

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061521\
 Data File : BF124325.D
 Acq On : 15 Jun 2021 16:23
 Operator : JU/CG
 Sample : M2674-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-04-060921

Quant Time: Jun 15 16:54:19 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)

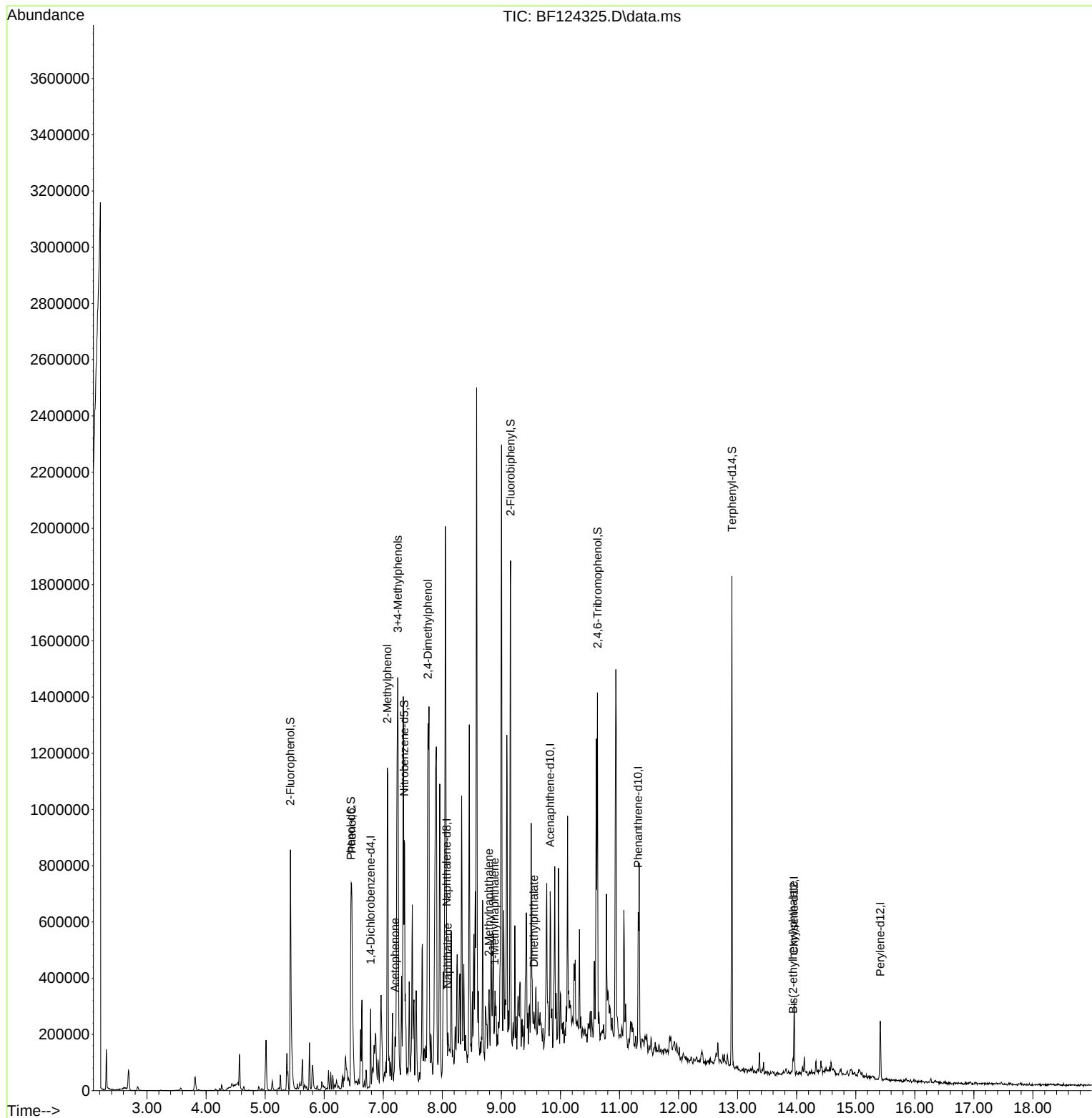
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	32063	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	133247	20.00	ng	# 0.00
39) Acenaphthene-d10	9.827	164	73307	20.00	ng	0.00
64) Phenanthrene-d10	11.316	188	140129	20.00	ng	0.00
76) Chrysene-d12	13.957	240	75362	20.00	ng	0.00
86) Perylene-d12	15.415	264	81629	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	248066	116.47	ng	0.01
7) Phenol-d6	6.451	99	274350	95.83	ng	0.00
23) Nitrobenzene-d5	7.357	82	289474	86.16	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	125471	120.81	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	481297	82.62	ng	0.00
79) Terphenyl-d14	12.904	244	506782	92.33	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.469	94	179844	58.13	ng	89
17) 2-Methylphenol	7.069	107	236144	122.57	ng	89
20) 3+4-Methylphenols	7.245	107	533613	209.03	ng	# 71
22) Acetophenone	7.198	105	28674	7.55	ng	# 78
27) 2,4-Dimethylphenol	7.757	122	401035	188.90	ng	93
31) Naphthalene	8.092	128	50207	6.30	ng	99
37) 2-Methylnaphthalene	8.786	142	17317	3.10	ng	91
38) 1-Methylnaphthalene	8.886	142	12683	2.43	ng	99
50) Dimethylphthalate	9.551	163	32533	5.36	ng	# 89
84) Bis(2-ethylhexyl)phtha...	13.939	149	14358	4.11	ng	99

