

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124389.D
 Acq On : 21 Jun 2021 12:41
 Operator : JU/CG
 Sample : M2773-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8

Quant Time: Jun 21 13:38:52 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

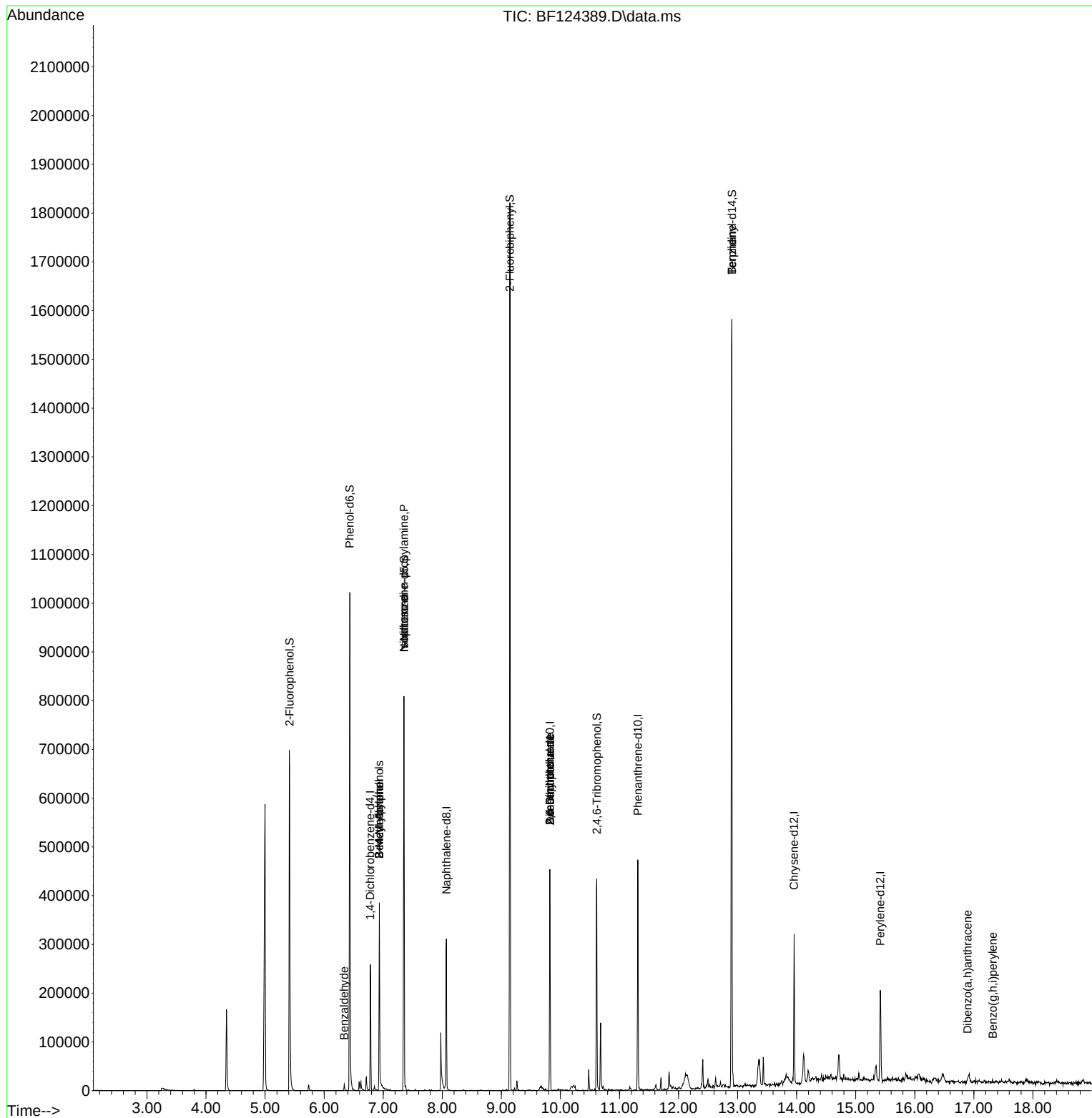
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	34384	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	129033	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	74953	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	146011	20.000	ng	0.00
76) Chrysene-d12	13.957	240	90063	20.000	ng	0.00
86) Perylene-d12	15.415	264	74919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	170985	74.858	ng	0.00
7) Phenol-d6	6.434	99	272864	88.874	ng	-0.01
23) Nitrobenzene-d5	7.351	82	238020	73.161	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	47686	44.906	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	452332	75.941	ng	0.00
79) Terphenyl-d14	12.904	244	516175	78.688	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.340	77	2764	2.025	ng	# 76
15) Benzyl Alcohol	6.934	79	71665	25.893	ng	93
17) 2-Methylphenol	6.934	107	32440	15.701	ng	# 16
19) n-Nitroso-di-n-propyla...	7.351	70	33699	15.549	ng	# 63
20) 3+4-Methylphenols	6.934	107	28286	10.332	ng	# 32
25) Isophorone	7.351	82	238017	40.599	ng	# 69
50) Dimethylphthalate	9.822	163	14883	2.400	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	11055	7.775	ng	# 11
57) 2,4-Dinitrotoluene	9.822	165	11055	5.895	ng	# 17
77) Benzidine	12.904	184	9865	8.363	ng	95
91) Dibenzo(a,h)anthracene	16.892	278	121	4.196	ng	# 57
92) Benzo(g,h,i)perylene	17.321	276	216	3.845	ng	# 35

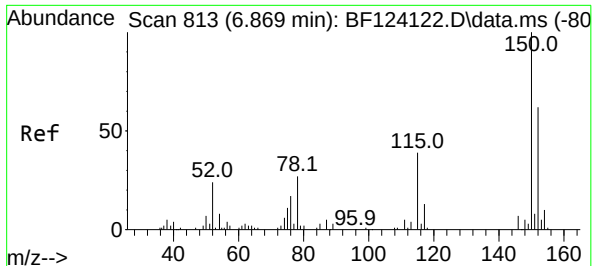
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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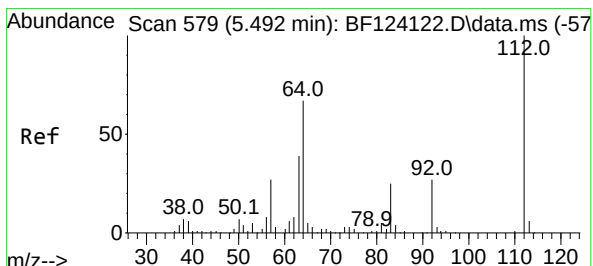
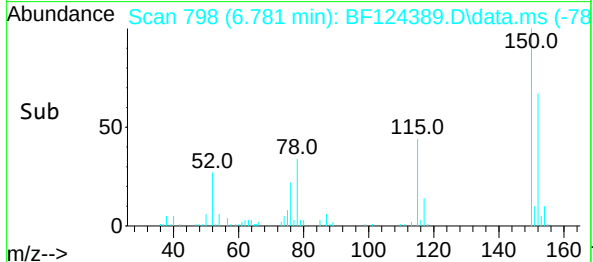
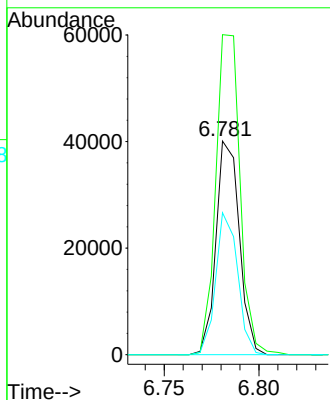
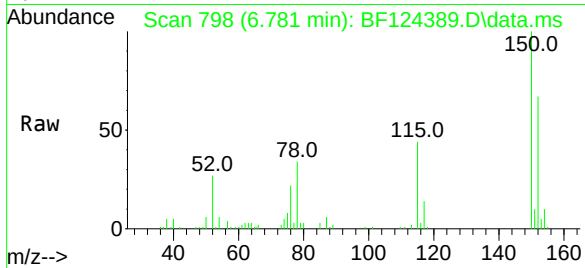




