

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061621\
 Data File : BF124343.D
 Acq On : 16 Jun 2021 13:27
 Operator : JU/CG
 Sample : M2674-08DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-02-060921DL

Quant Time: Jun 16 14:00:55 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 20:09:26 2021
 Response via : Initial Calibration

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

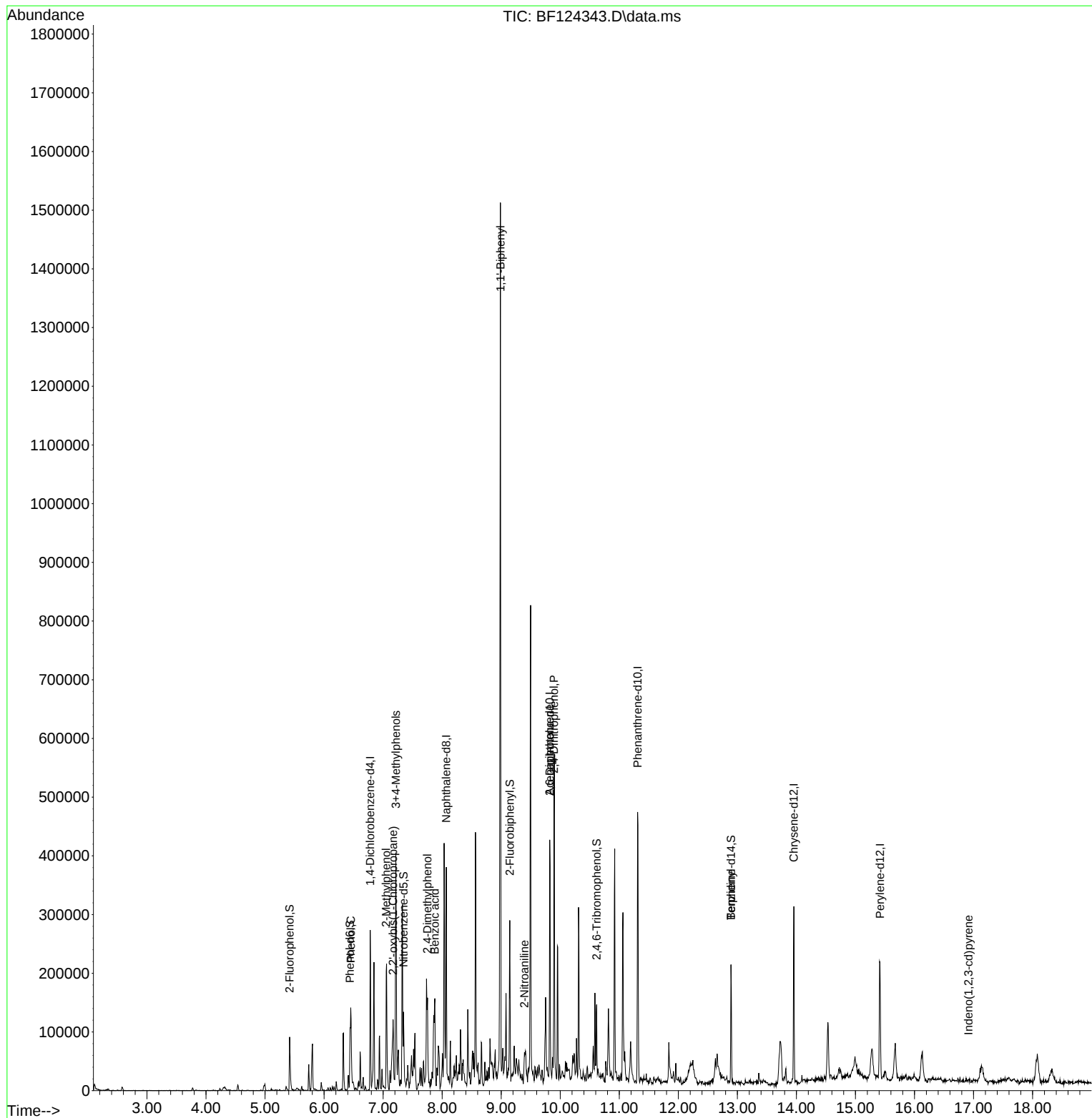
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	32219	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	127874	20.000	ng	0.00
39) Acenaphthene-d10	9.821	164	76465	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	137240	20.000	ng	0.00
76) Chrysene-d12	13.957	240	83864	20.000	ng	0.00
86) Perylene-d12	15.415	264	83730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	25027	11.693	ng	0.00
7) Phenol-d6	6.439	99	27653	9.612	ng	0.00
23) Nitrobenzene-d5	7.345	82	31421	9.746	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	12029	11.104	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	51863	8.535	ng	0.00
79) Terphenyl-d14	12.892	244	52359	8.572	ng	-0.01
Target Compounds						
					Qvalue	
10) Phenol	6.451	94	38565	12.404	ng	90
16) 2,2'-oxybis(1-Chloropr...	7.169	45	10370	2.933	ng	76
17) 2-Methylphenol	7.051	107	29276	15.122	ng	89
20) 3+4-Methylphenols	7.216	107	78101	30.446	ng	# 71
27) 2,4-Dimethylphenol	7.751	122	39342	19.310	ng	# 88
32) Benzoic acid	7.875	122	38163	30.526	ng	# 14
46) 1,1'-Biphenyl	8.986	154	240933	37.326	ng	# 43
48) 2-Nitroaniline	9.392	65	5179	2.731	ng	# 25
51) 2,6-Dinitrotoluene	9.821	165	10896	7.512	ng	# 14
54) 2,4-Dinitrophenol	9.892	184	513	4.173	ng	# 1
77) Benzidine	12.892	184	964	4.512	ng	# 77
87) Indeno(1,2,3-cd)pyrene	16.915	276	114	4.350	ng	# 53

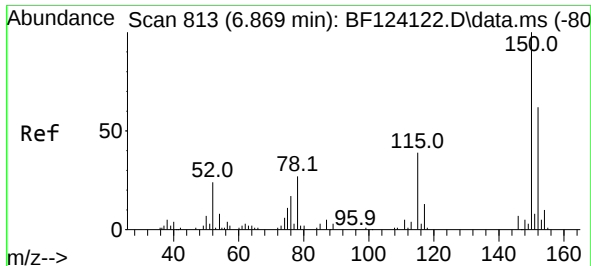
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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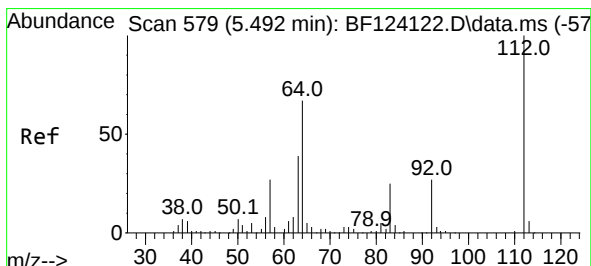
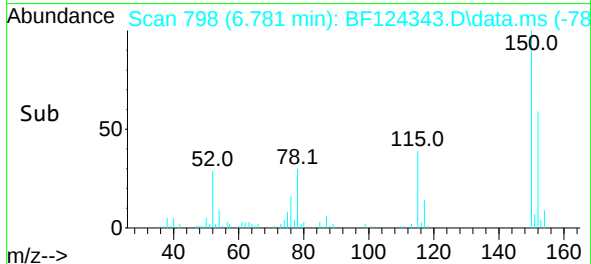
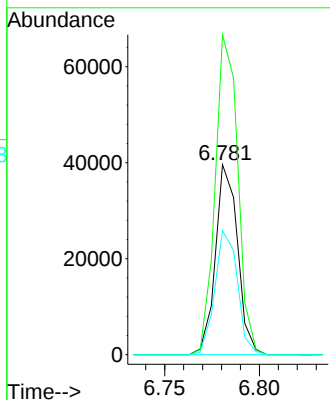
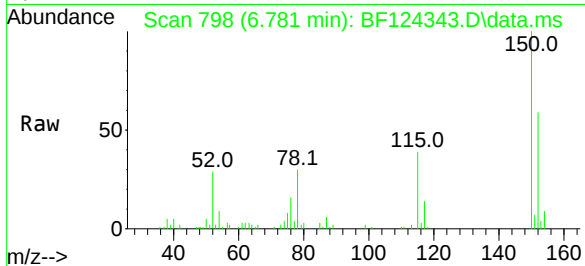




