

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124426.D
 Acq On : 22 Jun 2021 22:46
 Operator : JU/CG
 Sample : M2789-31
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASEMENT-WALLS

Quant Time: Jun 23 02:51:57 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)

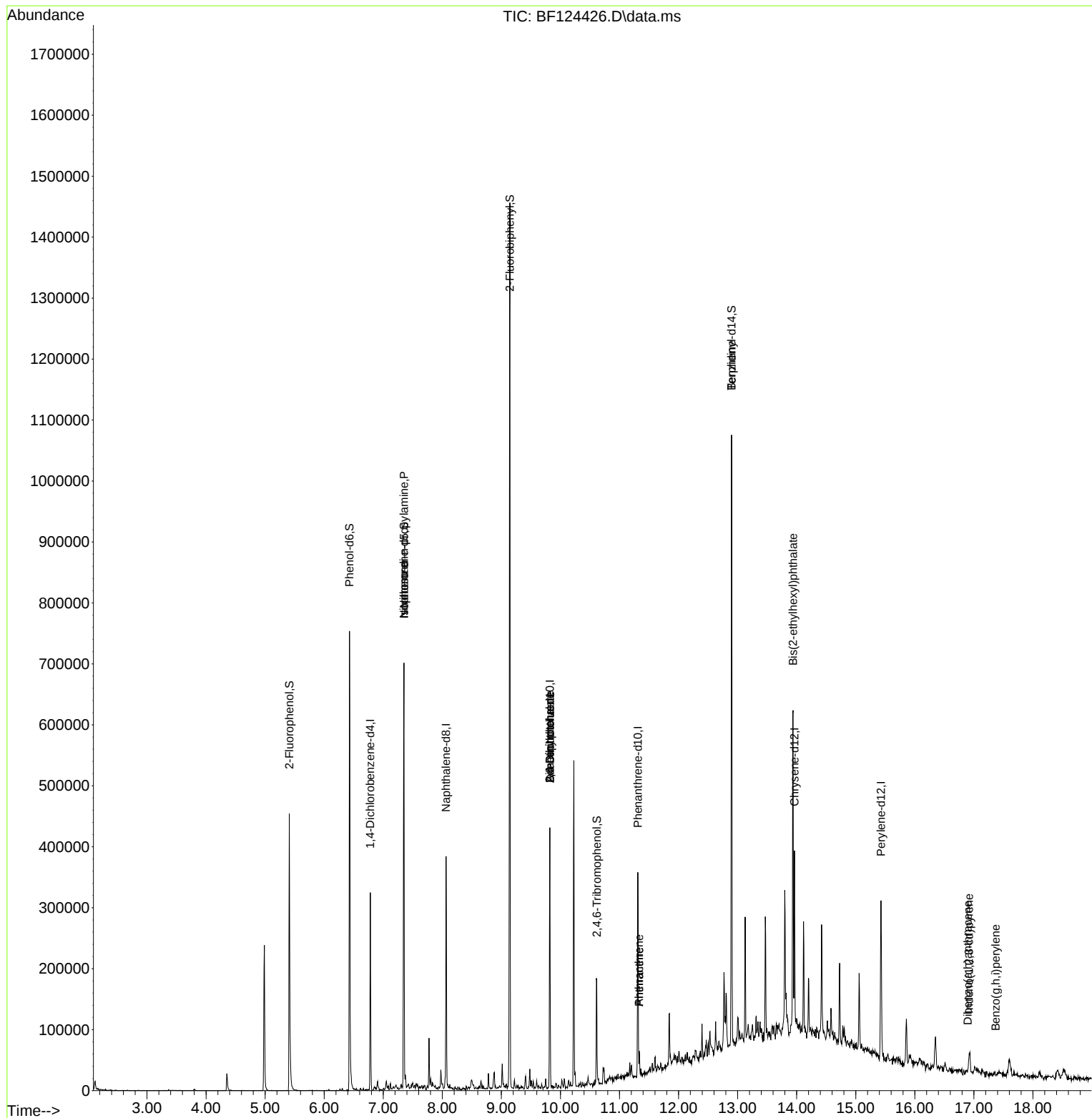
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	38566	20.00	ng	0.00
21) Naphthalene-d8	8.063	136	140841	20.00	ng	#-0.01
39) Acenaphthene-d10	9.822	164	74772	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	101708	20.00	ng	0.00
76) Chrysene-d12	13.963	240	81921	20.00	ng	0.00
86) Perylene-d12	15.427	264	72455	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	107802	42.08	ng	0.00
7) Phenol-d6	6.428	99	208066	60.42	ng	-0.02
23) Nitrobenzene-d5	7.351	82	203766	57.38	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	19941	18.82	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	399327	67.20	ng	0.00
79) Terphenyl-d14	12.898	244	297266	49.82	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	29238	12.03	ng	# 64
25) Isophorone	7.351	82	203766	31.84	ng	# 69
50) Dimethylphthalate	9.822	163	14366	2.32	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	9736	6.86	ng	# 13
57) 2,4-Dinitrotoluene	9.822	165	9736	5.20	ng	# 18
71) Phenanthrene	11.333	178	13014	2.05	ng	98
72) Anthracene	11.333	178	13014	2.03	ng	98
77) Benzidine	12.898	184	5493	6.69	ng	95
84) Bis(2-ethylhexyl)phtha...	13.939	149	147078	38.75	ng	97
87) Indeno(1,2,3-cd)pyrene	16.915	276	228	4.37	ng	# 1
91) Dibenzo(a,h)anthracene	16.898	278	127	4.20	ng	# 57
92) Benzo(g,h,i)perylene	17.368	276	604	3.92	ng	# 31