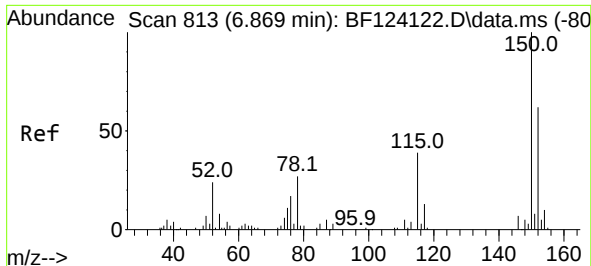
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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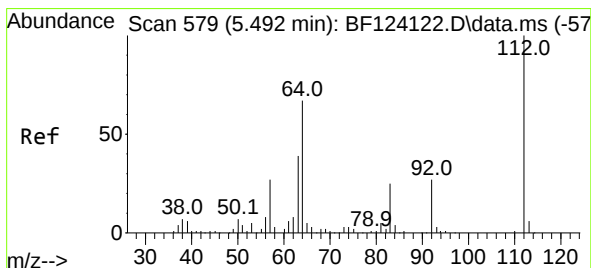
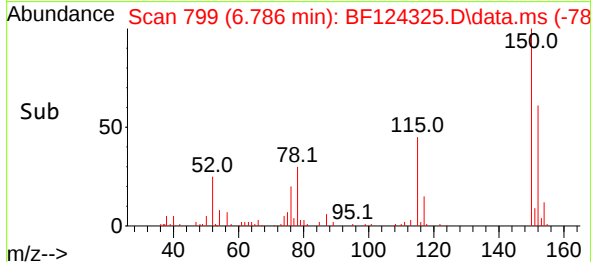
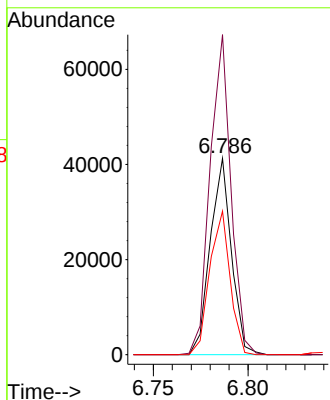
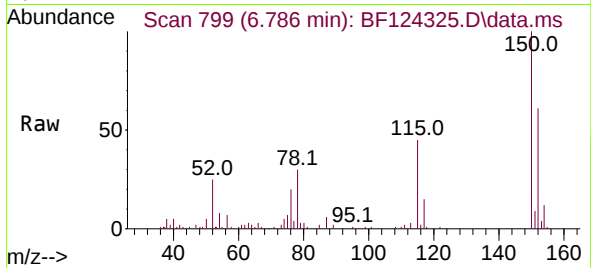




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.786 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

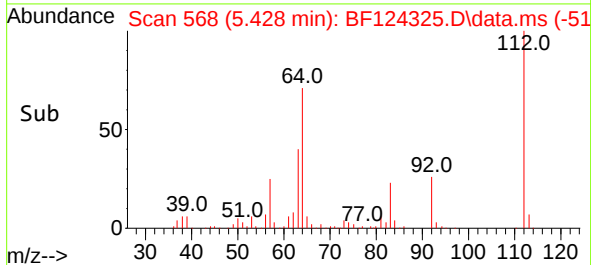
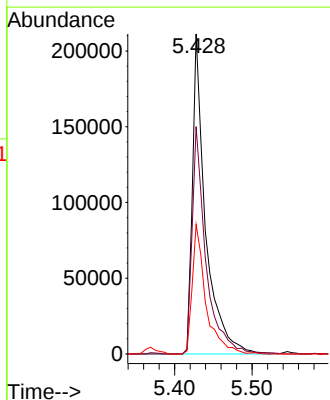
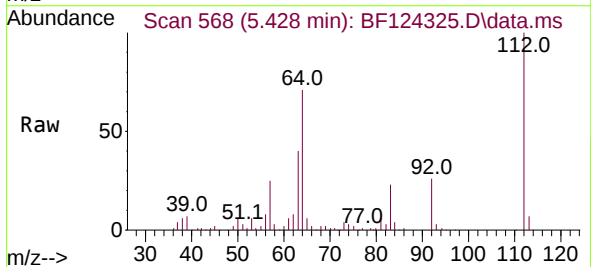
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

Tgt Ion:152 Resp: 32063
Ion Ratio Lower Upper
152 100
150 162.9 127.0 190.6
115 73.1 54.3 81.5



#5
2-Fluorophenol
Concen: 116.47 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion:112 Resp: 248066
Ion Ratio Lower Upper
112 100
64 71.0 61.4 92.0
63 40.4 33.0 49.4

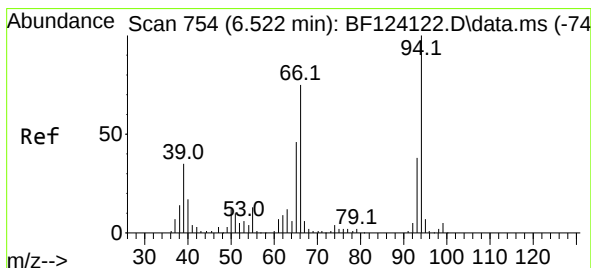
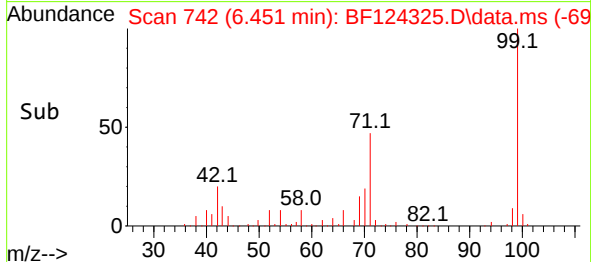
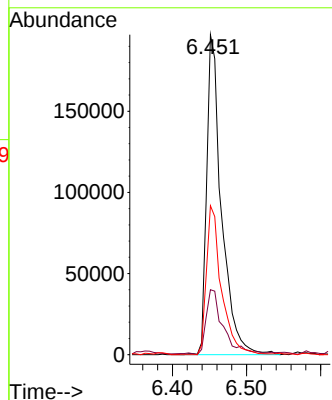
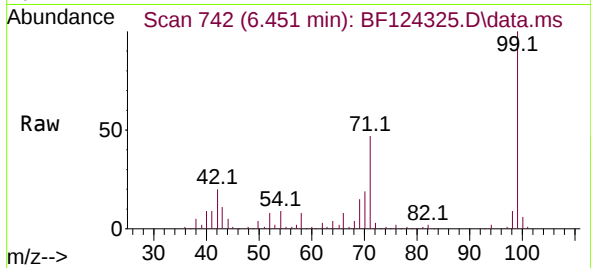




#7
Phenol-d6
Concen: 95.83 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

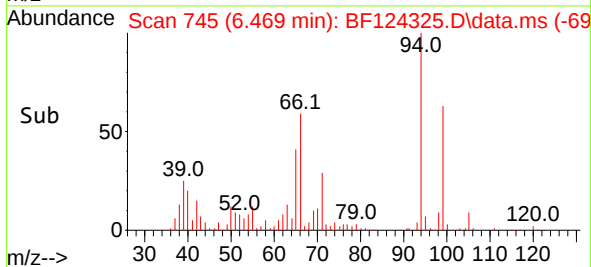
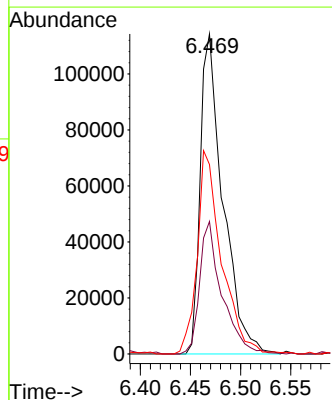
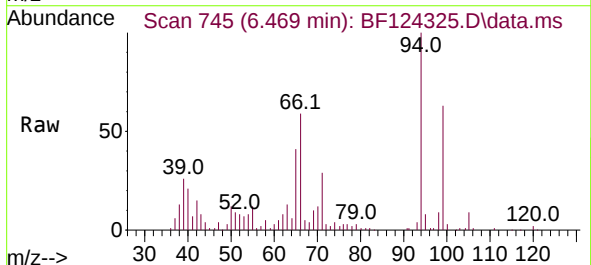
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

