

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061521\
 Data File : BF124335.D
 Acq On : 15 Jun 2021 21:57
 Operator : JU/CG
 Sample : M2674-10DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jun 16 01:28:19 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 20:09:26 2021
 Response via : Initial Calibration

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

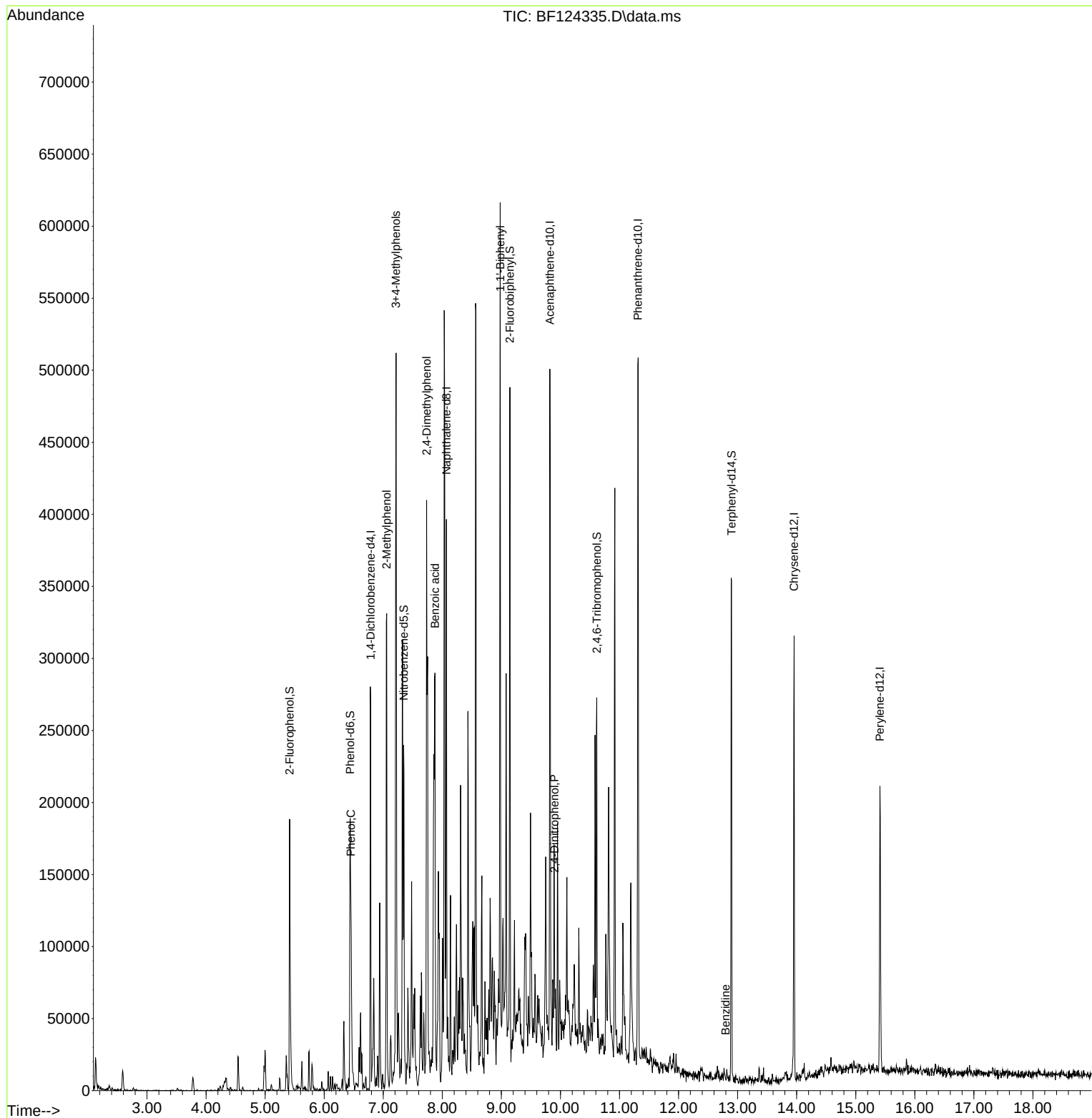
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	35803	20.00	ng	0.00
21) Naphthalene-d8	8.069	136	137152	20.00	ng	# 0.00
39) Acenaphthene-d10	9.821	164	83180	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	150694	20.00	ng	0.00
76) Chrysene-d12	13.957	240	94234	20.00	ng	# 0.00
86) Perylene-d12	15.409	264	80305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	48258	20.29	ng	0.00
7) Phenol-d6	6.439	99	56286	17.61	ng	0.00
23) Nitrobenzene-d5	7.345	82	55090	15.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	22946	19.47	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	99738	15.09	ng	0.00
79) Terphenyl-d14	12.898	244	105390	15.35	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.451	94	36266	10.50	ng	86
17) 2-Methylphenol	7.057	107	47943	22.29	ng	94
20) 3+4-Methylphenols	7.216	107	109634	38.46	ng	# 70
27) 2,4-Dimethylphenol	7.733	122	82789	37.89	ng	90
32) Benzoic acid	7.875	122	70449	52.54	ng	# 13
46) 1,1'-Biphenyl	8.980	154	79644	11.34	ng	# 43
54) 2,4-Dinitrophenol	9.898	184	137	3.67	ng	# 1
77) Benzidine	12.798	184	165	4.13	ng	# 68

