

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061621\
 Data File : BF124351.D
 Acq On : 16 Jun 2021 20:15
 Operator : JU/CG
 Sample : M2672-35
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(64-68)

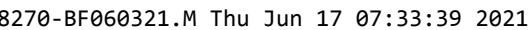
Quant Time: Jun 17 07:33:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

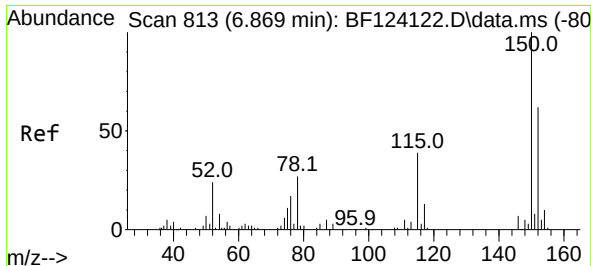
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	32877	20.00	ng	0.00
21) Naphthalene-d8	8.063	136	128165	20.00	ng	-0.01
39) Acenaphthene-d10	9.822	164	78470	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	140039	20.00	ng	0.00
76) Chrysene-d12	13.951	240	88740	20.00	ng	-0.01
86) Perylene-d12	15.409	264	84735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	273339	125.15	ng	0.00
7) Phenol-d6	6.434	99	311391	106.07	ng	-0.01
23) Nitrobenzene-d5	7.351	82	276129	85.45	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	139108	125.13	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	510576	81.88	ng	0.00
79) Terphenyl-d14	12.898	244	585234	90.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	38970	18.80	ng	Qvalue # 63
25) Isophorone	7.351	82	276129	47.42	ng	# 69
50) Dimethylphthalate	9.822	163	14530	2.24	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	10007	6.72	ng	# 11
57) 2,4-Dinitrotoluene	9.822	165	10007	5.10	ng	# 17
67) 4-Bromophenyl-phenylether	10.616	248	9447	4.91	ng	# 1
77) Benzidine	12.898	184	9623	8.32	ng	# 89

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

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QLast Update : Tue Jun 15 20:09:26 2021
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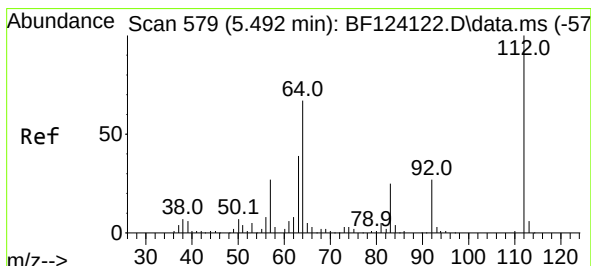
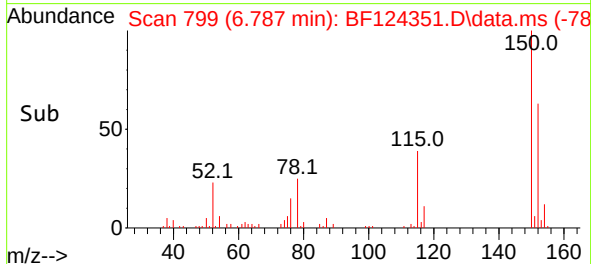
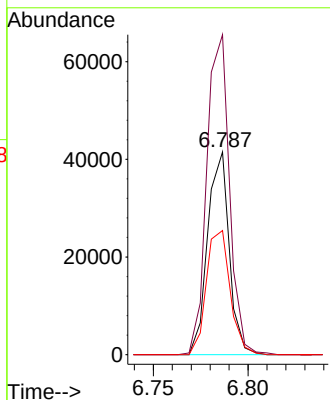
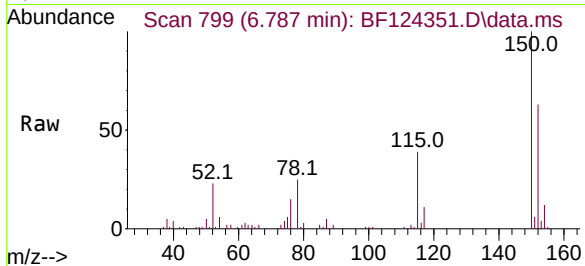




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.001 min
Lab File: BF124351.D
Acq: 16 Jun 2021 20:15

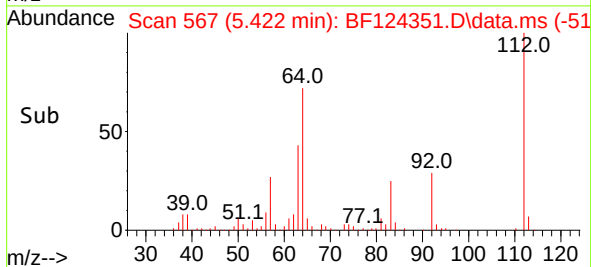
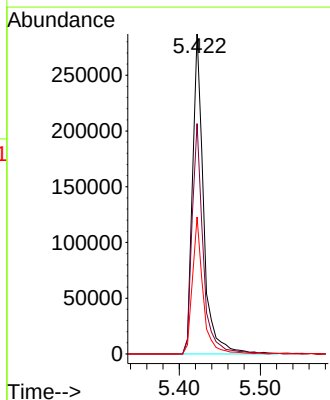
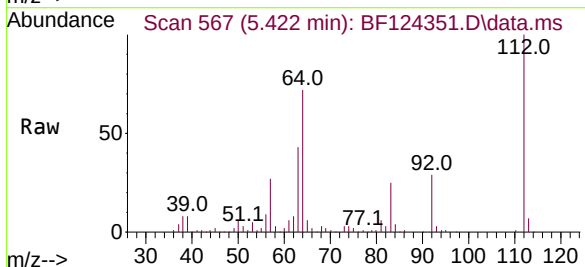
Instrument :
BNA_F
ClientSampleId :
17-B6(64-68)

