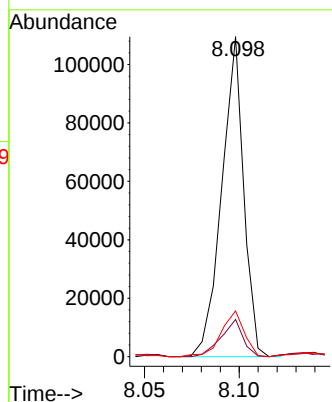
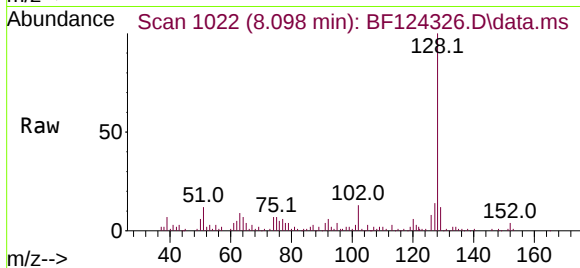




#31
Naphthalene
Concen: 10.40 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

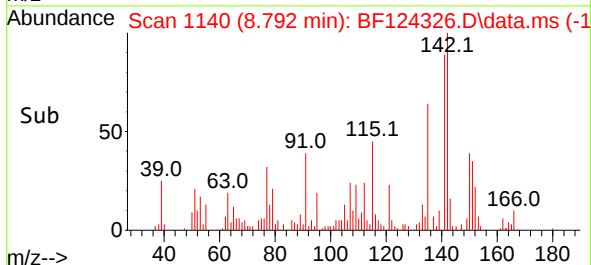
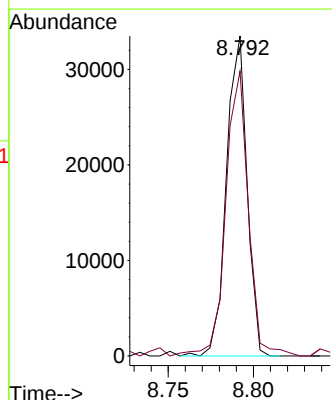
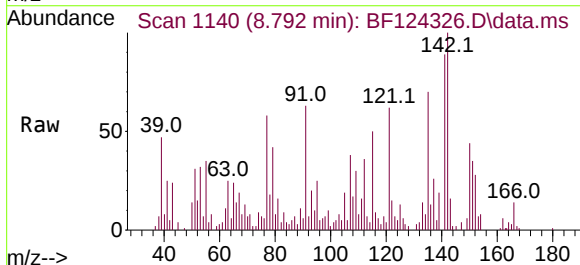
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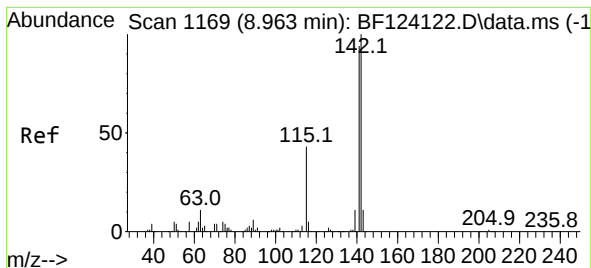
Tgt Ion:128 Resp: 88359
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 14.3 10.8 16.2



#37
2-Methylnaphthalene
Concen: 4.72 ng
RT: 8.792 min Scan# 1140
Delta R.T. 0.006 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion:142 Resp: 28132
Ion Ratio Lower Upper
142 100
141 89.0 71.8 107.6

