

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061521\
 Data File : BF124332.D
 Acq On : 15 Jun 2021 20:19
 Operator : JU/CG
 Sample : M2674-09 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-03-060921

Quant Time: Jun 15 20:40:09 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)

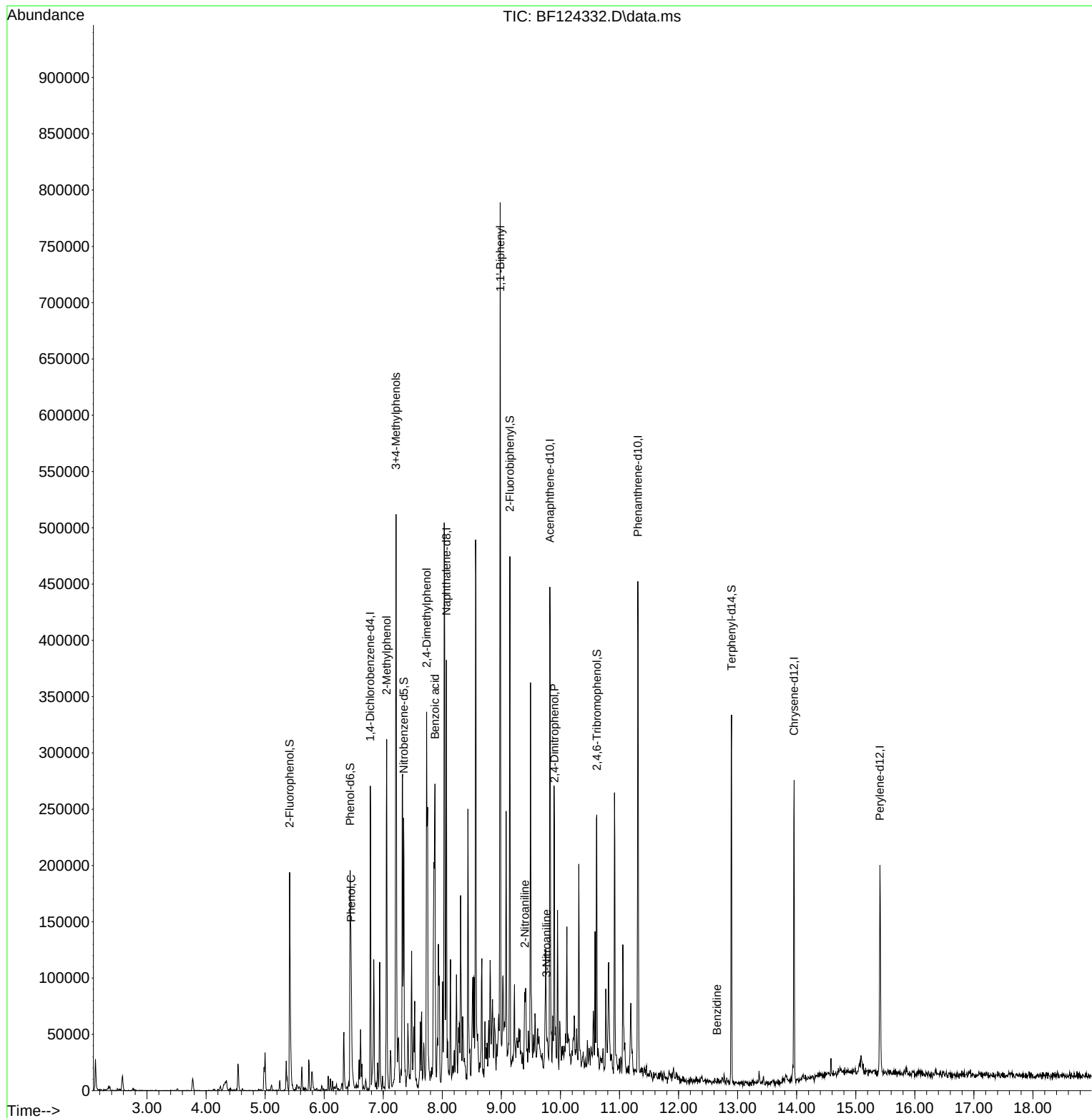
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	35147	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	129538	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	73111	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	129467	20.000	ng	0.00
76) Chrysene-d12	13.957	240	81385	20.000	ng	0.00
86) Perylene-d12	15.410	264	72794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	48925	20.955	ng	0.00
7) Phenol-d6	6.440	99	56952	18.147	ng	0.00
23) Nitrobenzene-d5	7.345	82	55216	16.906	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	22764	21.977	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	101637	17.493	ng	0.00
79) Terphenyl-d14	12.898	244	97813	16.501	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.457	94	37192	10.966	ng	93
17) 2-Methylphenol	7.057	107	41280	19.546	ng	97
20) 3+4-Methylphenols	7.216	107	104416	37.313	ng	# 69
27) 2,4-Dimethylphenol	7.734	122	66798	32.365	ng	94
32) Benzoic acid	7.875	122	59754	47.183	ng	# 14
46) 1,1'-Biphenyl	8.981	154	111163	18.012	ng	# 43
48) 2-Nitroaniline	9.398	65	5619	3.099	ng	# 32
53) 3-Nitroaniline	9.763	138	2926	2.254	ng	# 1
54) 2,4-Dinitrophenol	9.898	184	121	3.674	ng	# 1
77) Benzidine	12.651	184	108	4.113	ng	# 68

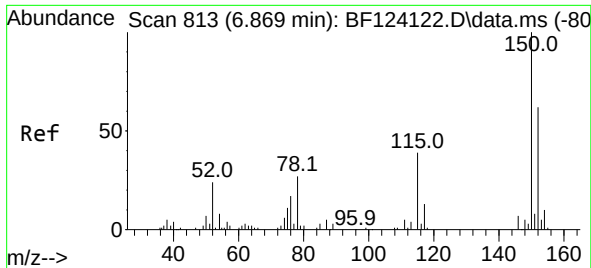
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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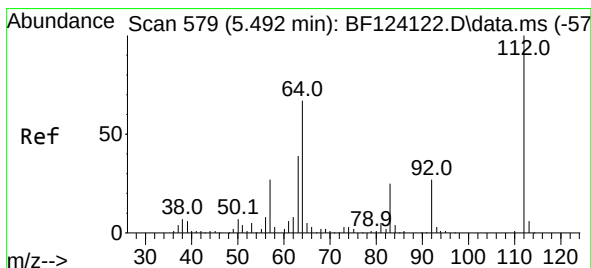
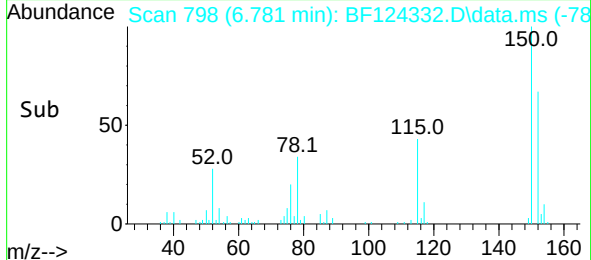
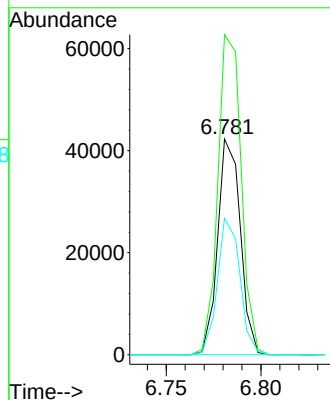
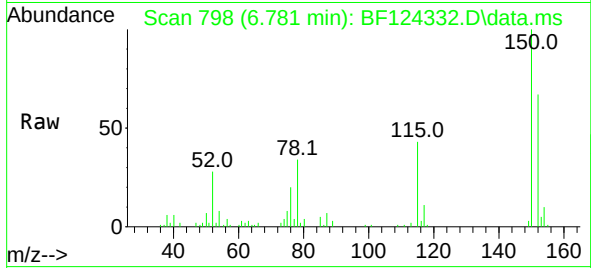




