

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061521\
 Data File : BF124336.D
 Acq On : 15 Jun 2021 22:30
 Operator : JU/CG
 Sample : M2674-12DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-06-060921DL

Quant Time: Jun 16 01:28:29 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)

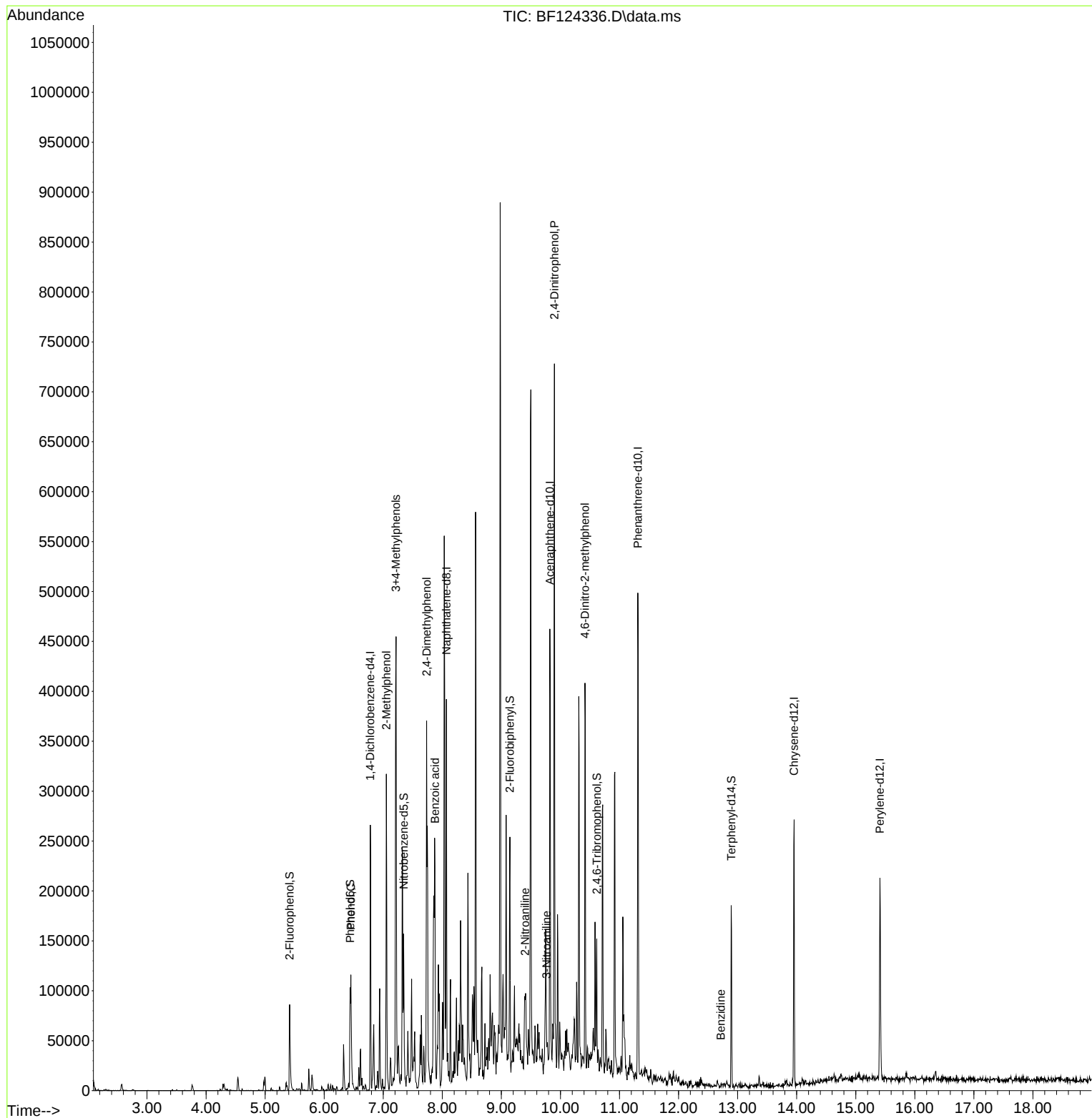
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	33966	20.00	ng	0.00
21) Naphthalene-d8	8.069	136	126364	20.00	ng	# 0.00
39) Acenaphthene-d10	9.822	164	76863	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	138206	20.00	ng	0.00
76) Chrysene-d12	13.957	240	87399	20.00	ng	0.00
86) Perylene-d12	15.409	264	82790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	24173	10.71	ng	0.00
7) Phenol-d6	6.439	99	26696	8.80	ng	0.00
23) Nitrobenzene-d5	7.345	82	30376	9.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	12992	11.93	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	48600	7.96	ng	0.00
79) Terphenyl-d14	12.892	244	51247	8.05	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.451	94	30120	9.19	ng	93
17) 2-Methylphenol	7.051	107	40408	19.80	ng	90
20) 3+4-Methylphenols	7.216	107	100038	36.99	ng	# 69
27) 2,4-Dimethylphenol	7.733	122	69619	34.58	ng	92
32) Benzoic acid	7.875	122	62051	50.23	ng	# 12
48) 2-Nitroaniline	9.404	65	6664	3.50	ng	# 32
53) 3-Nitroaniline	9.763	138	3052	2.24	ng	# 1
54) 2,4-Dinitrophenol	9.898	184	860	4.61	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.416	198	9464	8.52	ng	# 47
77) Benzidine	12.715	184	112	4.11	ng	# 68

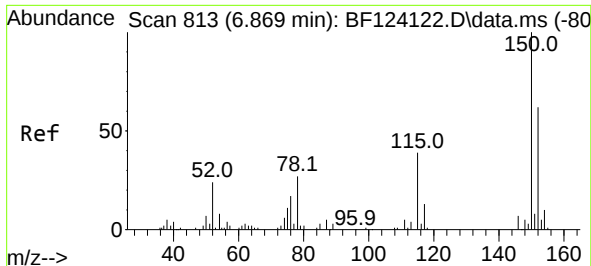
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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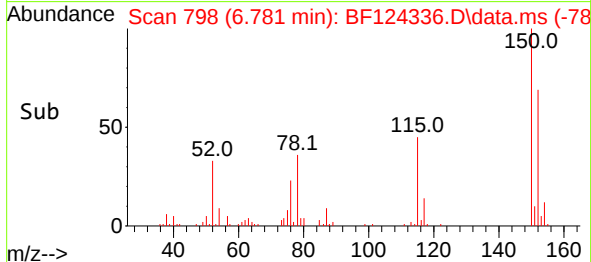
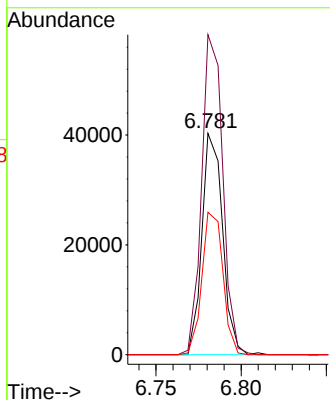
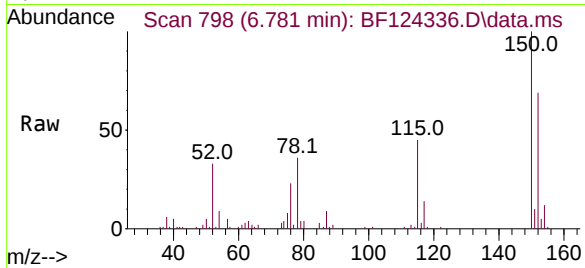