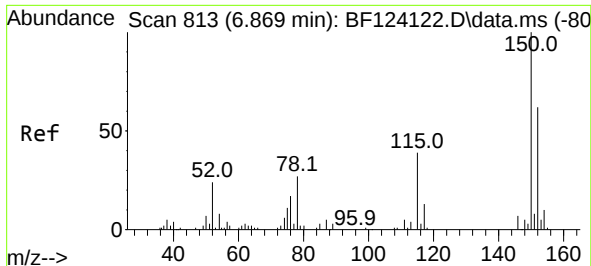
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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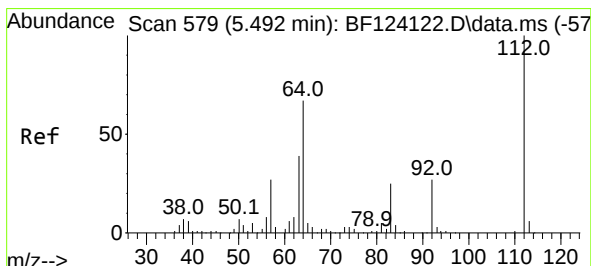
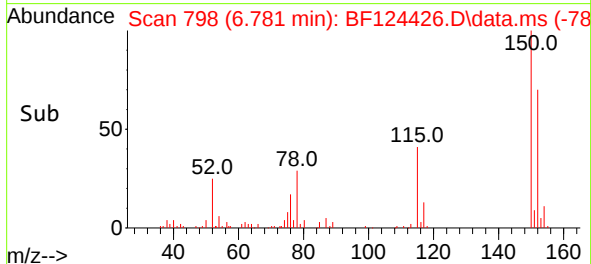
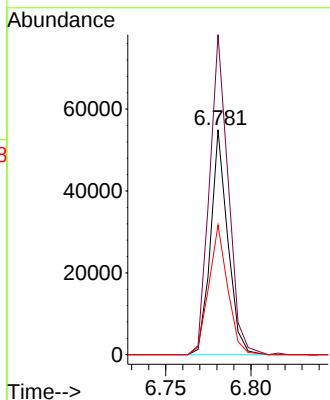
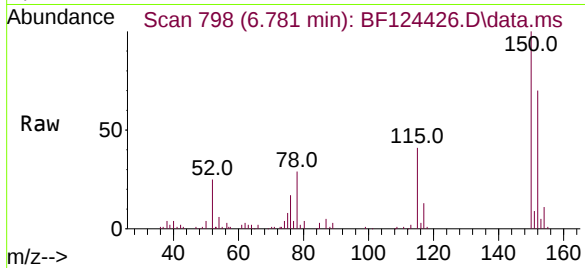




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

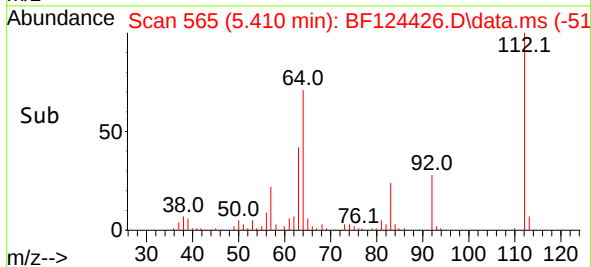
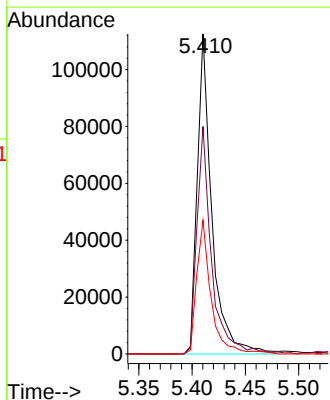
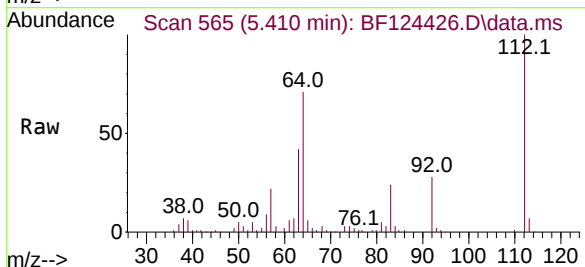
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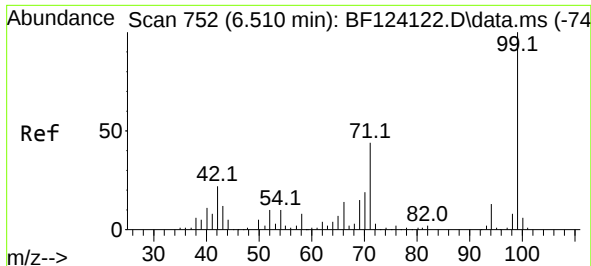
Tgt Ion:152 Resp: 38566
Ion Ratio Lower Upper
152 100
150 142.3 127.0 190.6
115 57.7 54.3 81.5



#5
2-Fluorophenol
Concen: 42.08 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

Tgt Ion:112 Resp: 107802
Ion Ratio Lower Upper
112 100
64 71.1 61.4 92.0
63 41.8 33.0 49.4

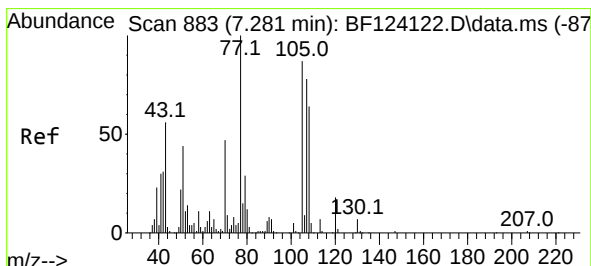
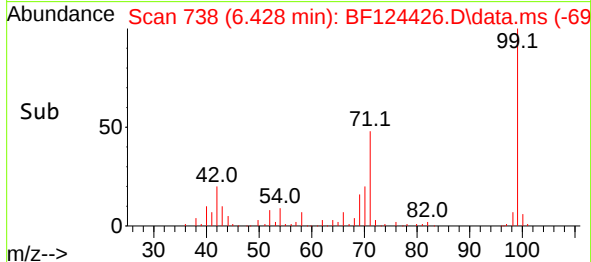
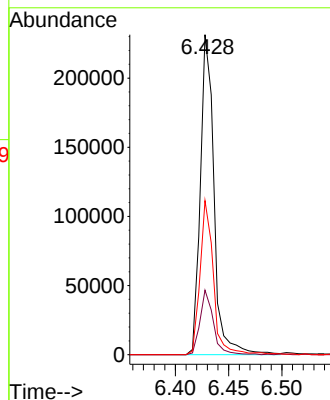
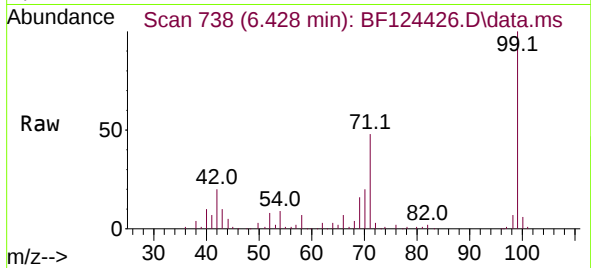