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124332.D
Acq: 15 Jun 2021 20:19

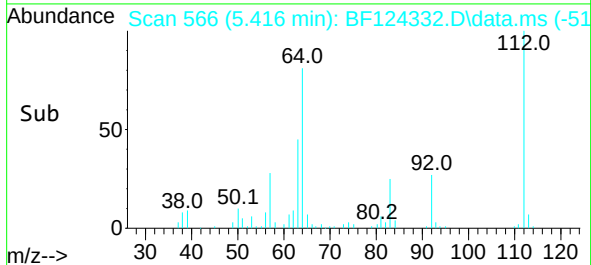
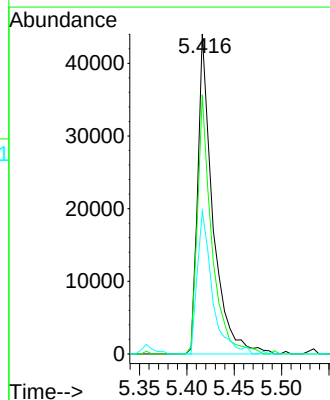
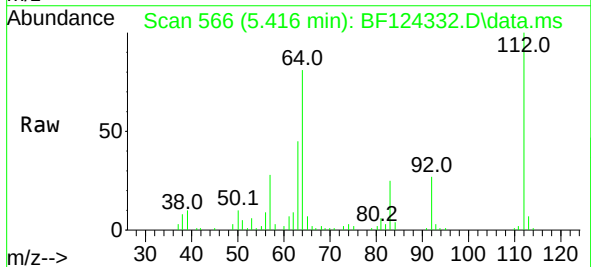
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921

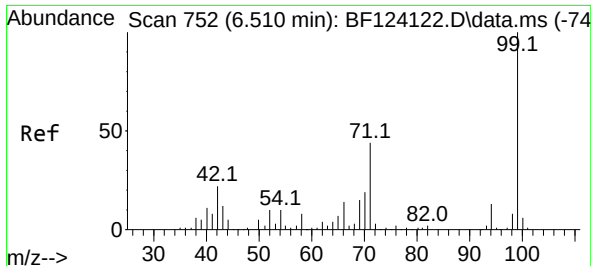
Tgt Ion:152 Resp: 35147
Ion Ratio Lower Upper
152 100
150 148.4 127.0 190.6
115 63.3 54.3 81.5



#5
2-Fluorophenol
Concen: 20.955 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF124332.D
Acq: 15 Jun 2021 20:19

Tgt Ion:112 Resp: 48925
Ion Ratio Lower Upper
112 100
64 81.0 61.4 92.0
63 44.7 33.0 49.4

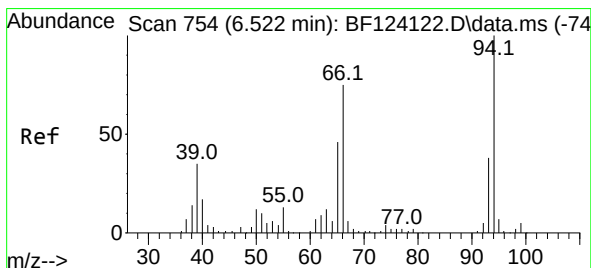
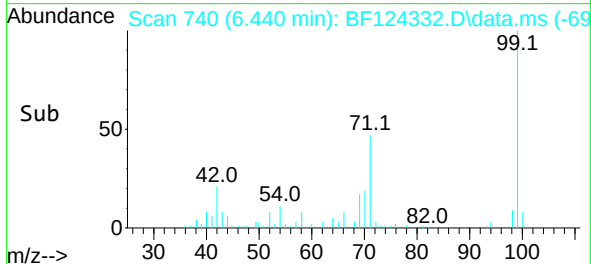
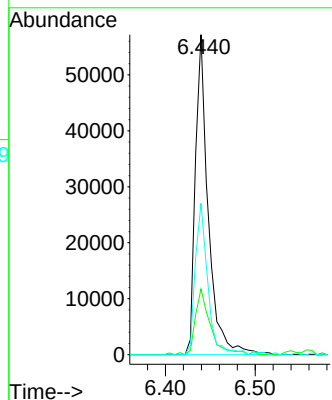
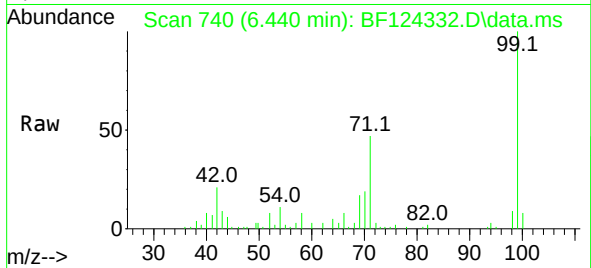




#7
Phenol-d6
Concen: 18.147 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF124332.D
Acq: 15 Jun 2021 20:19

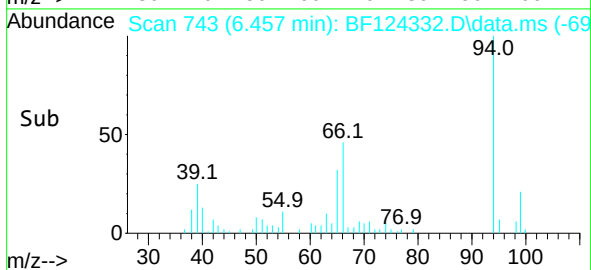
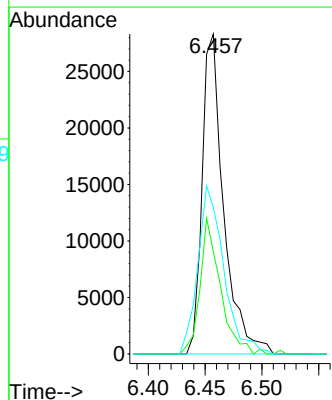
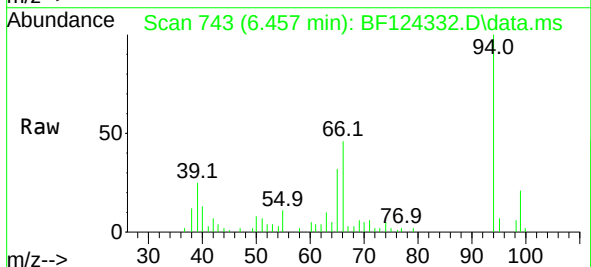
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921