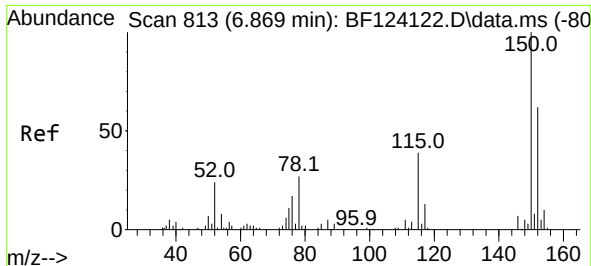
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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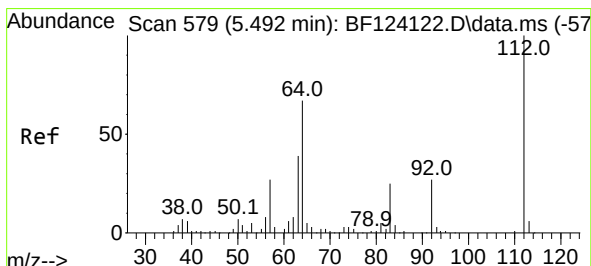
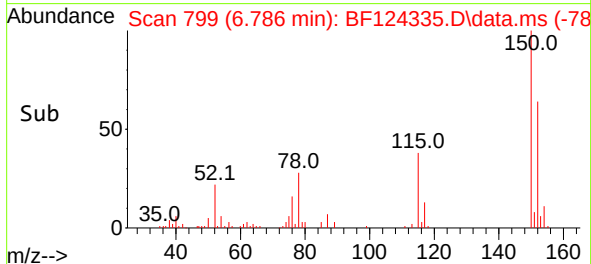
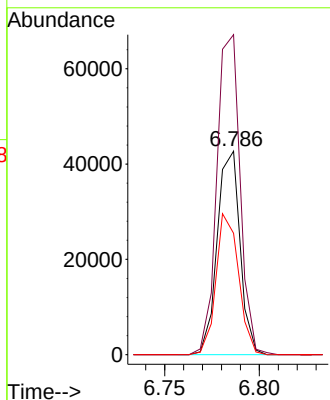
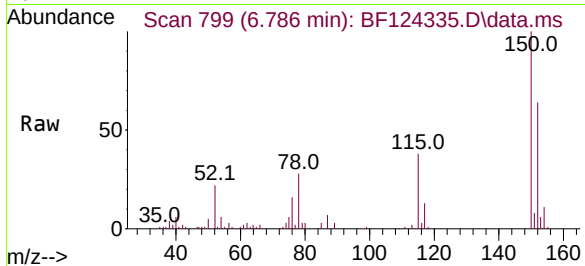




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.786 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF124335.D
Acq: 15 Jun 2021 21:57

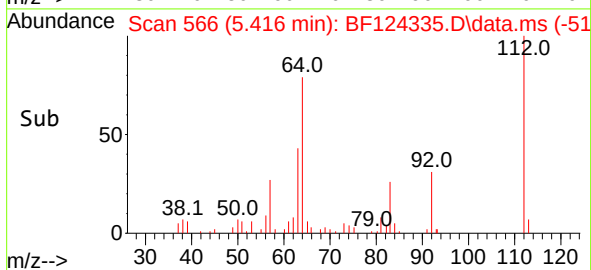
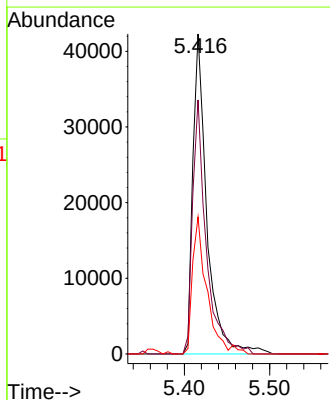
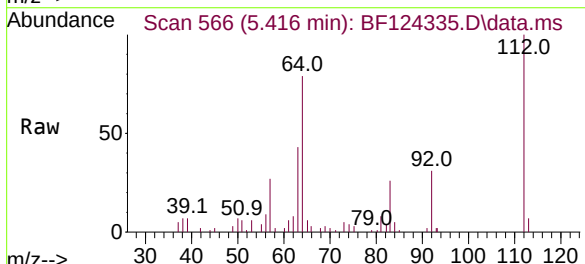
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921DL

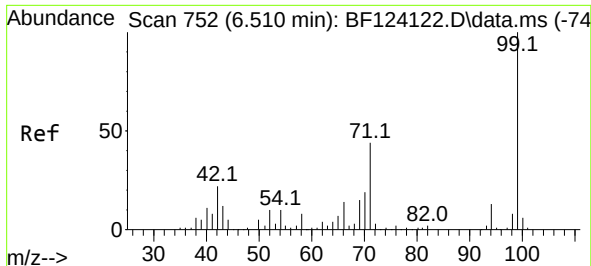
Tgt Ion:152 Resp: 35803
Ion Ratio Lower Upper
152 100
150 157.2 127.0 190.6
115 59.7 54.3 81.5



#5
2-Fluorophenol
Concen: 20.29 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.000 min
Lab File: BF124335.D
Acq: 15 Jun 2021 21:57

Tgt Ion:112 Resp: 48258
Ion Ratio Lower Upper
112 100
64 79.4 61.4 92.0
63 42.8 33.0 49.4

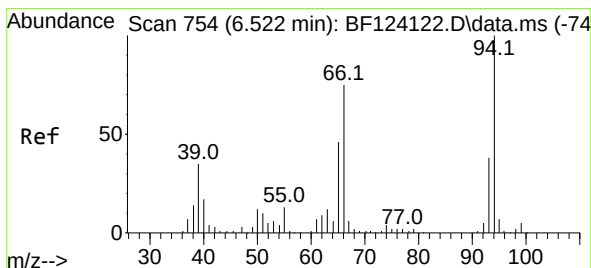
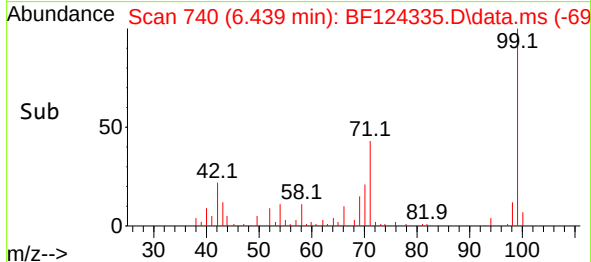
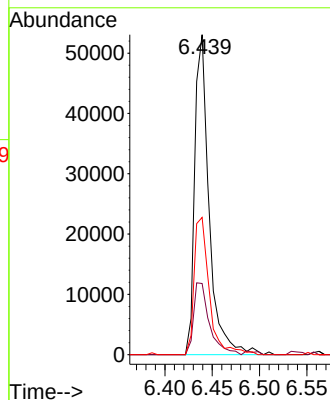
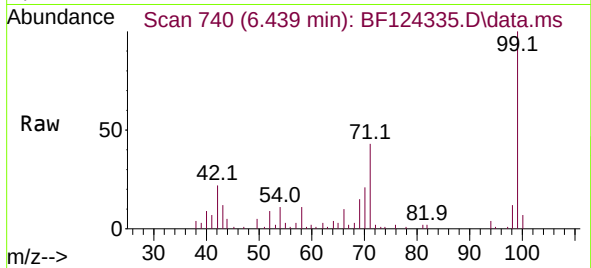




#7
Phenol-d6
Concen: 17.61 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF124335.D
Acq: 15 Jun 2021 21:57