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

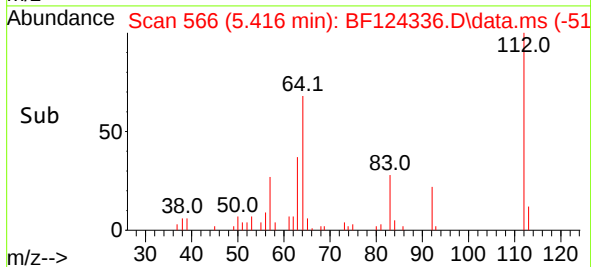
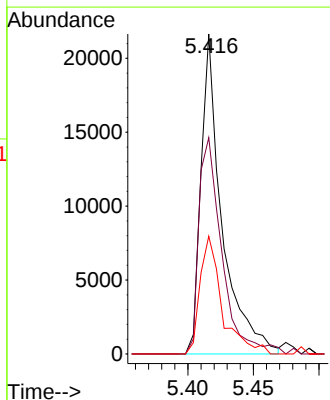
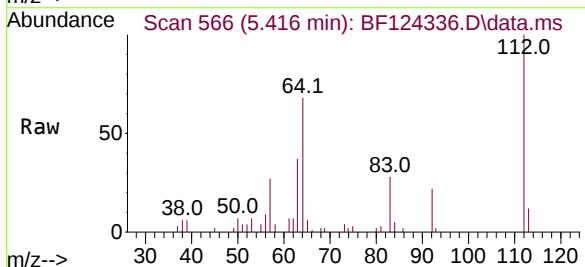
Instrument :
BNA_F
ClientSampleId :
TMR-DS-06-060921DL

Tgt Ion:152 Resp: 33966
Ion Ratio Lower Upper
152 100
150 144.6 127.0 190.6
115 64.4 54.3 81.5



#5
2-Fluorophenol
Concen: 10.71 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.000 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

Tgt Ion:112 Resp: 24173
Ion Ratio Lower Upper
112 100
64 67.6 61.4 92.0
63 36.8 33.0 49.4

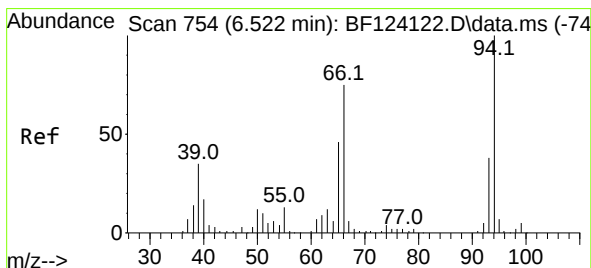
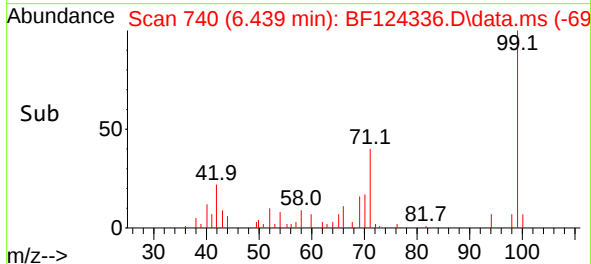
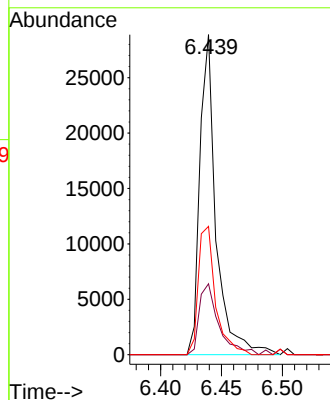
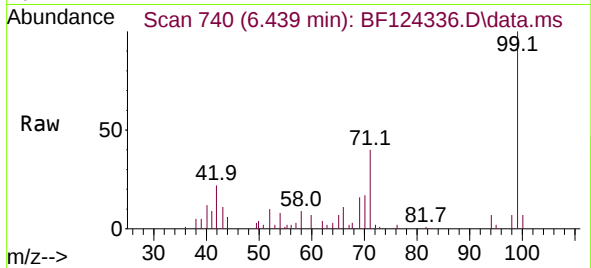




#7
Phenol-d6
Concen: 8.80 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

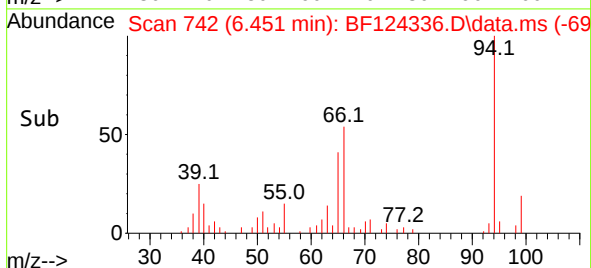
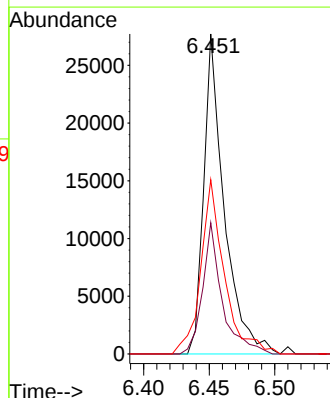
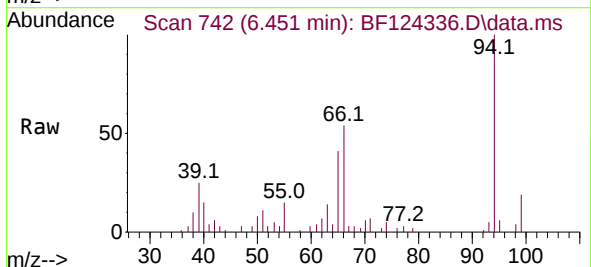
Instrument :
BNA_F
ClientSampleId :
TMR-DS-06-060921DL