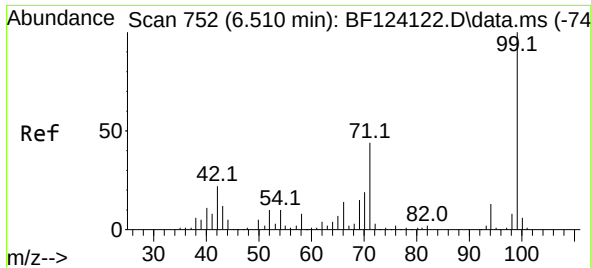
Tgt Ion:152 Resp: 32877
Ion Ratio Lower Upper
152 100
150 157.9 127.0 190.6
115 61.2 54.3 81.5



#5
2-Fluorophenol
Concen: 125.15 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124351.D
Acq: 16 Jun 2021 20:15

Tgt Ion:112 Resp: 273339
Ion Ratio Lower Upper
112 100
64 72.0 61.4 92.0
63 42.8 33.0 49.4

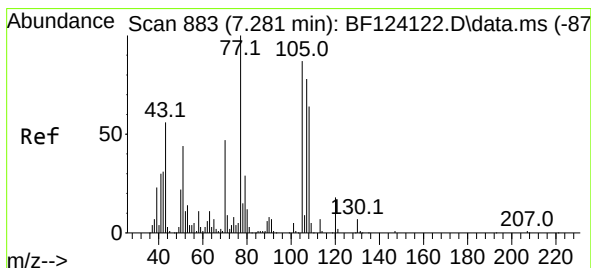
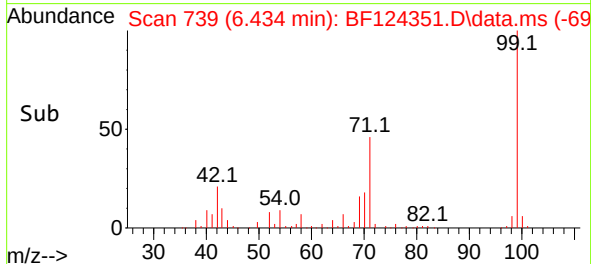
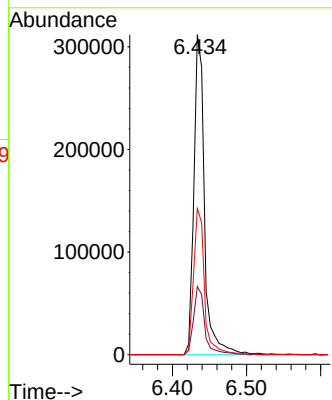
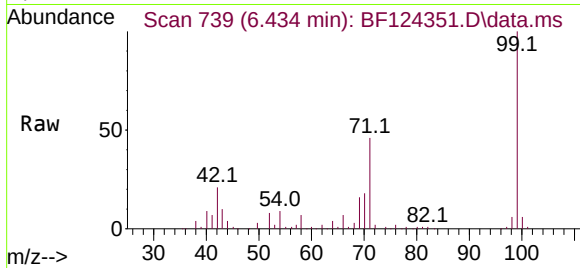




#7
Phenol-d6
Concen: 106.07 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124351.D
Acq: 16 Jun 2021 20:15

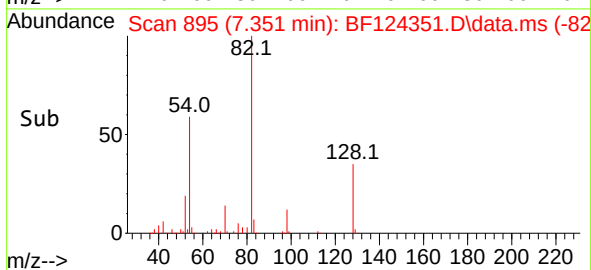
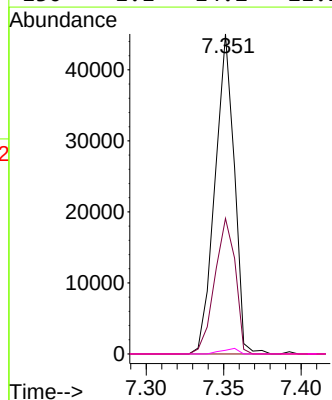
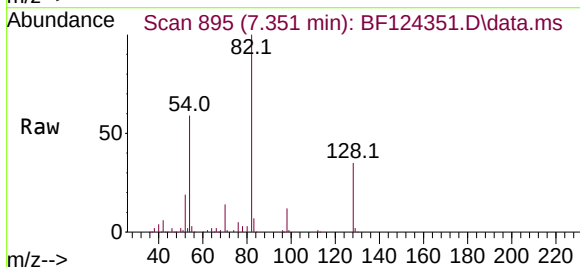
Instrument :
BNA_F
ClientSampleId :
17-B6(64-68)

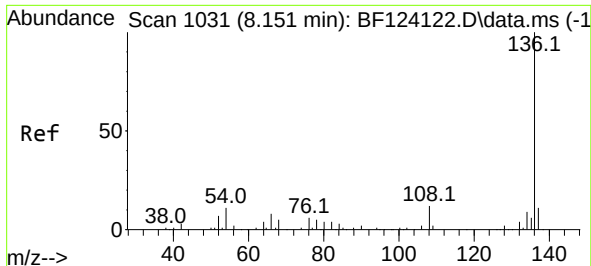
Tgt Ion:	99	Resp:	311391
Ion	Ratio	Lower	Upper
99	100		
42	21.3	19.8	29.8
71	45.7	31.1	46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.80 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124351.D
Acq: 16 Jun 2021 20:15