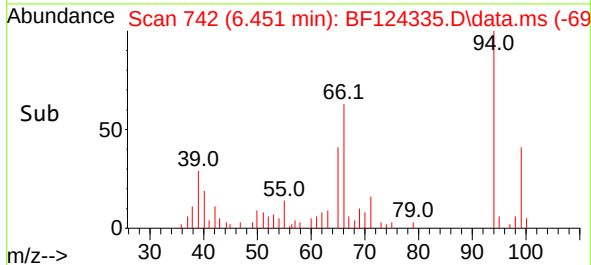
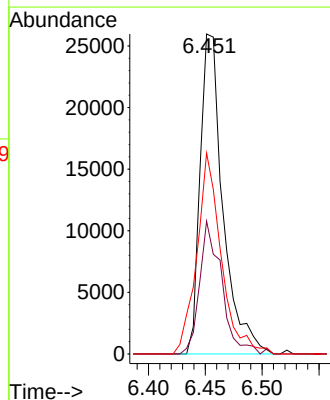
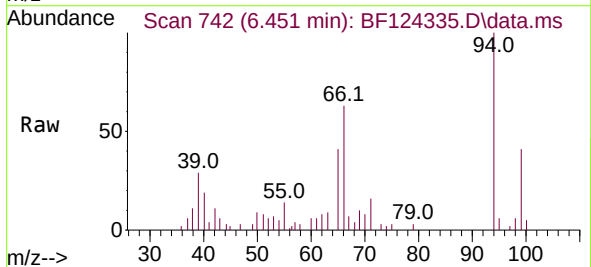
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921DL

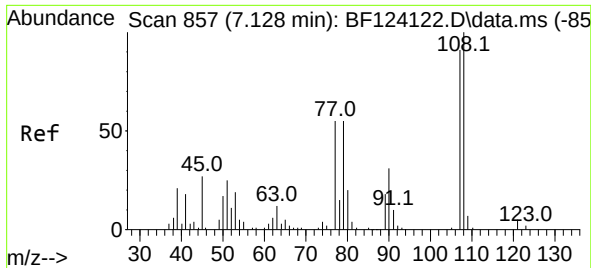
Tgt Ion: 99 Resp: 56286
Ion Ratio Lower Upper
99 100
42 22.2 19.8 29.8
71 42.9 31.1 46.7



#10
Phenol
Concen: 10.50 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF124335.D
Acq: 15 Jun 2021 21:57

Tgt Ion: 94 Resp: 36266
Ion Ratio Lower Upper
94 100
65 41.5 18.1 58.1
66 62.8 29.0 69.0

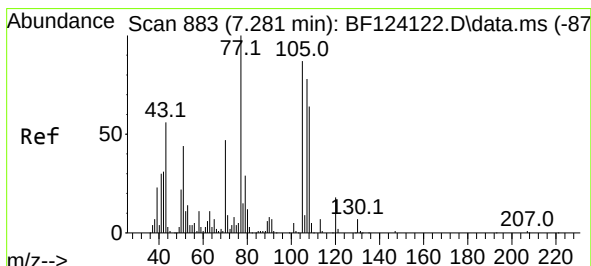
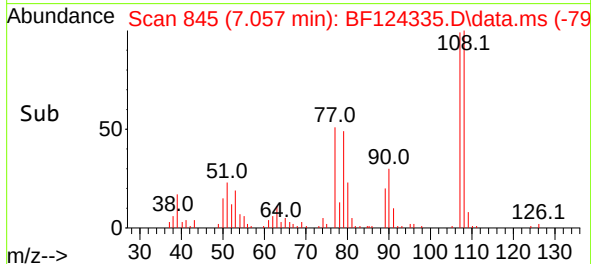
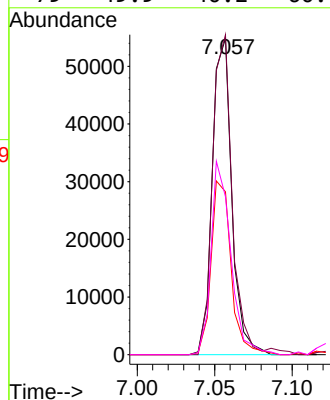
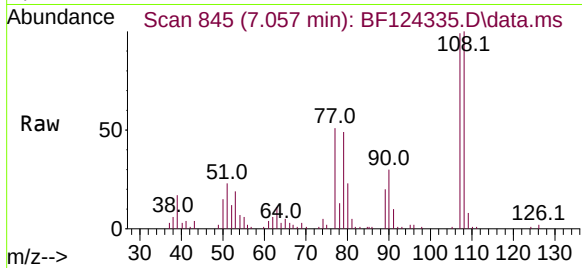




#17
2-Methylphenol
Concen: 22.29 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF124335.D
Acq: 15 Jun 2021 21:57

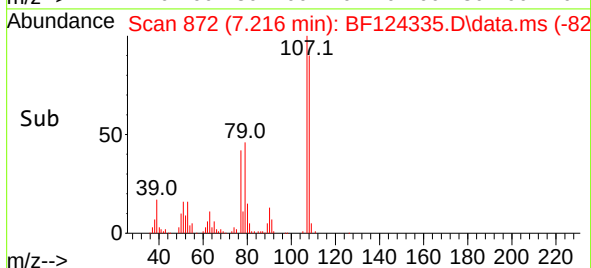
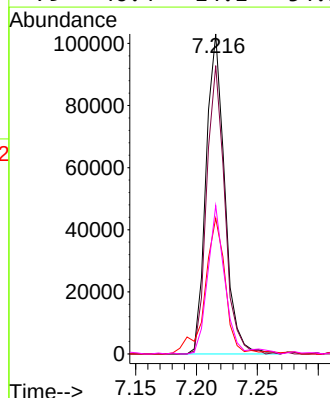
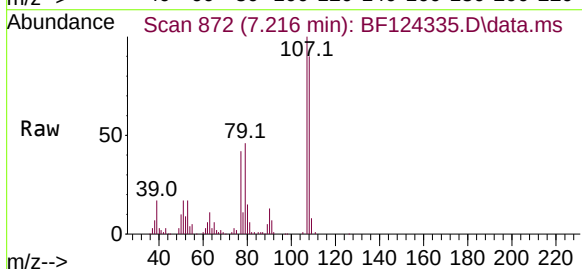
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921DL