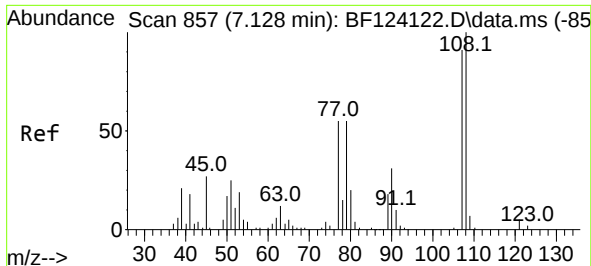
Tgt Ion: 99	Resp: 26696
Ion Ratio	Lower Upper
99 100	
42 22.1	19.8 29.8
71 40.1	31.1 46.7



#10
Phenol
Concen: 9.19 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

Tgt Ion: 94	Resp: 30120
Ion Ratio	Lower Upper
94 100	
65 41.0	18.1 58.1
66 54.5	29.0 69.0

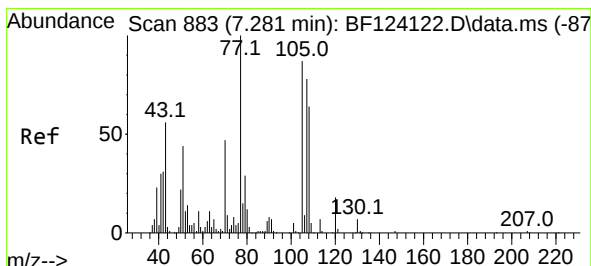
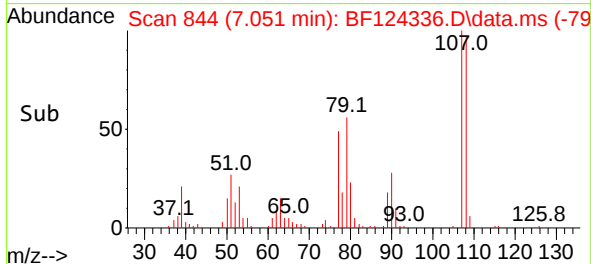
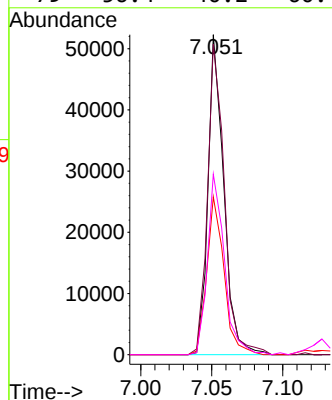
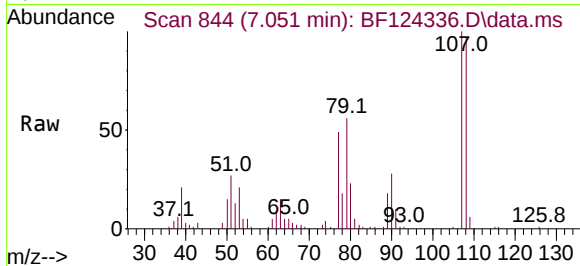




#17
2-Methylphenol
Concen: 19.80 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

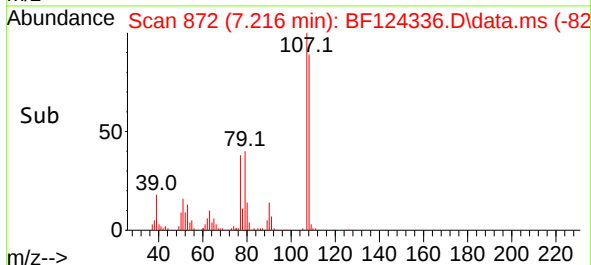
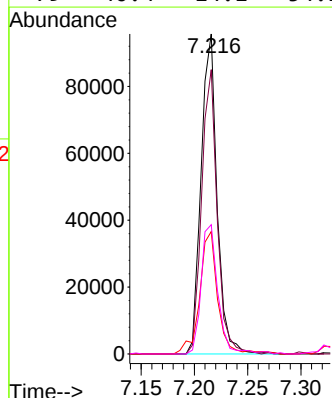
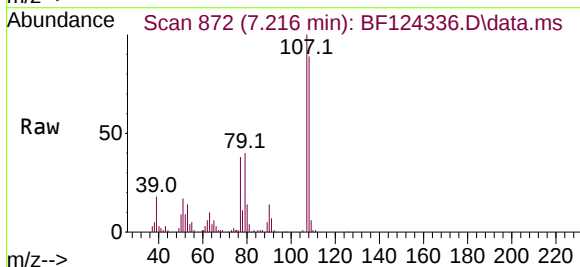
Instrument :
BNA_F
ClientSampleId :
TMR-DS-06-060921DL

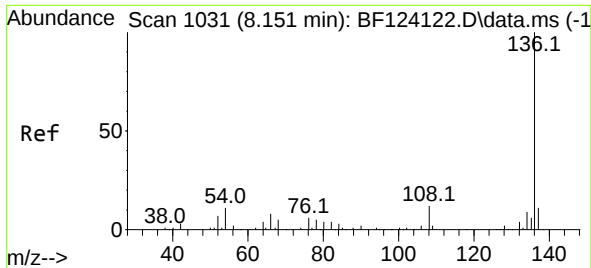
Tgt Ion:	107	Resp:	40408
Ion	Ratio	Lower	Upper
107	100		
108	97.0	89.8	134.8
77	49.3	40.9	61.3
79	56.4	40.2	60.4



#20
3+4-Methylphenols
Concen: 36.99 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

Tgt Ion:	107	Resp:	100038
Ion	Ratio	Lower	Upper
107	100		
108	88.8	71.5	111.5
77	38.3	82.0	122.0#
79	40.4	14.1	54.1

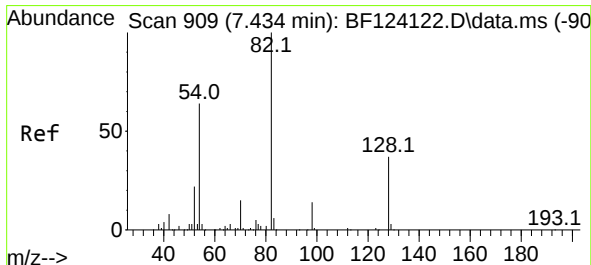
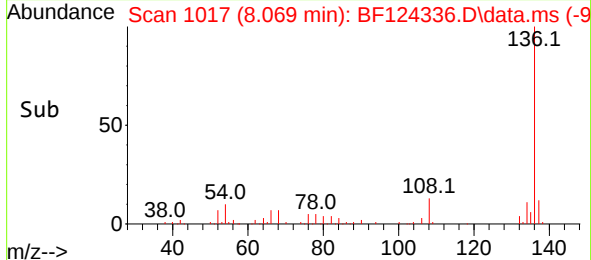
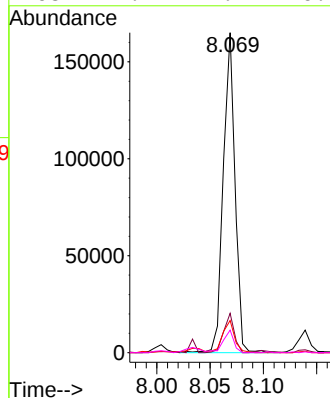
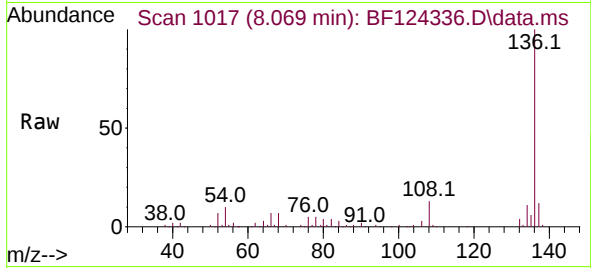