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

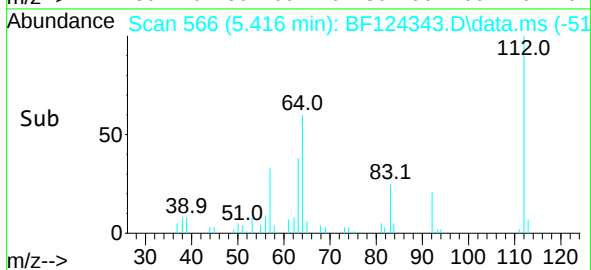
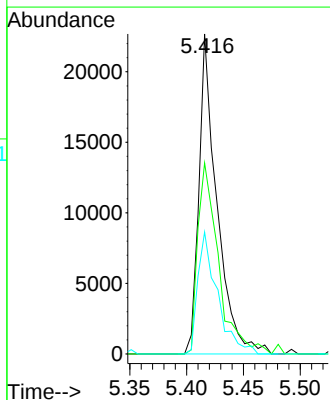
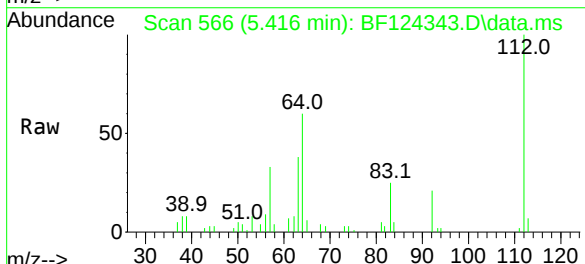
Instrument :
BNA_F
ClientSampleId :
TMR-DS-02-060921DL

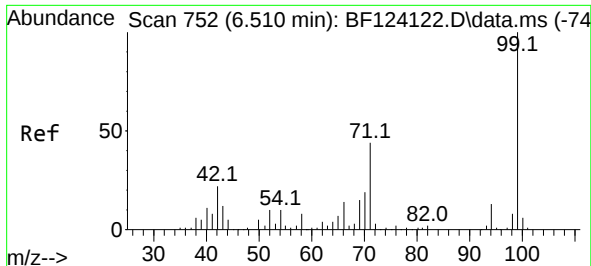
Tgt Ion:152 Resp: 32219
Ion Ratio Lower Upper
152 100
150 168.4 127.0 190.6
115 65.2 54.3 81.5



#5
2-Fluorophenol
Concen: 11.693 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.000 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

Tgt Ion:112 Resp: 25027
Ion Ratio Lower Upper
112 100
64 59.7 61.4 92.0#
63 38.1 33.0 49.4

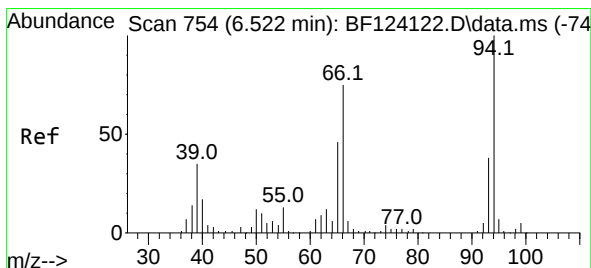
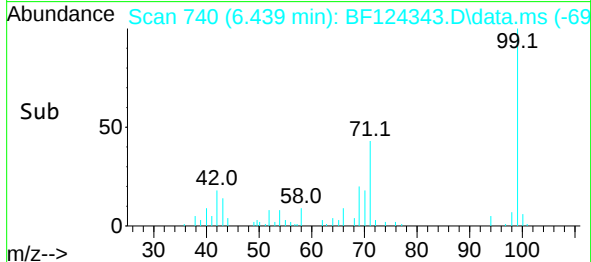
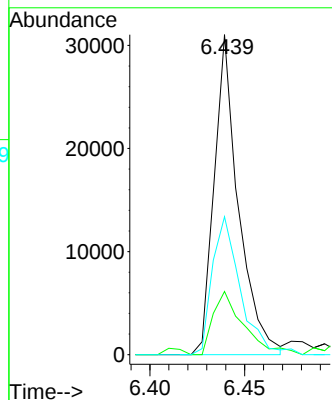
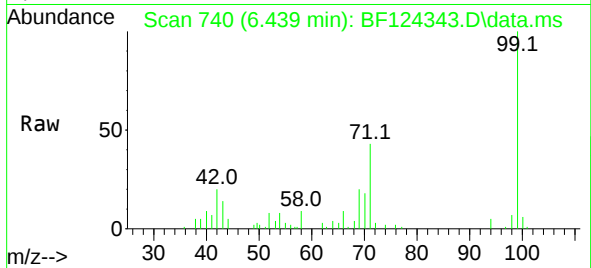




#7
Phenol-d6
Concen: 9.612 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

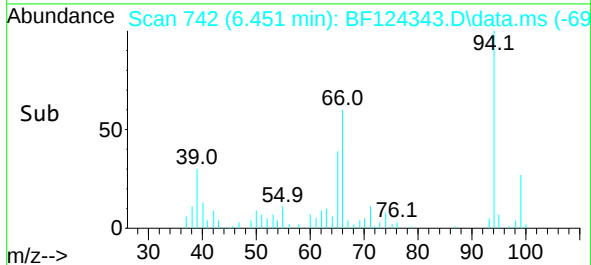
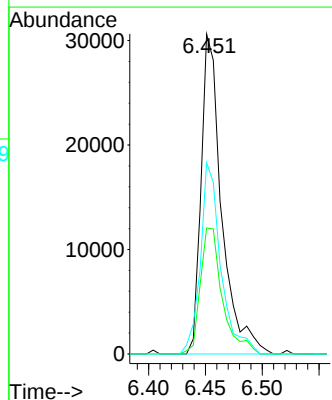
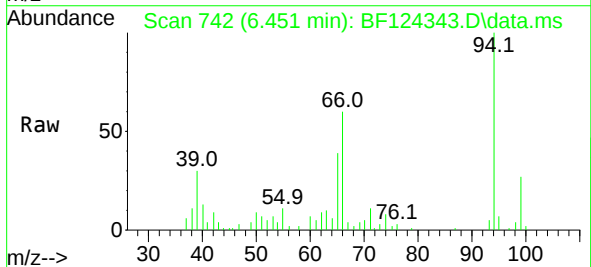
Instrument :
BNA_F
ClientSampleId :
TMR-DS-02-060921DL