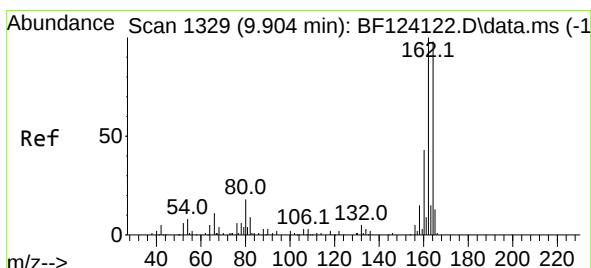
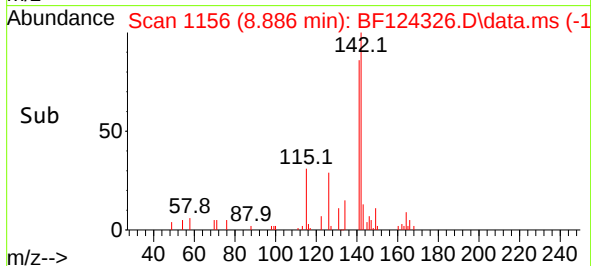
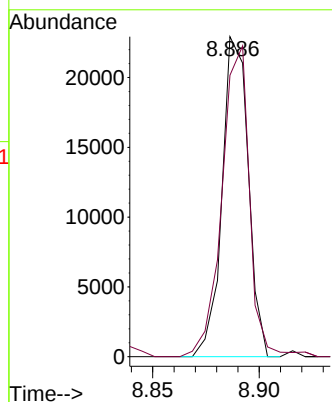
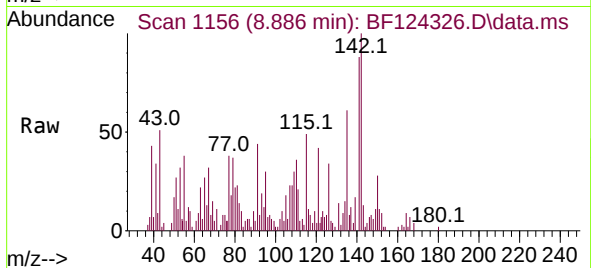




#38
1-Methylnaphthalene
Concen: 3.51 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

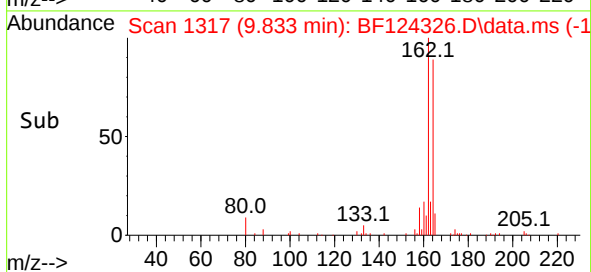
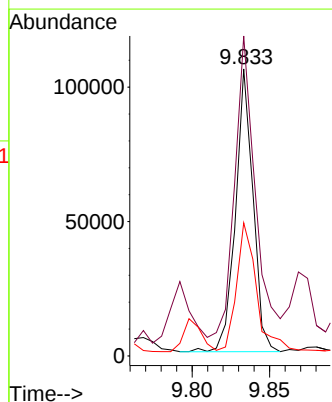
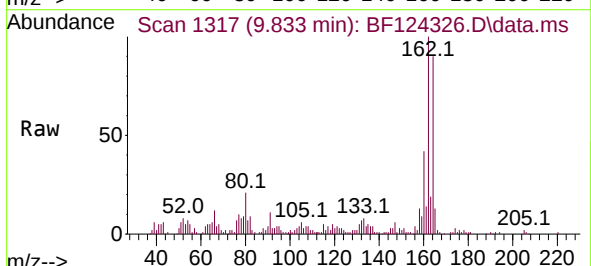
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

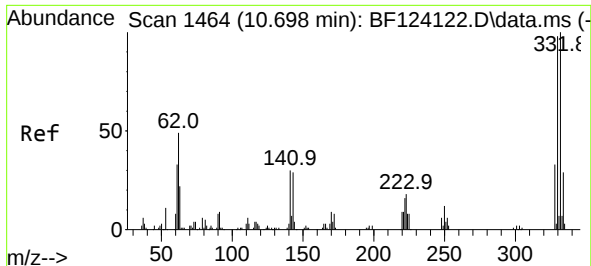
Tgt Ion:142 Resp: 19547
Ion Ratio Lower Upper
142 100
141 87.9 72.8 109.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