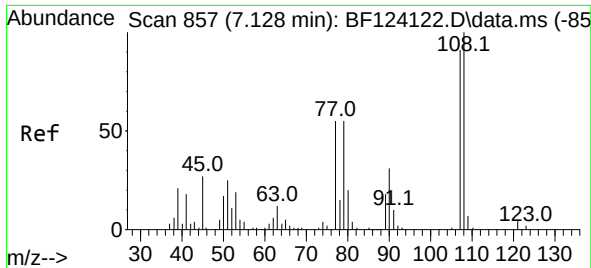
Tgt Ion: 99 Resp: 56952
Ion Ratio Lower Upper
99 100
42 20.5 19.8 29.8
71 47.3 31.1 46.7#



#10
Phenol
Concen: 10.966 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF124332.D
Acq: 15 Jun 2021 20:19

Tgt Ion: 94 Resp: 37192
Ion Ratio Lower Upper
94 100
65 31.9 18.1 58.1
66 45.8 29.0 69.0

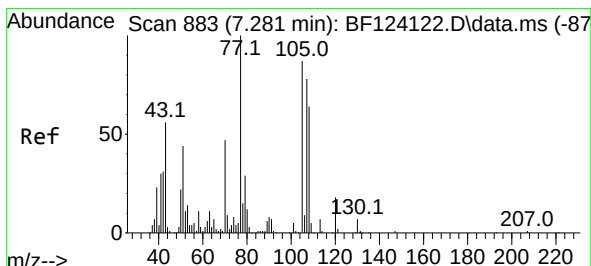
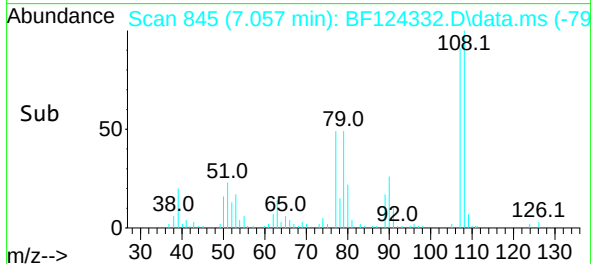
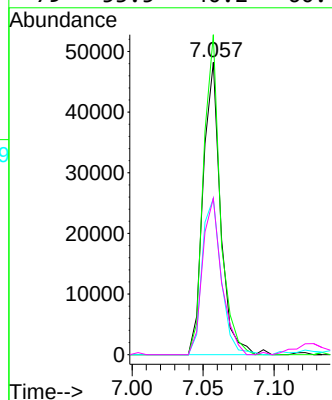
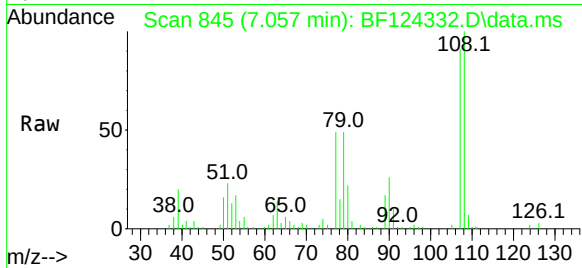




#17
2-Methylphenol
Concen: 19.546 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF124332.D
Acq: 15 Jun 2021 20:19

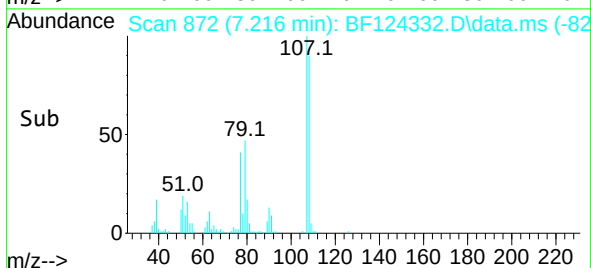
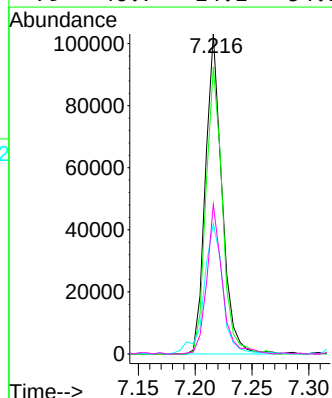
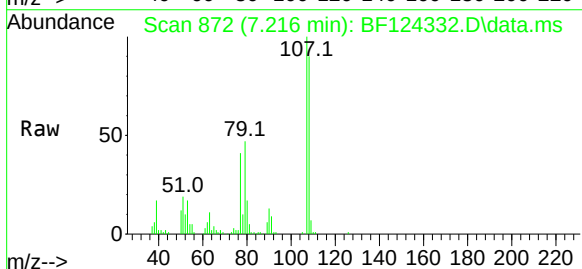
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921

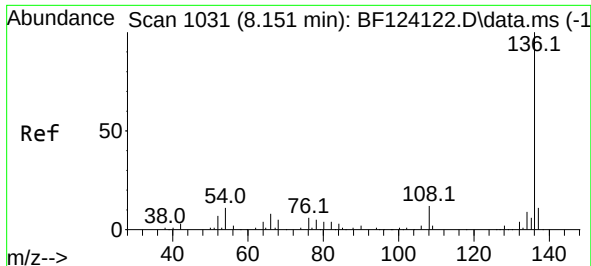
Tgt Ion:	107	Resp:	41280
Ion	Ratio	Lower	Upper
107	100		
108	109.4	89.8	134.8
77	53.4	40.9	61.3
79	53.5	40.2	60.4



#20
3+4-Methylphenols
Concen: 37.313 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF124332.D
Acq: 15 Jun 2021 20:19

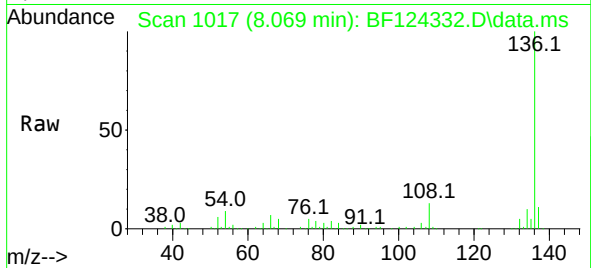
Tgt Ion:	107	Resp:	104416
Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.5	111.5
77	40.7	82.0	122.0#
79	46.7	14.1	54.1