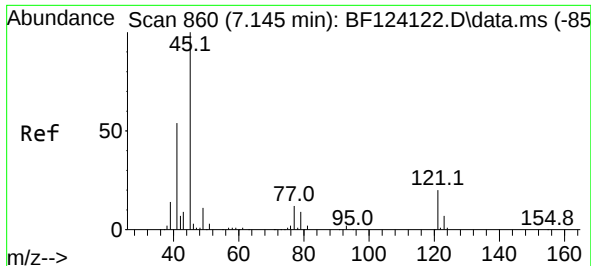
Tgt Ion: 99 Resp: 27653
Ion Ratio Lower Upper
99 100
42 19.7 19.8 29.8#
71 43.1 31.1 46.7



#10
Phenol
Concen: 12.404 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

Tgt Ion: 94 Resp: 38565
Ion Ratio Lower Upper
94 100
65 39.4 18.1 58.1
66 59.8 29.0 69.0

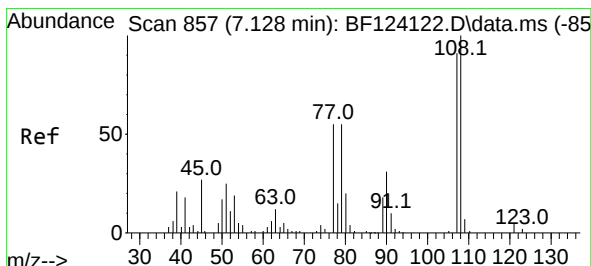
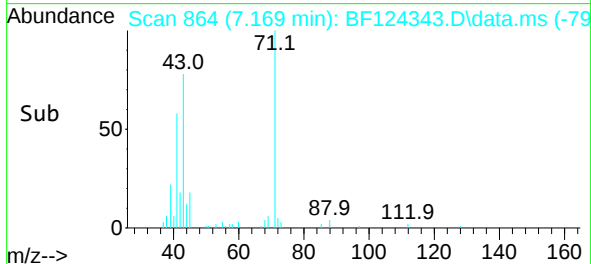
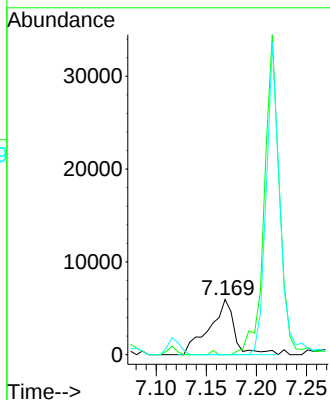
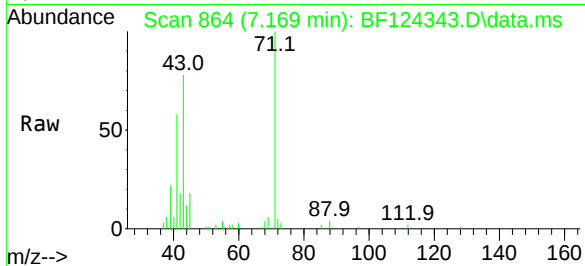




#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.933 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.106 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

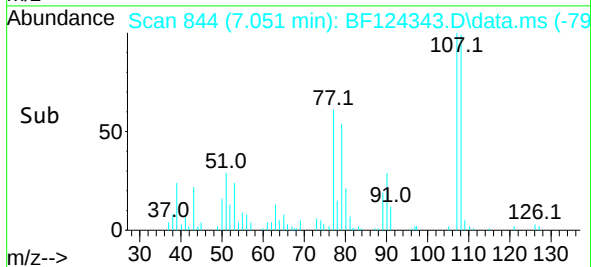
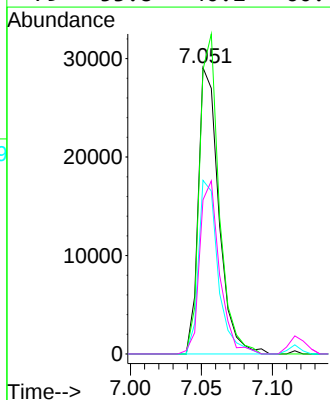
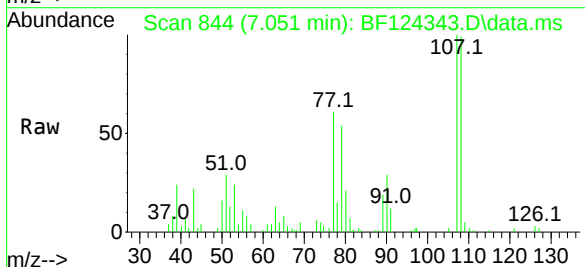
Instrument :
BNA_F
ClientSampleId :
TMR-DS-02-060921DL

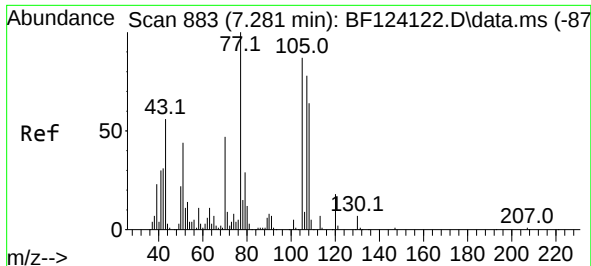
Tgt Ion:	45	Resp:	10370
Ion Ratio	Lower	Upper	
45	100		
77	0.0	0.0	30.0
79	0.0	0.0	27.3



#17
2-Methylphenol
Concen: 15.122 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

Tgt Ion:	107	Resp:	29276
Ion Ratio	Lower	Upper	
107	100		
108	99.3	89.8	134.8
77	60.7	40.9	61.3
79	53.8	40.2	60.4

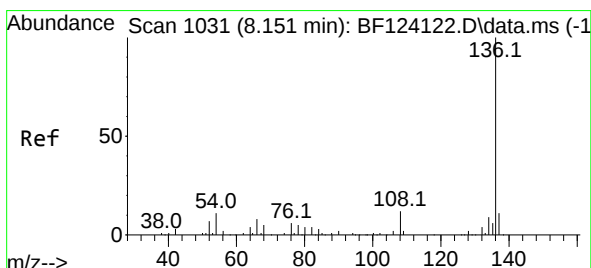
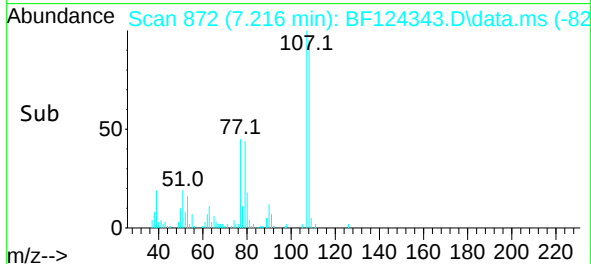
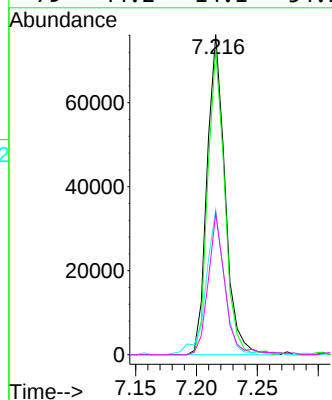
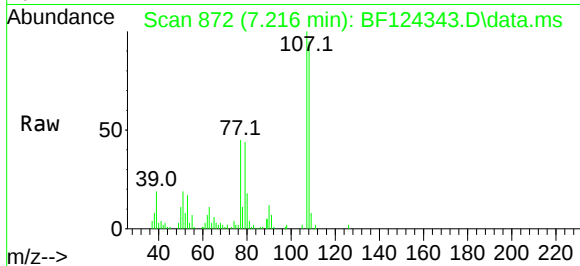




#20
3+4-Methylphenols
Concen: 30.446 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