#7
Phenol-d6
Concen: 60.42 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

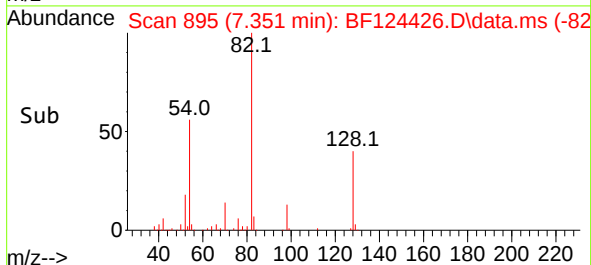
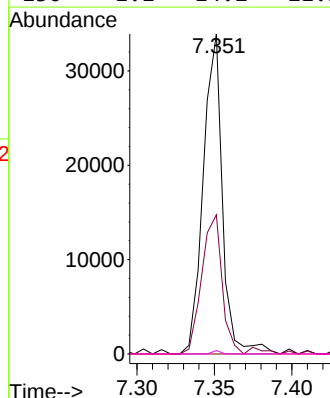
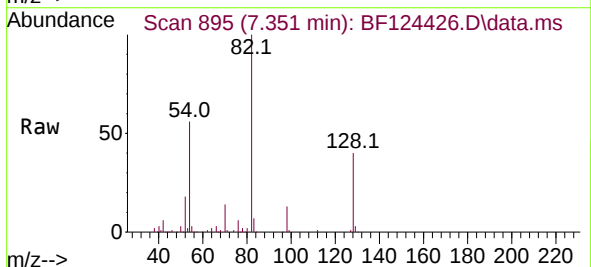
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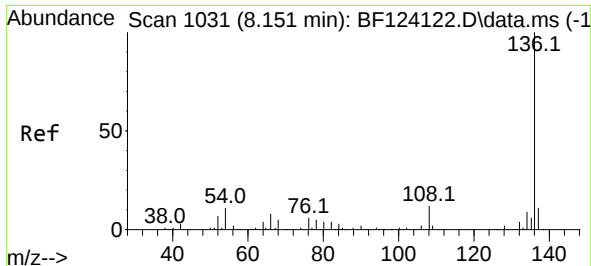
Tgt Ion: 99 Resp: 208066
Ion Ratio Lower Upper
99 100
42 20.2 19.8 29.8
71 48.1 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 12.03 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

Tgt Ion: 70 Resp: 29238
Ion Ratio Lower Upper
70 100
42 43.5 60.1 90.1#
101 0.0 7.4 11.2#
130 1.1 14.2 21.2#

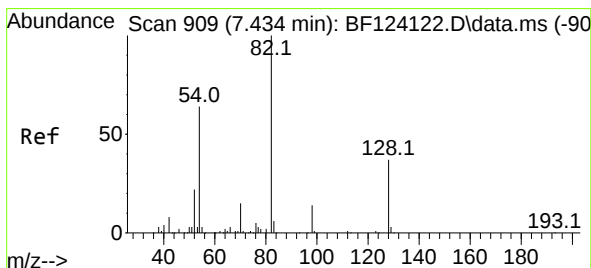
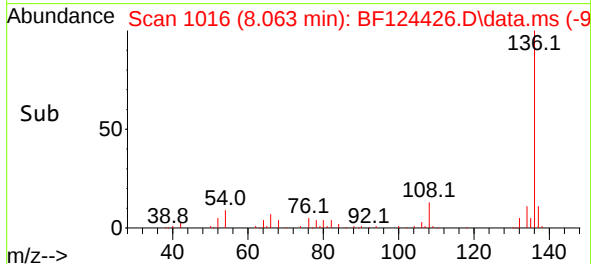
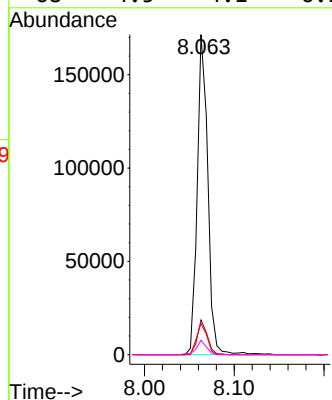
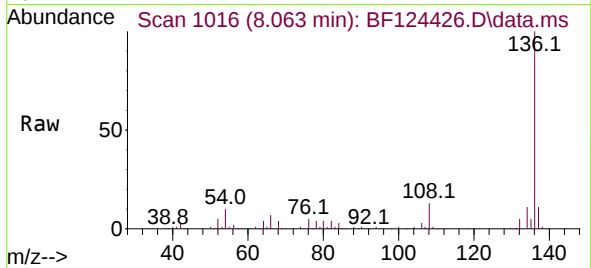