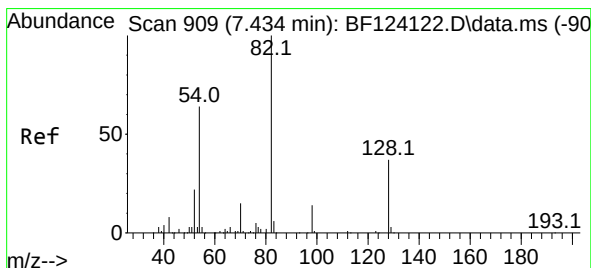
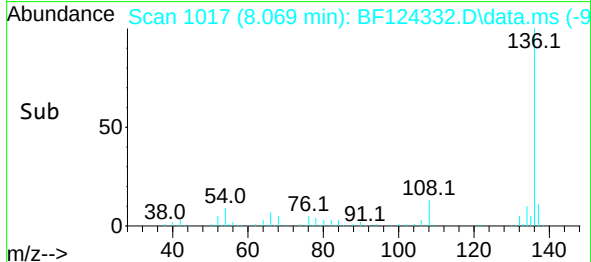
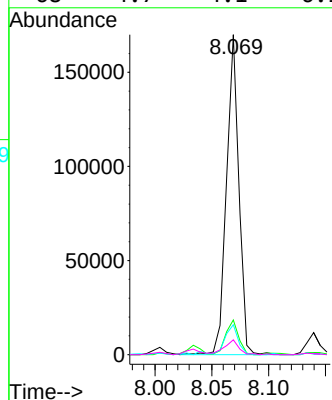


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124332.D
Acq: 15 Jun 2021 20:19

Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921

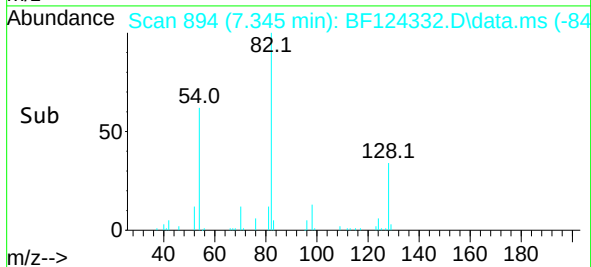
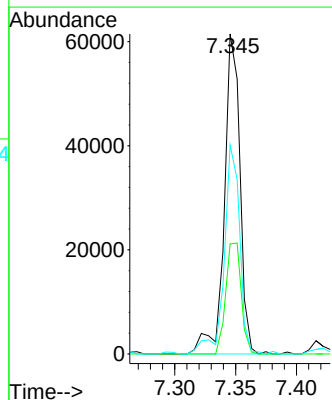
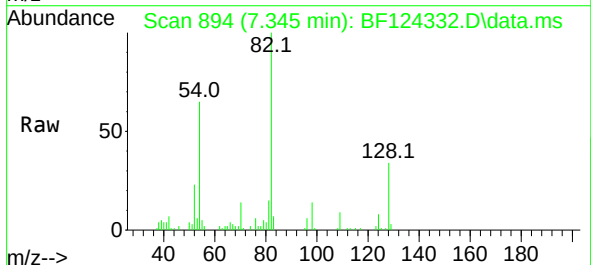


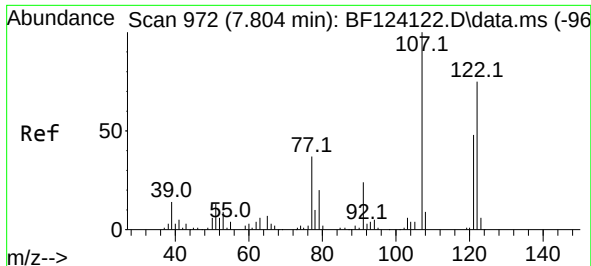
Tgt Ion:136 Resp: 129538
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.4 9.8 14.6#
68 4.7 4.1 6.1



#23
Nitrobenzene-d5
Concen: 16.906 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF124332.D
Acq: 15 Jun 2021 20:19

Tgt Ion: 82 Resp: 55216
Ion Ratio Lower Upper
82 100
128 34.4 29.4 44.2
54 65.3 54.1 81.1





#27

2,4-Dimethylphenol

Concen: 32.365 ng

RT: 7.734 min Scan# 960

Delta R.T. -0.006 min

Lab File: BF124332.D

Acq: 15 Jun 2021 20:19

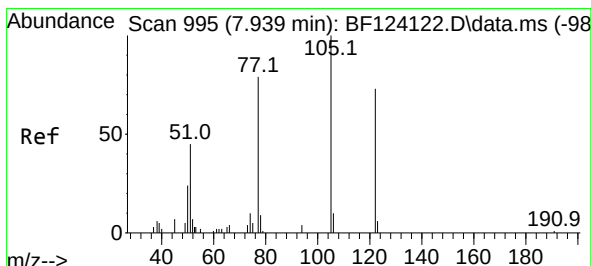
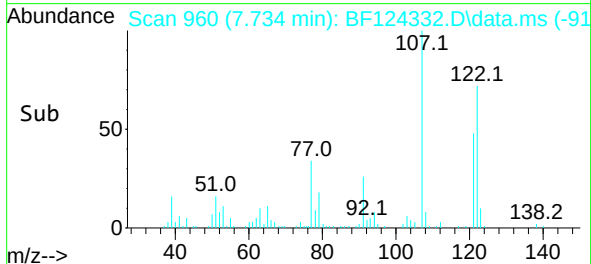
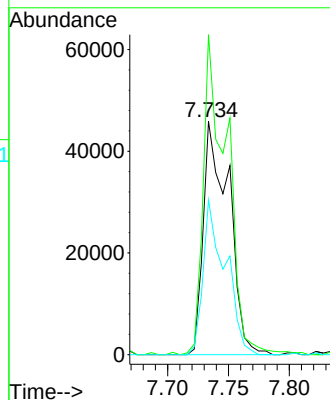
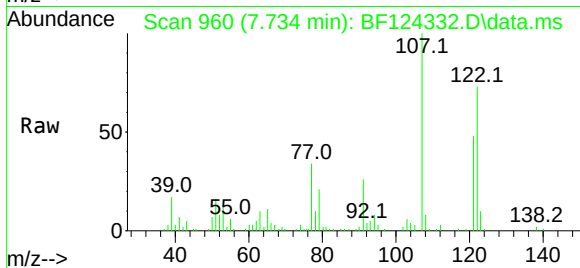
Tgt Ion:	122	Resp:	66798
Ion	Ratio	Lower	Upper
122	100		
107	137.2	106.3	159.5
121	66.4	45.4	68.0

Instrument :

BNA_F

ClientSampleId :