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

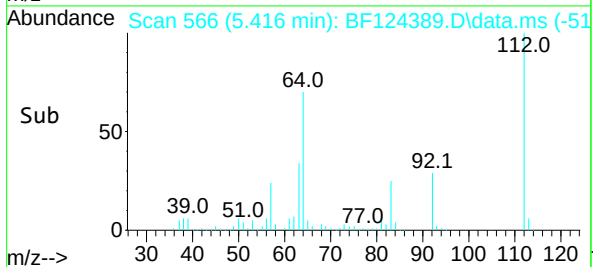
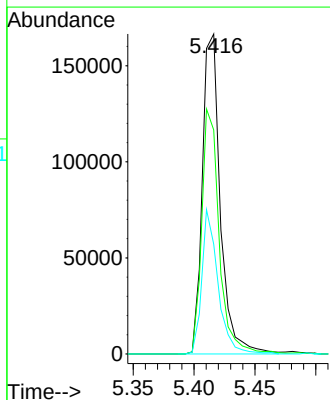
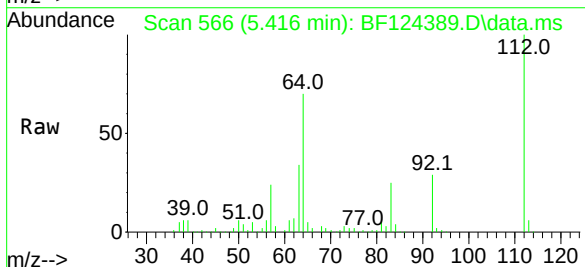
Instrument :
BNA_F
ClientSampled :
SB-8

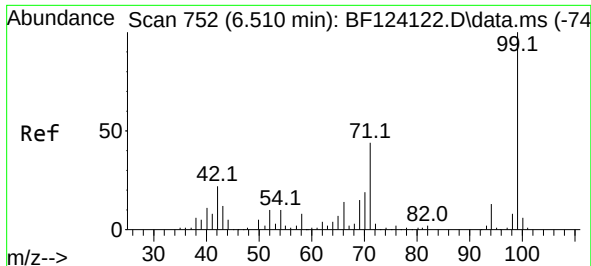
Tgt Ion:152 Resp: 34384
Ion Ratio Lower Upper
152 100
150 149.9 127.0 190.6
115 66.5 54.3 81.5



#5
2-Fluorophenol
Concen: 74.858 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

Tgt Ion:112 Resp: 170985
Ion Ratio Lower Upper
112 100
64 70.0 61.4 92.0
63 34.3 33.0 49.4

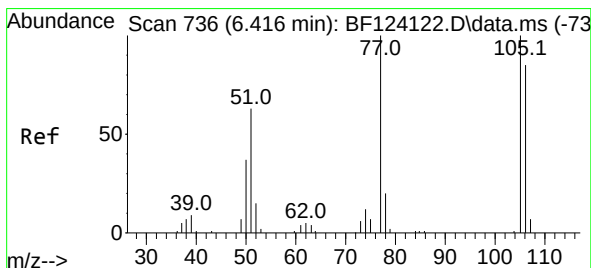
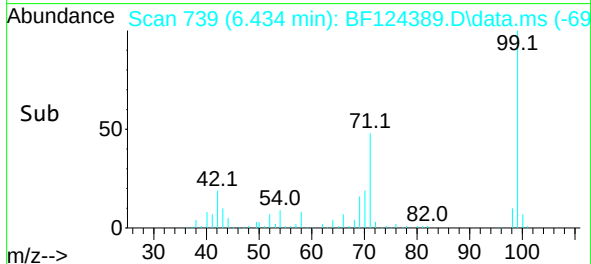
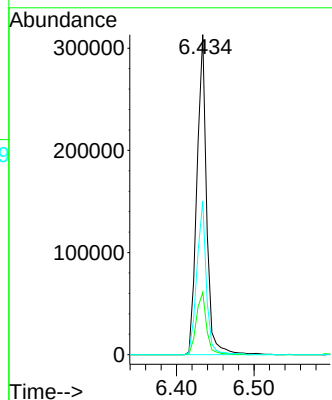
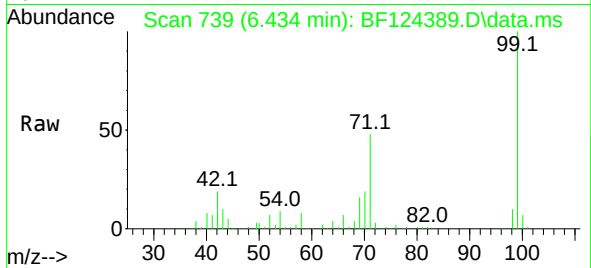




#7
Phenol-d6
Concen: 88.874 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

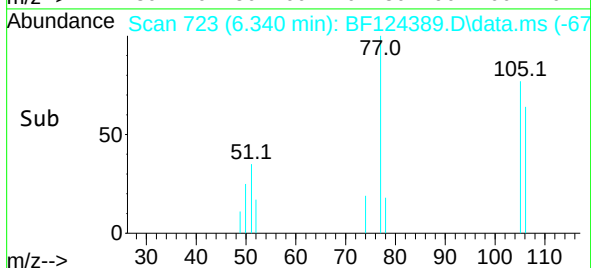
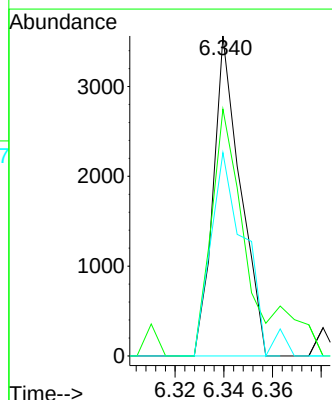
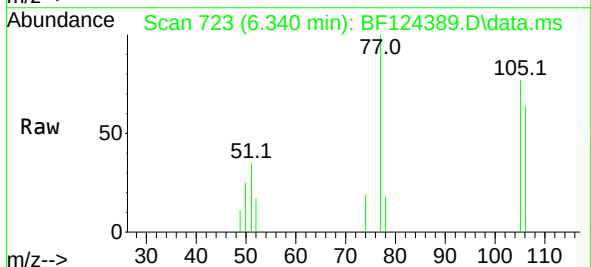
Instrument :
BNA_F
ClientSampleId :
SB-8

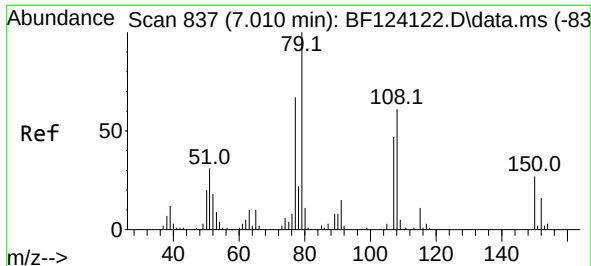
Tgt Ion: 99 Resp: 272864
Ion Ratio Lower Upper
99 100
42 19.5 19.8 29.8#
71 48.1 31.1 46.7#