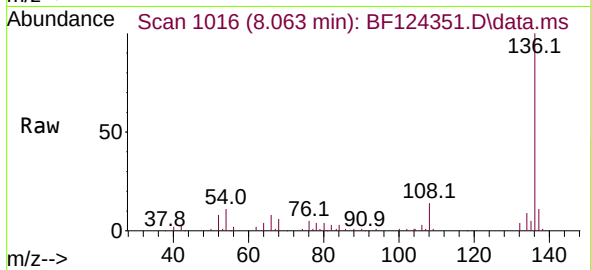
Tgt Ion:	70	Resp:	38970
Ion	Ratio	Lower	Upper
70	100		
42	42.3	60.1	90.1#
101	0.0	7.4	11.2#
130	1.1	14.2	21.2#



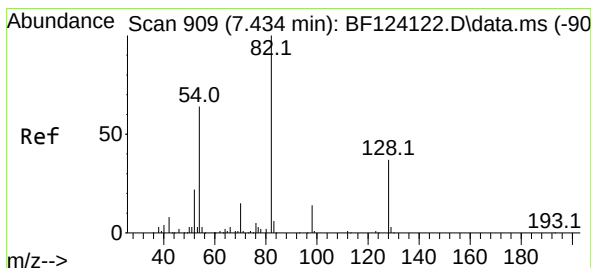
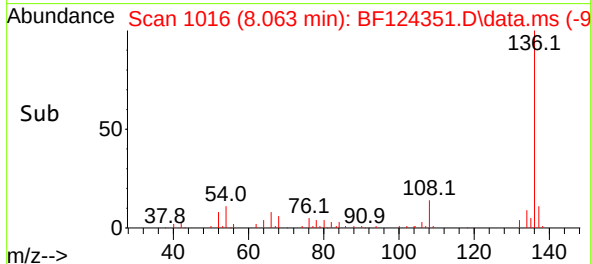
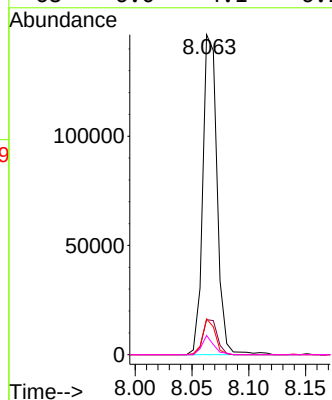


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124351.D
Acq: 16 Jun 2021 20:15

Instrument :
BNA_F
ClientSampleId :
17-B6(64-68)

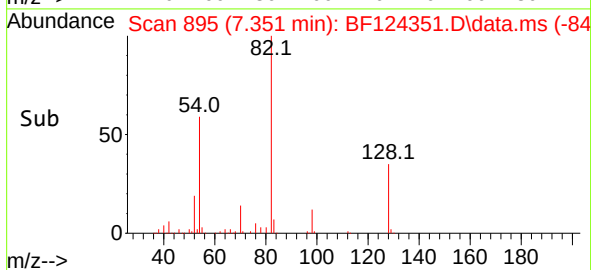
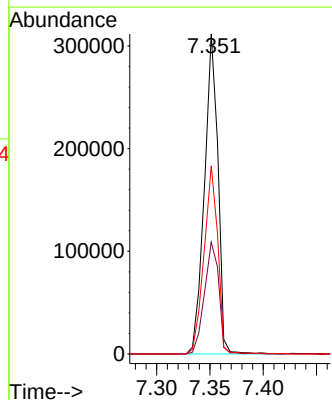
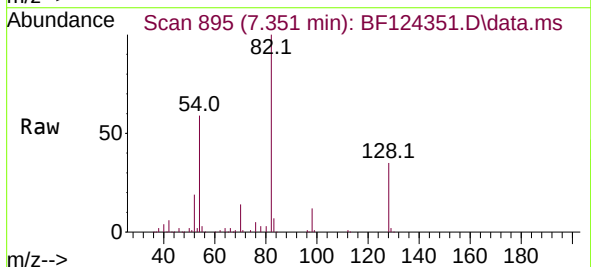


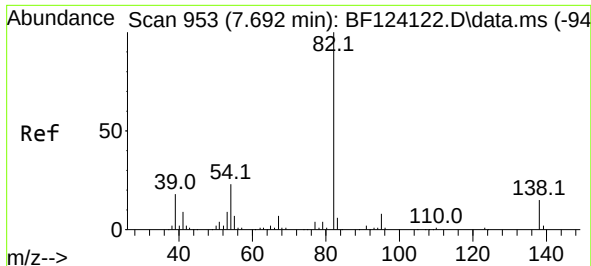
Tgt Ion:	136	Resp:	128165
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.7	13.1
54	11.2	9.8	14.6
68	6.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 85.45 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124351.D
Acq: 16 Jun 2021 20:15

Tgt Ion:	82	Resp:	276129
Ion Ratio	Lower	Upper	
82	100		
128	34.9	29.4	44.2
54	58.8	54.1	81.1