TMR-DS-03-060921



#32

Benzoic acid

Concen: 47.183 ng

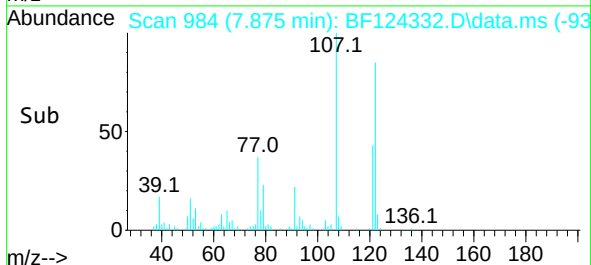
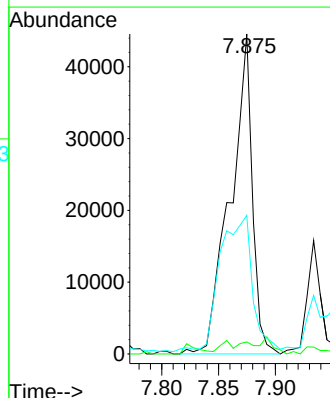
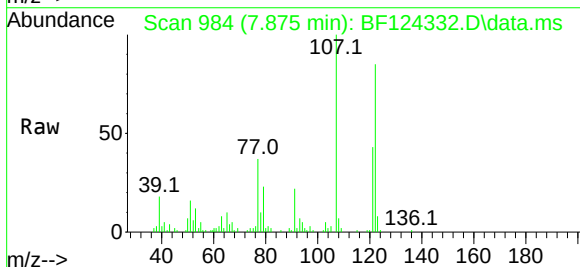
RT: 7.875 min Scan# 984

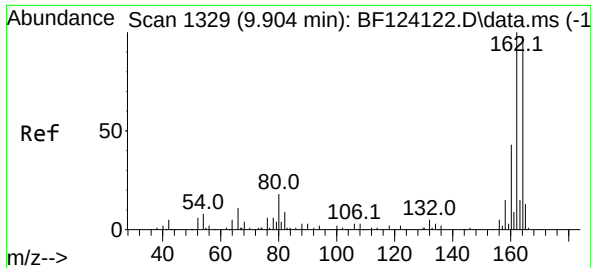
Delta R.T. -0.006 min

Lab File: BF124332.D

Acq: 15 Jun 2021 20:19

Tgt Ion:	122	Resp:	59754
Ion	Ratio	Lower	Upper
122	100		
105	3.7	107.8	147.8#
77	43.3	81.6	121.6#

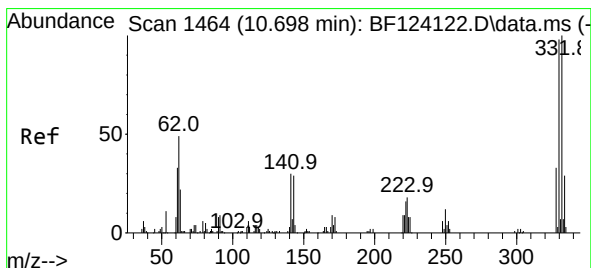
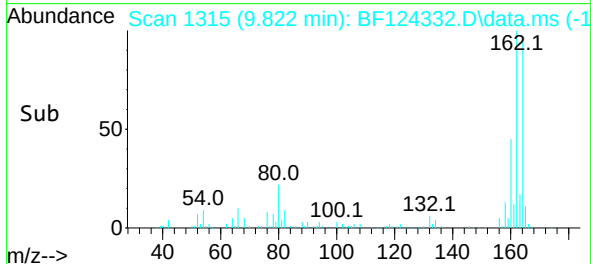
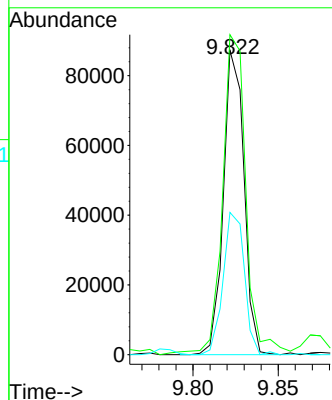
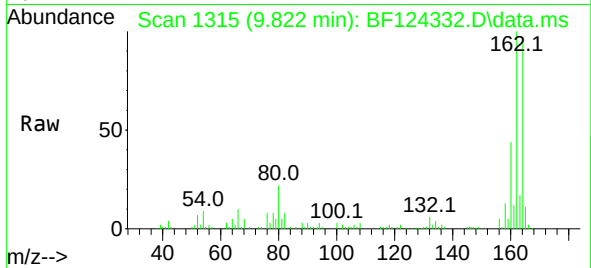




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124332.D
Acq: 15 Jun 2021 20:19

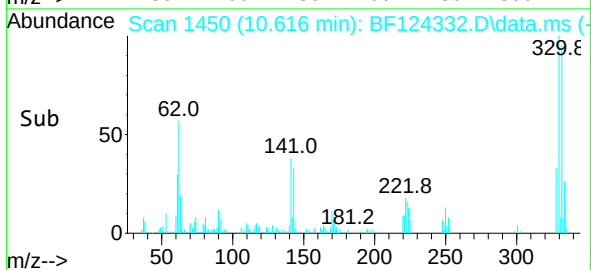
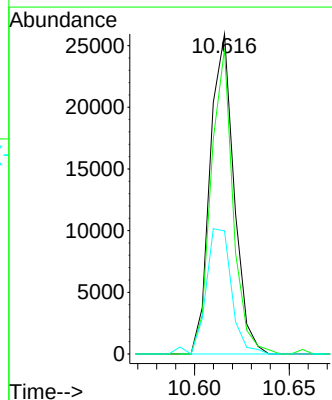
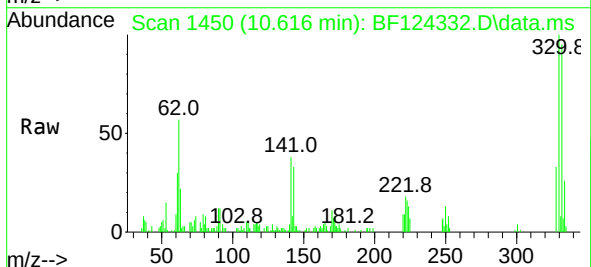
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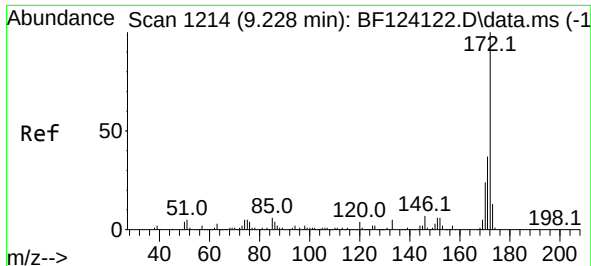
Tgt Ion:164	Resp:	73111
Ion Ratio	Lower	Upper
164	100	
162	105.2	80.7 121.1
160	46.8	37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 21.977 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124332.D
Acq: 15 Jun 2021 20:19

Tgt Ion:330	Resp:	22764
Ion Ratio	Lower	Upper
330	100	
332	87.5	77.1 115.7
141	42.0	27.9 41.9