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

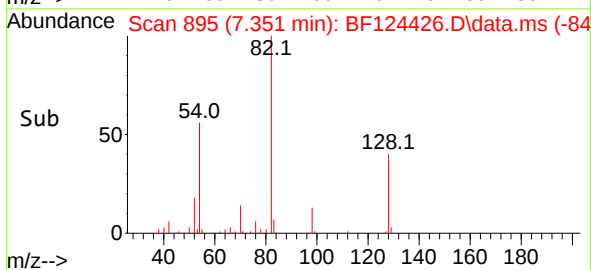
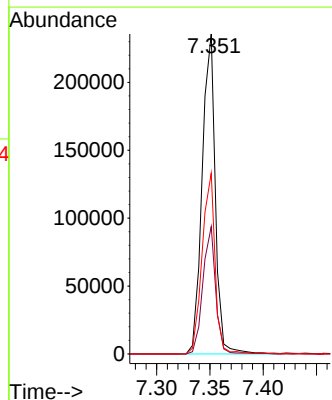
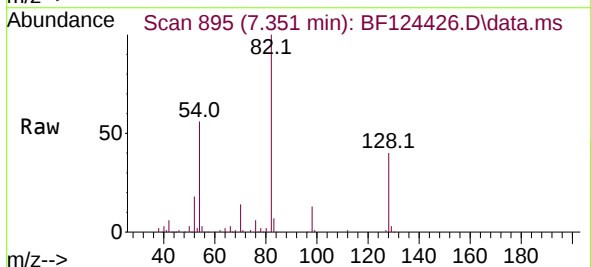
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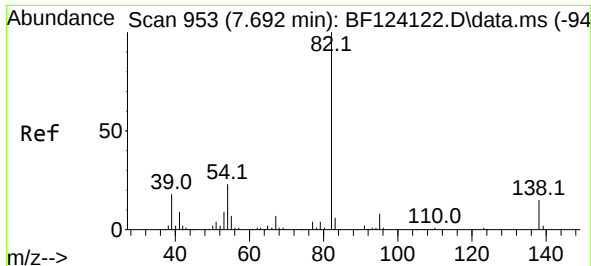
Tgt Ion:136	Resp: 140841
Ion Ratio	Lower Upper
136	100
137	10.8 8.7 13.1
54	9.8 9.8 14.6#
68	4.5 4.1 6.1



#23
Nitrobenzene-d5
Concen: 57.38 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

Tgt Ion: 82	Resp: 203766
Ion Ratio	Lower Upper
82	100
128	39.8 29.4 44.2
54	56.5 54.1 81.1

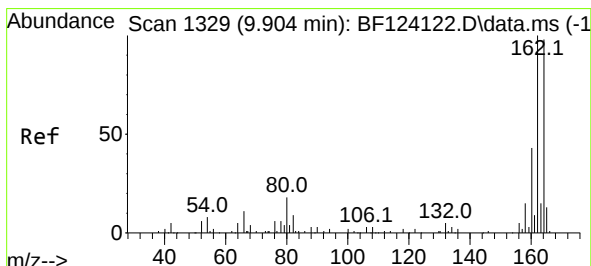
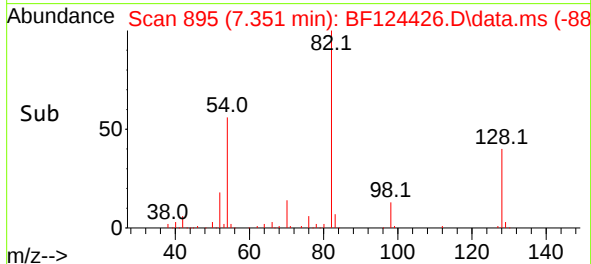
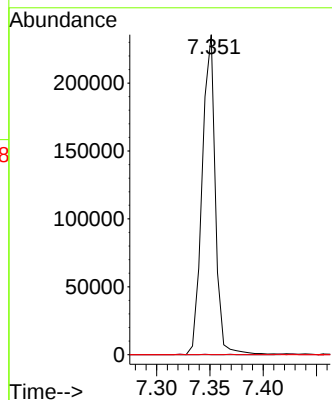
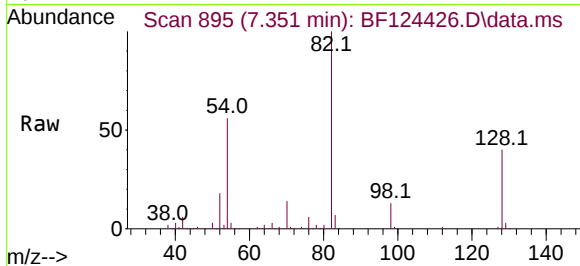




#25
Isophorone
Concen: 31.84 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

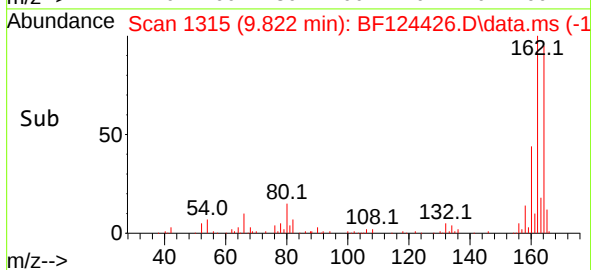
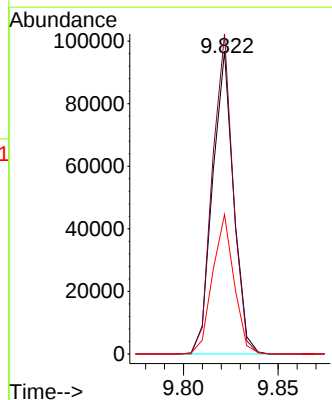
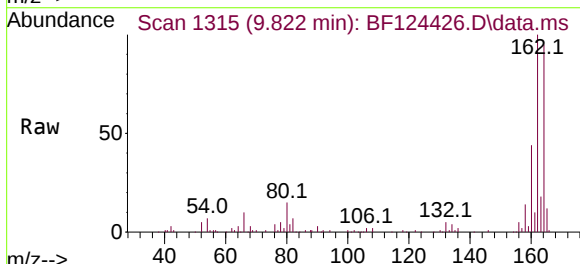
Instrument :
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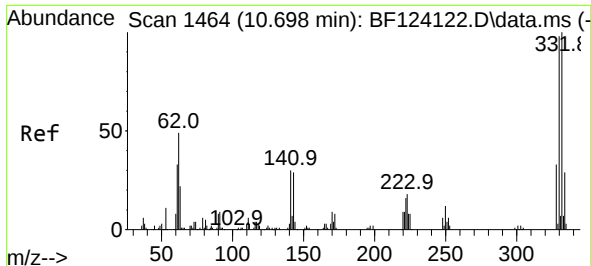
Tgt Ion: 82 Resp: 203766
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