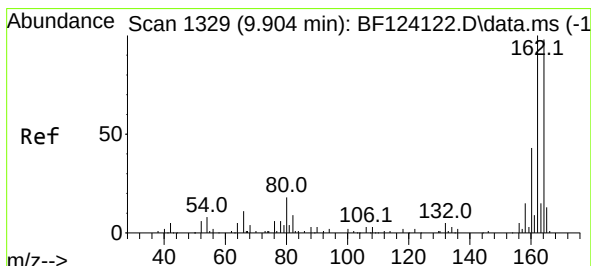
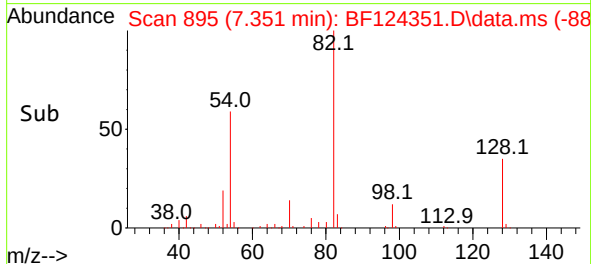
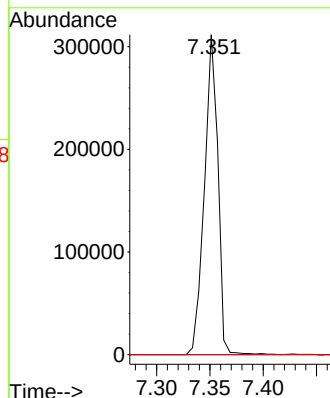
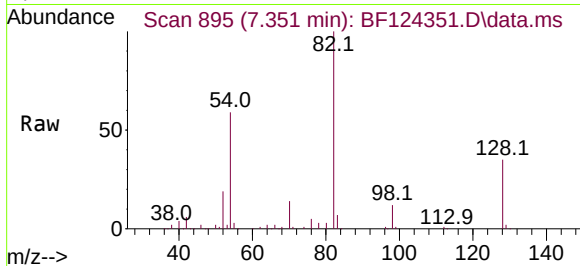




#25
Isophorone
Concen: 47.42 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124351.D
Acq: 16 Jun 2021 20:15

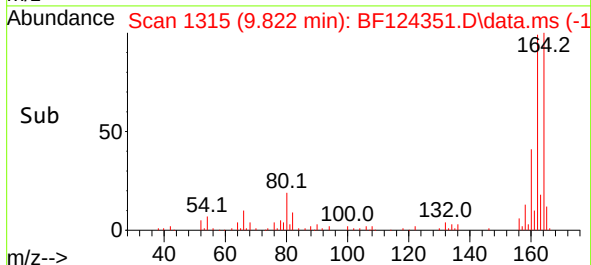
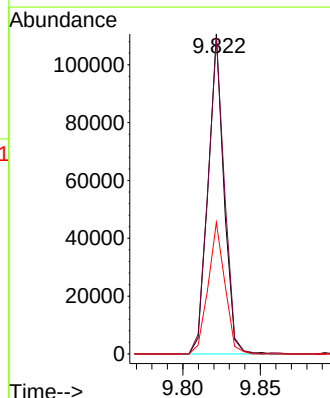
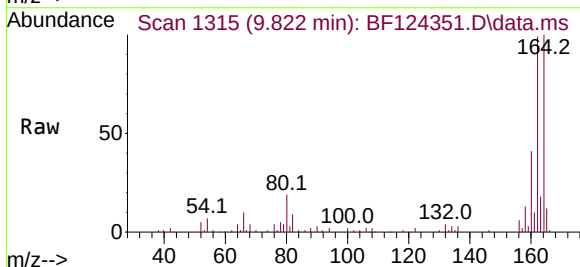
Instrument :
BNA_F
ClientSampleId :
17-B6(64-68)

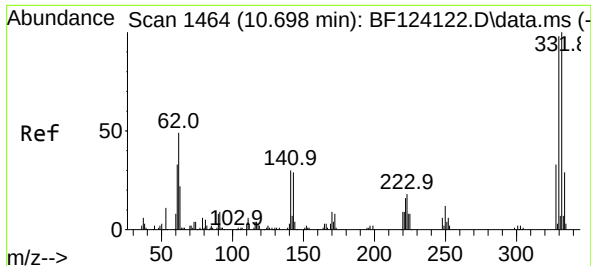
Tgt Ion: 82 Resp: 276129
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124351.D
Acq: 16 Jun 2021 20:15

Tgt Ion: 164 Resp: 78470
Ion Ratio Lower Upper
164 100
162 98.8 80.7 121.1
160 41.1 37.3 55.9

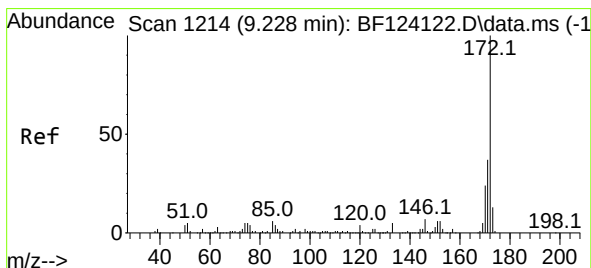
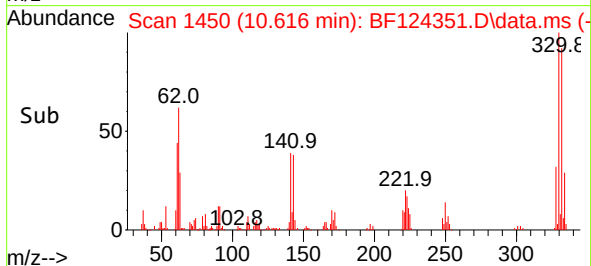
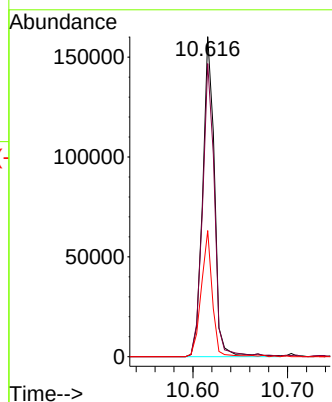
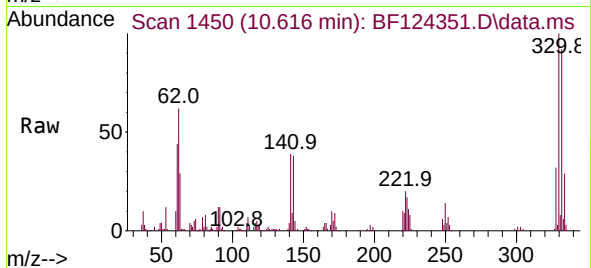