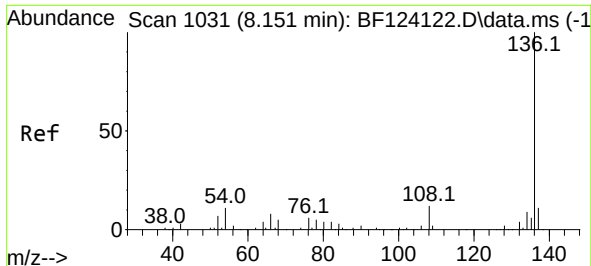
Tgt Ion:	107	Resp:	47943
Ion	Ratio	Lower	Upper
107	100		
108	101.2	89.8	134.8
77	51.5	40.9	61.3
79	49.9	40.2	60.4



#20
3+4-Methylphenols
Concen: 38.46 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF124335.D
Acq: 15 Jun 2021 21:57

Tgt Ion:	107	Resp:	109634
Ion	Ratio	Lower	Upper
107	100		
108	90.1	71.5	111.5
77	42.4	82.0	122.0#
79	46.4	14.1	54.1

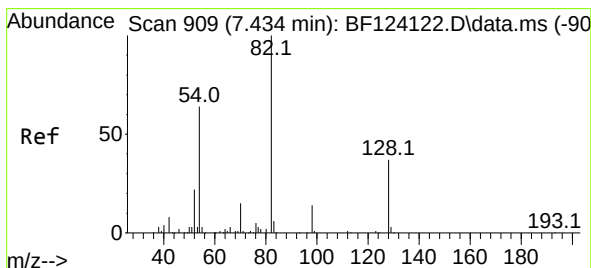
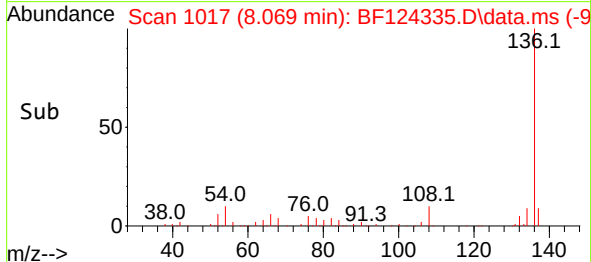
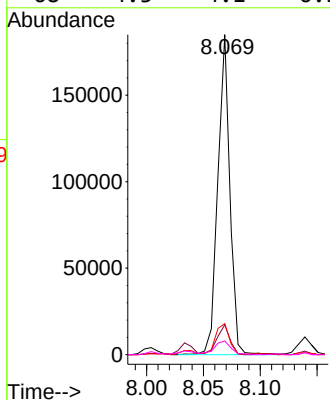
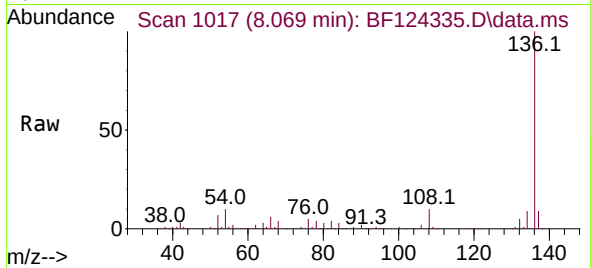




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124335.D
Acq: 15 Jun 2021 21:57

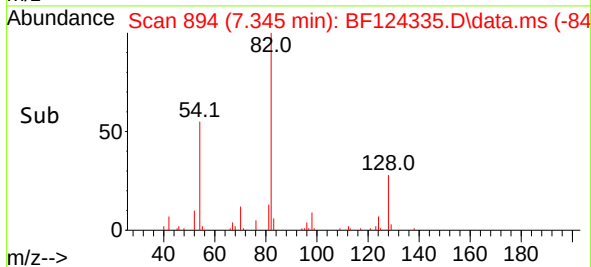
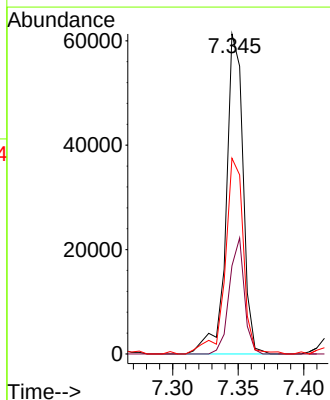
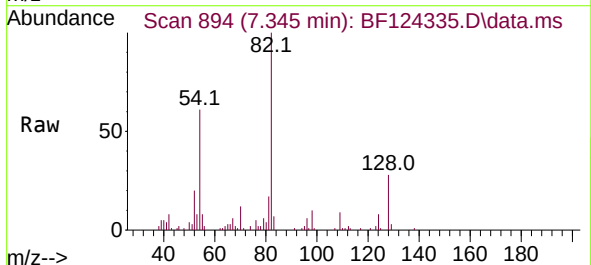
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921DL

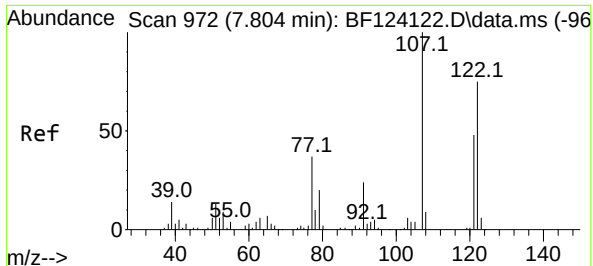
Tgt Ion:136	Resp:	137152
Ion Ratio	Lower	Upper
136	100	
137	9.4	8.7 13.1
54	9.7	9.8 14.6#
68	4.3	4.1 6.1



#23
Nitrobenzene-d5
Concen: 15.93 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF124335.D
Acq: 15 Jun 2021 21:57

Tgt Ion: 82	Resp:	55090
Ion Ratio	Lower	Upper
82	100	
128	27.6	29.4 44.2#
54	61.2	54.1 81.1