#9
Benzaldehyde
Concen: 2.025 ng
RT: 6.340 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

Tgt Ion: 77 Resp: 2764
Ion Ratio Lower Upper
77 100
105 77.2 75.2 115.2
106 63.6 71.6 111.6#

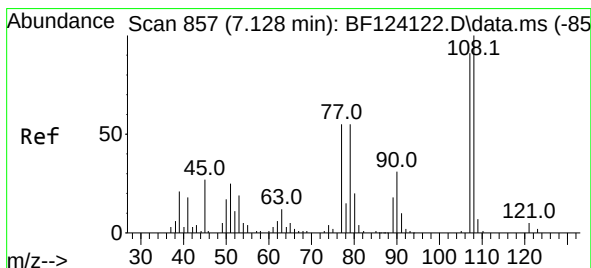
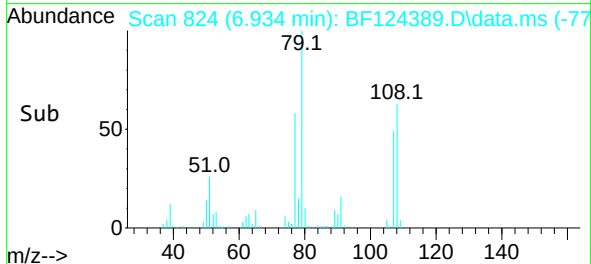
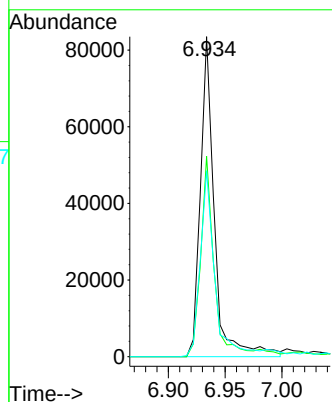
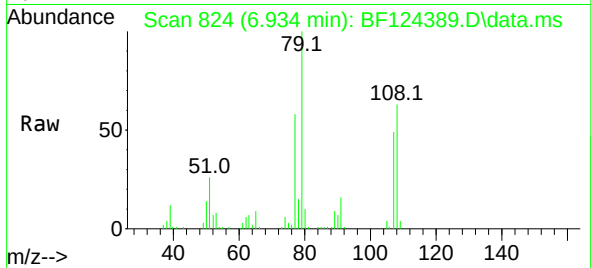




#15
Benzyl Alcohol
Concen: 25.893 ng
RT: 6.934 min Scan# 824
Delta R.T. -0.006 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

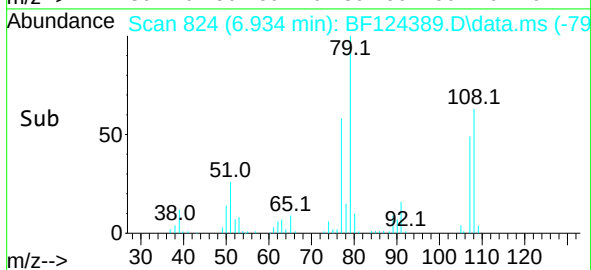
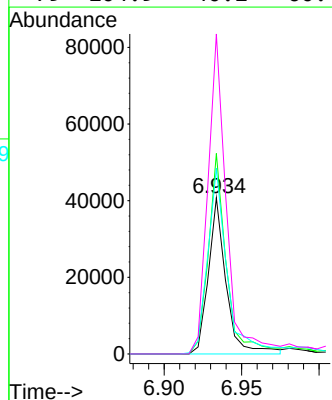
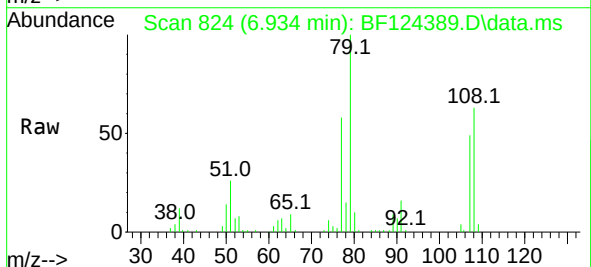
Instrument :
BNA_F
ClientSampleId :
SB-8

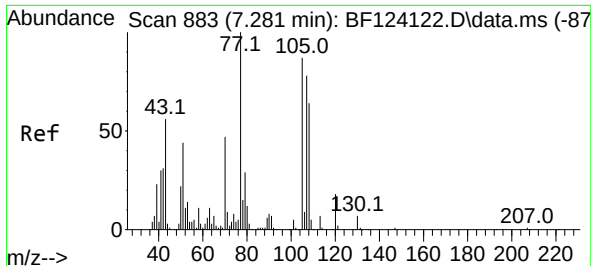
Tgt Ion: 79 Resp: 71665
Ion Ratio Lower Upper
79 100
108 62.6 55.8 83.8
77 58.1 49.9 74.9



#17
2-Methylphenol
Concen: 15.701 ng
RT: 6.934 min Scan# 824
Delta R.T. -0.129 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

Tgt Ion: 107 Resp: 32440
Ion Ratio Lower Upper
107 100
108 128.4 89.8 134.8
77 119.0 40.9 61.3#
79 204.9 40.2 60.4#



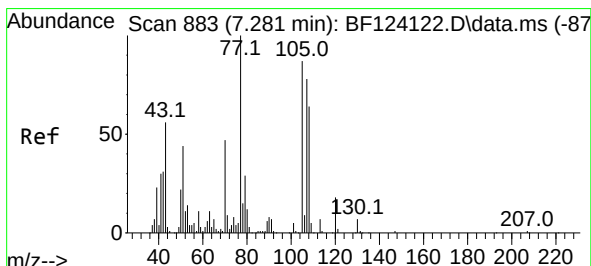
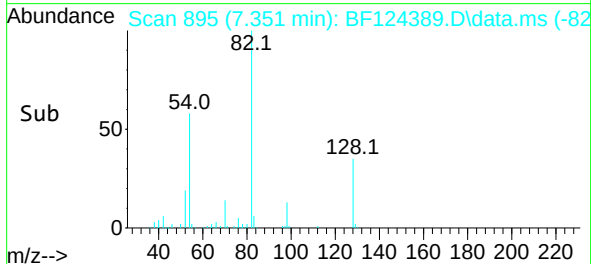
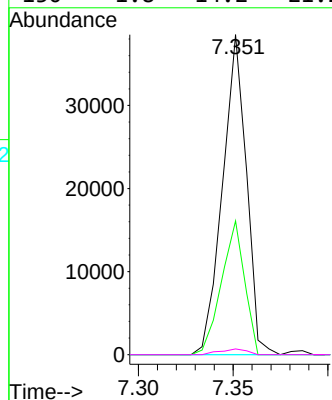
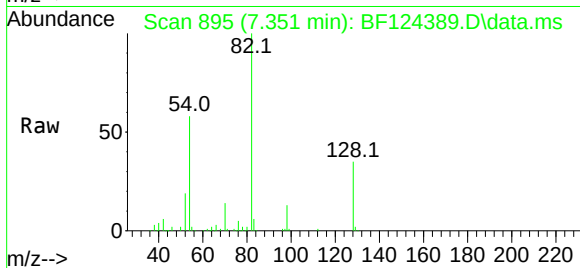


#19

n-Nitroso-di-n-propylamine
Concen: 15.549 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