#42
2,4,6-Tribromophenol
Concen: 125.13 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124351.D
Acq: 16 Jun 2021 20:15

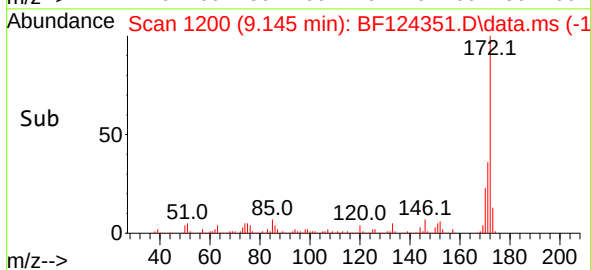
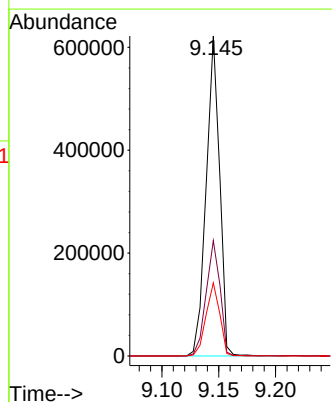
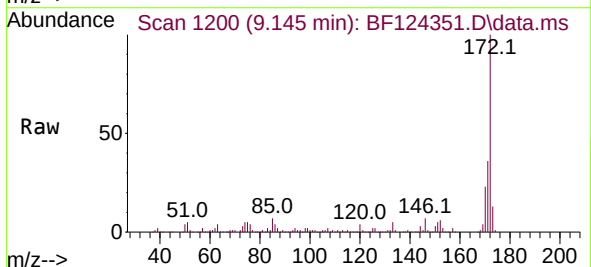
Instrument :
BNA_F
ClientSampleId :
17-B6(64-68)

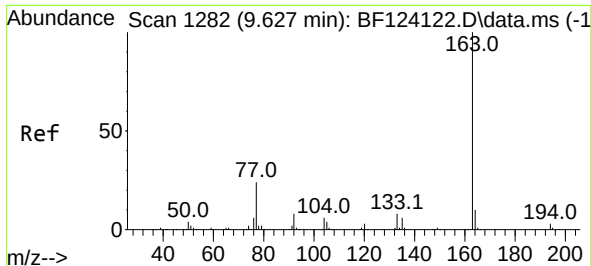
Tgt Ion: 330 Resp: 139108
Ion Ratio Lower Upper
330 100
332 92.1 77.1 115.7
141 36.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 81.88 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124351.D
Acq: 16 Jun 2021 20:15

Tgt Ion: 172 Resp: 510576
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 22.8 19.2 28.8

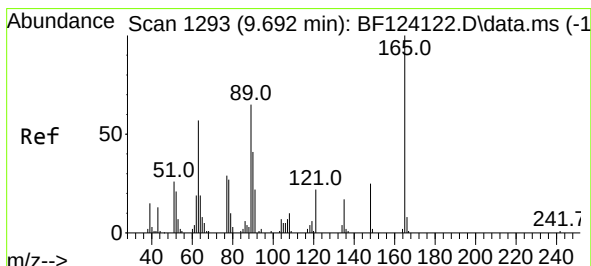
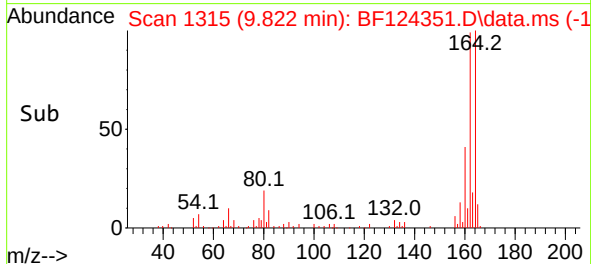
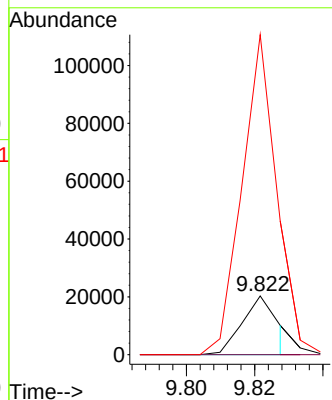
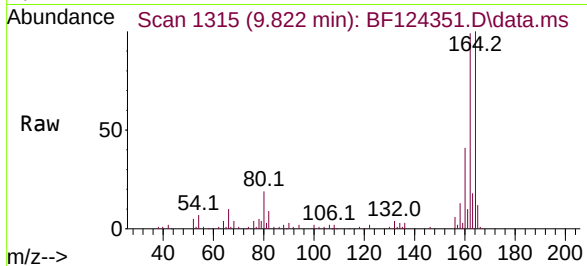




#50
Dimethylphthalate
Concen: 2.24 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124351.D
Acq: 16 Jun 2021 20:15