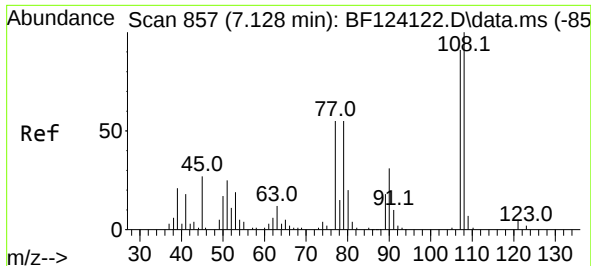
Tgt Ion: 99 Resp: 274350
Ion Ratio Lower Upper
99 100
42 20.3 19.8 29.8
71 46.5 31.1 46.7



#10
Phenol
Concen: 58.13 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.012 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion: 94 Resp: 179844
Ion Ratio Lower Upper
94 100
65 41.4 18.1 58.1
66 59.2 29.0 69.0

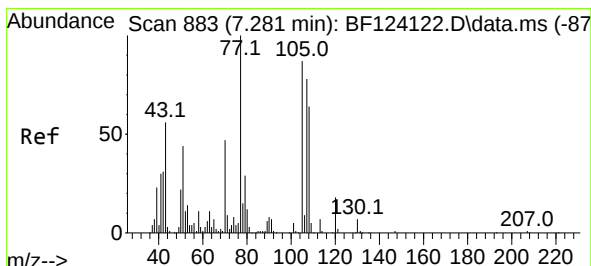
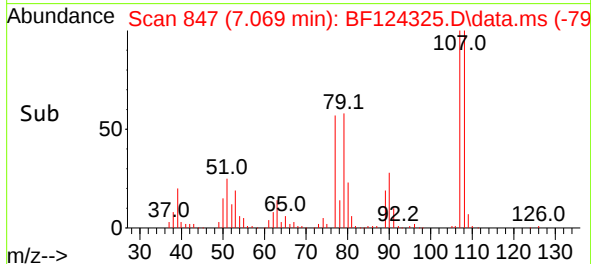
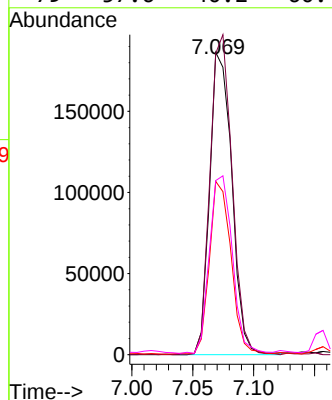
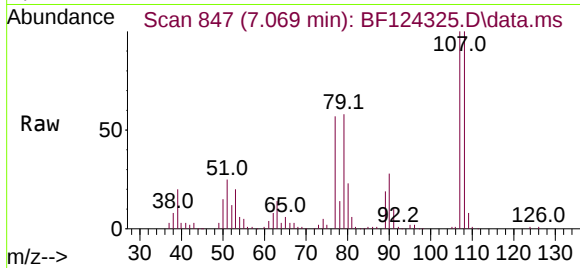




#17
2-Methylphenol
Concen: 122.57 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

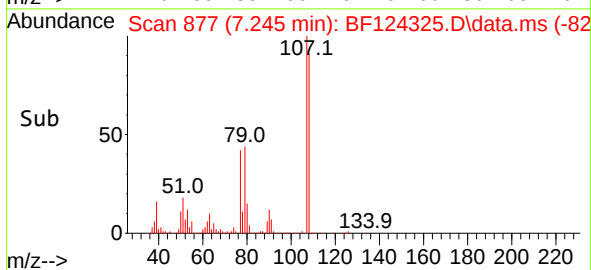
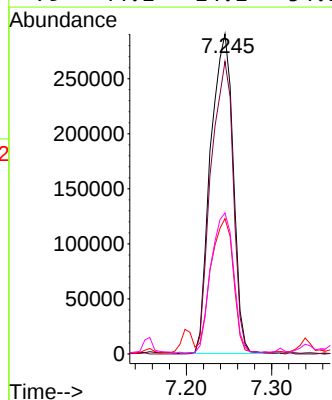
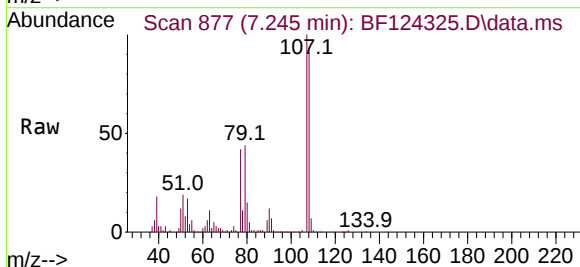
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

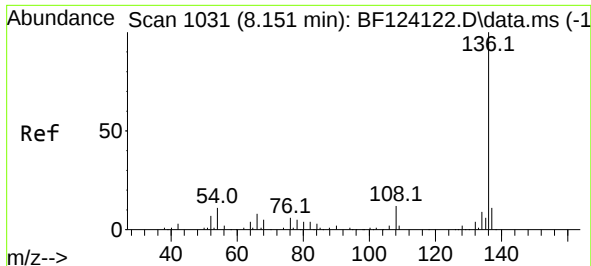
Tgt Ion:	107	Resp:	236144
Ion	Ratio	Lower	Upper
107	100		
108	99.7	89.8	134.8
77	57.3	40.9	61.3
79	57.6	40.2	60.4



#20
3+4-Methylphenols
Concen: 209.03 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.029 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion:	107	Resp:	533613
Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.5	111.5
77	42.3	82.0	122.0#
79	44.1	14.1	54.1