Instrument :
BNA_F
ClientSampled :
SB-8

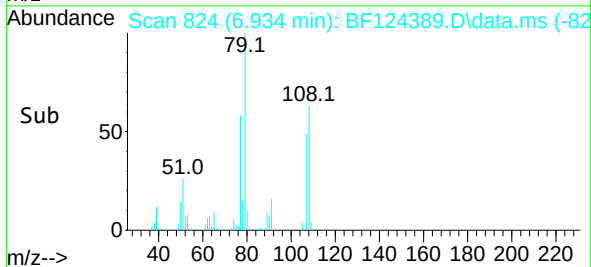
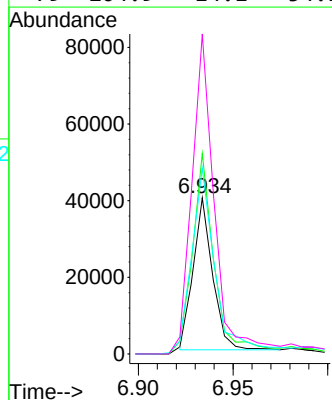
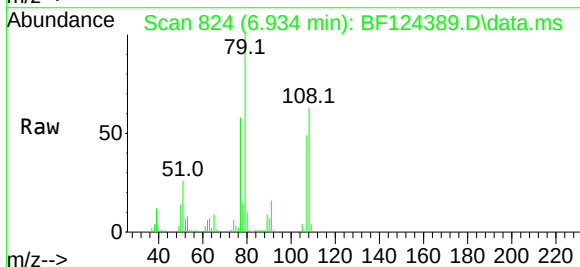
Tgt Ion: 70 Resp: 33699
Ion Ratio Lower Upper
70 100
42 41.8 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#

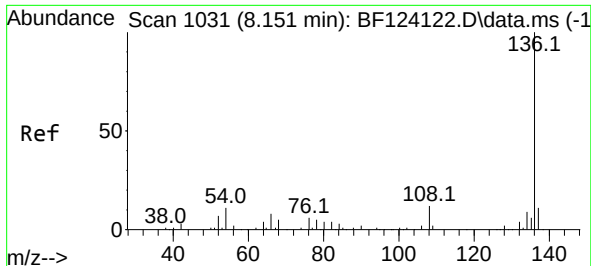


#20

3+4-Methylphenols
Concen: 10.332 ng
RT: 6.934 min Scan# 824
Delta R.T. -0.282 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

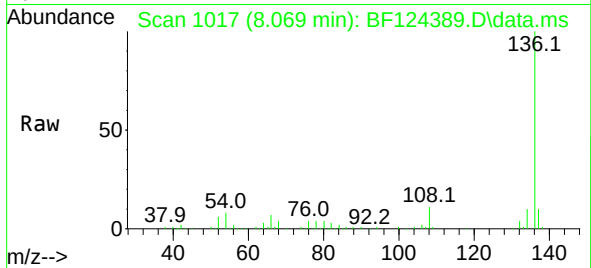
Tgt Ion: 107 Resp: 28286
Ion Ratio Lower Upper
107 100
108 128.4 71.5 111.5#
77 119.0 82.0 122.0
79 204.9 14.1 54.1#



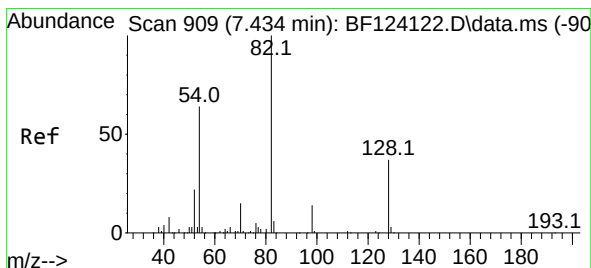
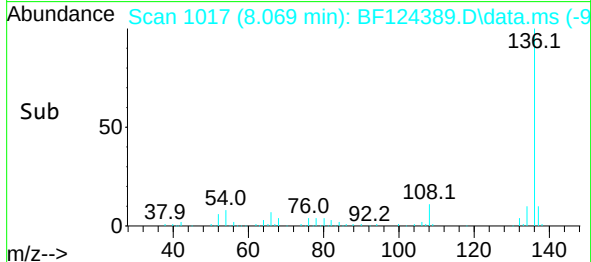
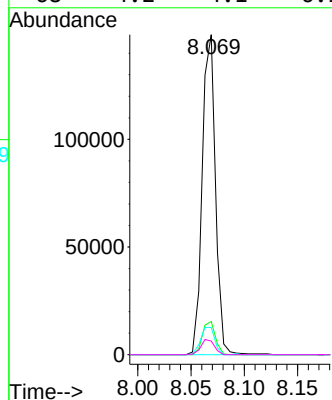


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

Instrument :
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ClientSampled :
SB-8

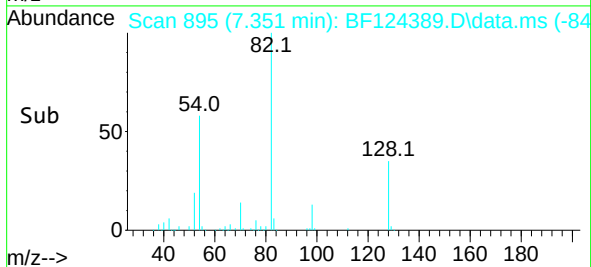
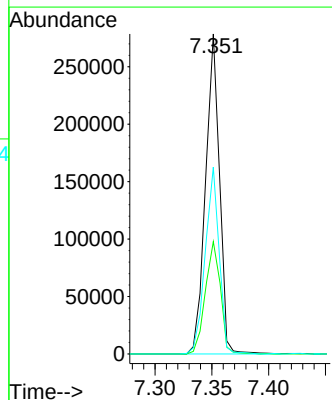
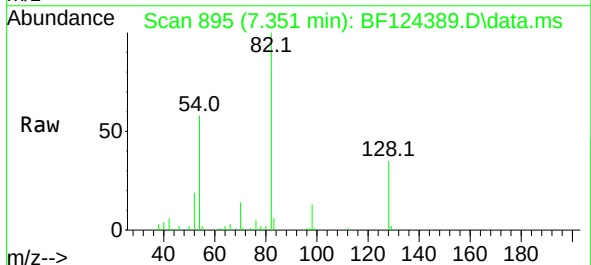


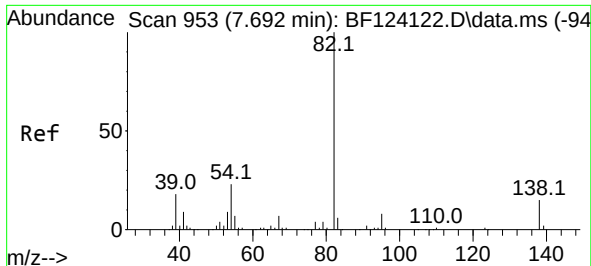
Tgt Ion:	136	Resp:	129033
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.7	13.1
54	8.5	9.8	14.6#
68	4.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 73.161 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

Tgt Ion:	82	Resp:	238020
Ion Ratio	Lower	Upper	
82	100		
128	35.1	29.4	44.2
54	58.4	54.1	81.1