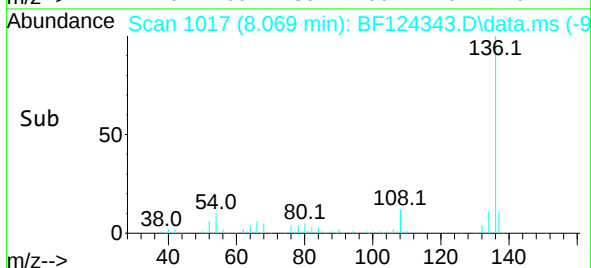
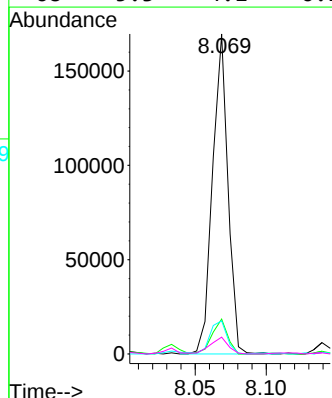
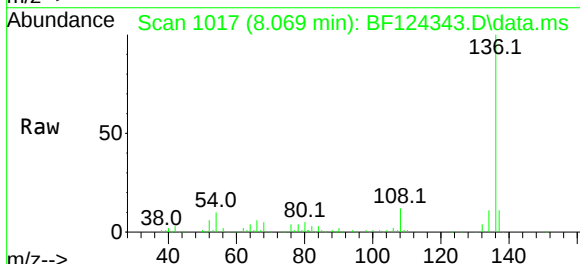
Instrument :
BNA_F
ClientSampleId :
TMR-DS-02-060921DL

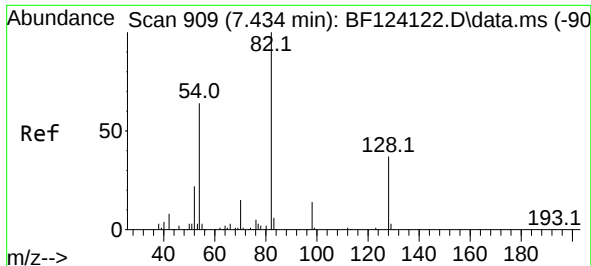
Tgt Ion:107	Resp:	78101
Ion Ratio	Lower	Upper
107	100	
108	95.3	71.5 111.5
77	45.3	82.0 122.0#
79	44.2	14.1 54.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

Tgt Ion:136	Resp:	127874
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	10.4	9.8 14.6
68	5.3	4.1 6.1





#23

Nitrobenzene-d5

Concen: 9.746 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF124343.D

Acq: 16 Jun 2021 13:27

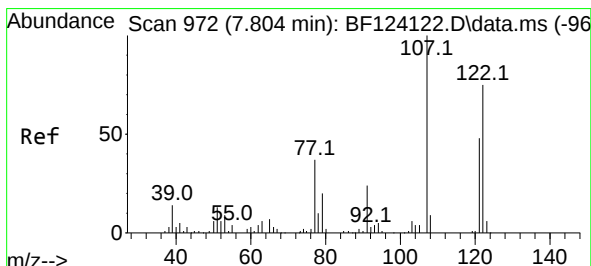
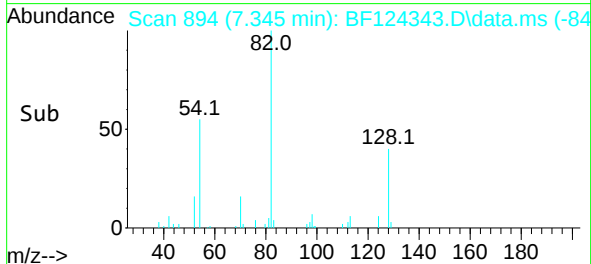
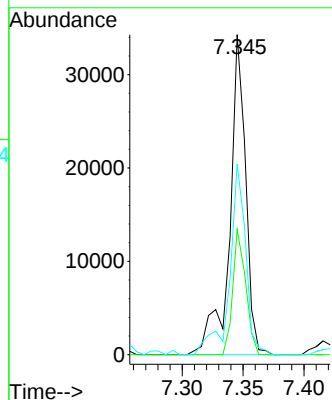
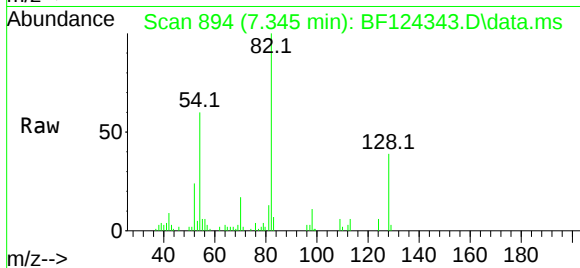
Instrument :

BNA_F

ClientSampleId :

TMR-DS-02-060921DL

Tgt Ion:	82	Resp:	31421
Ion	Ratio	Lower	Upper
82	100		
128	39.2	29.4	44.2
54	59.6	54.1	81.1



#27

2,4-Dimethylphenol

Concen: 19.310 ng

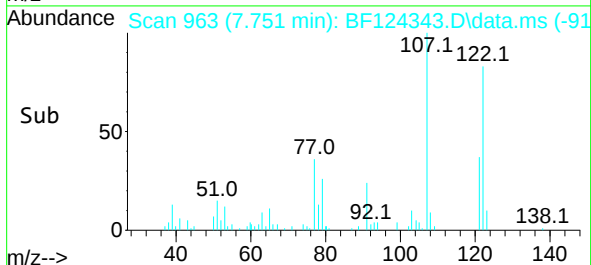
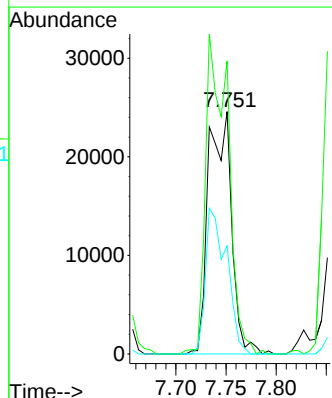
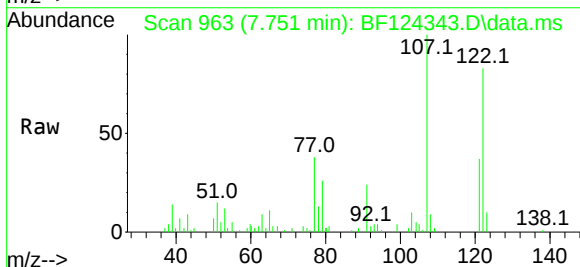
RT: 7.751 min Scan# 963

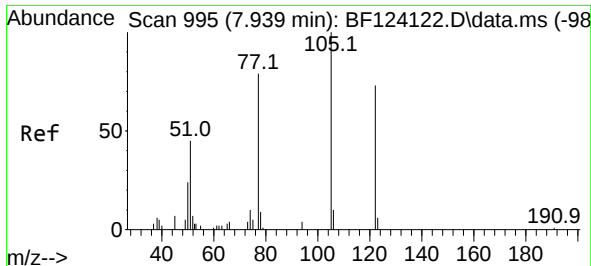
Delta R.T. 0.012 min

Lab File: BF124343.D

Acq: 16 Jun 2021 13:27

Tgt Ion:	122	Resp:	39342
Ion	Ratio	Lower	Upper
122	100		
107	120.9	106.3	159.5
121	44.6	45.4	68.0