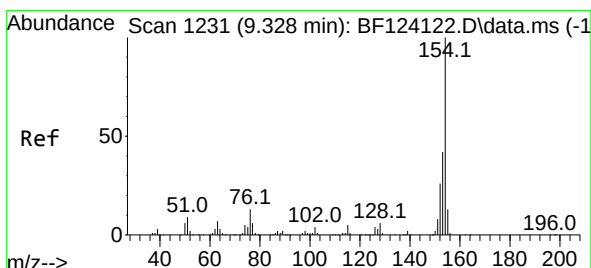
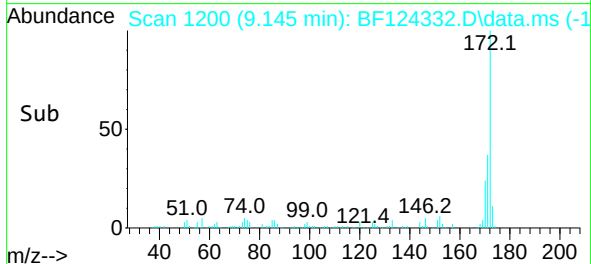
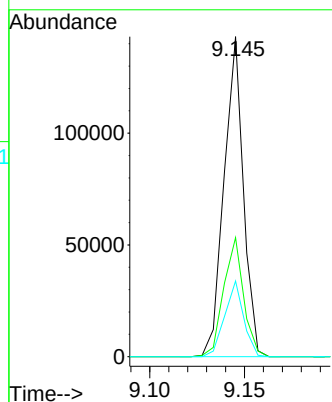
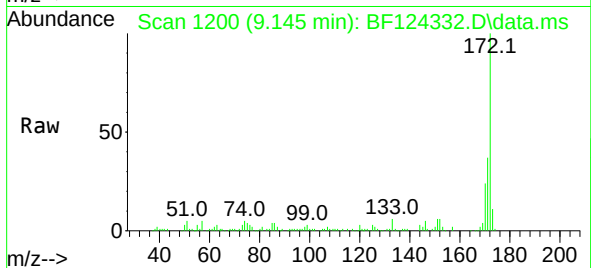




#45
2-Fluorobiphenyl
Concen: 17.493 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124332.D
Acq: 15 Jun 2021 20:19

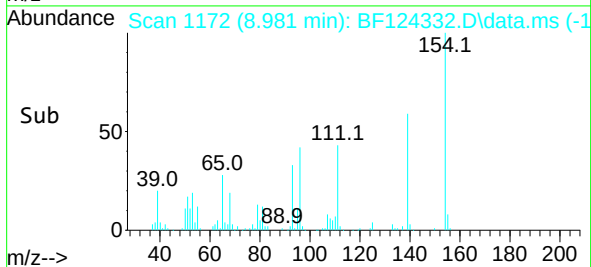
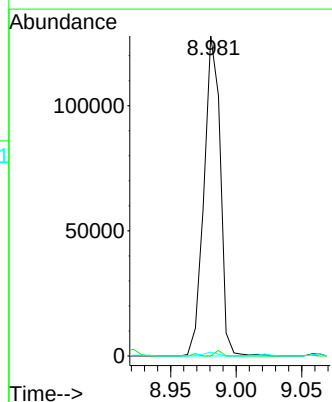
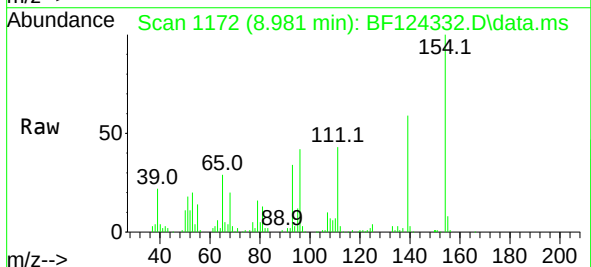
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921

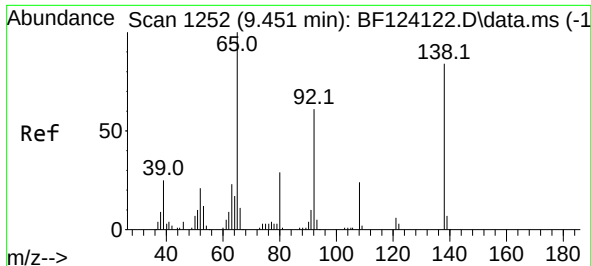
Tgt Ion:172 Resp: 101637
Ion Ratio Lower Upper
172 100
171 37.2 28.1 42.1
170 23.7 19.2 28.8



#46
1,1'-Biphenyl
Concen: 18.012 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.270 min
Lab File: BF124332.D
Acq: 15 Jun 2021 20:19

Tgt Ion:154 Resp: 111163
Ion Ratio Lower Upper
154 100
153 0.0 20.7 60.7#
76 1.2 0.0 31.7





#48

2-Nitroaniline

Concen: 3.099 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.018 min

Lab File: BF124332.D

Acq: 15 Jun 2021 20:19

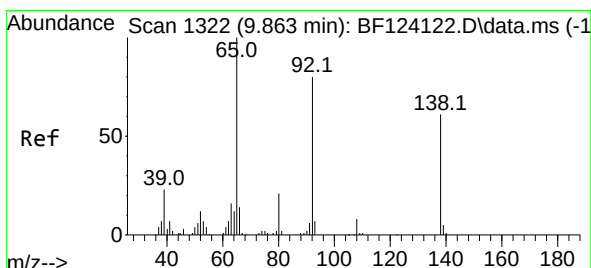
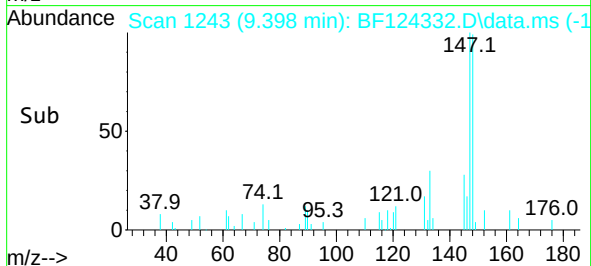
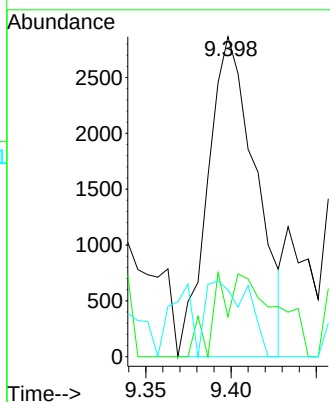
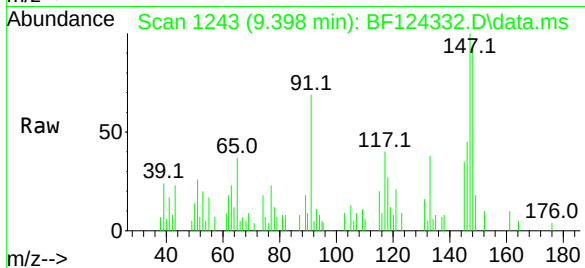
Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 65	Resp: 5619
Ion Ratio	Lower Upper
65	100
92	12.5 47.1 70.7#
138	20.9 70.2 105.2#