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

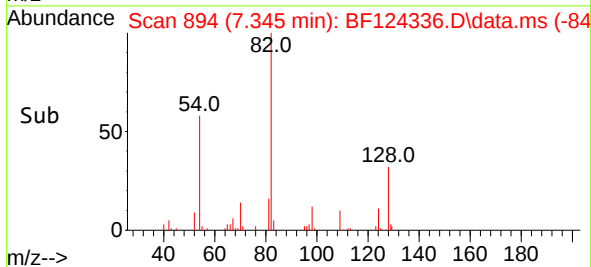
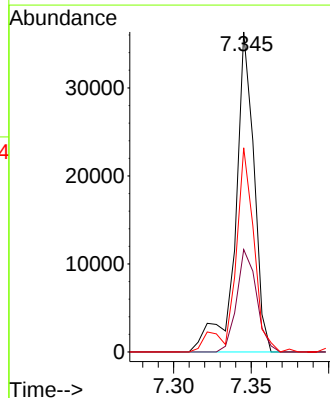
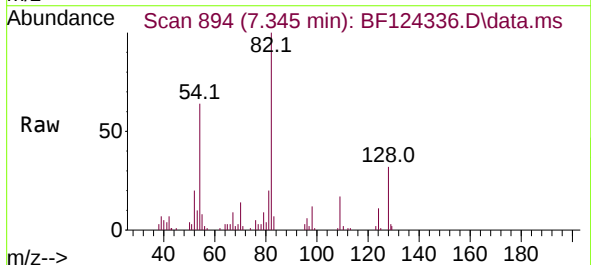
Instrument :
BNA_F
ClientSampleId :
TMR-DS-06-060921DL

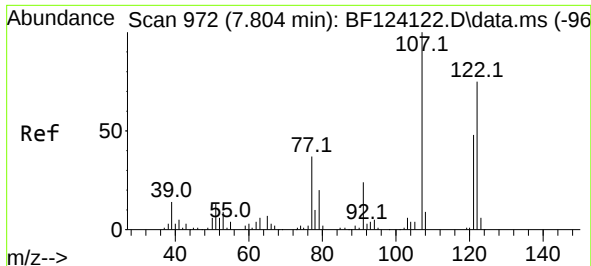
Tgt Ion:136	Resp:	126364
Ion Ratio	Lower	Upper
136	100	
137	12.3	8.7 13.1
54	10.1	9.8 14.6
68	7.1	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 9.53 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

Tgt Ion: 82	Resp:	30376
Ion Ratio	Lower	Upper
82	100	
128	32.0	29.4 44.2
54	63.8	54.1 81.1





#27

2,4-Dimethylphenol

Concen: 34.58 ng

RT: 7.733 min Scan# 960

Delta R.T. -0.006 min

Lab File: BF124336.D

Acq: 15 Jun 2021 22:30

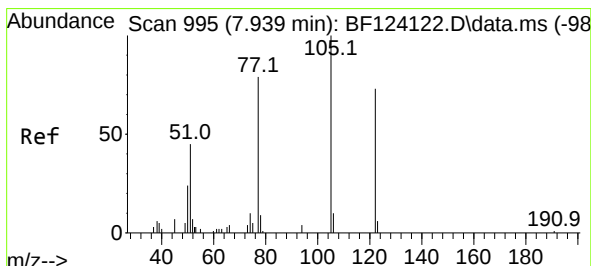
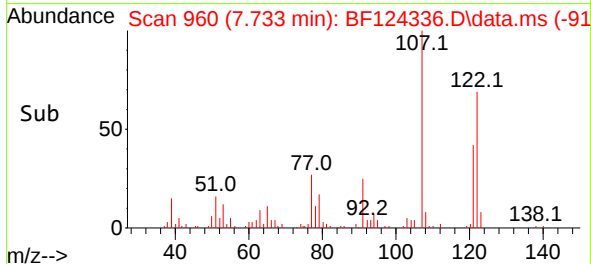
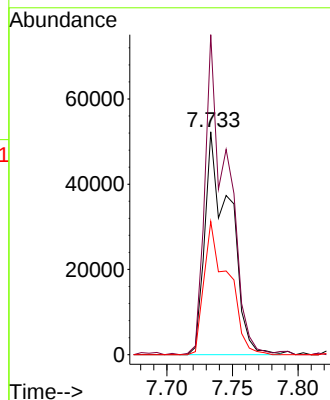
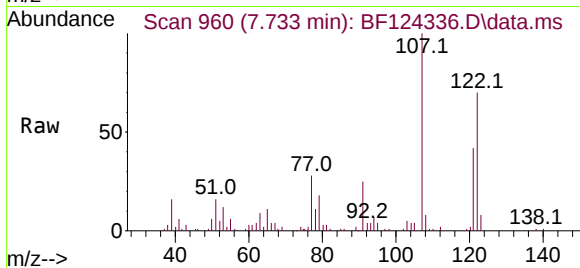
Tgt Ion:	122	Resp:	69619
Ion	Ratio	Lower	Upper
122	100		
107	143.6	106.3	159.5
121	59.7	45.4	68.0

Instrument :

BNA_F

ClientSampleId :

TMR-DS-06-060921DL



#32

Benzoic acid

Concen: 50.23 ng

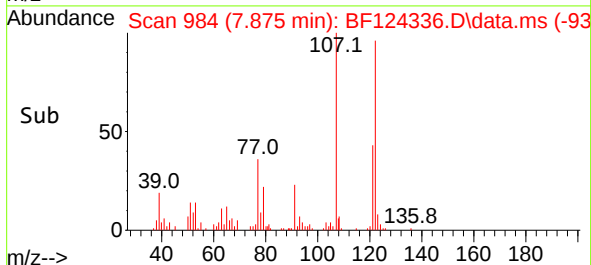
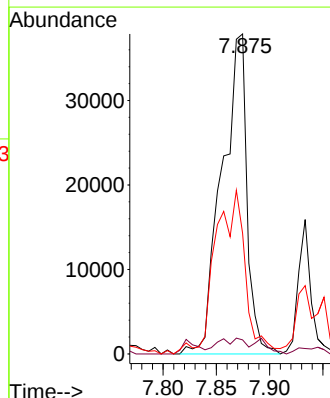
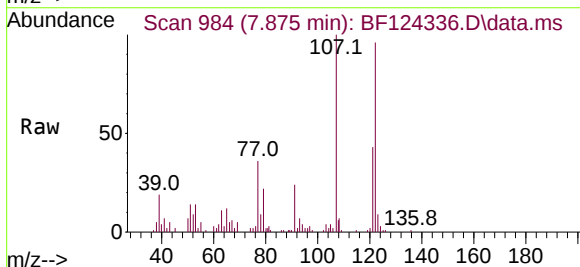
RT: 7.875 min Scan# 984