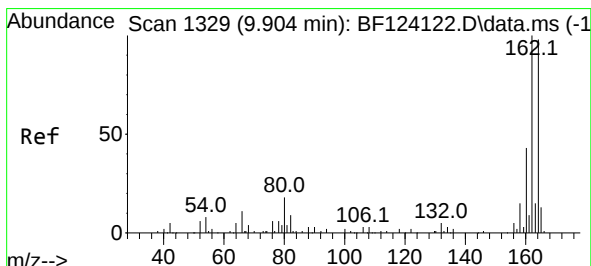
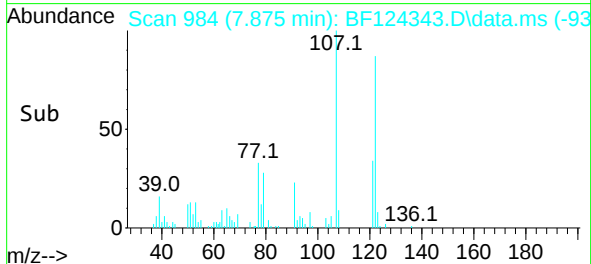
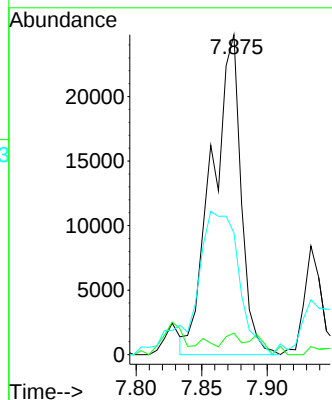
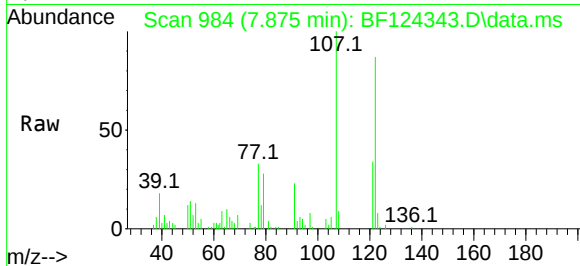




#32
Benzoic acid
Concen: 30.526 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

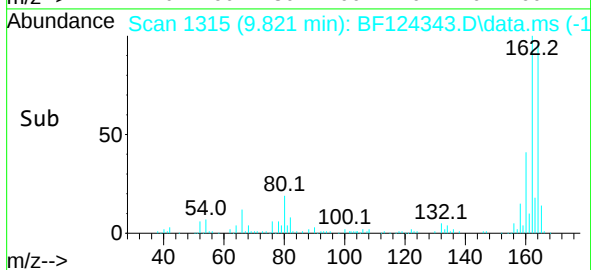
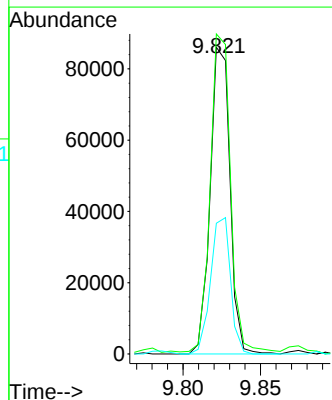
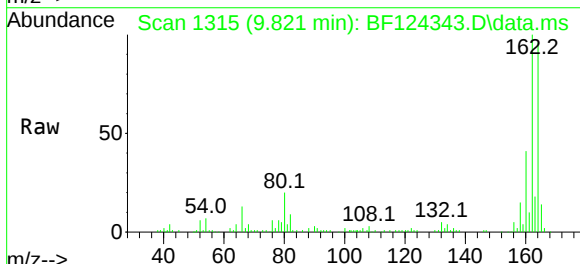
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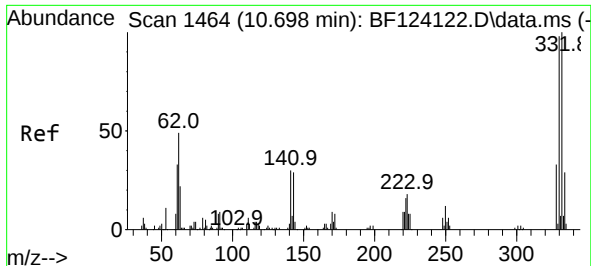
Tgt Ion:122 Resp: 38163
Ion Ratio Lower Upper
122 100
105 6.7 107.8 147.8#
77 38.0 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.821 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

Tgt Ion:164 Resp: 76465
Ion Ratio Lower Upper
164 100
162 104.3 80.7 121.1
160 42.6 37.3 55.9

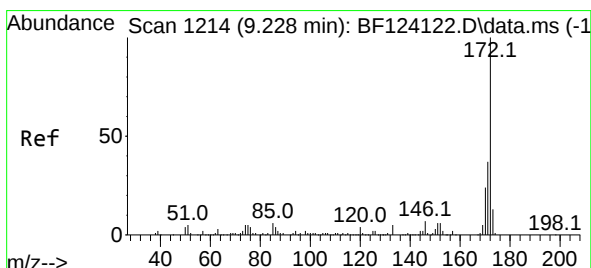
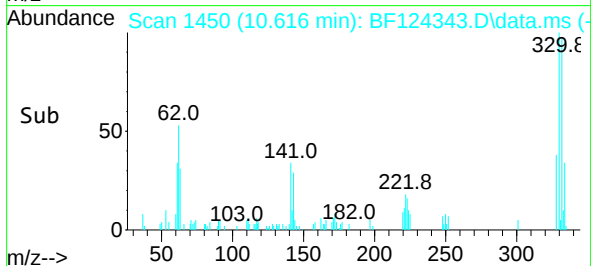
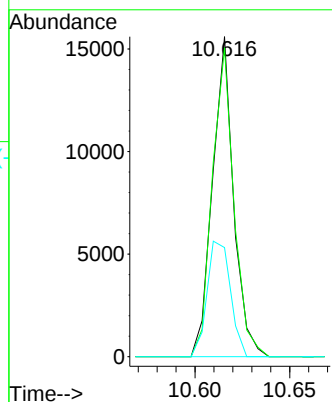
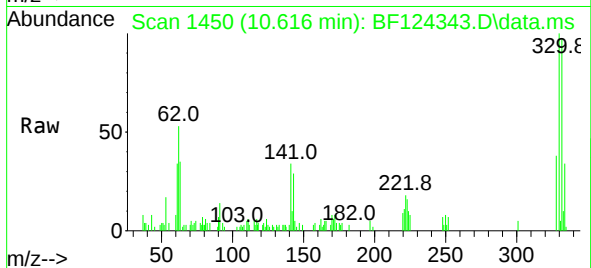




#42
2,4,6-Tribromophenol
Concen: 11.104 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