#53

3-Nitroaniline

Concen: 2.254 ng

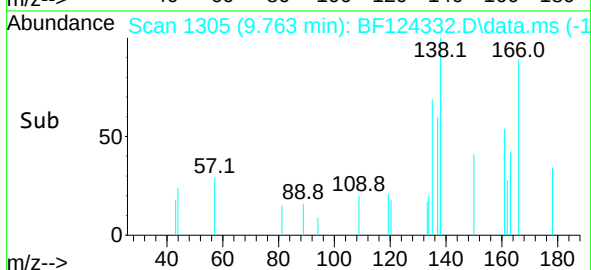
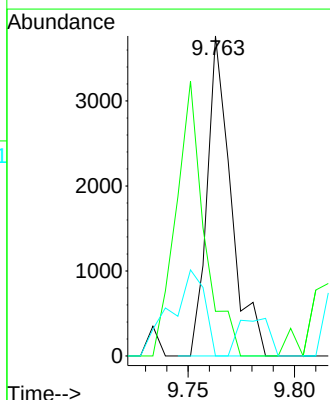
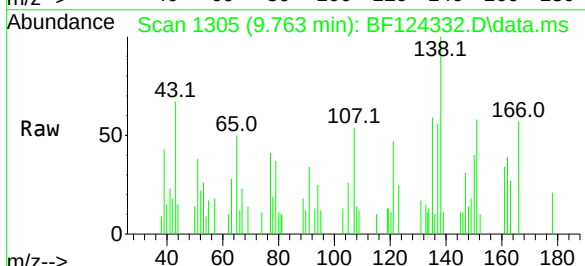
RT: 9.763 min Scan# 1305

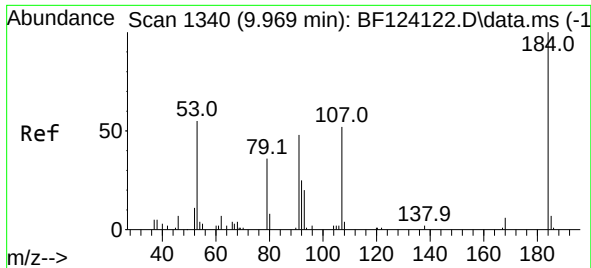
Delta R.T. -0.035 min

Lab File: BF124332.D

Acq: 15 Jun 2021 20:19

Tgt Ion: 138	Resp: 2926
Ion Ratio	Lower Upper
138	100
108	13.9 10.2 15.4
92	0.0 103.3 154.9#

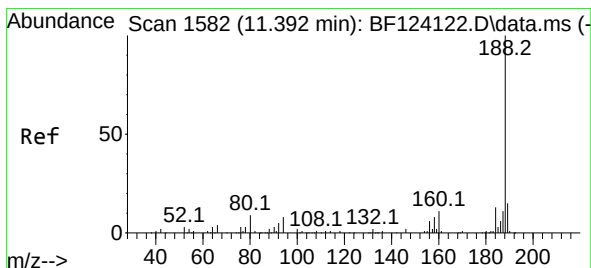
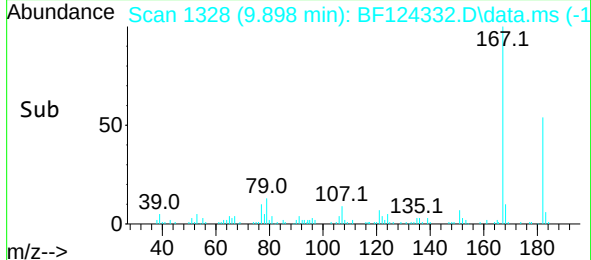
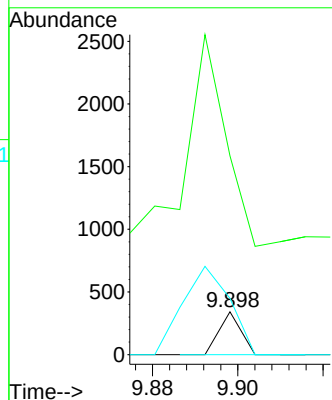
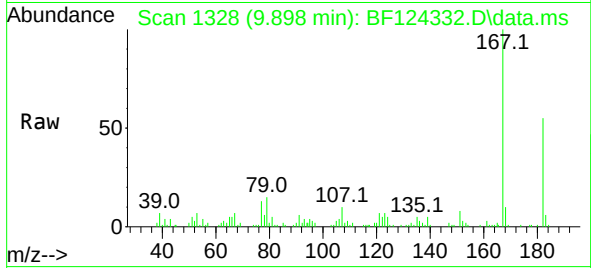




#54
2,4-Dinitrophenol
Concen: 3.674 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF124332.D
Acq: 15 Jun 2021 20:19

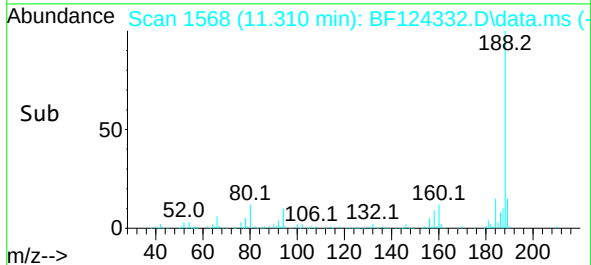
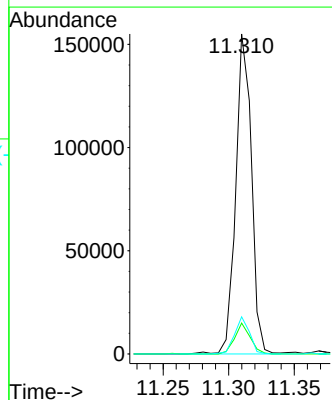
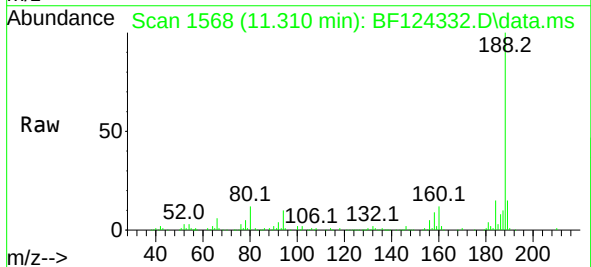
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921

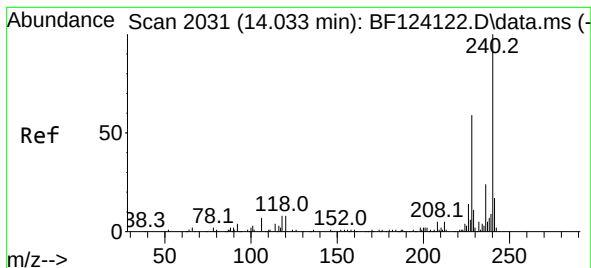
Tgt Ion:184 Resp: 121
Ion Ratio Lower Upper
184 100
63 464.0 73.5 110.3#
154 131.3 52.5 78.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124332.D
Acq: 15 Jun 2021 20:19

Tgt Ion:188 Resp: 129467
Ion Ratio Lower Upper
188 100
94 9.7 6.9 10.3
80 11.6 8.2 12.2