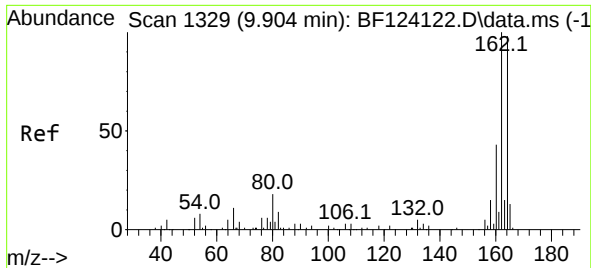
Delta R.T. -0.006 min

Lab File: BF124336.D

Acq: 15 Jun 2021 22:30

Tgt Ion:	122	Resp:	62051
Ion	Ratio	Lower	Upper
122	100		
105	4.4	107.8	147.8#
77	37.7	81.6	121.6#

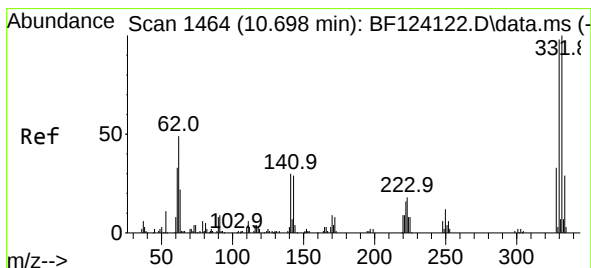
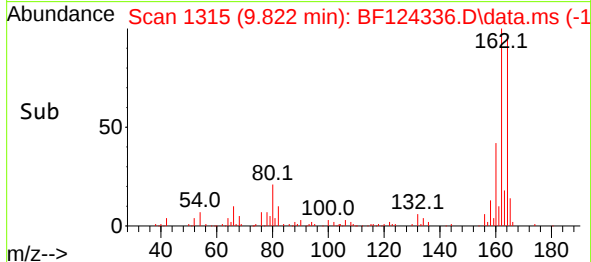
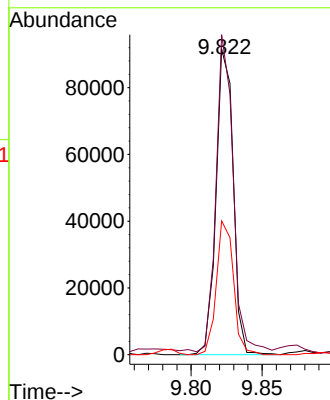
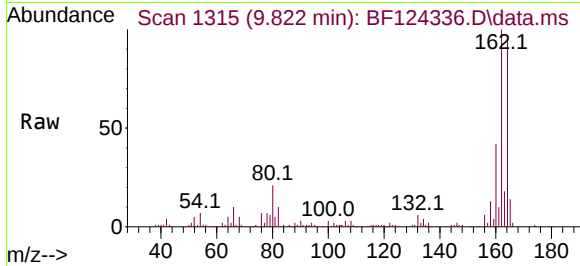




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

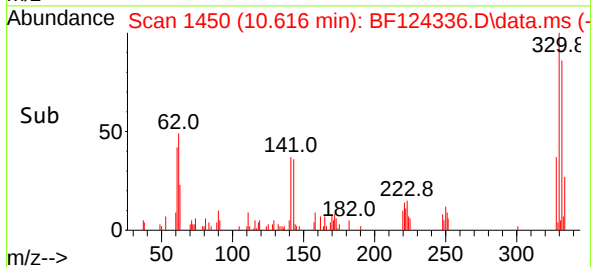
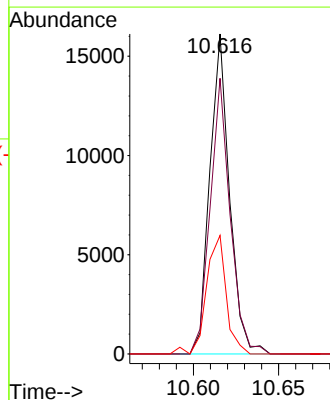
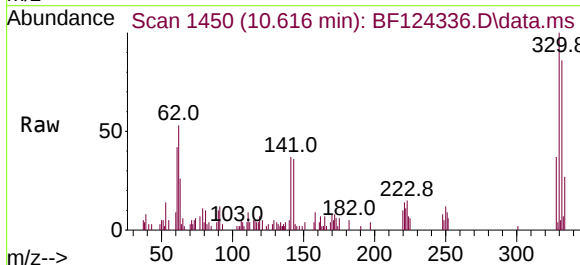
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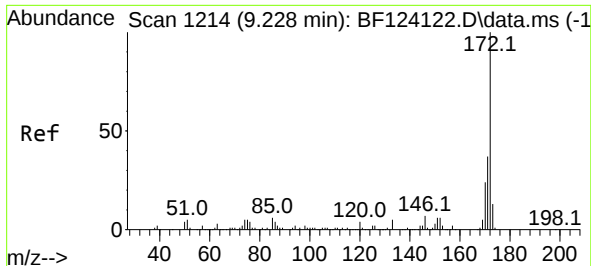
Tgt Ion:164	Resp:	76863
Ion Ratio	Lower	Upper
164	100	
162	104.7	80.7 121.1
160	43.8	37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 11.93 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

Tgt Ion:330	Resp:	12992
Ion Ratio	Lower	Upper
330	100	
332	87.5	77.1 115.7
141	37.1	27.9 41.9