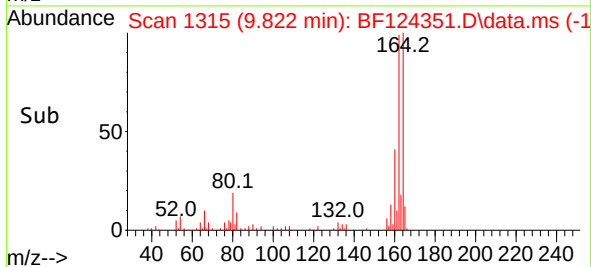
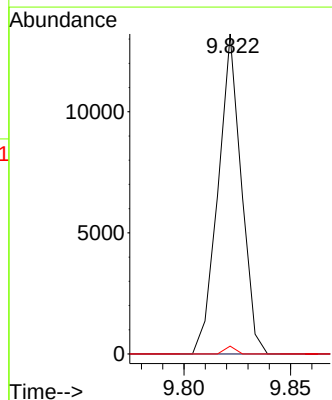
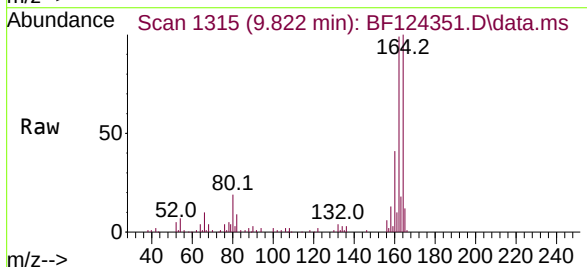
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17-B6(64-68)

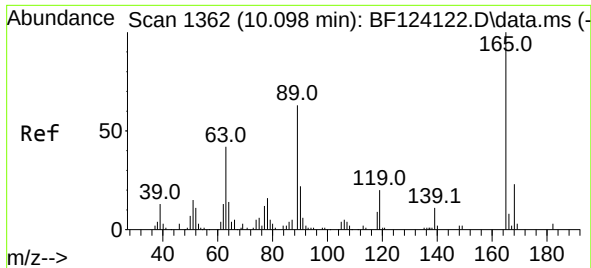
Tgt Ion:163 Resp: 14530
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 544.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.72 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124351.D
Acq: 16 Jun 2021 20:15

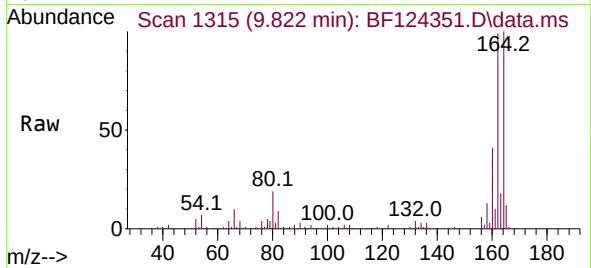
Tgt Ion:165 Resp: 10007
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 2.4 58.8 88.2#



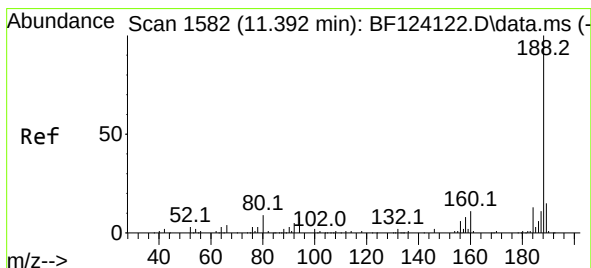
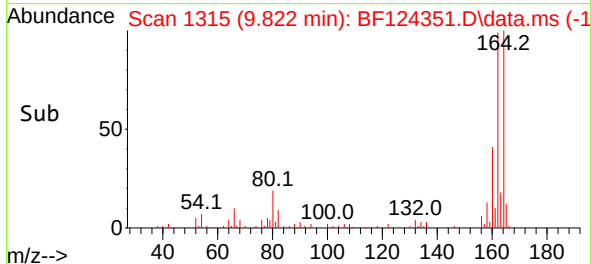
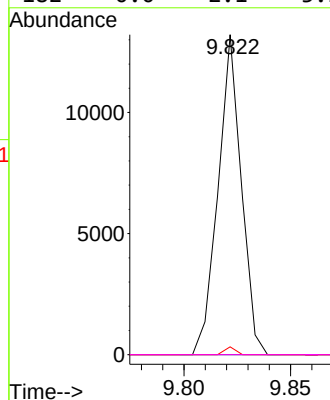


#57
2,4-Dinitrotoluene
Concen: 5.10 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124351.D
Acq: 16 Jun 2021 20:15

Instrument :
BNA_F
ClientSampleId :
17-B6(64-68)

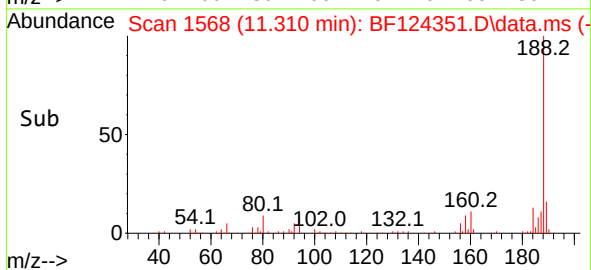
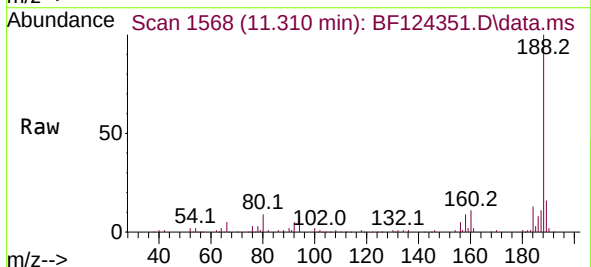
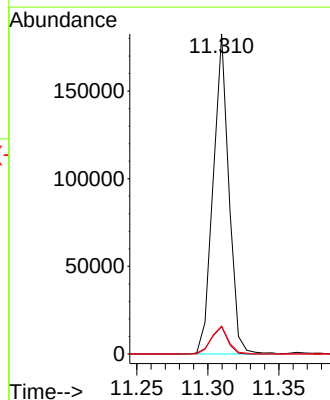