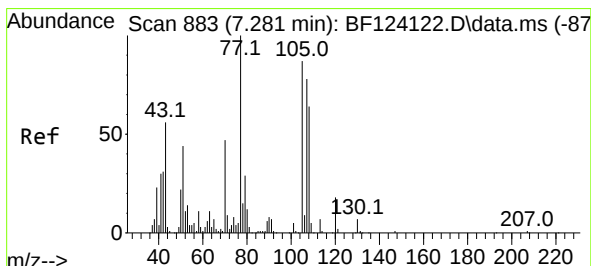
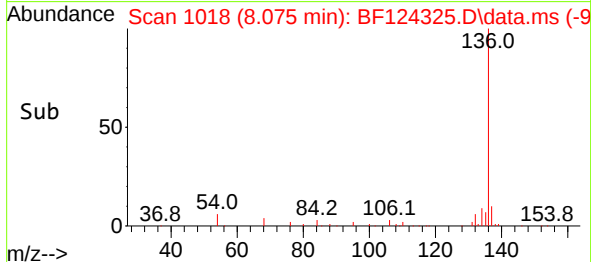
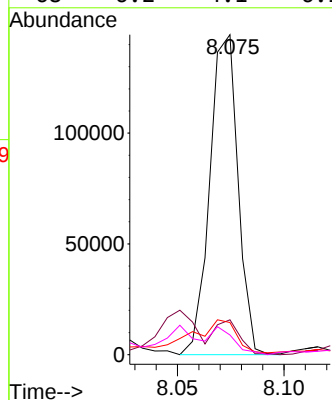
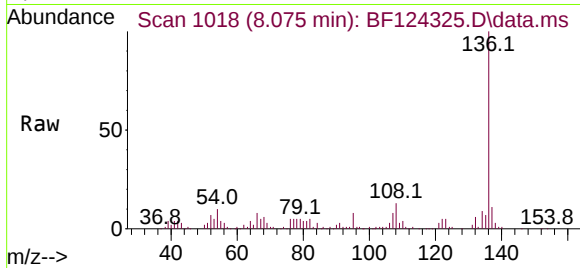


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

Tgt Ion:136 Resp: 133247

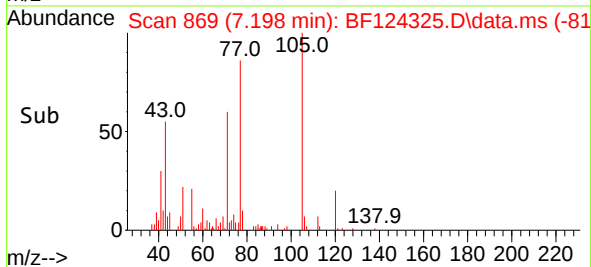
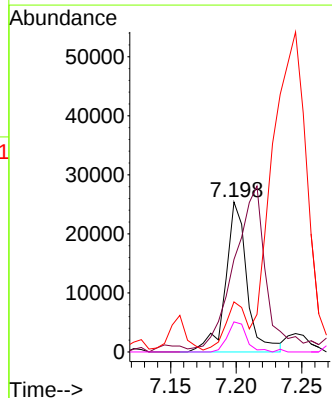
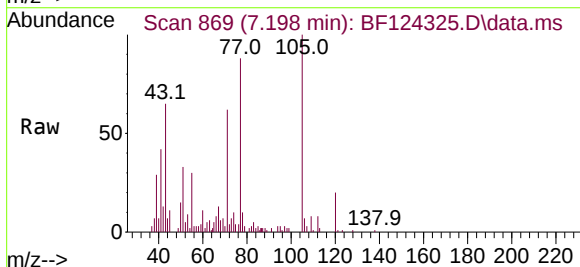
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.1	9.8	14.6
68	6.2	4.1	6.1#

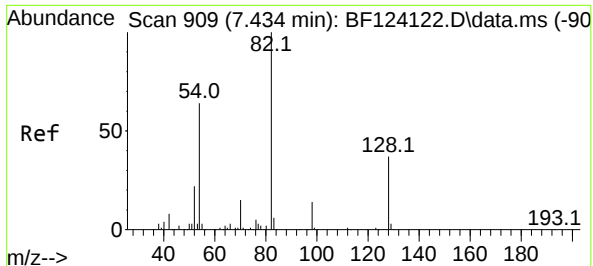


#22
Acetophenone
Concen: 7.55 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion:105 Resp: 28674

Ion	Ratio	Lower	Upper
105	100		
71	61.7	4.2	6.4#
51	33.4	33.6	50.4#
120	20.0	16.3	24.5





#23

Nitrobenzene-d5

Concen: 86.16 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF124325.D

Acq: 15 Jun 2021 16:23

Instrument :

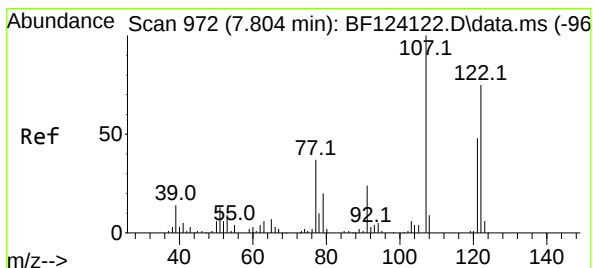
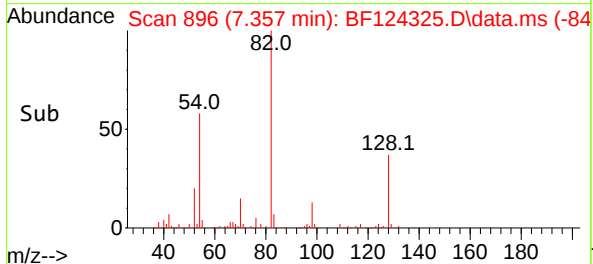
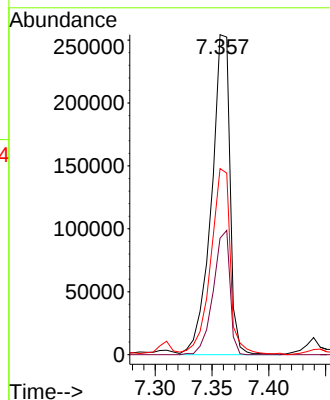
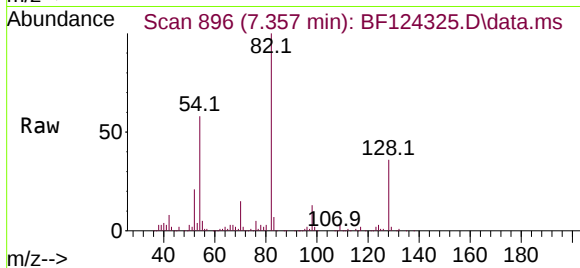
BNA_F

ClientSampleId :