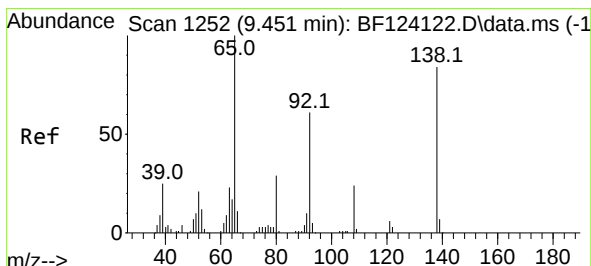
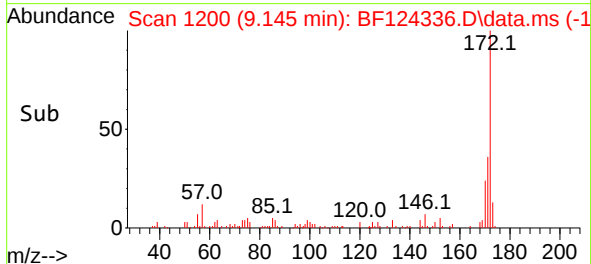
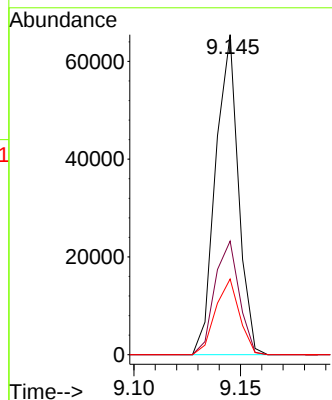
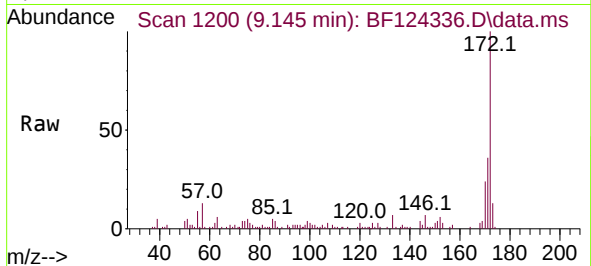




#45
2-Fluorobiphenyl
Concen: 7.96 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

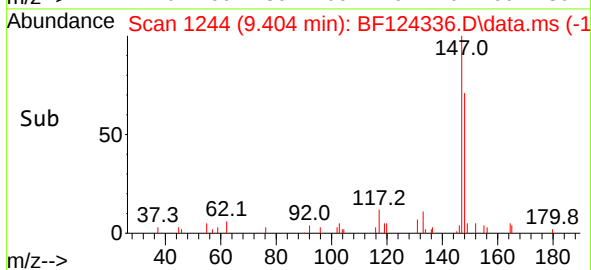
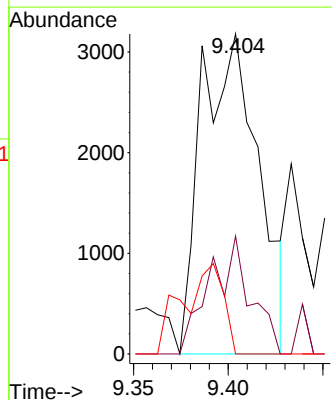
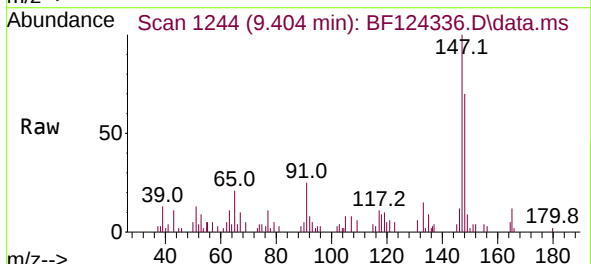
Instrument :
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TMR-DS-06-060921DL

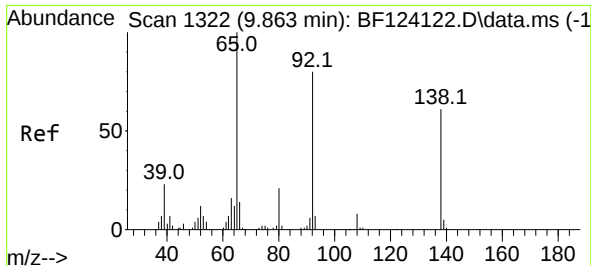
Tgt Ion:172 Resp: 48600
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.6 19.2 28.8



#48
2-Nitroaniline
Concen: 3.50 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.023 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

Tgt Ion: 65 Resp: 6664
Ion Ratio Lower Upper
65 100
92 36.8 47.1 70.7#
138 0.0 70.2 105.2#

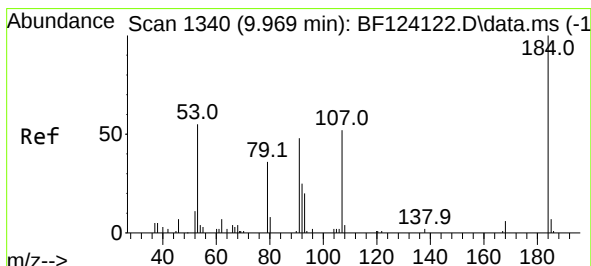
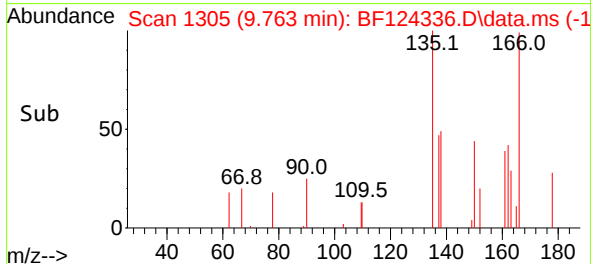
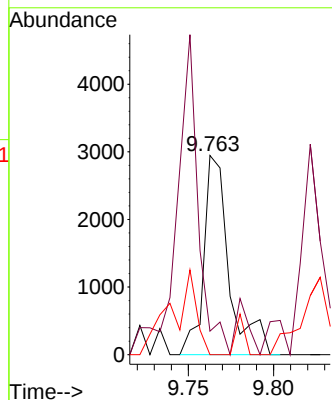
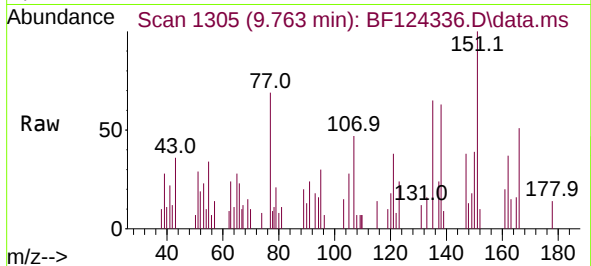




#53
3-Nitroaniline
Concen: 2.24 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.035 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