Tgt Ion: 164 Resp: 74772
Ion Ratio Lower Upper
164 100
162 105.6 80.7 121.1
160 46.0 37.3 55.9

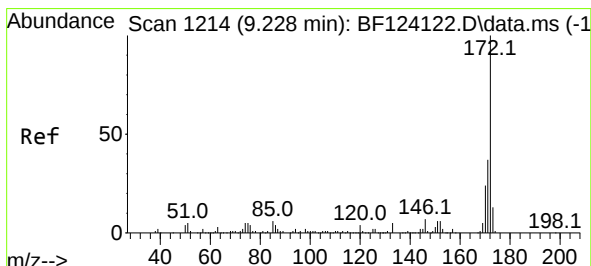
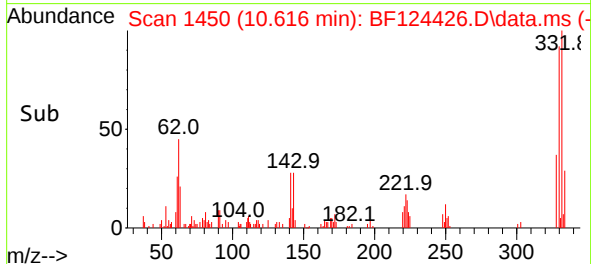
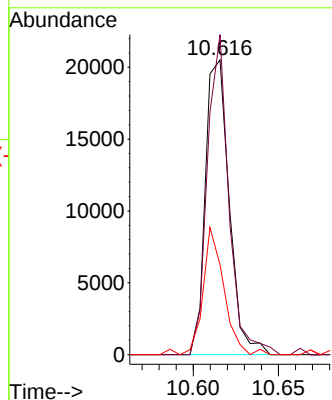
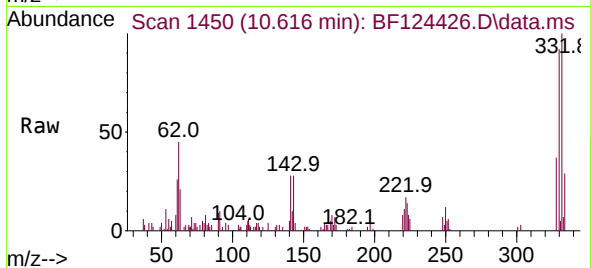




#42
2,4,6-Tribromophenol
Concen: 18.82 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

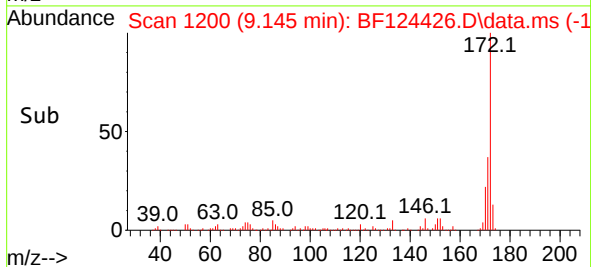
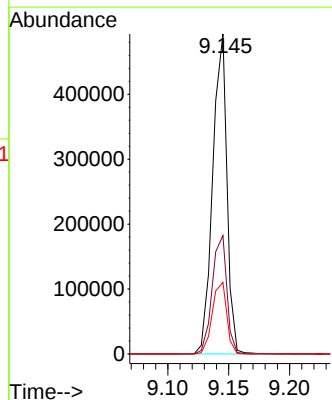
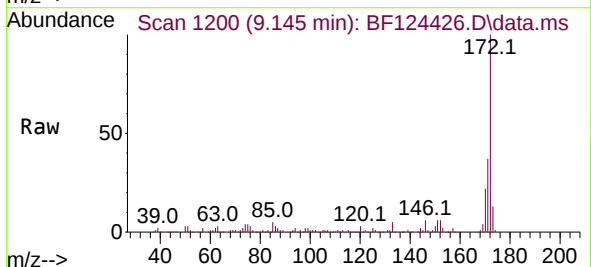
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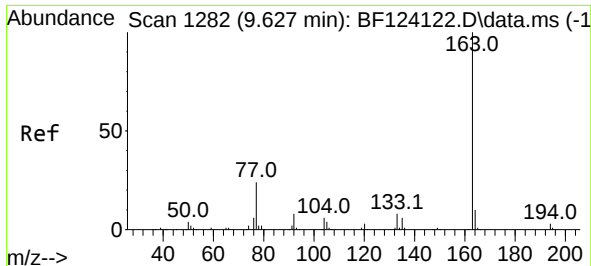
Tgt Ion: 330 Resp: 19941
Ion Ratio Lower Upper
330 100
332 98.2 77.1 115.7
141 38.2 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 67.20 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

Tgt Ion: 172 Resp: 399327
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 22.4 19.2 28.8

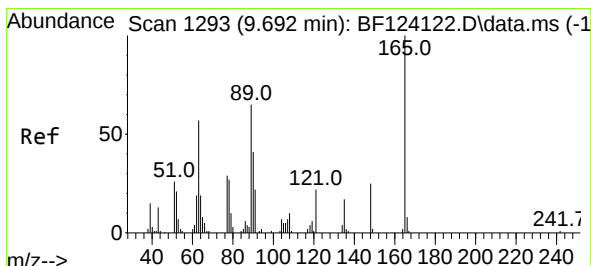
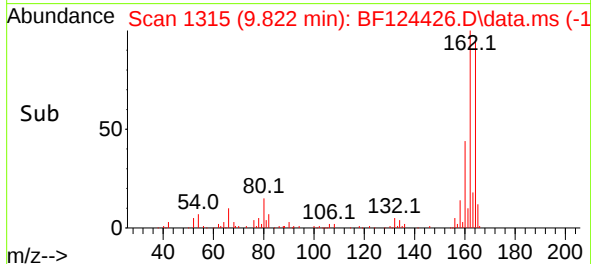
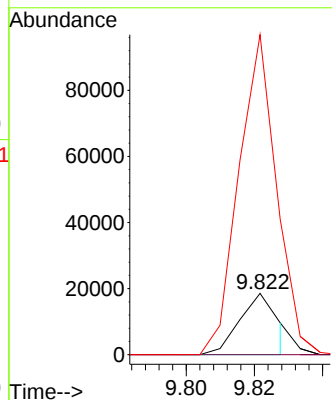
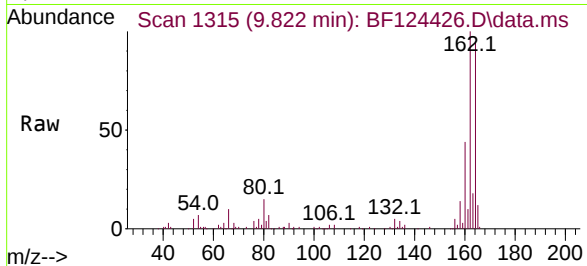