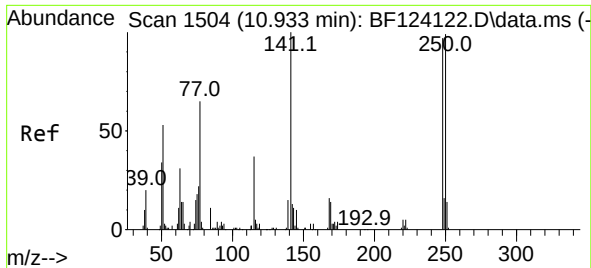
Tgt Ion:165 Resp: 10007
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 2.4 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124351.D
Acq: 16 Jun 2021 20:15

Tgt Ion:188 Resp: 140039
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 8.7 8.2 12.2

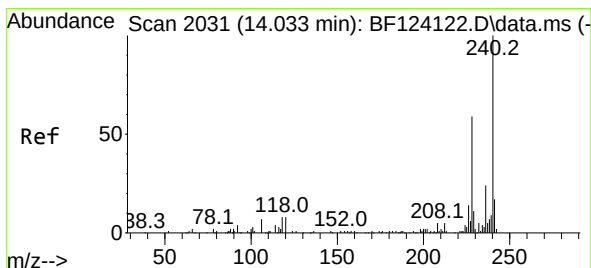
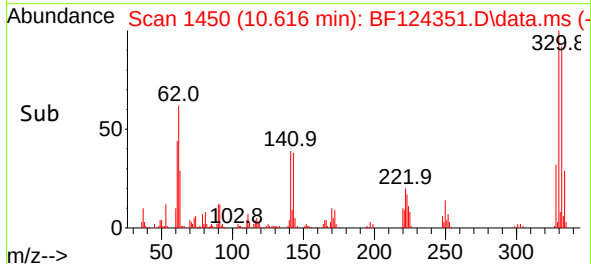
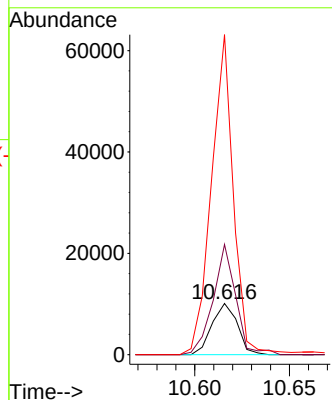
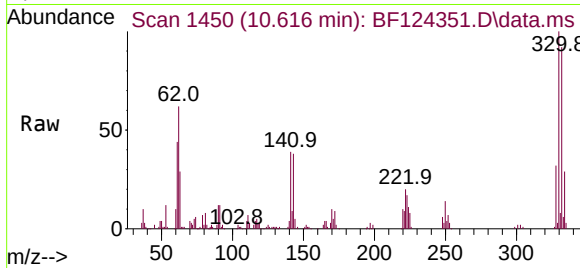




#67
4-Bromophenyl-phenylether
Concen: 4.91 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124351.D
Acq: 16 Jun 2021 20:15

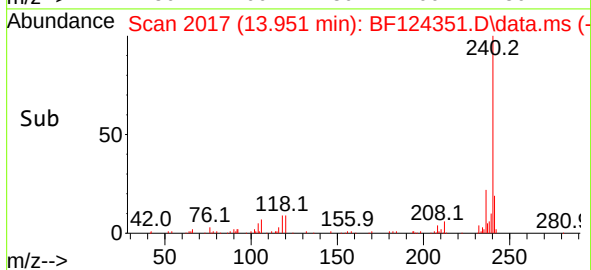
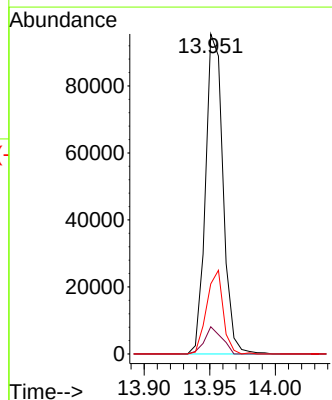
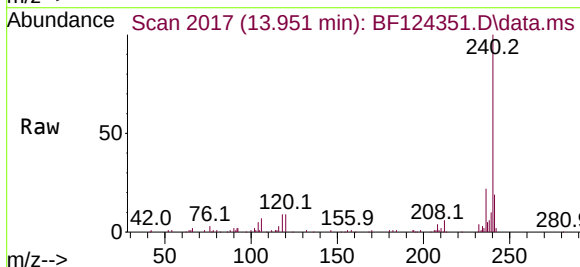
Instrument :
BNA_F
ClientSampled :
17-B6(64-68)

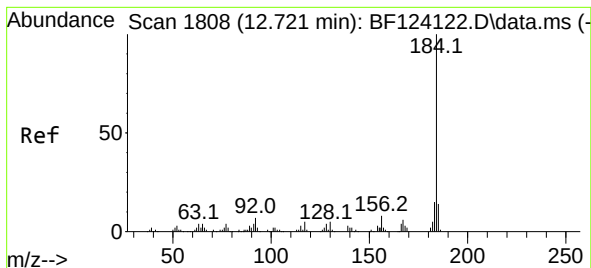
Tgt Ion:248 Resp: 9447
Ion Ratio Lower Upper
248 100
250 215.3 77.4 116.2#
141 625.3 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF124351.D
Acq: 16 Jun 2021 20:15