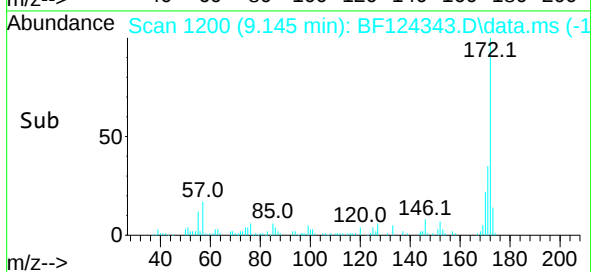
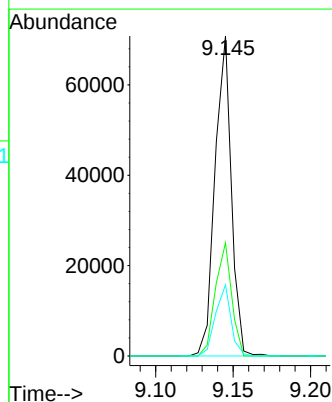
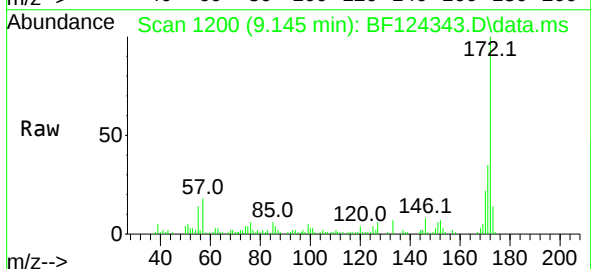
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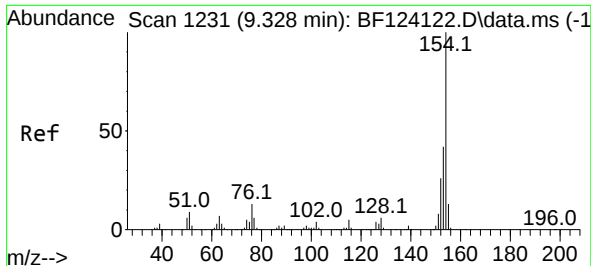
Tgt Ion: 330 Resp: 12029
Ion Ratio Lower Upper
330 100
332 99.1 77.1 115.7
141 40.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 8.535 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

Tgt Ion: 172 Resp: 51863
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 22.2 19.2 28.8

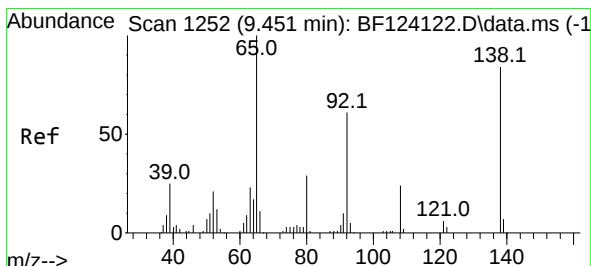
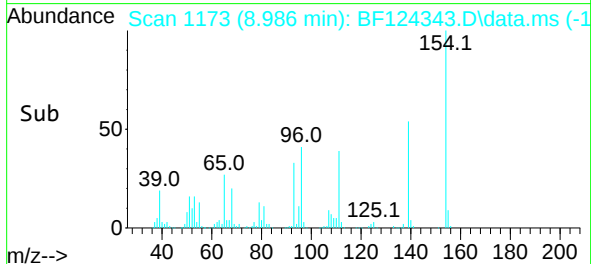
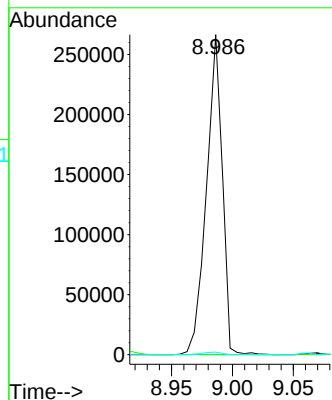
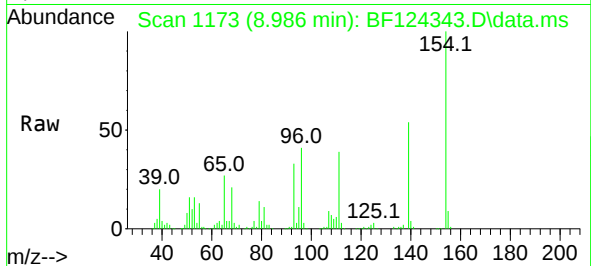




#46
1,1'-Biphenyl
Concen: 37.326 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.265 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

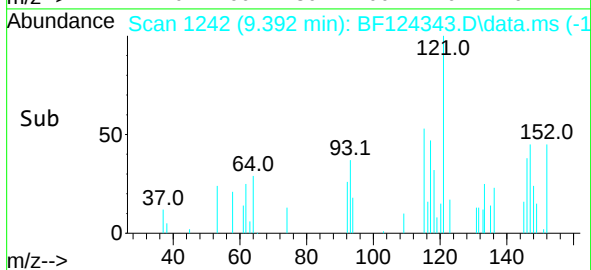
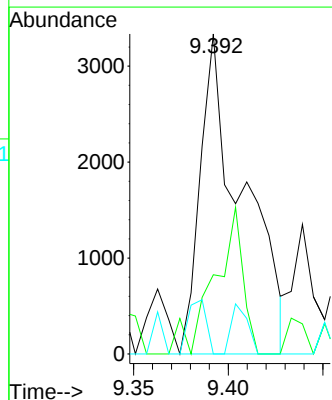
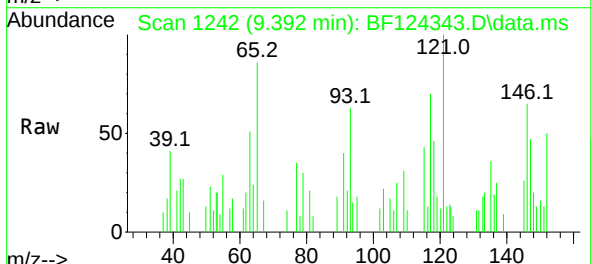
Instrument :
BNA_F
ClientSampleId :
TMR-DS-02-060921DL

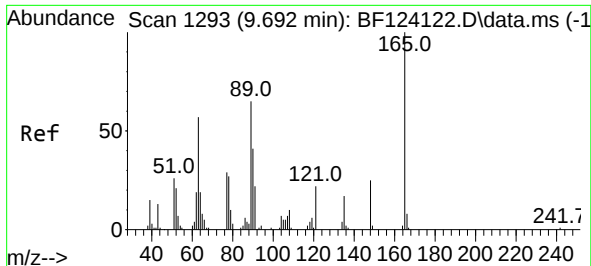
Tgt Ion:154 Resp: 240933
Ion Ratio Lower Upper
154 100
153 0.0 20.7 60.7#
76 0.8 0.0 31.7



#48
2-Nitroaniline
Concen: 2.731 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.012 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

Tgt Ion: 65 Resp: 5179
Ion Ratio Lower Upper
65 100
92 24.7 47.1 70.7#
138 0.0 70.2 105.2#

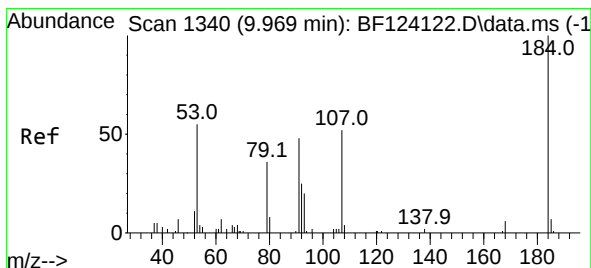
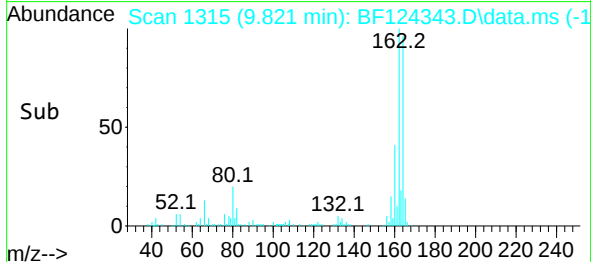
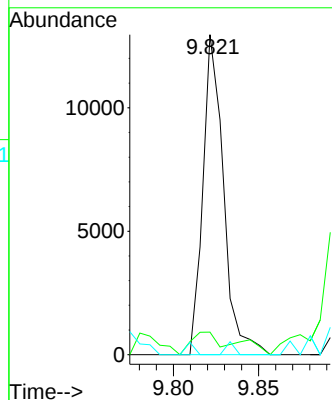
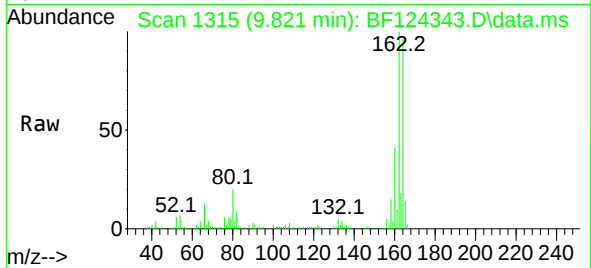