#27

2,4-Dimethylphenol

Concen: 37.89 ng

RT: 7.733 min Scan# 960

Delta R.T. -0.006 min

Lab File: BF124335.D

Acq: 15 Jun 2021 21:57

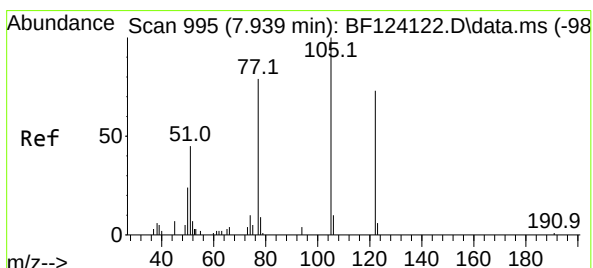
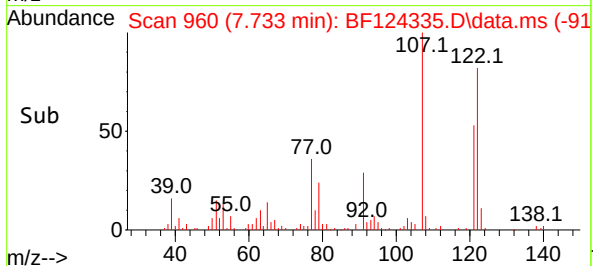
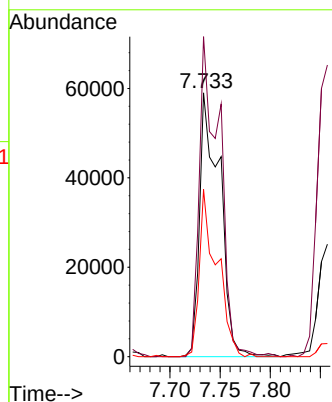
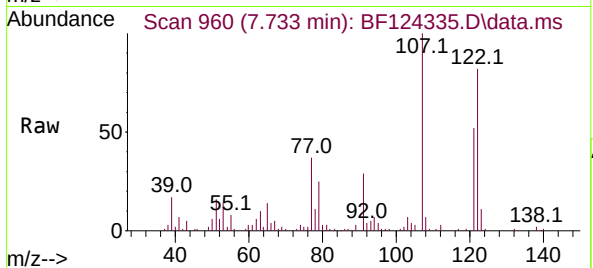
Tgt Ion:	122	Resp:	82789
Ion	Ratio	Lower	Upper
122	100		
107	121.3	106.3	159.5
121	63.4	45.4	68.0

Instrument :

BNA_F

ClientSampleId :

TMR-DS-04-060921DL



#32

Benzoic acid

Concen: 52.54 ng

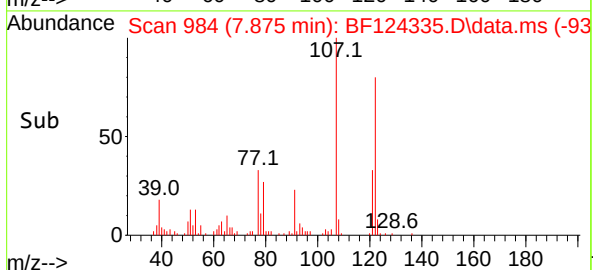
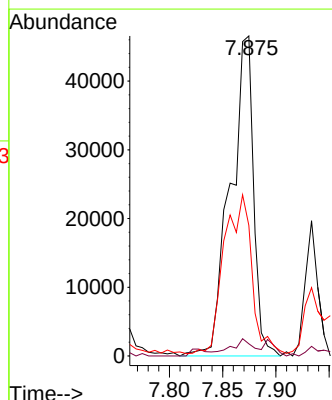
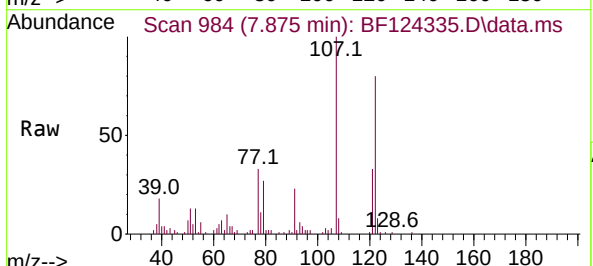
RT: 7.875 min Scan# 984

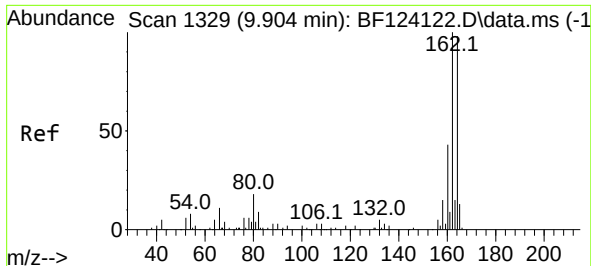
Delta R.T. -0.006 min

Lab File: BF124335.D

Acq: 15 Jun 2021 21:57

Tgt Ion:	122	Resp:	70449
Ion	Ratio	Lower	Upper
122	100		
105	3.8	107.8	147.8#
77	40.8	81.6	121.6#

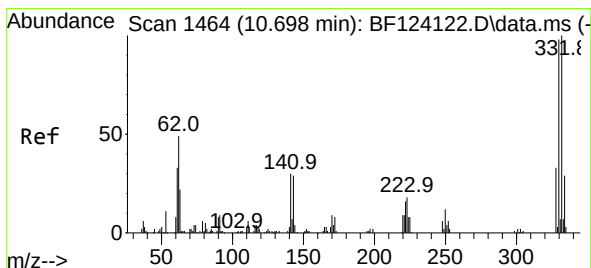
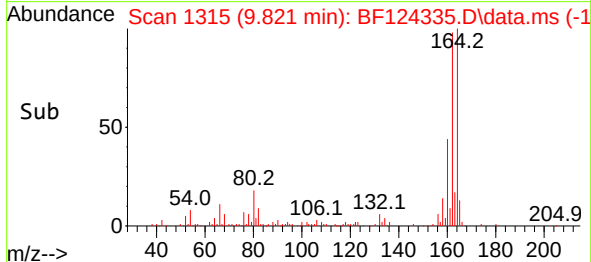
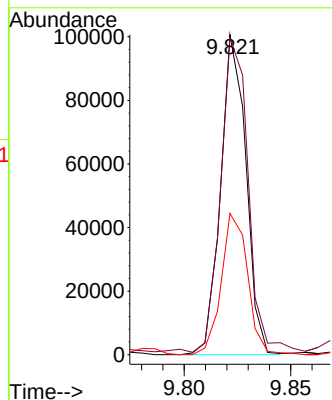
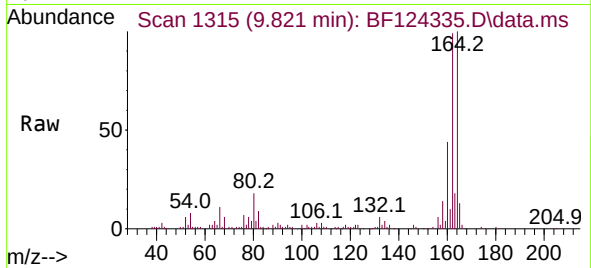