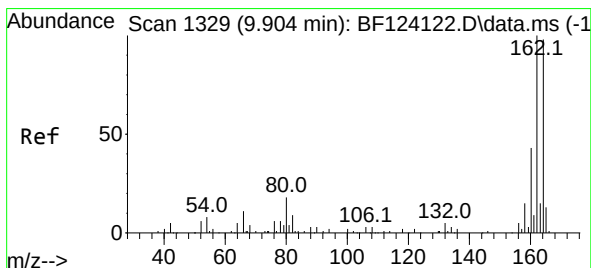
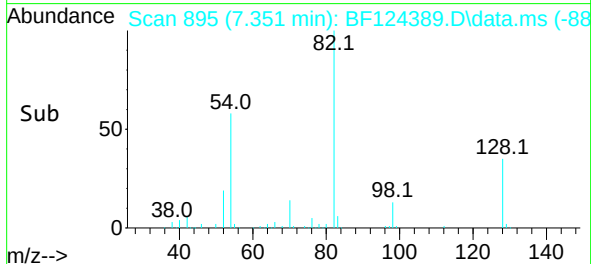
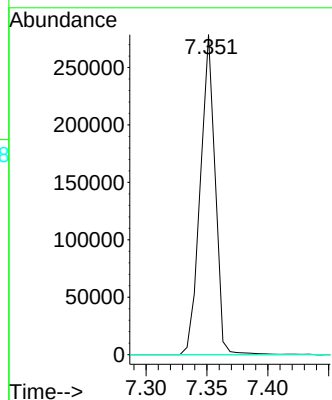
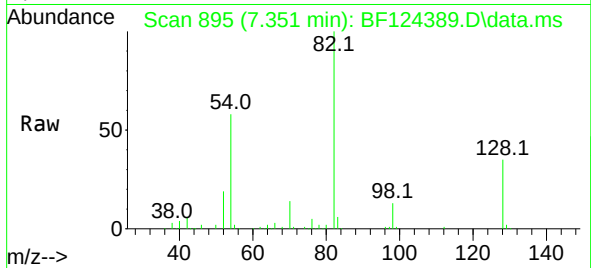




#25
Isophorone
Concen: 40.599 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.264 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

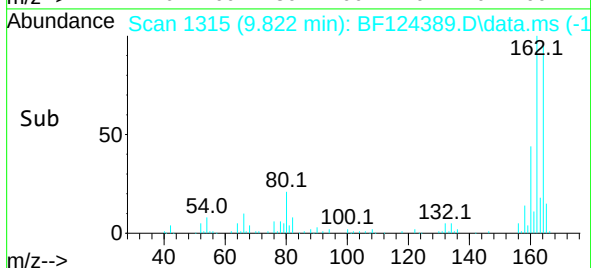
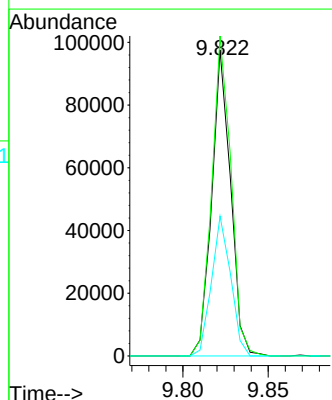
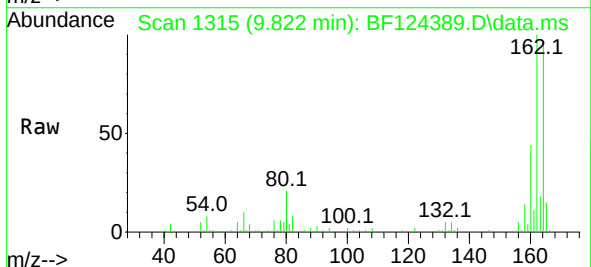
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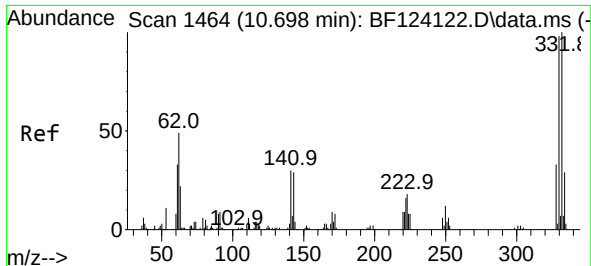
Tgt Ion: 82 Resp: 238017
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

Tgt Ion:164 Resp: 74953
Ion Ratio Lower Upper
164 100
162 104.5 80.7 121.1
160 45.7 37.3 55.9

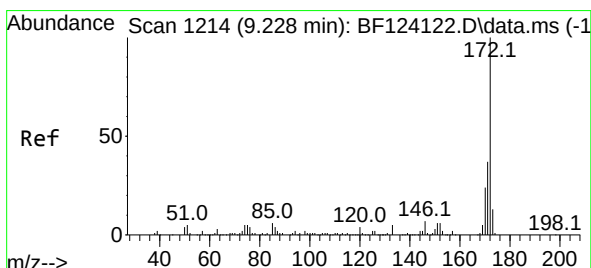
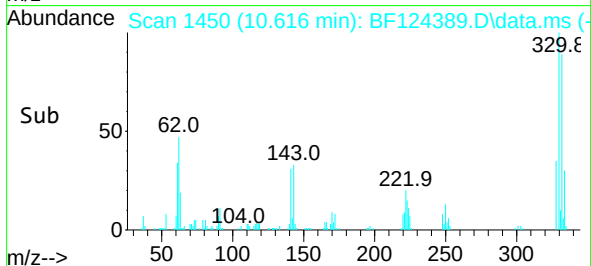
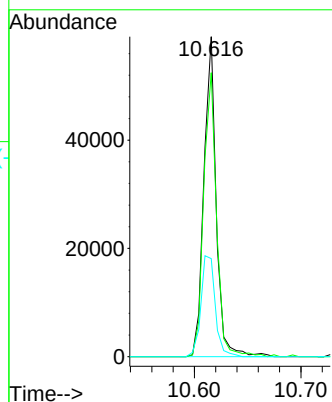
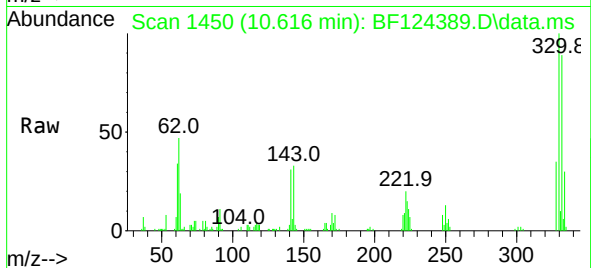




#42
2,4,6-Tribromophenol
Concen: 44.906 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