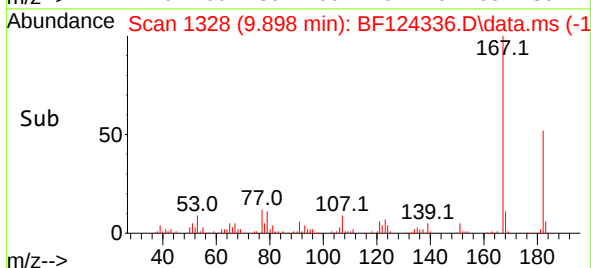
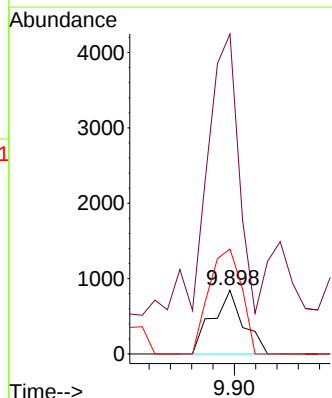
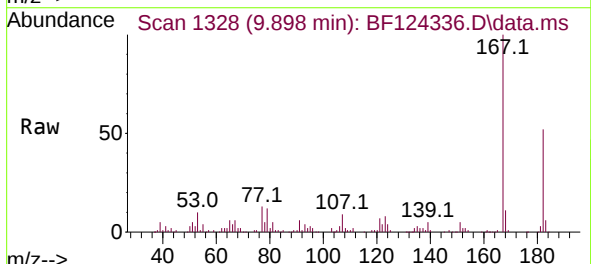
Instrument :
BNA_F
ClientSampleId :
TMR-DS-06-060921DL

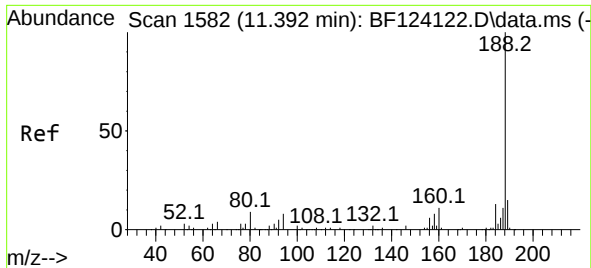
Tgt Ion:138 Resp: 3052
Ion Ratio Lower Upper
138 100
108 11.8 10.2 15.4
92 0.0 103.3 154.9#



#54
2,4-Dinitrophenol
Concen: 4.61 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

Tgt Ion:184 Resp: 860
Ion Ratio Lower Upper
184 100
63 501.9 73.5 110.3#
154 164.5 52.5 78.7#

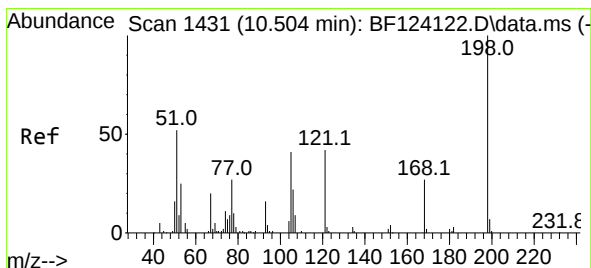
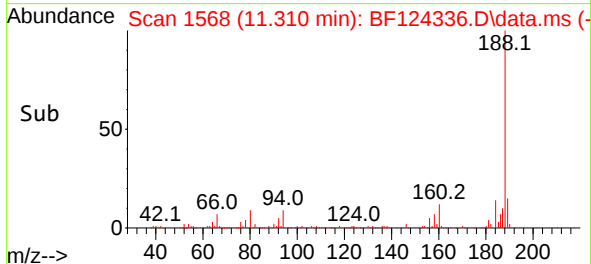
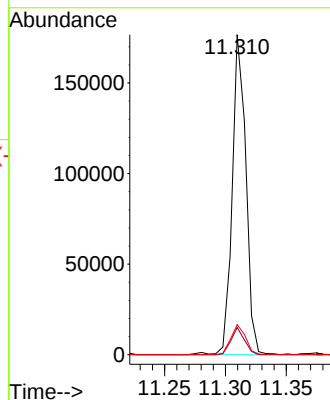
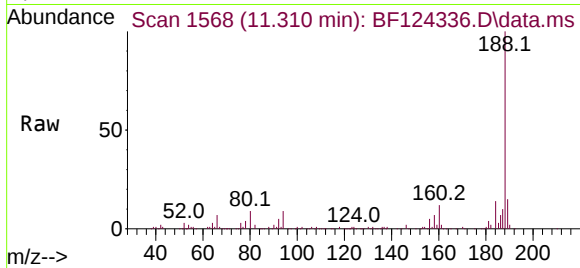




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

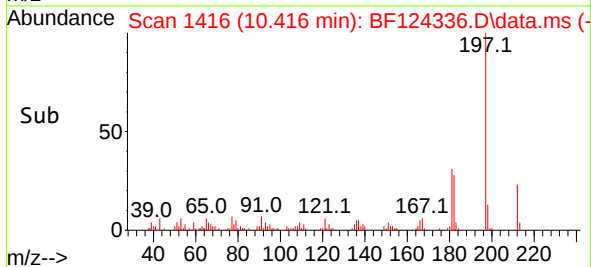
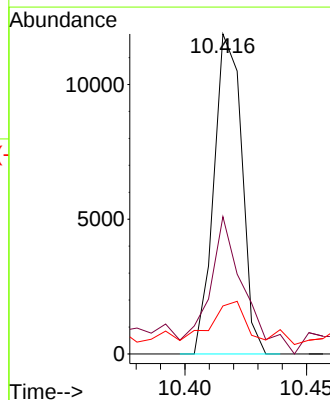
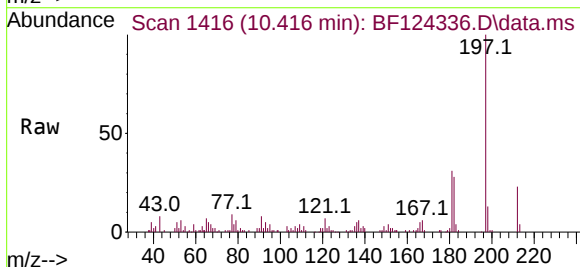
Instrument :
BNA_F
ClientSampleId :
TMR-DS-06-060921DL

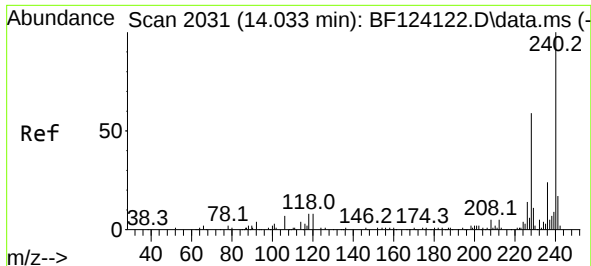
Tgt Ion:188 Resp: 138206
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.4 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 8.52 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.024 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

Tgt Ion:198 Resp: 9464
Ion Ratio Lower Upper
198 100
51 42.9 64.8 104.8#
105 15.0 42.6 82.6#