#50
Dimethylphthalate
Concen: 2.32 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

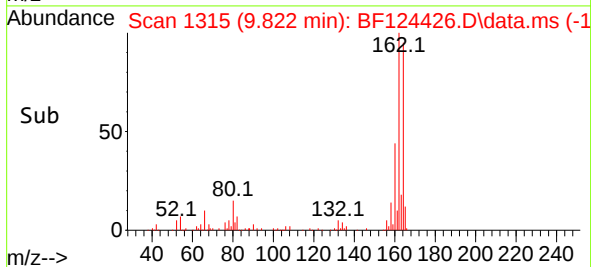
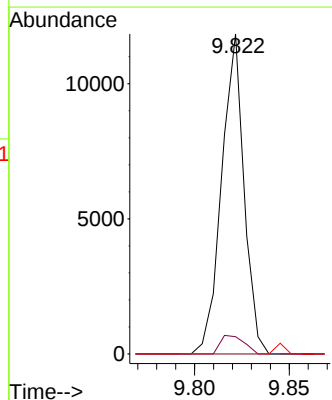
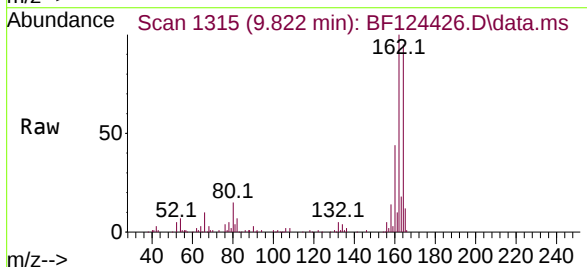
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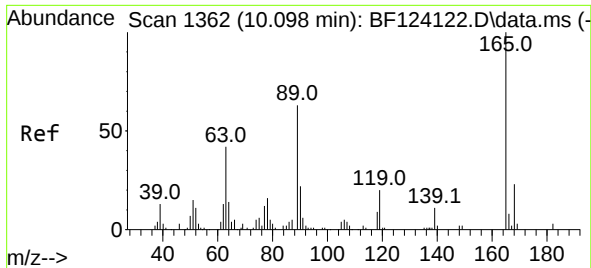
Tgt Ion:163 Resp: 14366
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 522.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.86 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

Tgt Ion:165 Resp: 9736
Ion Ratio Lower Upper
165 100
63 5.4 67.7 101.5#
89 0.0 58.8 88.2#

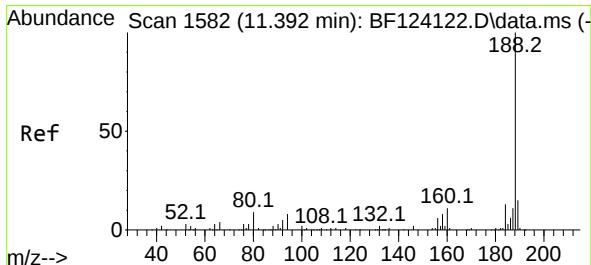
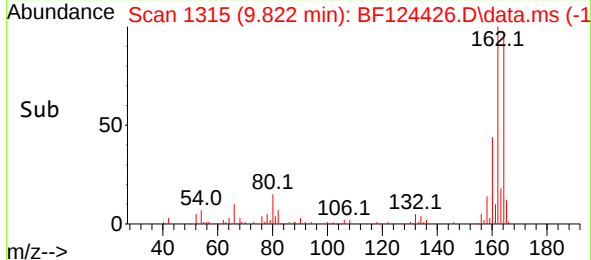
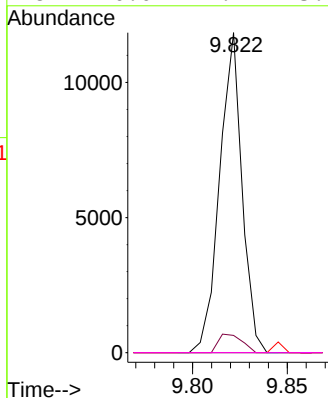
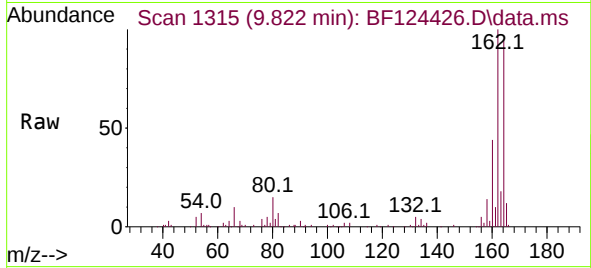




#57
2,4-Dinitrotoluene
Concen: 5.20 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