TMR-DS-04-060921

Tgt Ion: 82 Resp: 289474

Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.4	44.2
54	58.1	54.1	81.1



#27

2,4-Dimethylphenol

Concen: 188.90 ng

RT: 7.757 min Scan# 964

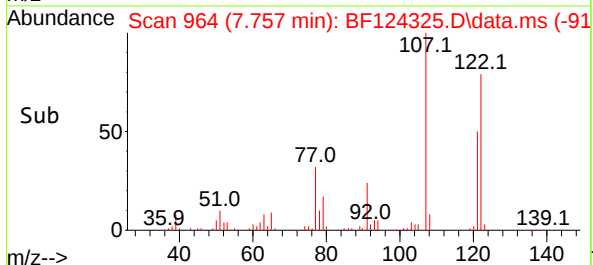
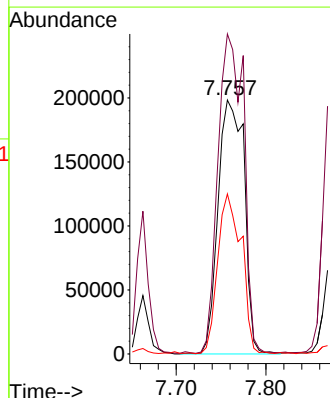
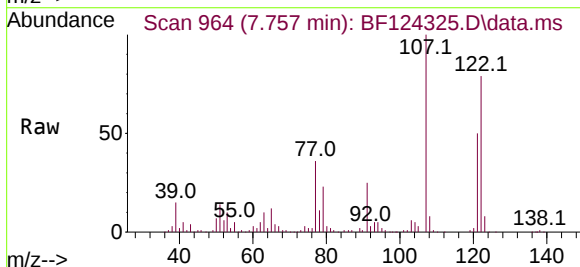
Delta R.T. 0.018 min

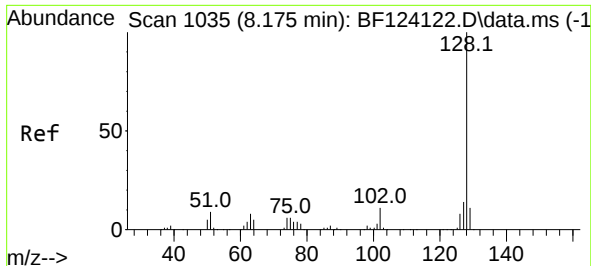
Lab File: BF124325.D

Acq: 15 Jun 2021 16:23

Tgt Ion: 122 Resp: 401035

Ion	Ratio	Lower	Upper
122	100		
107	126.0	106.3	159.5
121	63.0	45.4	68.0

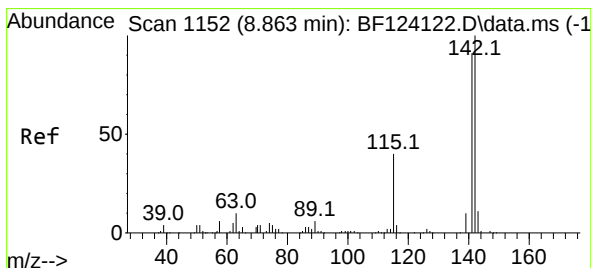
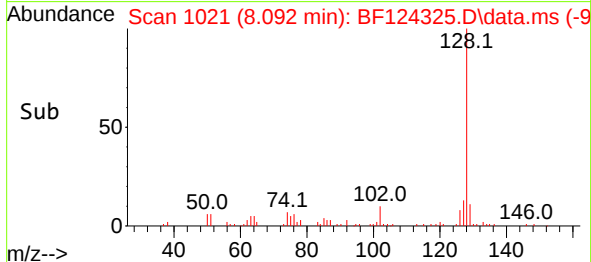
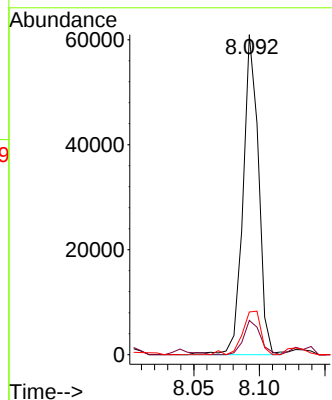
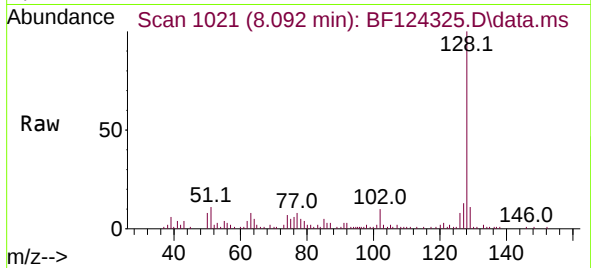




#31
Naphthalene
Concen: 6.30 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

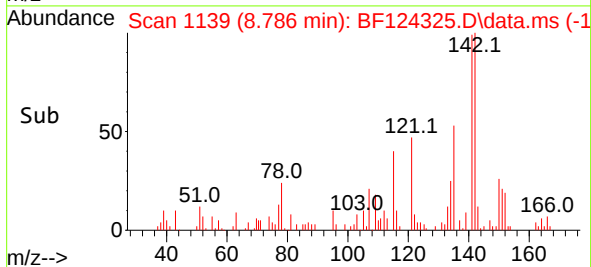
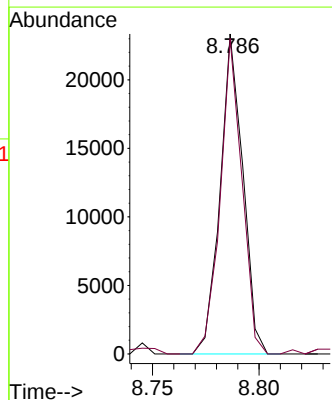
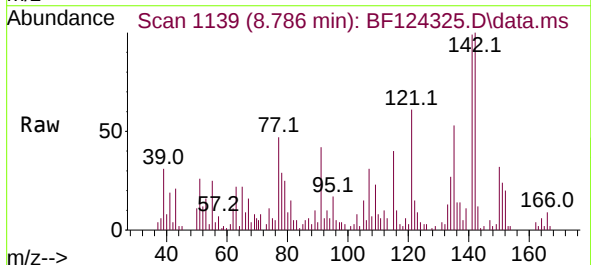
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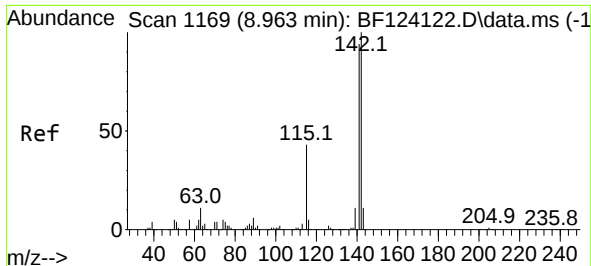
Tgt Ion:128 Resp: 50207
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.3 10.8 16.2



#37
2-Methylnaphthalene
Concen: 3.10 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion:142 Resp: 17317
Ion Ratio Lower Upper
142 100
141 98.6 71.8 107.6