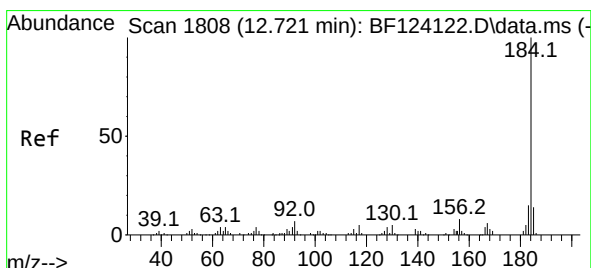
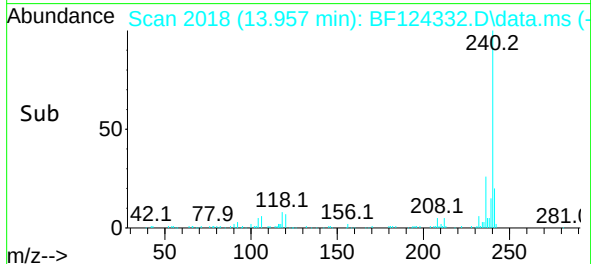
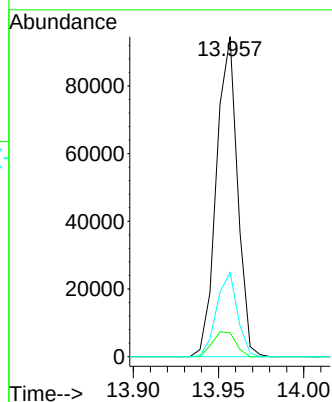
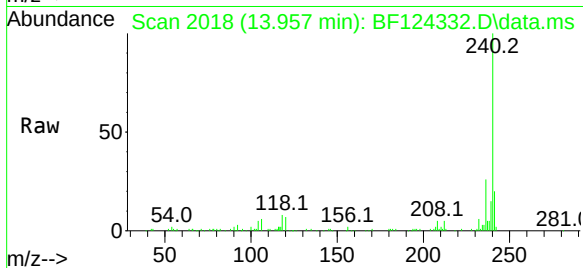




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124332.D
Acq: 15 Jun 2021 20:19

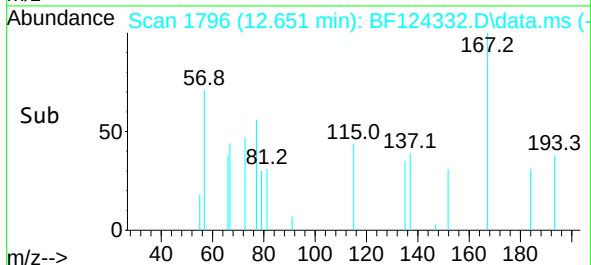
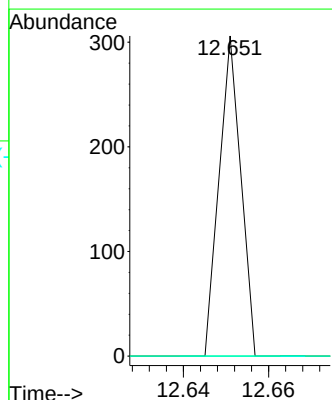
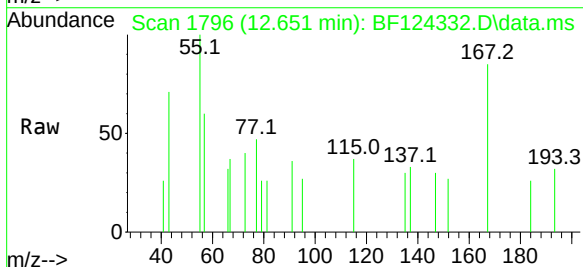
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921

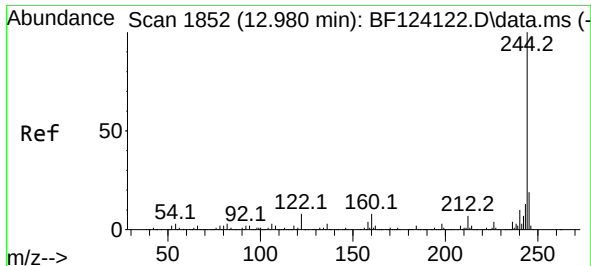
Tgt Ion:240 Resp: 81385
Ion Ratio Lower Upper
240 100
120 7.4 7.2 10.8
236 26.3 19.0 28.4



#77
Benzidine
Concen: 4.113 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.047 min
Lab File: BF124332.D
Acq: 15 Jun 2021 20:19

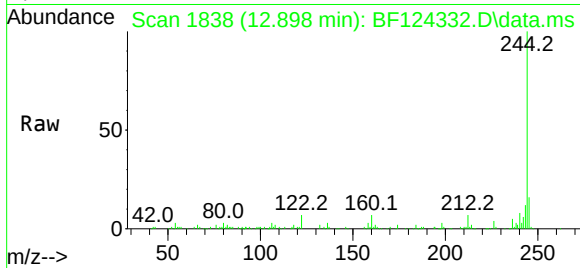
Tgt Ion:184 Resp: 108
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#



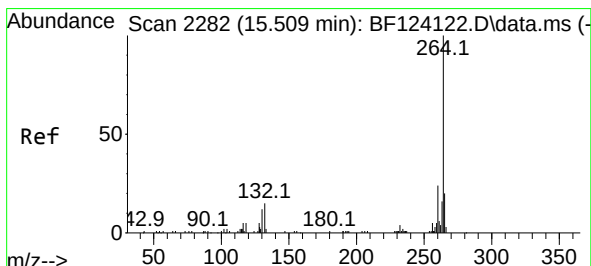
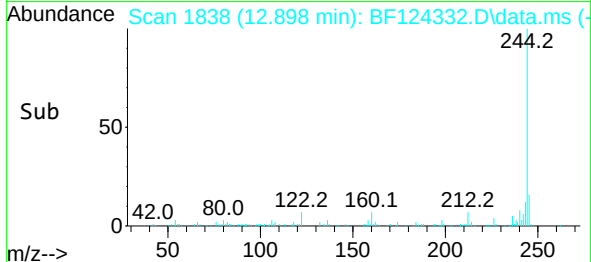
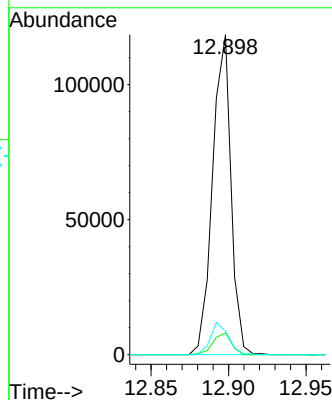


#79
 Terphenyl-d14
 Concen: 16.501 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF124332.D
 Acq: 15 Jun 2021 20:19

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-03-060921



Tgt Ion:244 Resp: 97813
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 7.3 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: BF124332.D
 Acq: 15 Jun 2021 20:19

Tgt Ion:264 Resp: 72794
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 23.4 17.8 26.8