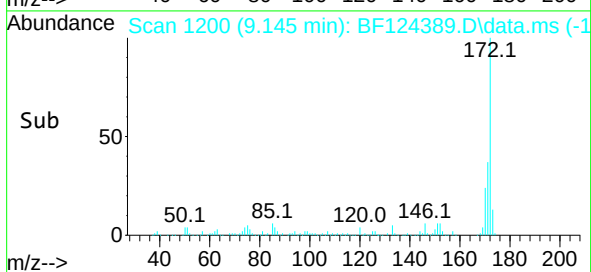
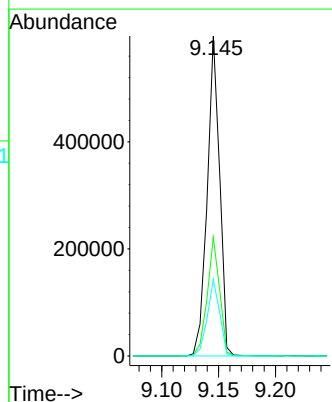
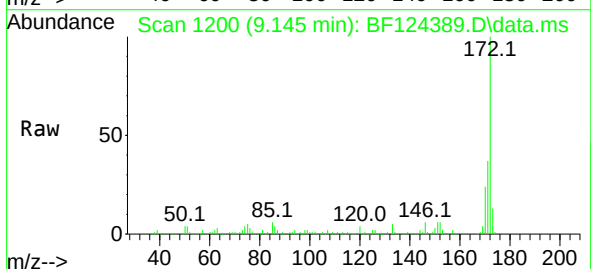
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ClientSampled :
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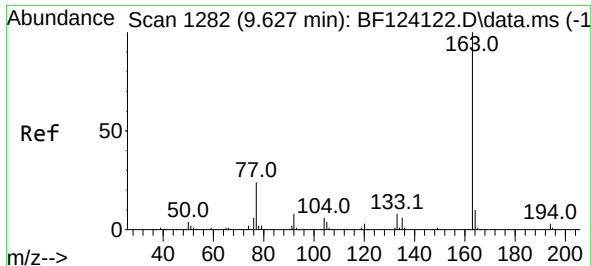
Tgt Ion: 330 Resp: 47686
Ion Ratio Lower Upper
330 100
332 92.7 77.1 115.7
141 36.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 75.941 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

Tgt Ion: 172 Resp: 452332
Ion Ratio Lower Upper
172 100
171 37.1 28.1 42.1
170 23.9 19.2 28.8

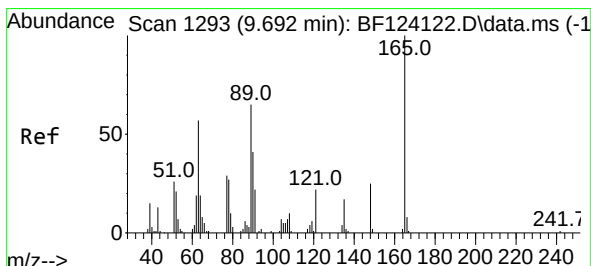
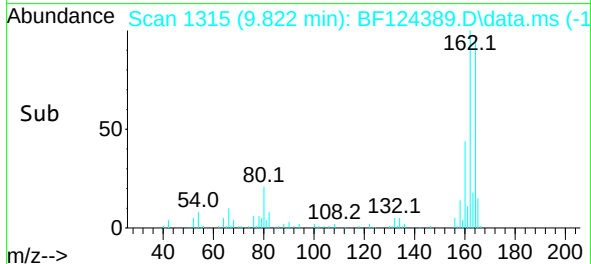
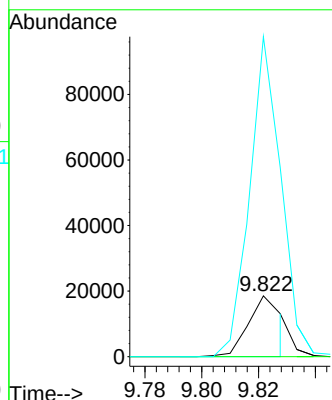
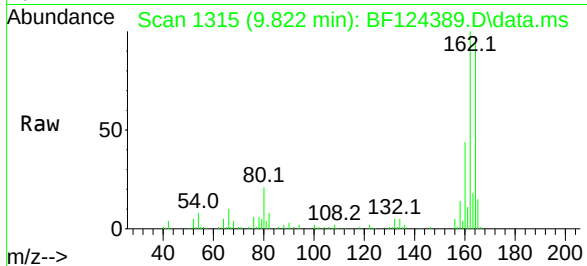




#50
Dimethylphthalate
Concen: 2.400 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

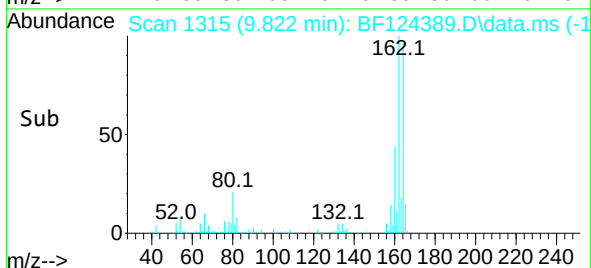
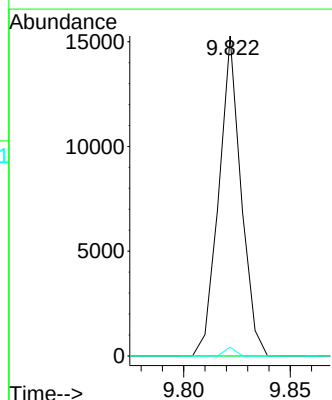
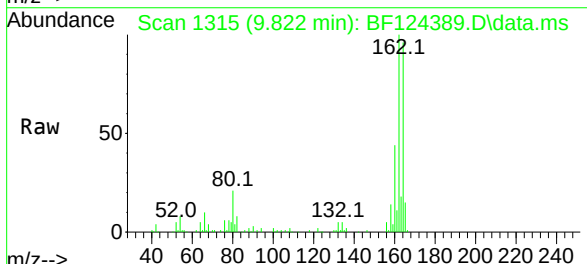
Instrument :
BNA_F
ClientSampled :
SB-8

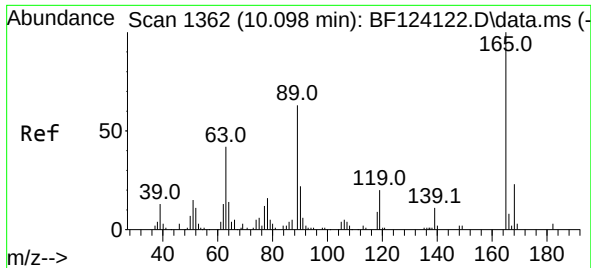
Tgt Ion:163 Resp: 14883
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 526.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.775 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

Tgt Ion:165 Resp: 11055
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 2.7 58.8 88.2#

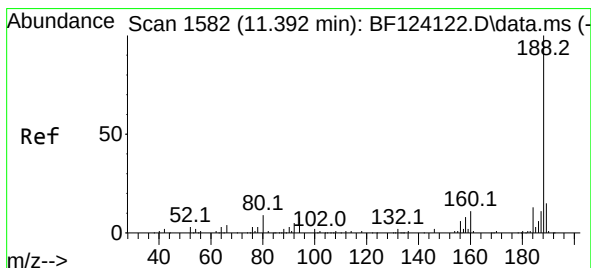
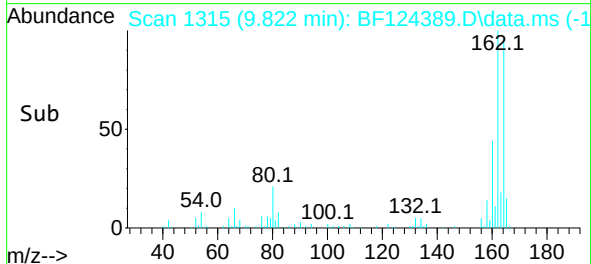
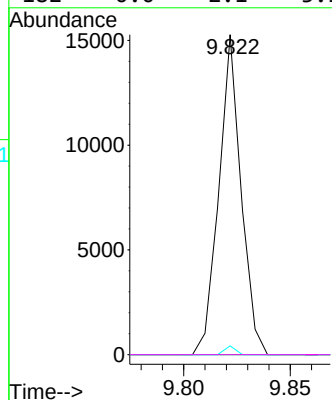
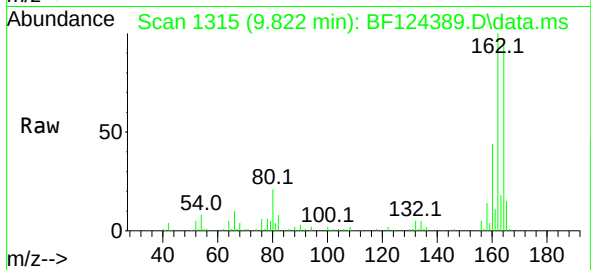