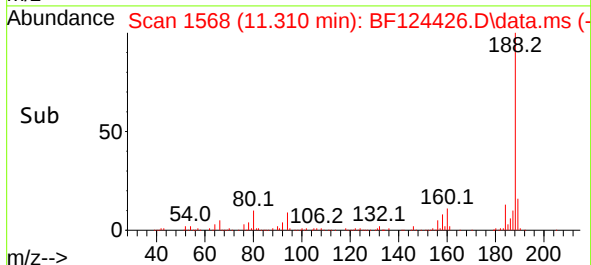
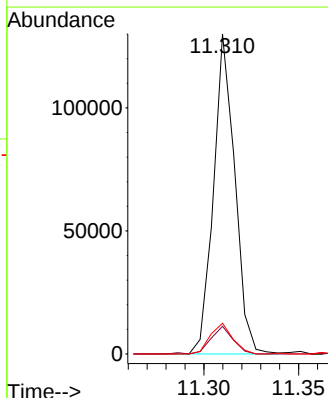
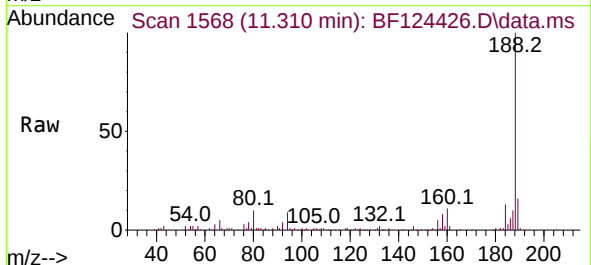
Instrument :
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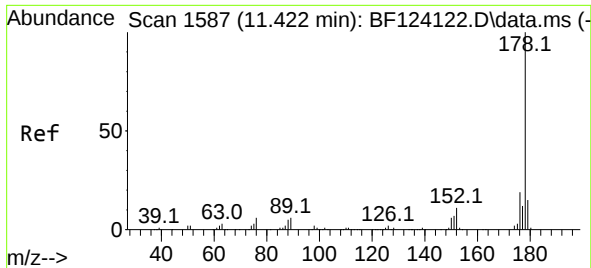
Tgt Ion:165	Resp:	9736
Ion Ratio	Lower	Upper
165	100	
63	5.4	43.5 65.3#
89	0.0	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

Tgt Ion:188	Resp:	101708
Ion Ratio	Lower	Upper
188	100	
94	8.7	6.9 10.3
80	9.6	8.2 12.2

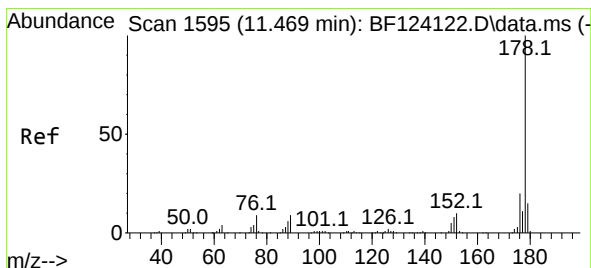
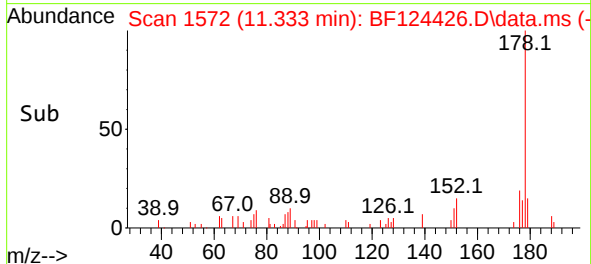
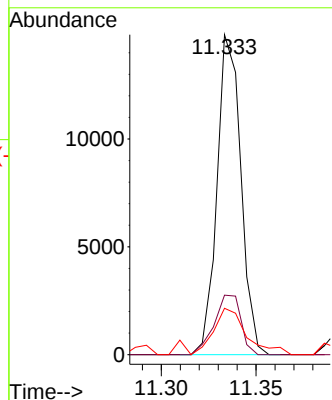
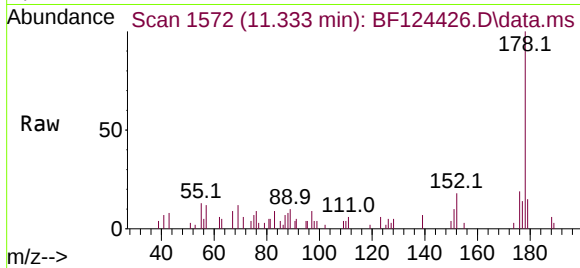




#71
Phenanthrene
Concen: 2.05 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

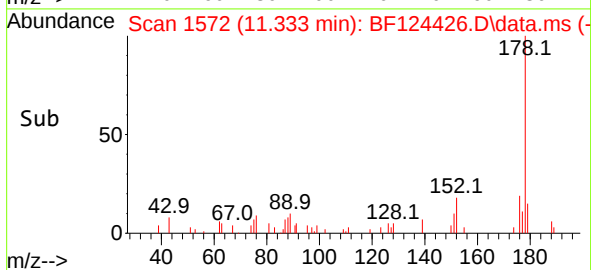
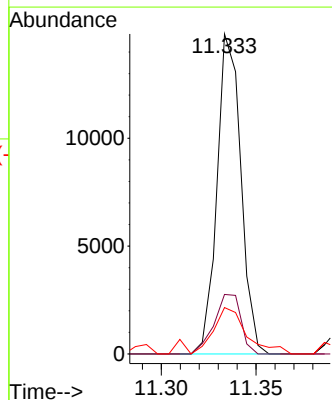
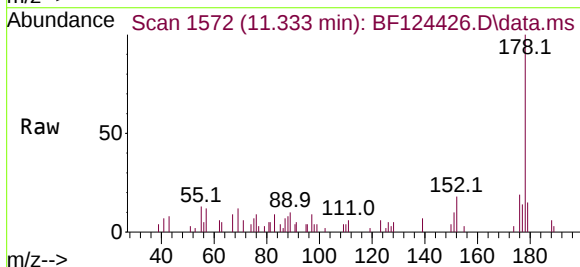
Instrument :
BNA_F
ClientSampleId :
BASEMENT-WALLS

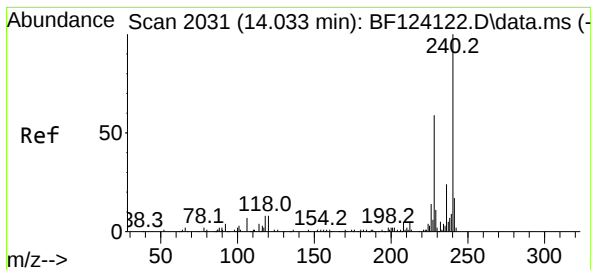
Tgt Ion:178 Resp: 13014
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 14.5 12.5 18.7