Tgt Ion:240 Resp: 88740
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 21.9 19.0 28.4





#77

Benzidine

Concen: 8.32 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.200 min

Lab File: BF124351.D

Acq: 16 Jun 2021 20:15

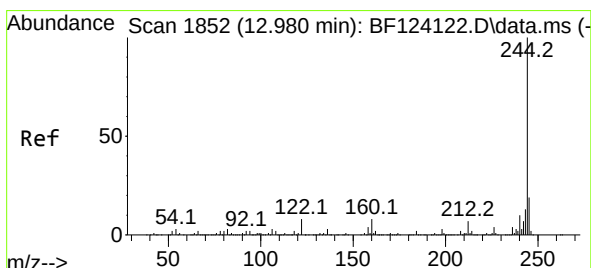
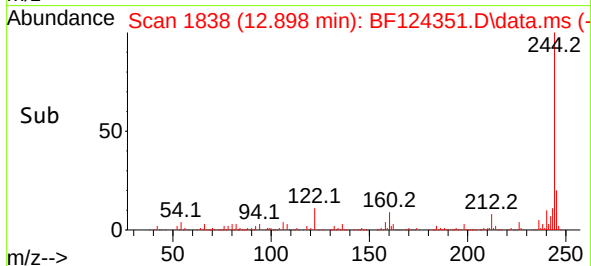
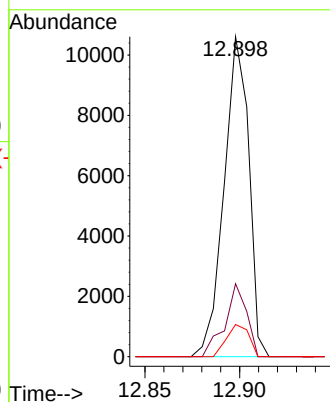
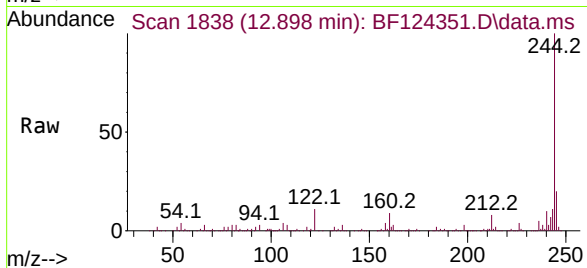
Tgt Ion:184	Resp:	9623
Ion Ratio	Lower	Upper
184	100	
185	22.8	12.1 18.1#
183	10.0	7.8 11.8

Instrument :

BNA_F

ClientSampleId :

17-B6(64-68)



#79

Terphenyl-d14

Concen: 90.55 ng

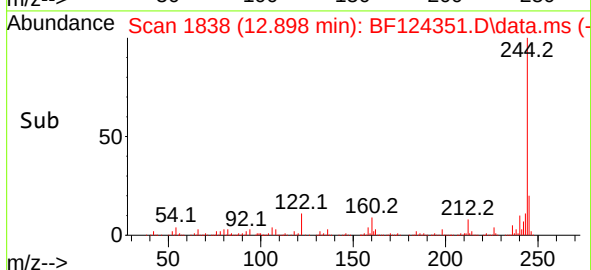
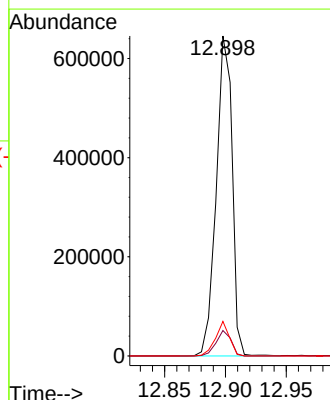
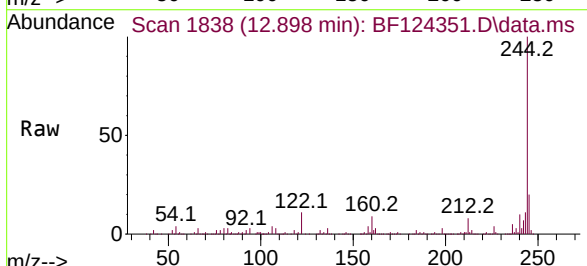
RT: 12.898 min Scan# 1838

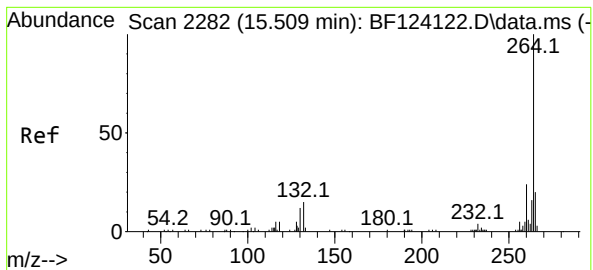
Delta R.T. -0.006 min

Lab File: BF124351.D

Acq: 16 Jun 2021 20:15

Tgt Ion:244	Resp:	585234
Ion Ratio	Lower	Upper
244	100	
212	8.0	5.7 8.5
122	10.8	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: BF124351.D
 Acq: 16 Jun 2021 20:15

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(64-68)

Tgt Ion:264	Resp:	84735
Ion Ratio	Lower	Upper
264	100	
260	22.1	18.7 28.1
265	21.2	17.8 26.8