#57
2,4-Dinitrotoluene
Concen: 5.895 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

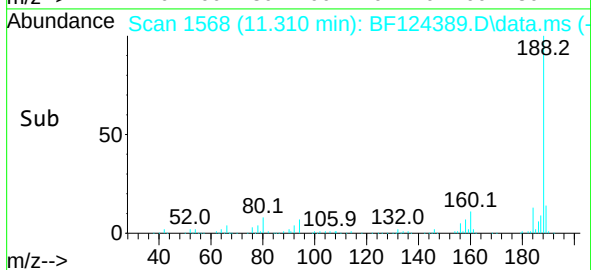
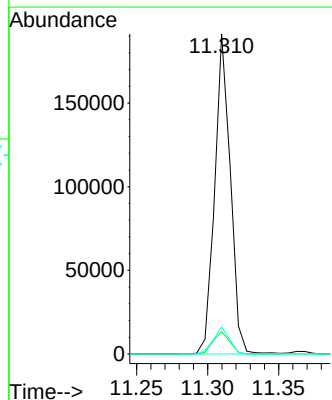
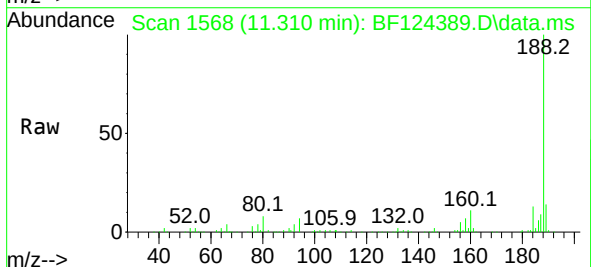
Instrument :
BNA_F
ClientSampled :
SB-8

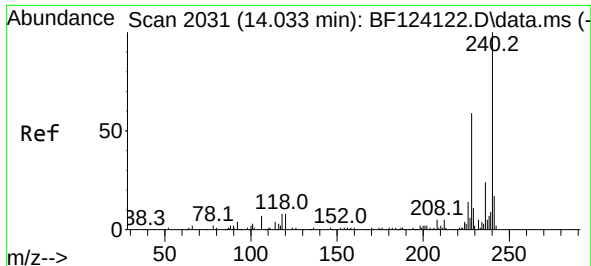
Tgt Ion:165	Resp:	11055
Ion Ratio	Lower	Upper
165	100	
63	0.0	43.5 65.3#
89	2.7	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

Tgt Ion:188	Resp:	146011
Ion Ratio	Lower	Upper
188	100	
94	7.0	6.9 10.3
80	8.4	8.2 12.2

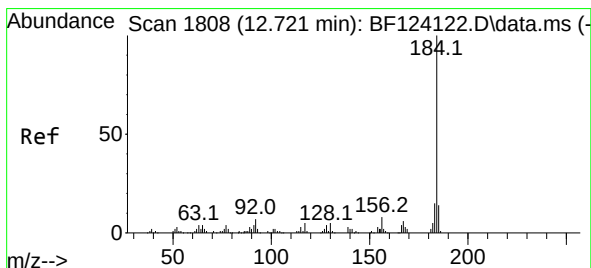
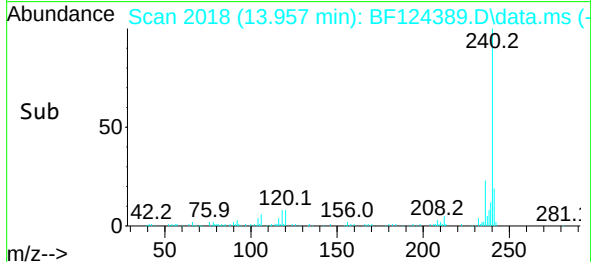
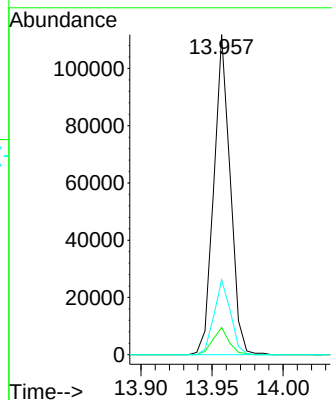
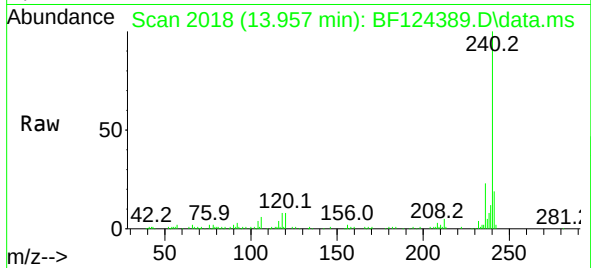




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

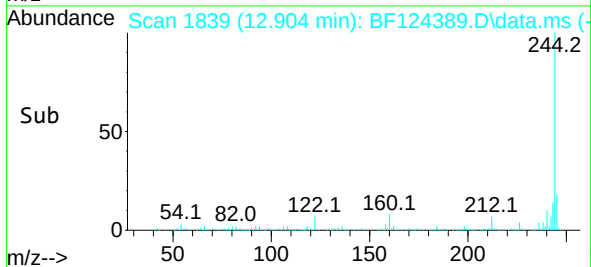
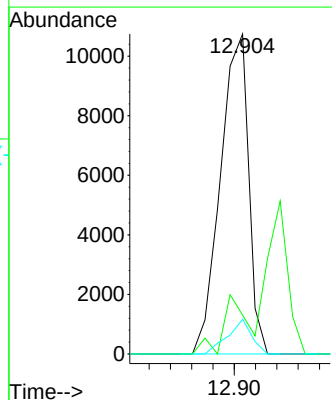
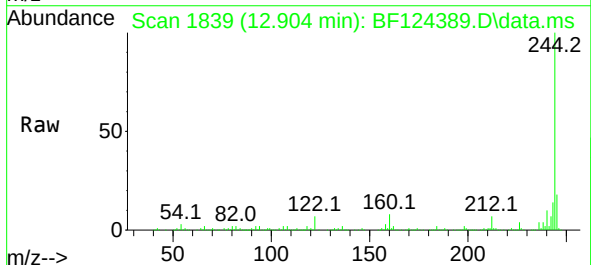
Instrument :
BNA_F
ClientSampleId :
SB-8

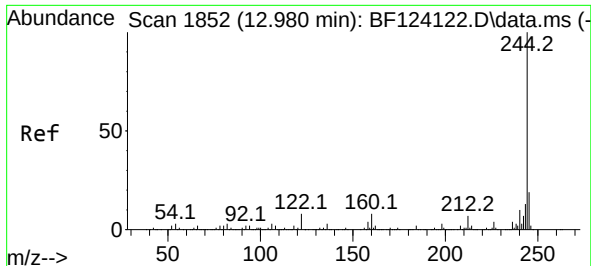
Tgt Ion:240 Resp: 90063
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 23.4 19.0 28.4



#77
Benzidine
Concen: 8.363 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.206 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