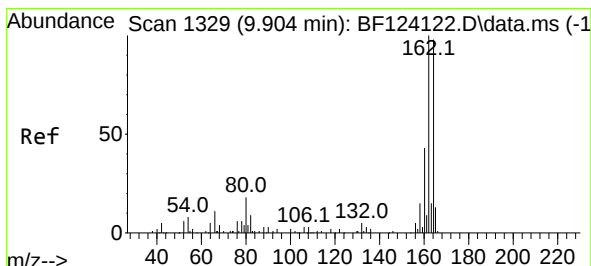
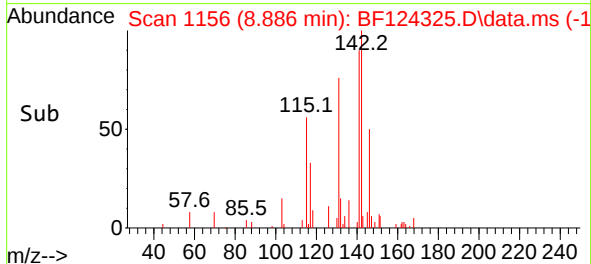
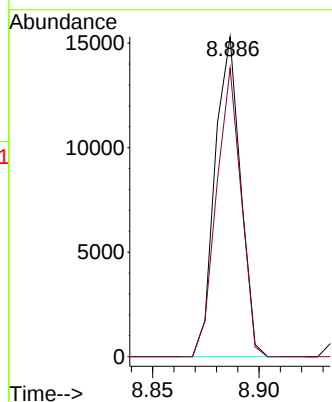
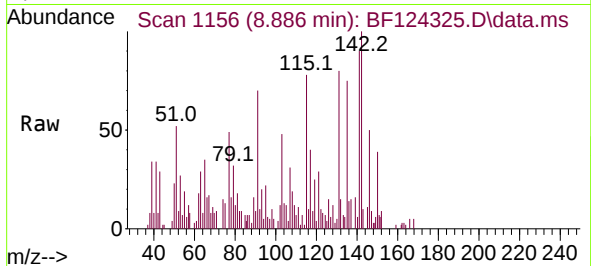




#38
1-Methylnaphthalene
Concen: 2.43 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

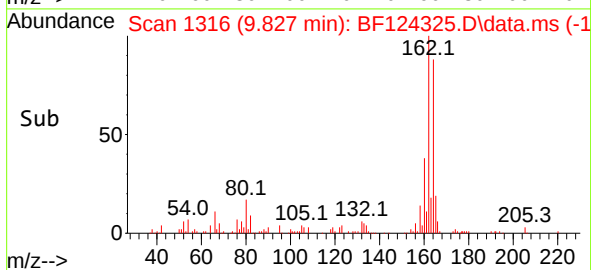
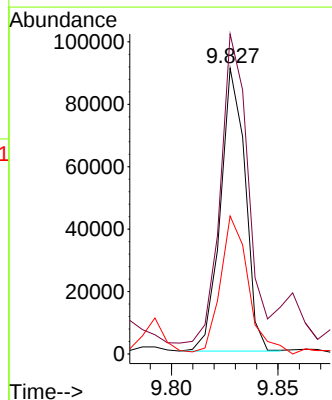
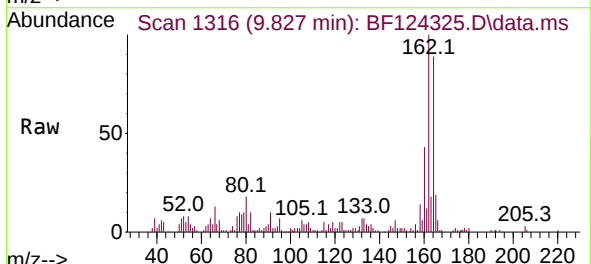
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

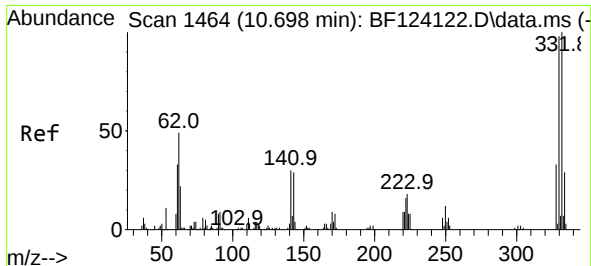
Tgt Ion:142 Resp: 12683
Ion Ratio Lower Upper
142 100
141 90.2 72.8 109.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion:164 Resp: 73307
Ion Ratio Lower Upper
164 100
162 112.0 80.7 121.1
160 48.3 37.3 55.9

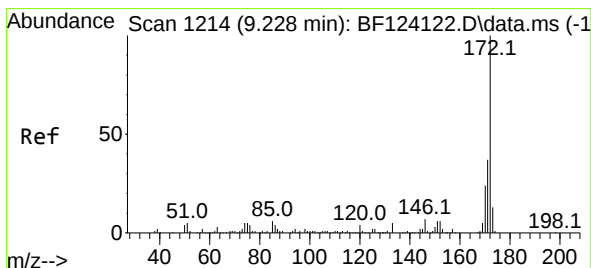
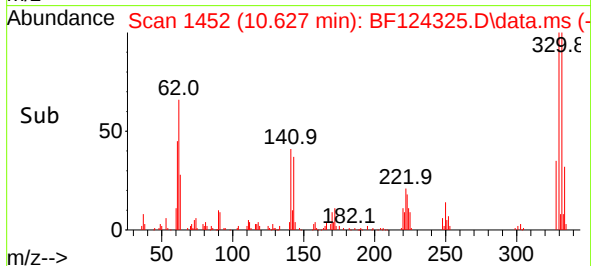
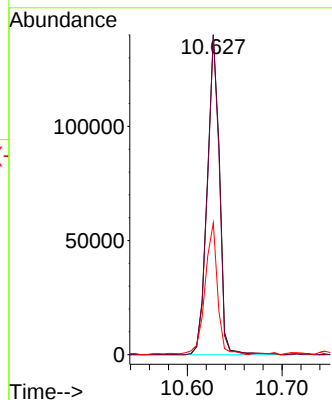
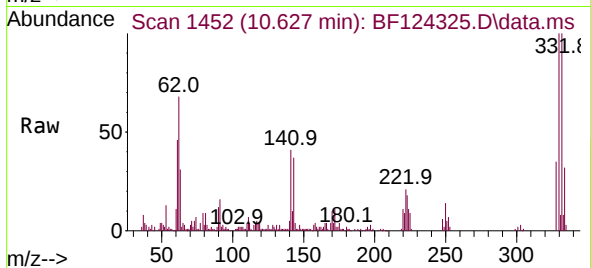




#42
2,4,6-Tribromophenol
Concen: 120.81 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