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.821 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124335.D
Acq: 15 Jun 2021 21:57

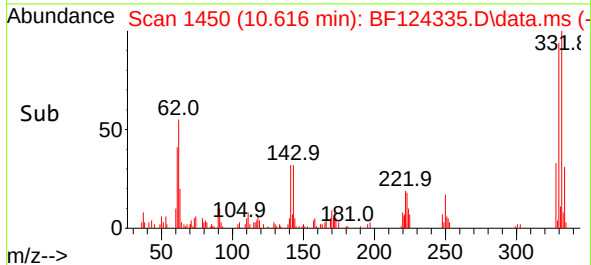
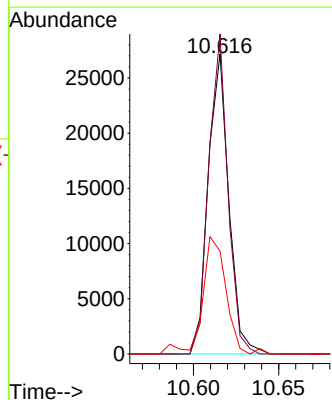
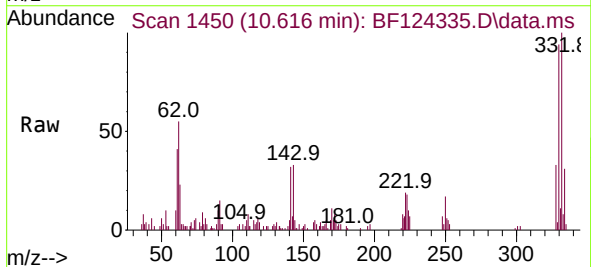
Instrument :
BNA_F
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TMR-DS-04-060921DL

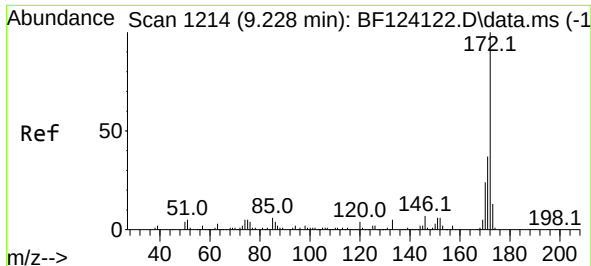
Tgt Ion:164 Resp: 83180
Ion Ratio Lower Upper
164 100
162 99.0 80.7 121.1
160 44.2 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 19.47 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124335.D
Acq: 15 Jun 2021 21:57

Tgt Ion:330 Resp: 22946
Ion Ratio Lower Upper
330 100
332 98.9 77.1 115.7
141 44.7 27.9 41.9#

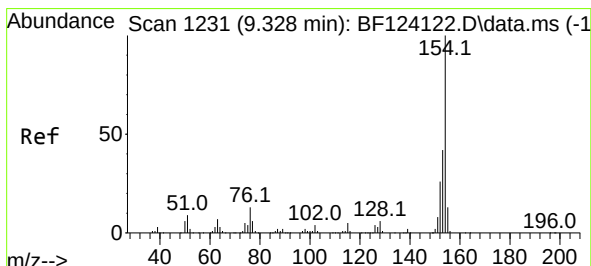
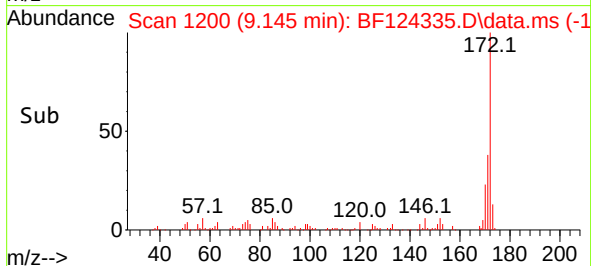
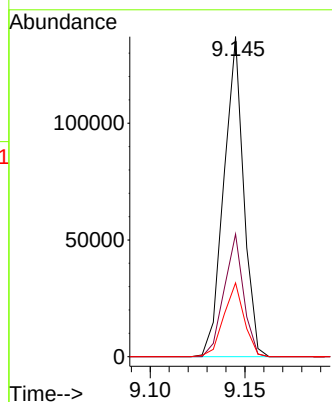
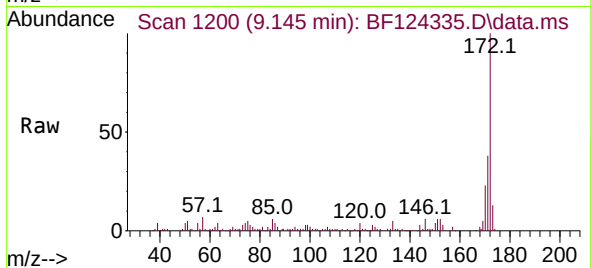




#45
2-Fluorobiphenyl
Concen: 15.09 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124335.D
Acq: 15 Jun 2021 21:57

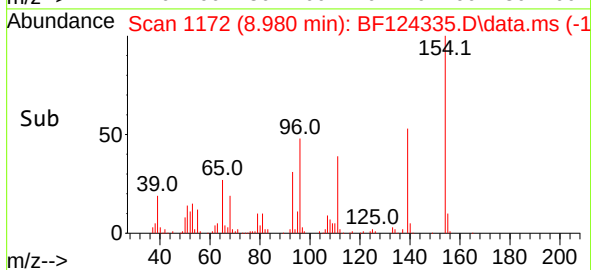
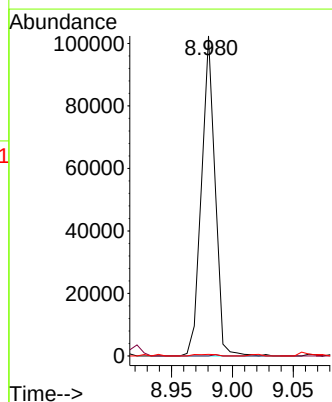
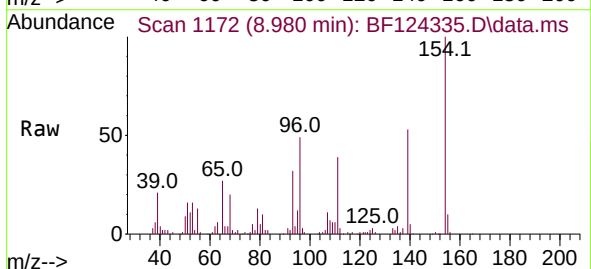
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921DL