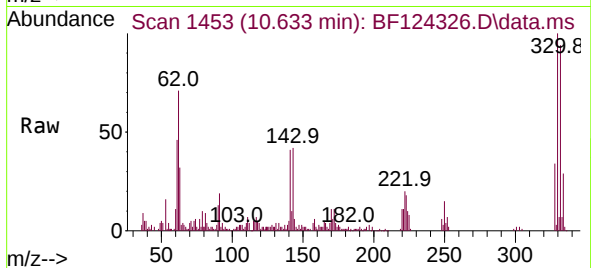
Tgt Ion:164 Resp: 82744
Ion Ratio Lower Upper
164 100
162 111.5 80.7 121.1
160 46.4 37.3 55.9



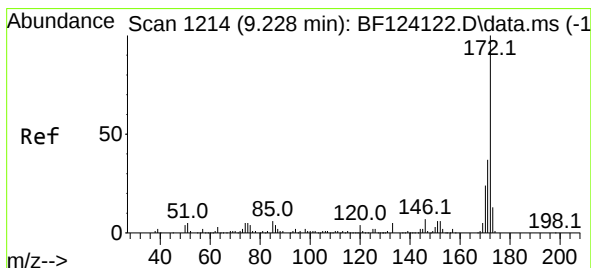
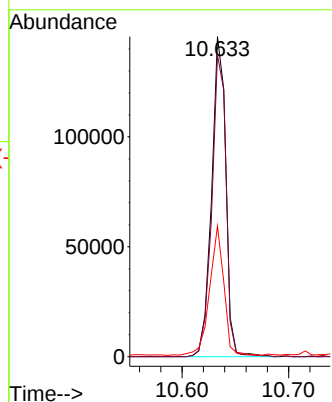
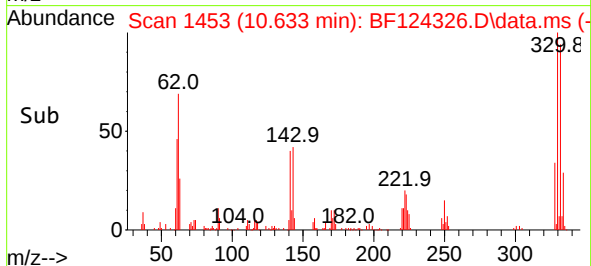


#42
2,4,6-Tribromophenol
Concen: 115.18 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.012 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

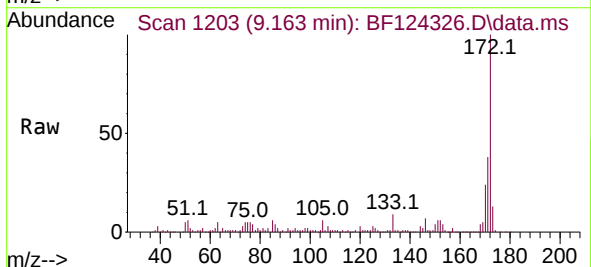
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921



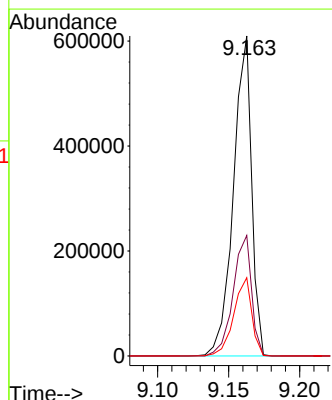
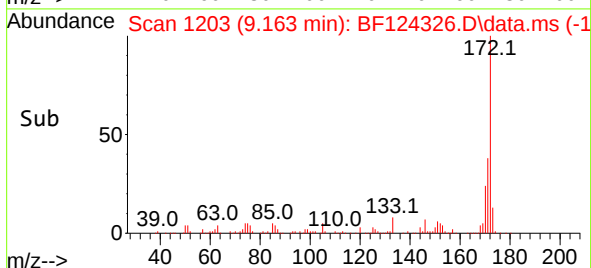
Tgt Ion: 330 Resp: 135020
Ion Ratio Lower Upper
330 100
332 94.7 77.1 115.7
141 40.5 27.9 41.9