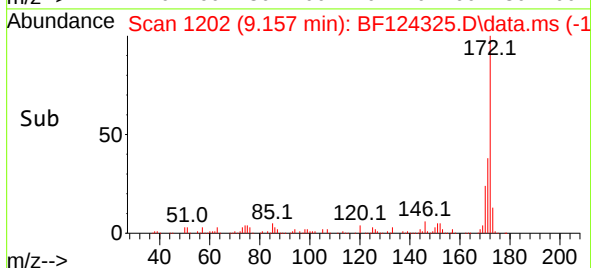
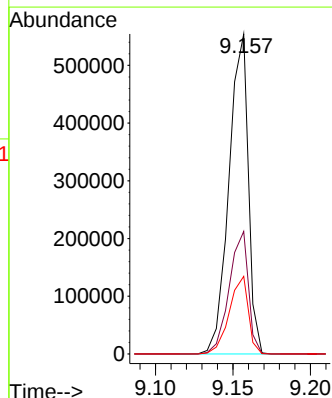
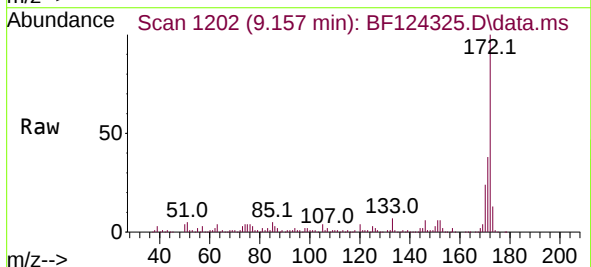
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

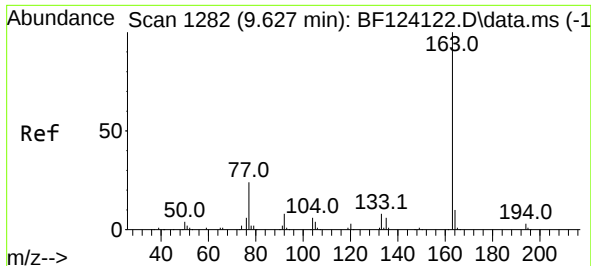
Tgt Ion: 330 Resp: 125471
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 42.6 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 82.62 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.006 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion: 172 Resp: 481297
Ion Ratio Lower Upper
172 100
171 38.3 28.1 42.1
170 24.3 19.2 28.8

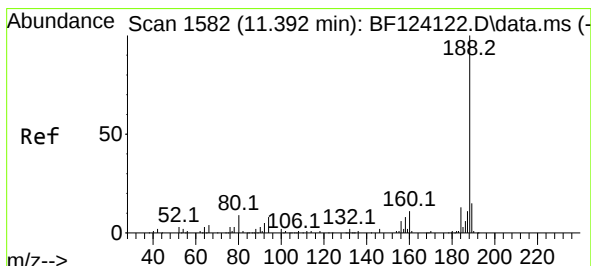
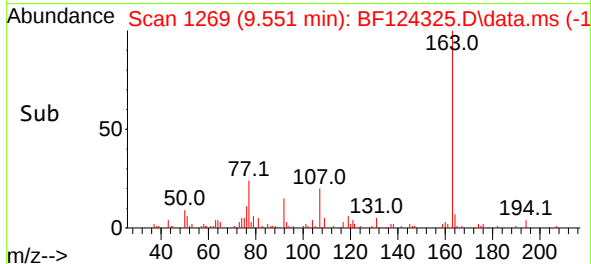
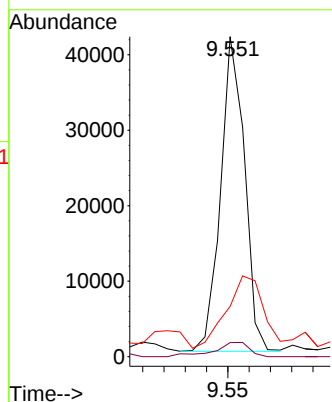
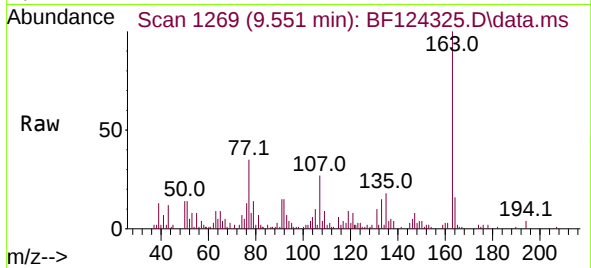




#50
Dimethylphthalate
Concen: 5.36 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

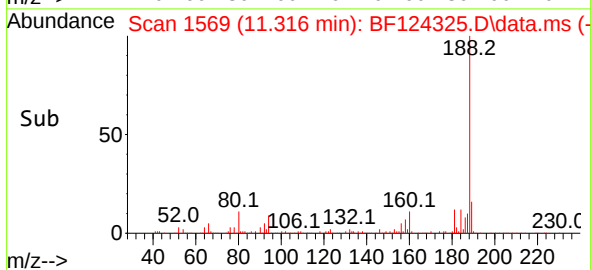
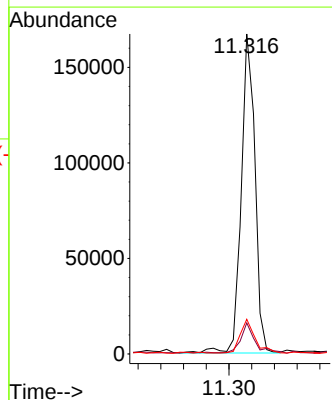
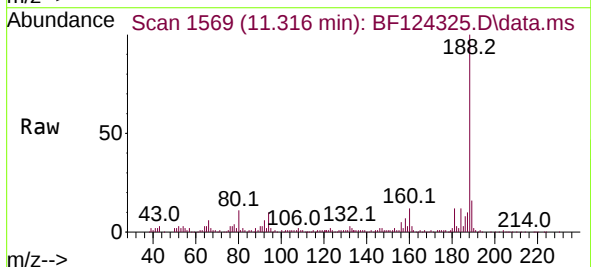
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

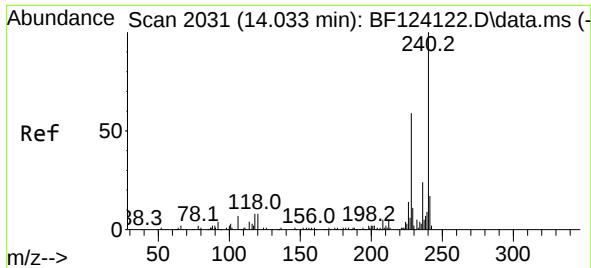
Tgt Ion:163 Resp: 32533
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 15.7 8.2 12.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion:188 Resp: 140129
Ion Ratio Lower Upper
188 100
94 9.7 6.9 10.3
80 10.8 8.2 12.2