#51
2,6-Dinitrotoluene
Concen: 7.512 ng
RT: 9.821 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

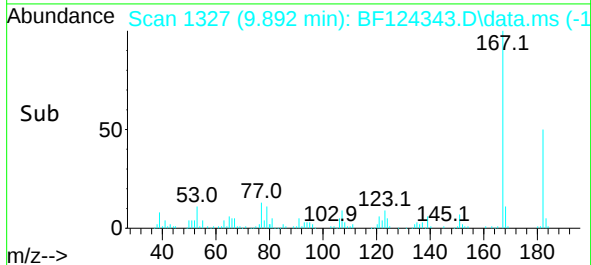
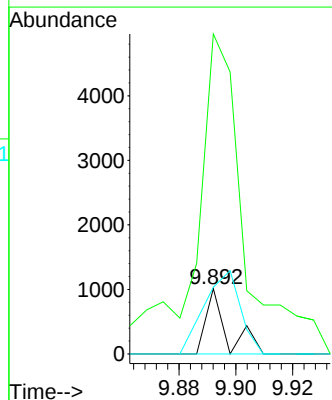
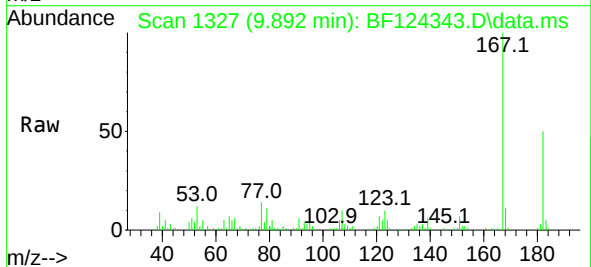
Instrument :
BNA_F
ClientSampleId :
TMR-DS-02-060921DL

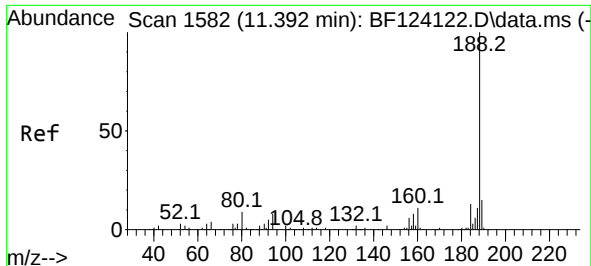
Tgt Ion:165 Resp: 10896
Ion Ratio Lower Upper
165 100
63 7.0 67.7 101.5#
89 0.0 58.8 88.2#



#54
2,4-Dinitrophenol
Concen: 4.173 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

Tgt Ion:184 Resp: 513
Ion Ratio Lower Upper
184 100
63 489.5 73.5 110.3#
154 102.2 52.5 78.7#

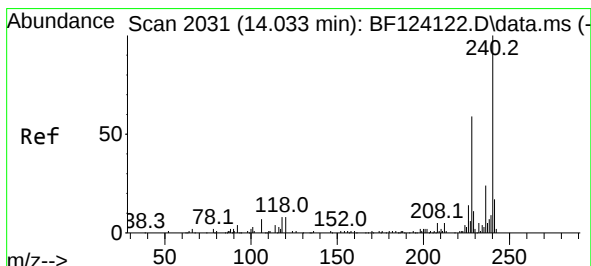
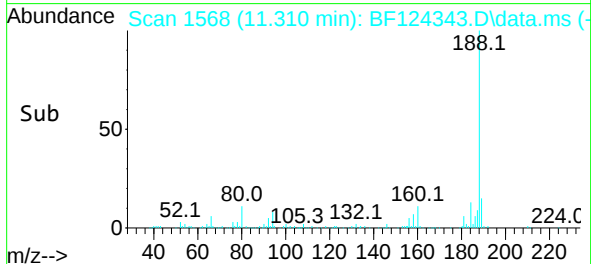
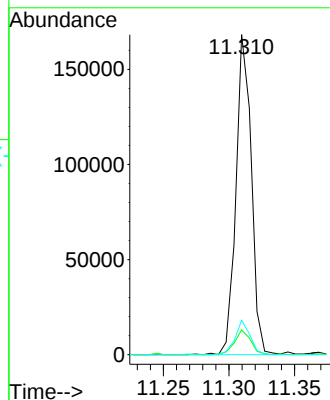
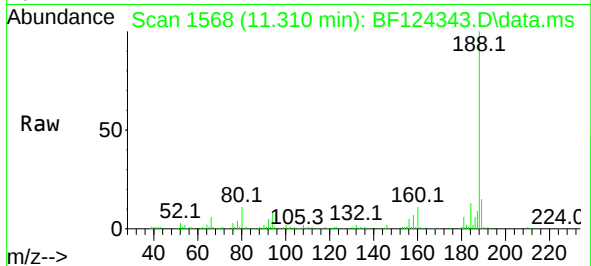




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

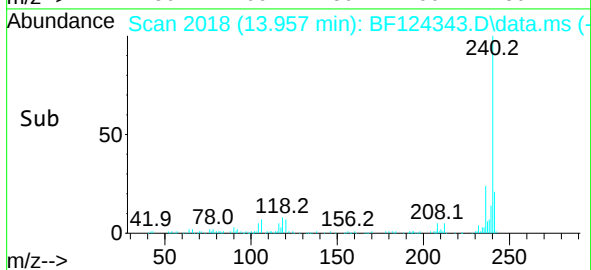
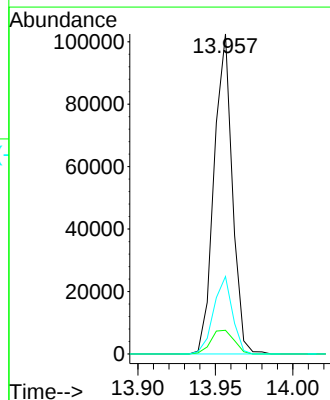
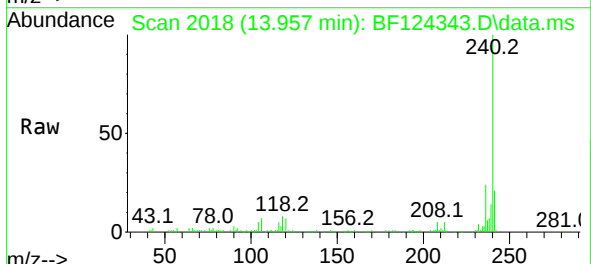
Instrument :
BNA_F
ClientSampleId :
TMR-DS-02-060921DL

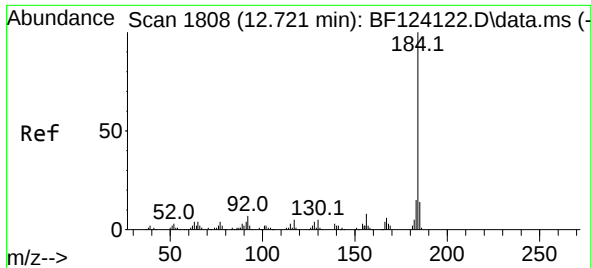
Tgt Ion:188 Resp: 137240
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 10.8 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