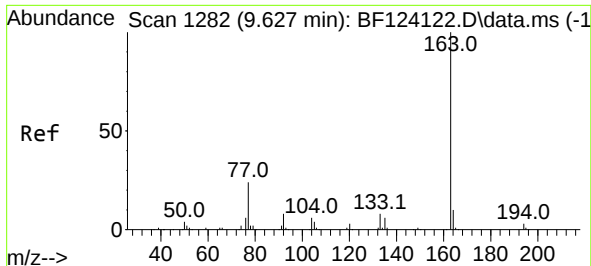


#45
2-Fluorobiphenyl
Concen: 82.68 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.012 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57



Tgt Ion: 172 Resp: 543669
Ion Ratio Lower Upper
172 100
171 37.6 28.1 42.1
170 24.5 19.2 28.8

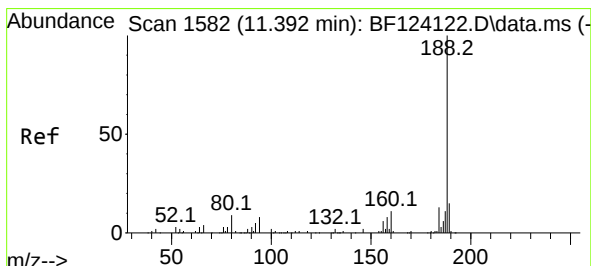
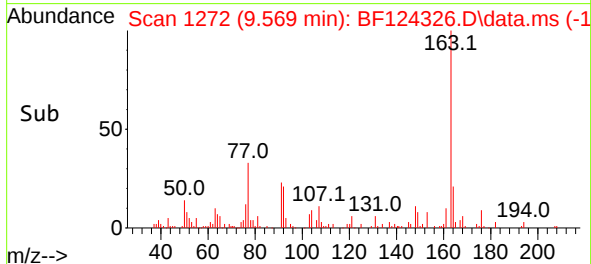
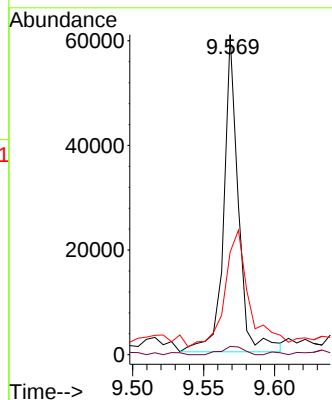
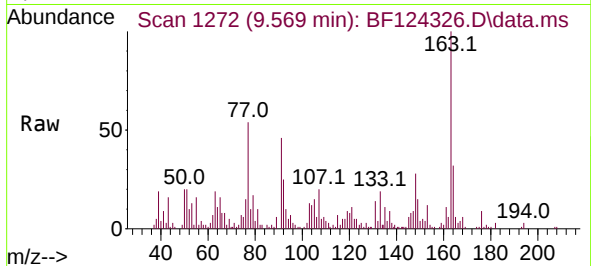




#50
Dimethylphthalate
Concen: 6.35 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.012 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

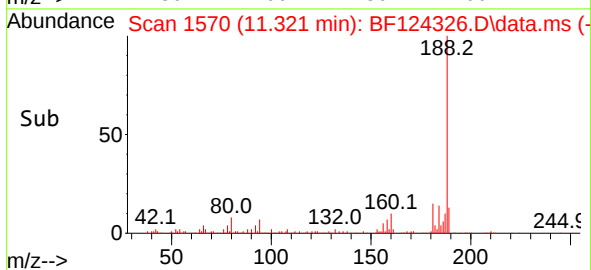
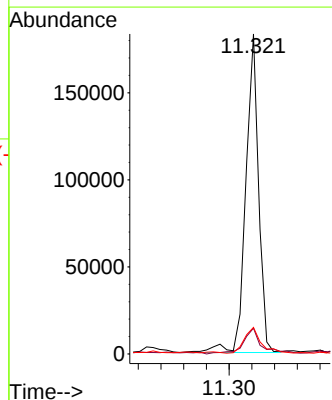
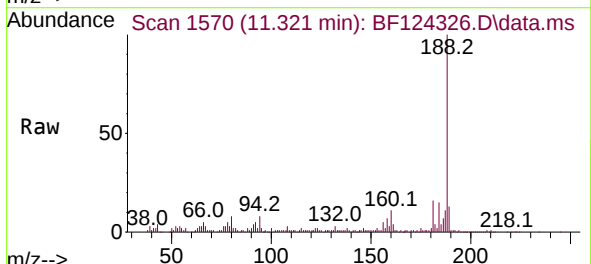
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