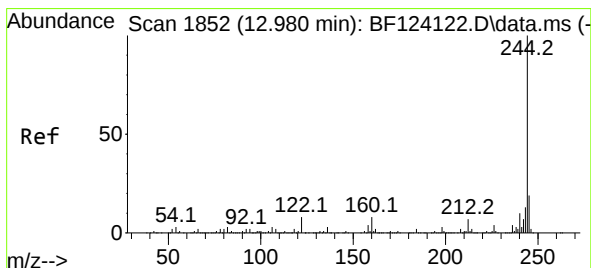
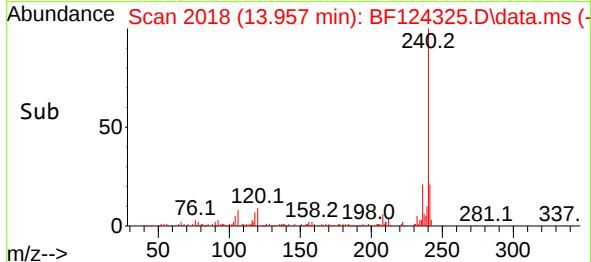
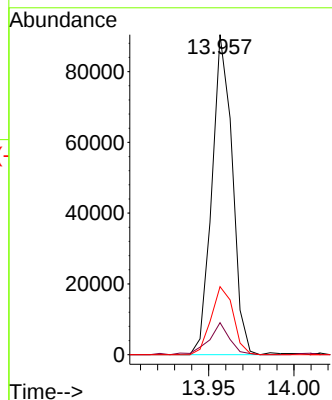
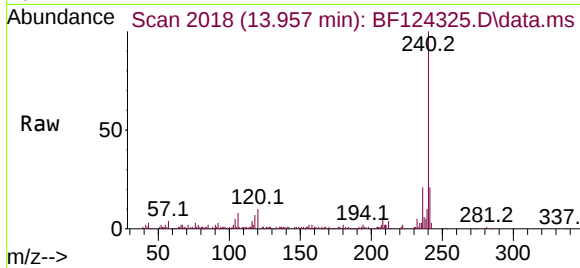




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

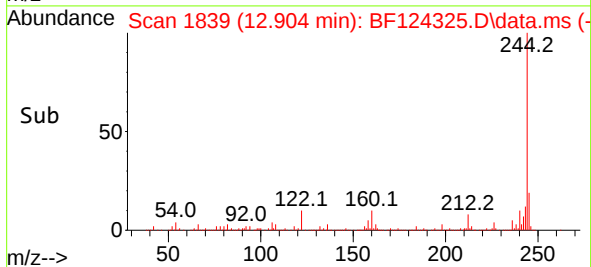
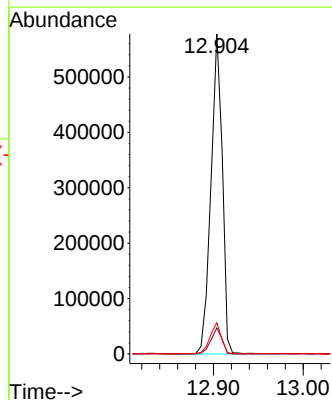
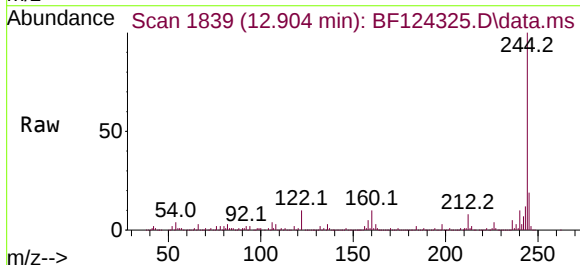
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

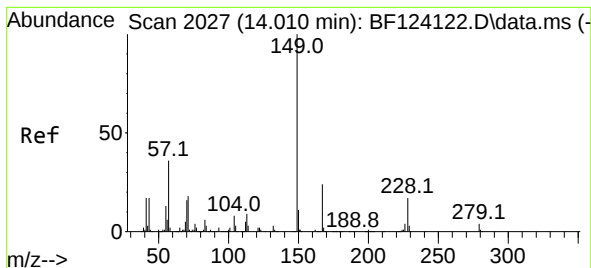
Tgt Ion:240 Resp: 75362
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 21.3 19.0 28.4



#79
Terphenyl-d14
Concen: 92.33 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion:244 Resp: 506782
Ion Ratio Lower Upper
244 100
212 8.2 5.7 8.5
122 9.7 9.7 14.5

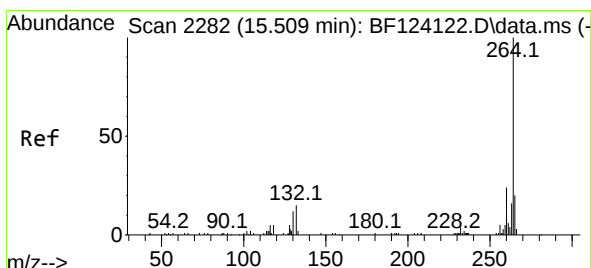
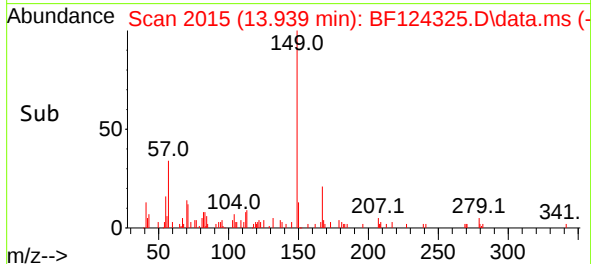
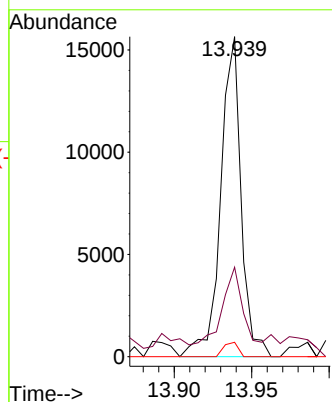
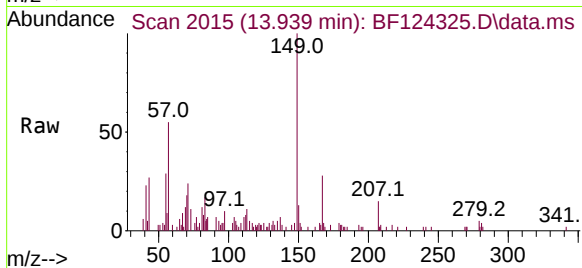




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.11 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

Tgt Ion:149 Resp: 14358
Ion Ratio Lower Upper
149 100
167 28.0 21.8 32.6
279 4.5 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: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion:264 Resp: 81629
Ion Ratio Lower Upper
264 100
260 21.5 18.7 28.1
265 21.6 17.8 26.8