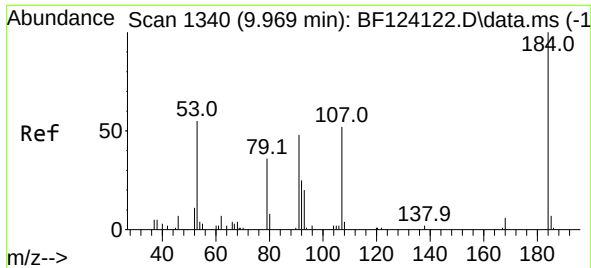
Tgt Ion:172 Resp: 99738
Ion Ratio Lower Upper
172 100
171 38.3 28.1 42.1
170 23.1 19.2 28.8



#46
1,1'-Biphenyl
Concen: 11.34 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.271 min
Lab File: BF124335.D
Acq: 15 Jun 2021 21:57

Tgt Ion:154 Resp: 79644
Ion Ratio Lower Upper
154 100
153 0.0 20.7 60.7#
76 0.5 0.0 31.7

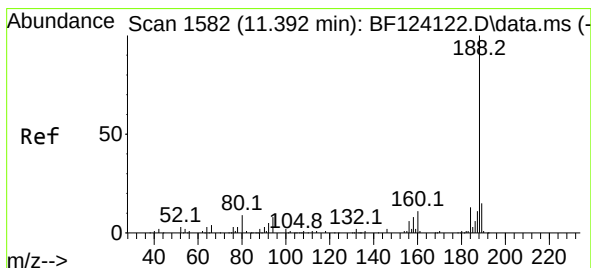
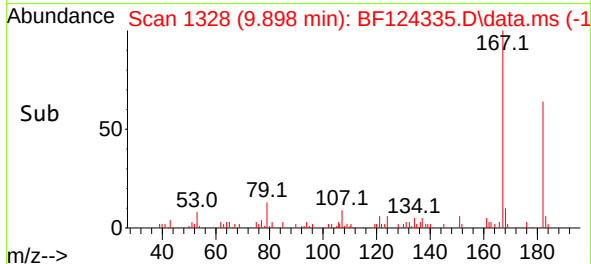
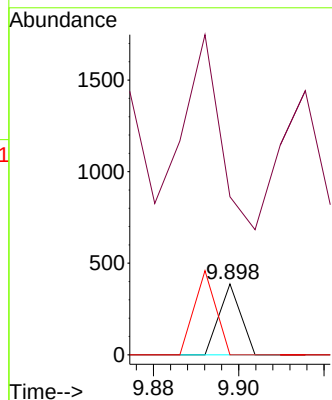
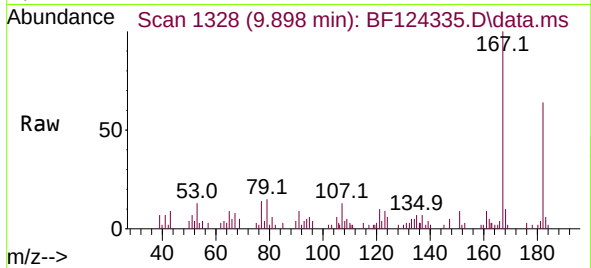




#54
2,4-Dinitrophenol
Concen: 3.67 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF124335.D
Acq: 15 Jun 2021 21:57

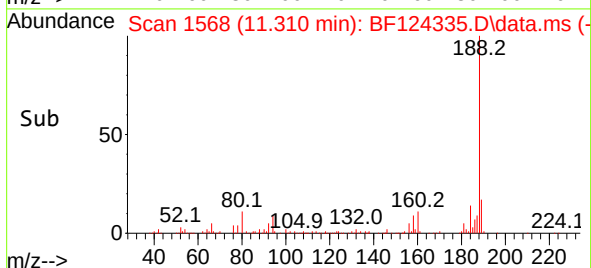
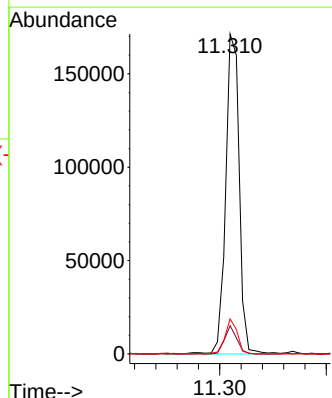
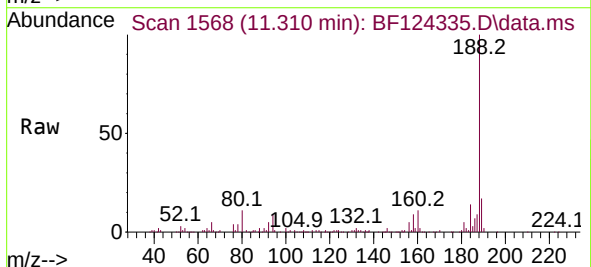
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921DL

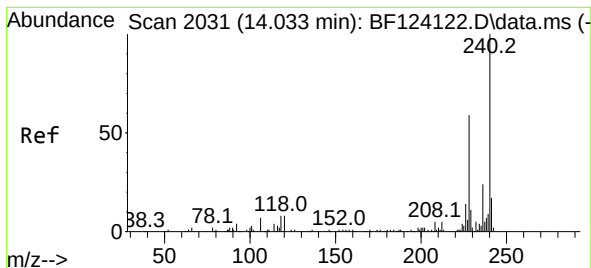
Tgt Ion:184 Resp: 137
Ion Ratio Lower Upper
184 100
63 223.0 73.5 110.3#
154 0.0 52.5 78.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124335.D
Acq: 15 Jun 2021 21:57

Tgt Ion:188 Resp: 150694
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 11.0 8.2 12.2