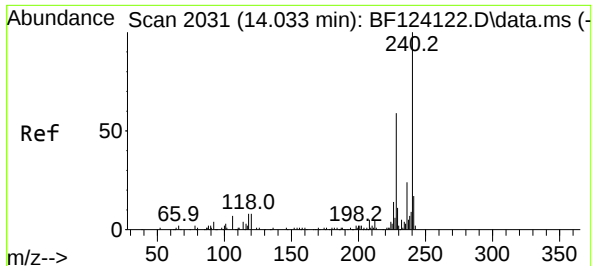
Tgt Ion:163 Resp: 43471
Ion Ratio Lower Upper
163 100
194 2.6 3.1 4.7#
164 32.1 8.2 12.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.321 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion:188 Resp: 143236
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 8.3 8.2 12.2

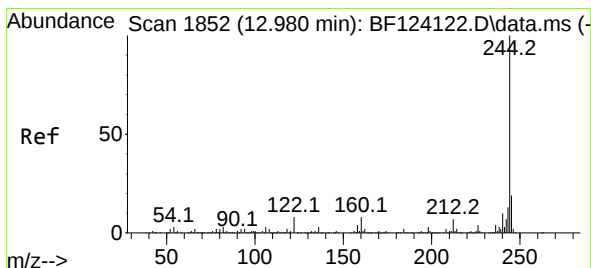
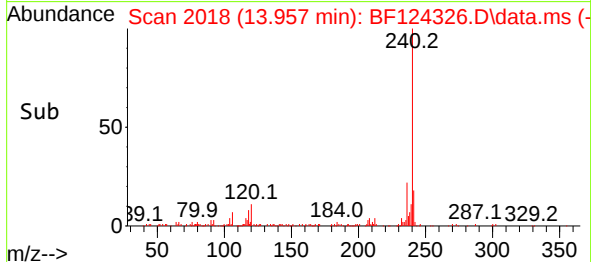
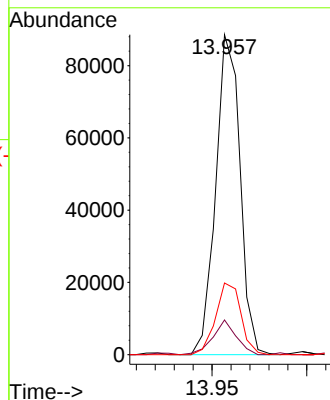
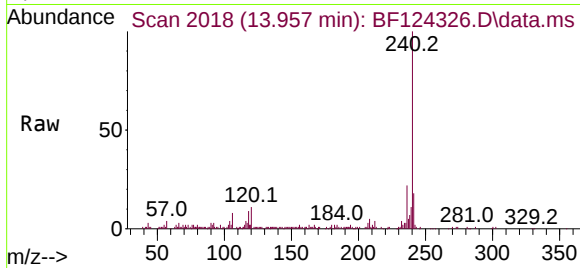