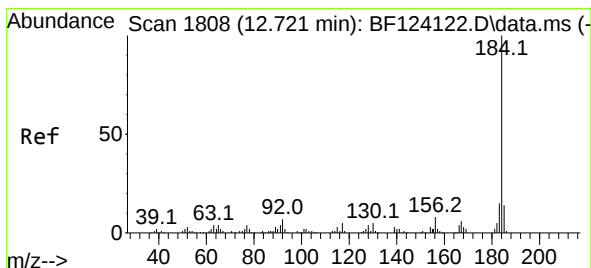
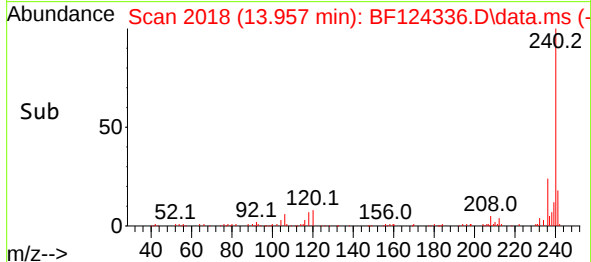
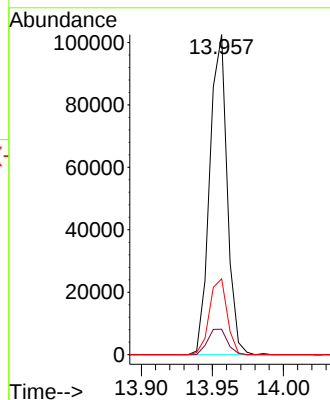
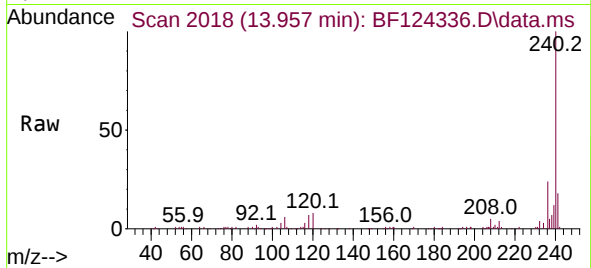




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

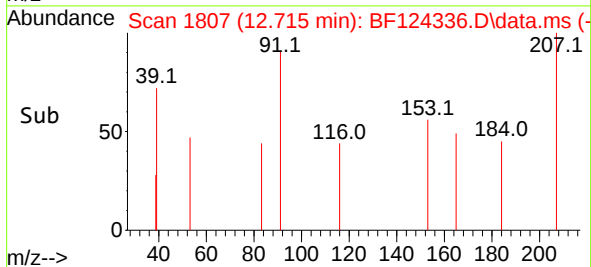
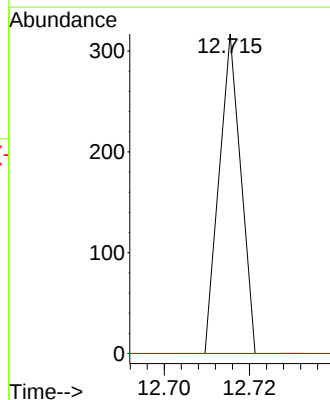
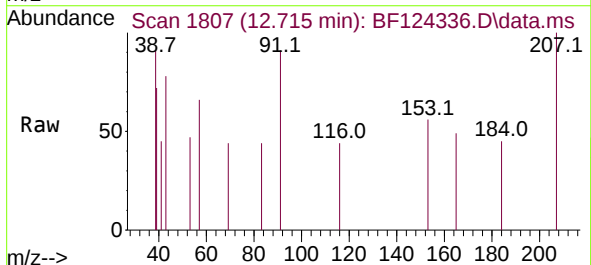
Instrument :
BNA_F
ClientSampleId :
TMR-DS-06-060921DL

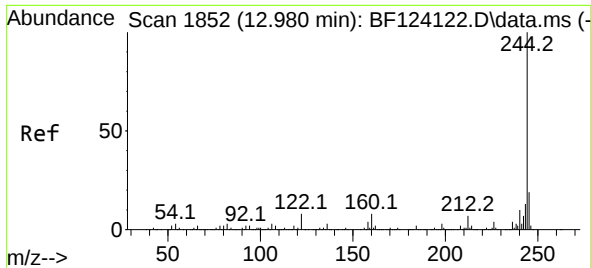
Tgt Ion:240 Resp: 87399
Ion Ratio Lower Upper
240 100
120 8.0 7.2 10.8
236 23.7 19.0 28.4



#77
Benzidine
Concen: 4.11 ng
RT: 12.715 min Scan# 1807
Delta R.T. 0.018 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

Tgt Ion:184 Resp: 112
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#

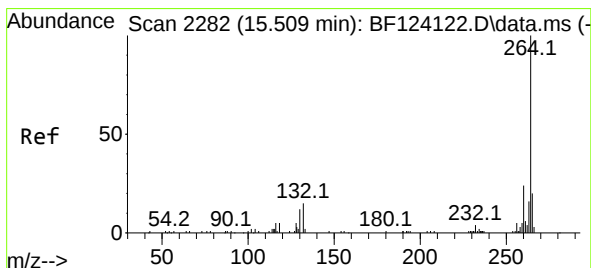
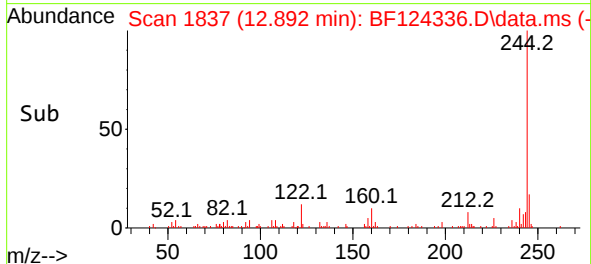
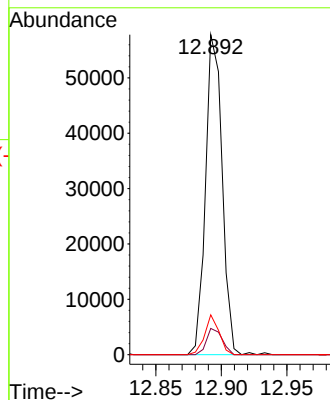
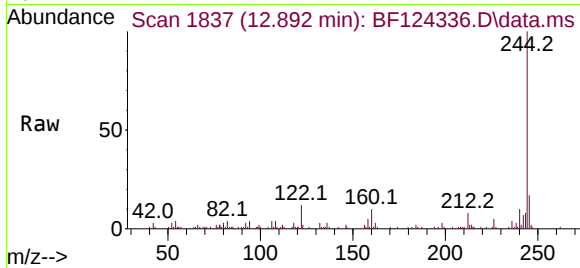




#79
Terphenyl-d14
Concen: 8.05 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF124336.D
Acq: 15 Jun 2021 22:30

Instrument :
BNA_F
ClientSampleId :
TMR-DS-06-060921DL

Tgt Ion:244 Resp: 51247
Ion Ratio Lower Upper
244 100
212 8.2 5.7 8.5
122 12.5 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: BF124336.D
Acq: 15 Jun 2021 22:30

Tgt Ion:264 Resp: 82790
Ion Ratio Lower Upper
264 100
260 20.9 18.7 28.1
265 23.0 17.8 26.8