Tgt Ion:240 Resp: 83864
Ion Ratio Lower Upper
240 100
120 7.4 7.2 10.8
236 24.2 19.0 28.4

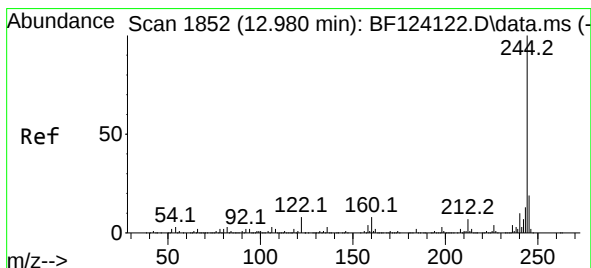
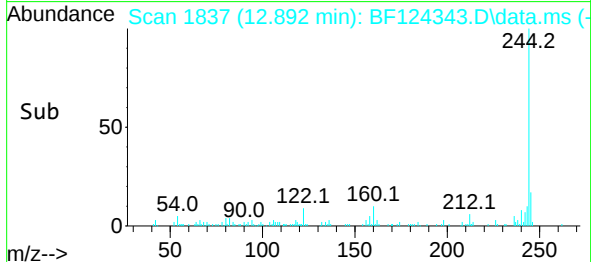
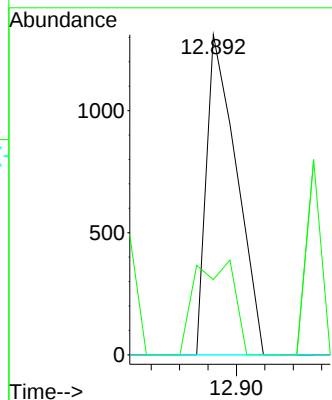
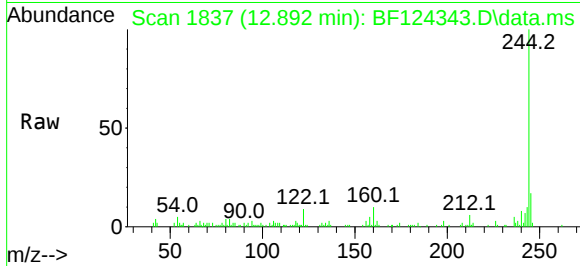




#77
Benzidine
Concen: 4.512 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.194 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

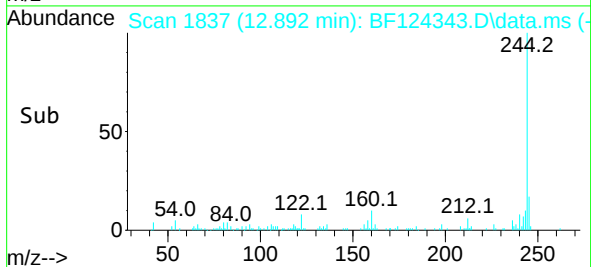
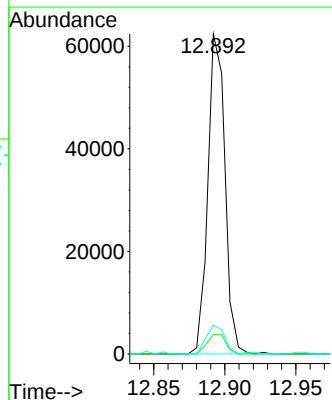
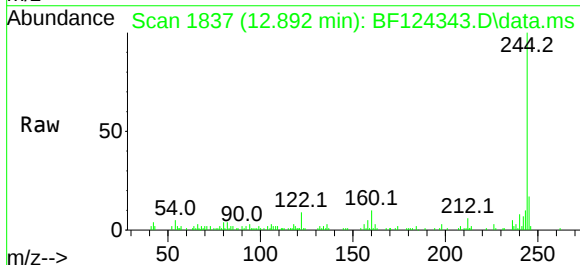
Instrument :
BNA_F
ClientSampleId :
TMR-DS-02-060921DL

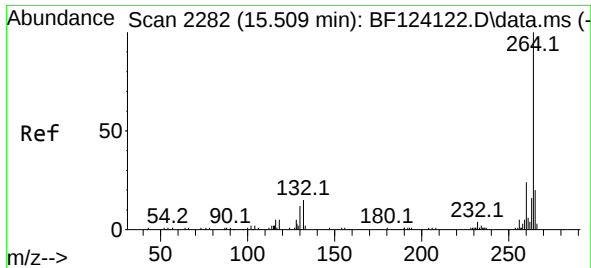
Tgt Ion:184	Resp:	964
Ion Ratio	Lower	Upper
184	100	
185	23.5	12.1 18.1#
183	0.0	7.8 11.8#



#79
Terphenyl-d14
Concen: 8.572 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

Tgt Ion:244	Resp:	52359
Ion Ratio	Lower	Upper
244	100	
212	6.0	5.7 8.5
122	9.0	9.7 14.5#

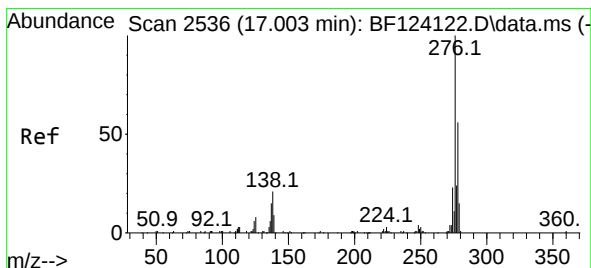
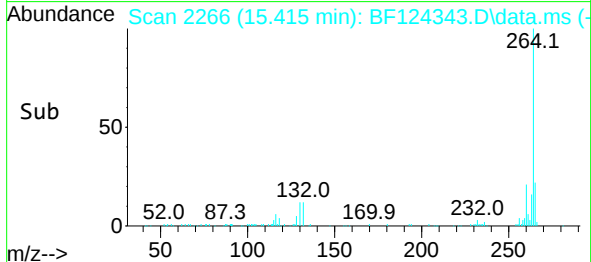
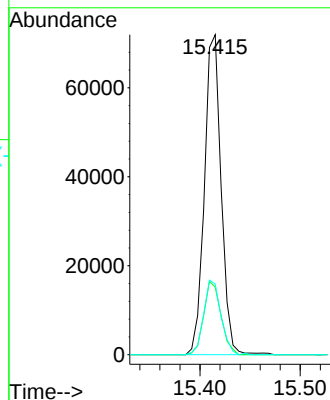
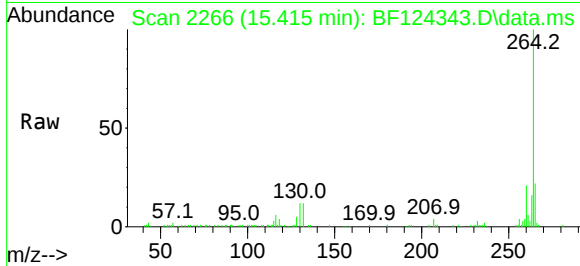




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

Instrument :
BNA_F
ClientSampleId :
TMR-DS-02-060921DL

Tgt Ion:264 Resp: 83730
Ion Ratio Lower Upper
264 100
260 21.0 18.7 28.1
265 22.1 17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.350 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.041 min
Lab File: BF124343.D
Acq: 16 Jun 2021 13:27

Tgt Ion:276 Resp: 114
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 0.0 20.1 30.1#