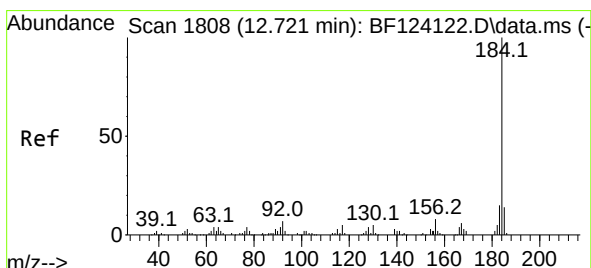
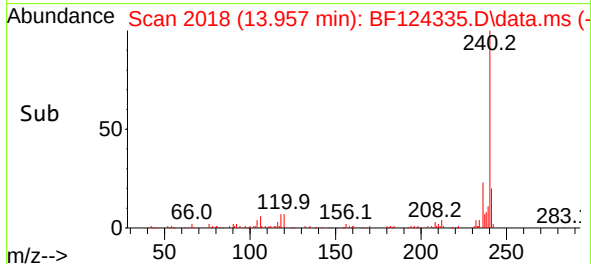
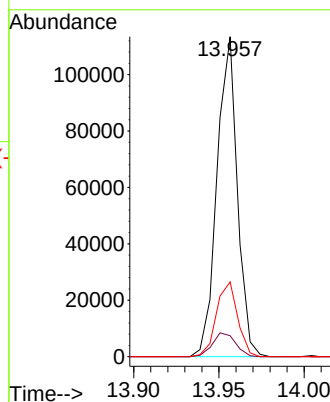
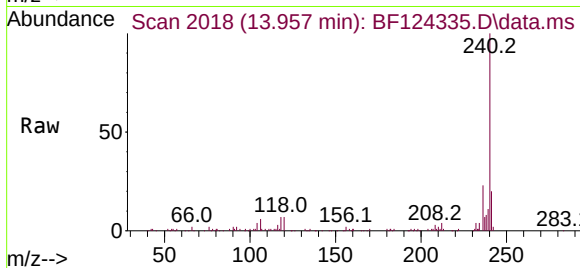




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124335.D
Acq: 15 Jun 2021 21:57

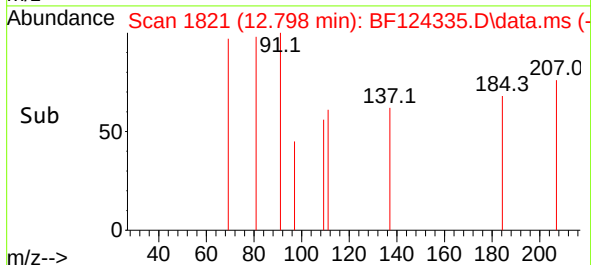
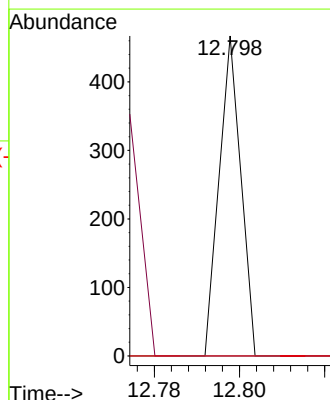
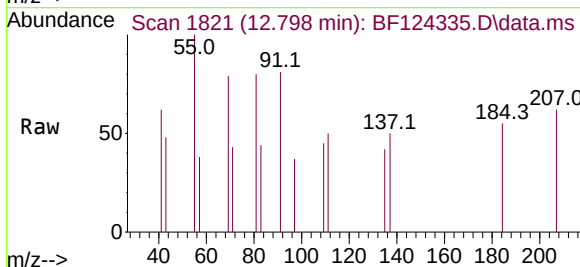
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921DL

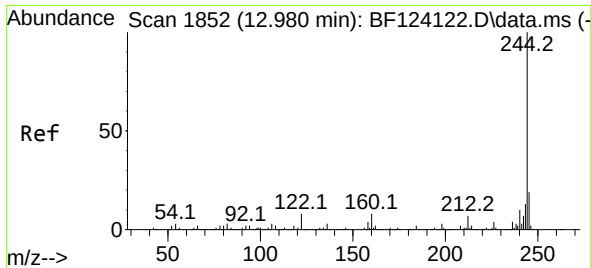
Tgt Ion:240 Resp: 94234
Ion Ratio Lower Upper
240 100
120 6.6 7.2 10.8#
236 23.3 19.0 28.4



#77
Benzidine
Concen: 4.13 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.100 min
Lab File: BF124335.D
Acq: 15 Jun 2021 21:57

Tgt Ion:184 Resp: 165
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#

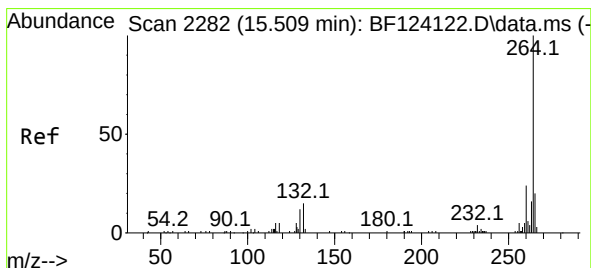
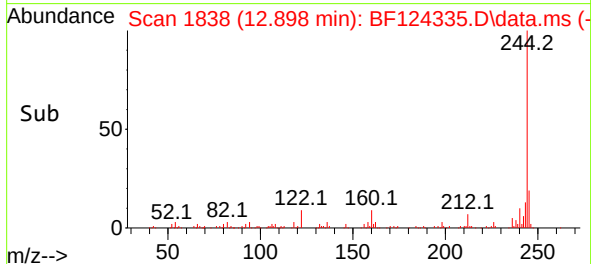
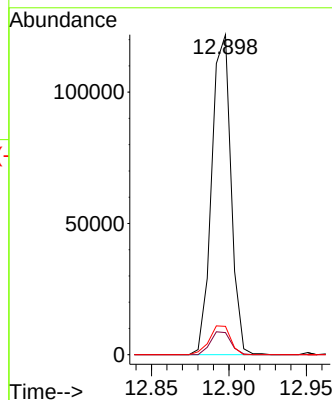
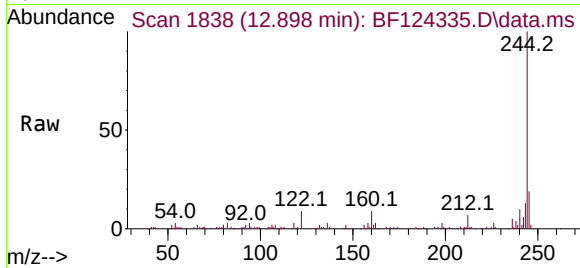




#79
 Terphenyl-d14
 Concen: 15.35 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF124335.D
 Acq: 15 Jun 2021 21:57

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

Tgt Ion:244 Resp: 105390
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.8 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: BF124335.D
 Acq: 15 Jun 2021 21:57

Tgt Ion:264 Resp: 80305
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 20.8 17.8 26.8