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

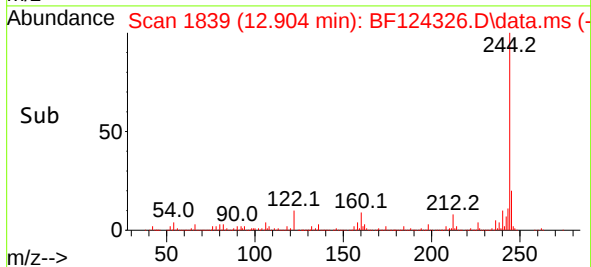
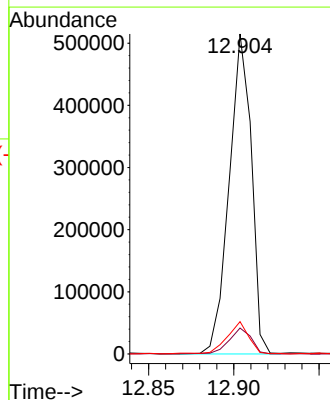
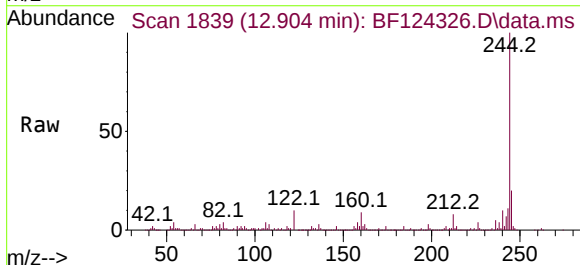
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

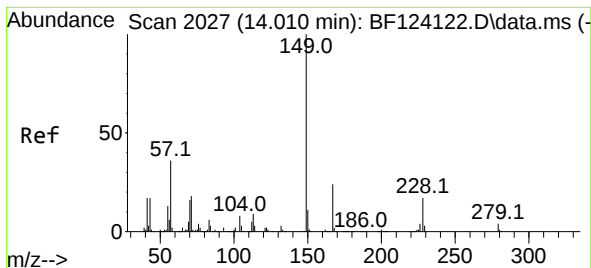
Tgt Ion:240 Resp: 78902
Ion Ratio Lower Upper
240 100
120 10.9 7.2 10.8#
236 22.4 19.0 28.4



#79
Terphenyl-d14
Concen: 81.02 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion:244 Resp: 465583
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 10.1 9.7 14.5

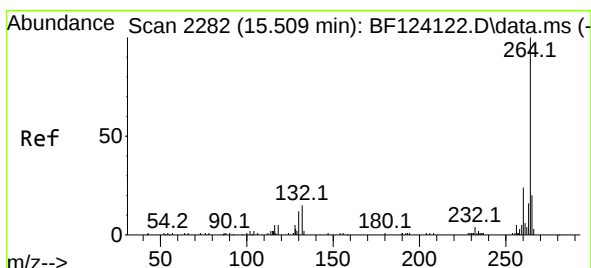
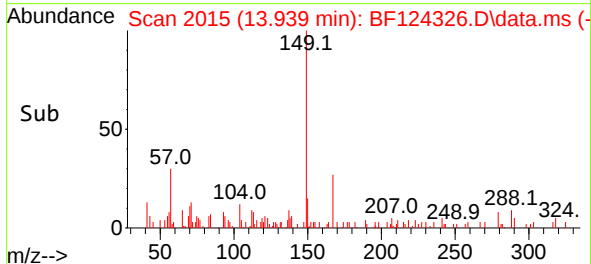
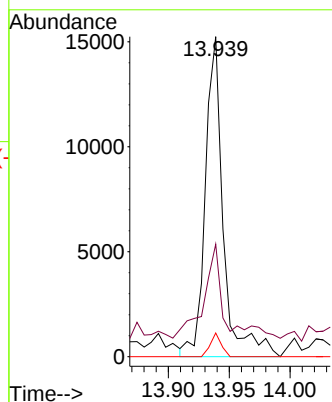
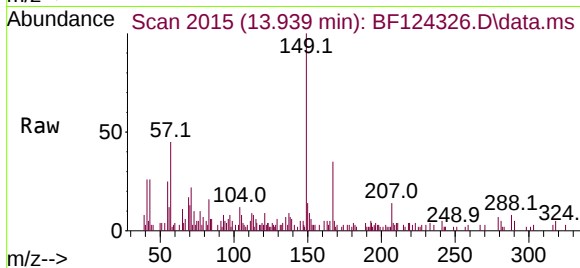




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.27 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

Tgt Ion:149 Resp: 15607
Ion Ratio Lower Upper
149 100
167 35.2 21.8 32.6#
279 7.4 3.3 4.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion:264 Resp: 86683
Ion Ratio Lower Upper
264 100
260 21.7 18.7 28.1
265 20.2 17.8 26.8