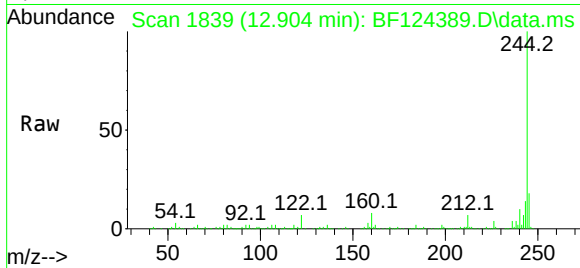
Tgt Ion:184 Resp: 9865
Ion Ratio Lower Upper
184 100
185 12.2 12.1 18.1
183 10.9 7.8 11.8



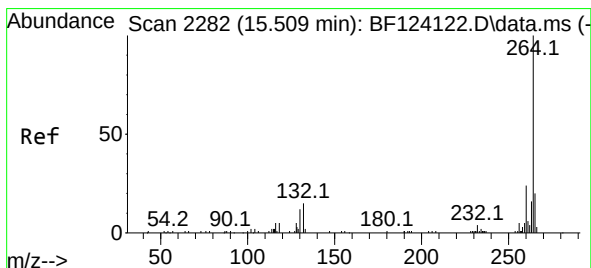
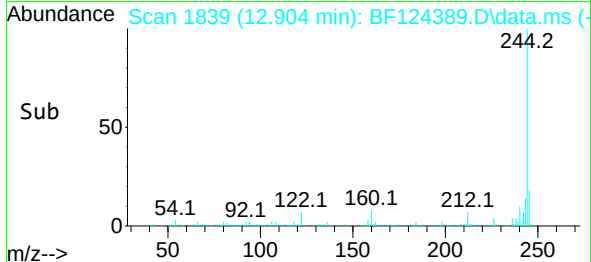
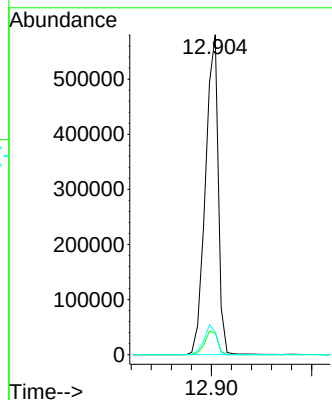


#79
 Terphenyl-d14
 Concen: 78.688 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BF124389.D
 Acq: 21 Jun 2021 12:41

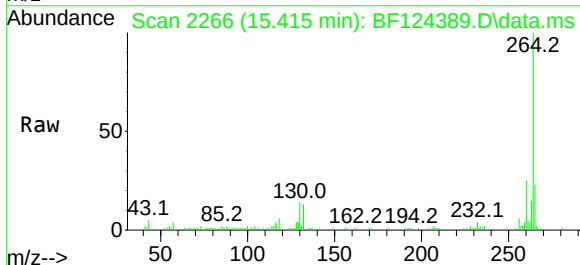
Instrument :
 BNA_F
 ClientSampleId :
 SB-8



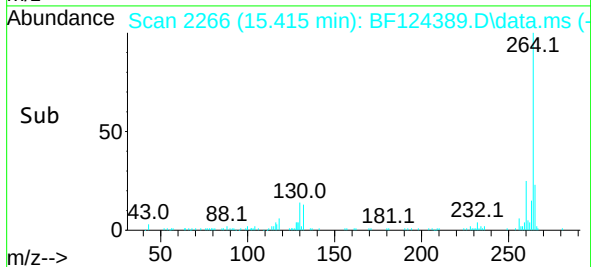
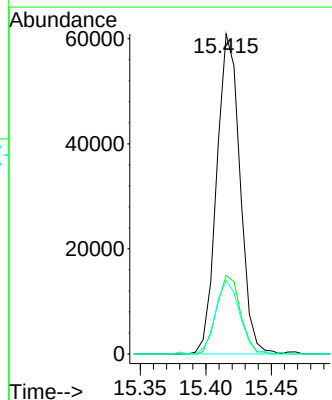
Tgt Ion:244 Resp: 516175
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 7.1 9.7 14.5#

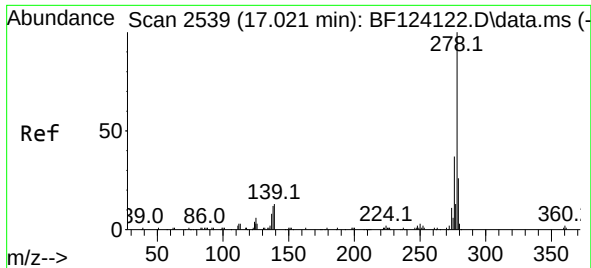


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: BF124389.D
 Acq: 21 Jun 2021 12:41



Tgt Ion:264 Resp: 74919
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.7 28.1
 265 22.9 17.8 26.8

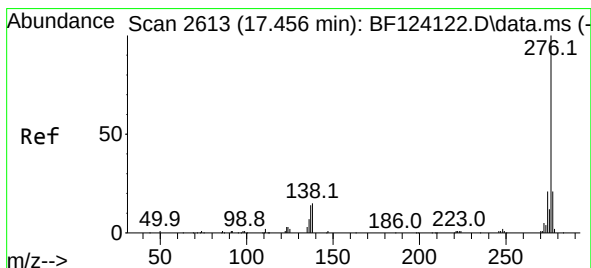
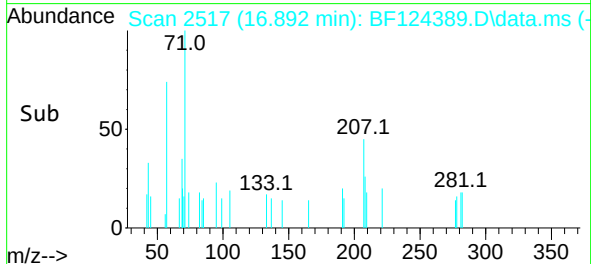
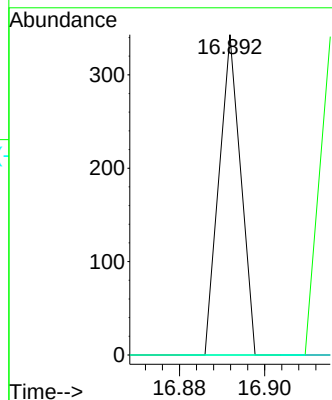
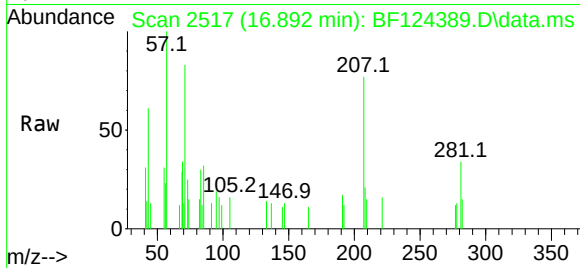




#91
Dibenzo(a,h)anthracene
Concen: 4.196 ng
RT: 16.892 min Scan# 2517
Delta R.T. 0.006 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

Instrument :
BNA_F
ClientSampled :
SB-8

Tgt Ion:278 Resp: 121
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 0.0 19.4 29.0#



#92
Benzo(g,h,i)perylene
Concen: 3.845 ng
RT: 17.321 min Scan# 2590
Delta R.T. 0.006 min
Lab File: BF124389.D
Acq: 21 Jun 2021 12:41

Tgt Ion:276 Resp: 216
Ion Ratio Lower Upper
276 100
277 63.8 18.2 27.2#
138 0.0 13.8 20.6#