#72
Anthracene
Concen: 2.03 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.065 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

Tgt Ion:178 Resp: 13014
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 14.5 12.6 18.8

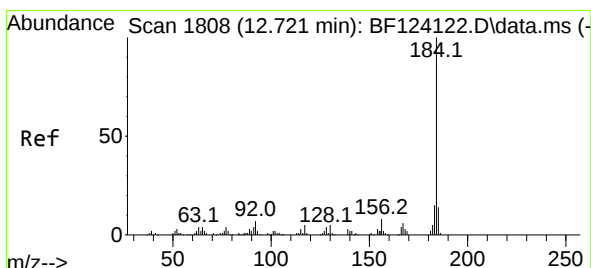
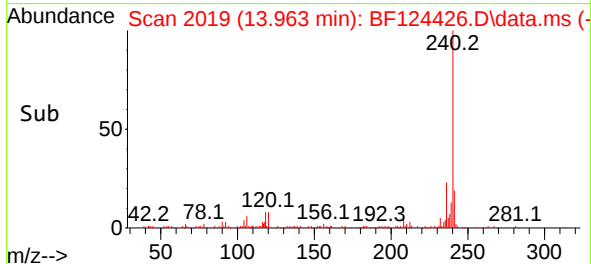
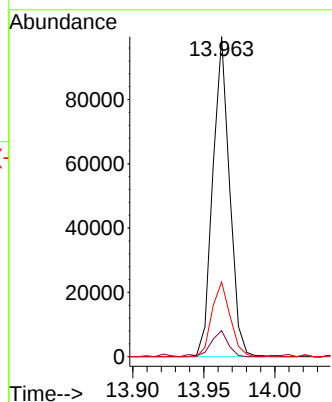
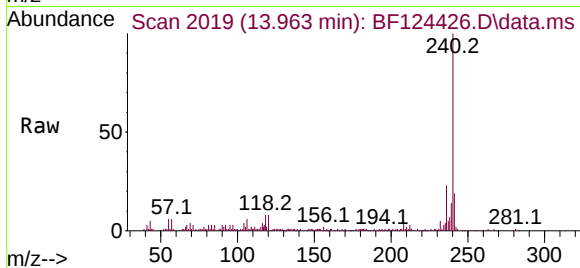




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

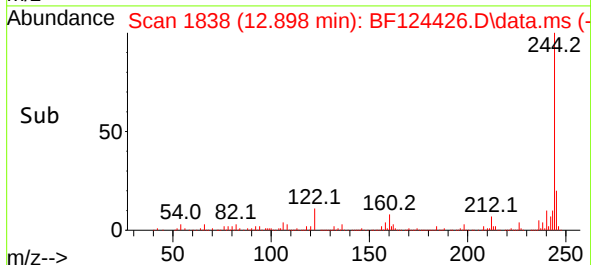
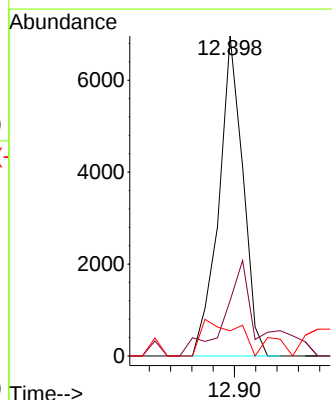
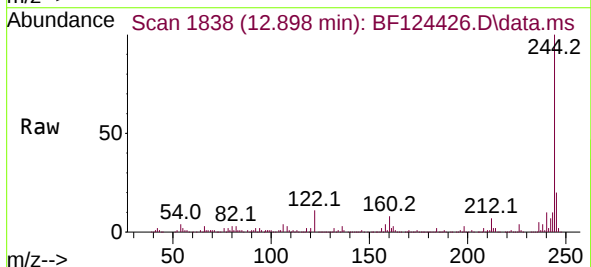
Instrument :
BNA_F
ClientSampleId :
BASEMENT-WALLS

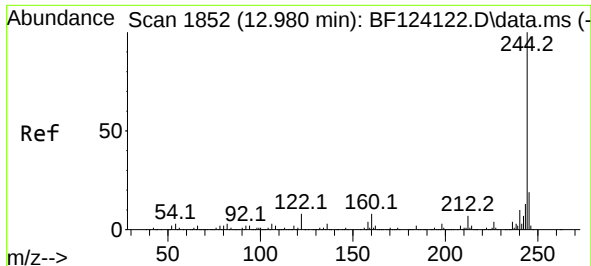
Tgt Ion:240 Resp: 81921
Ion Ratio Lower Upper
240 100
120 8.2 7.2 10.8
236 23.4 19.0 28.4



#77
Benzidine
Concen: 6.69 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.200 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

Tgt Ion:184 Resp: 5493
Ion Ratio Lower Upper
184 100
185 17.3 12.1 18.1
183 7.8 7.8 11.8

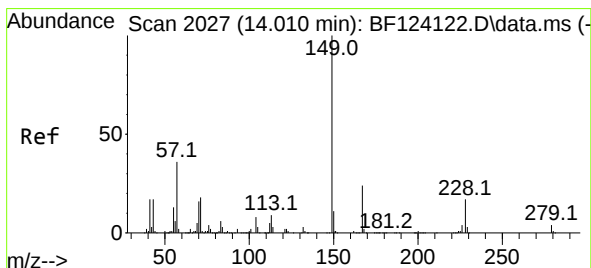
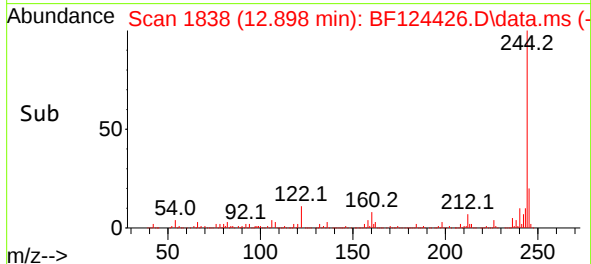
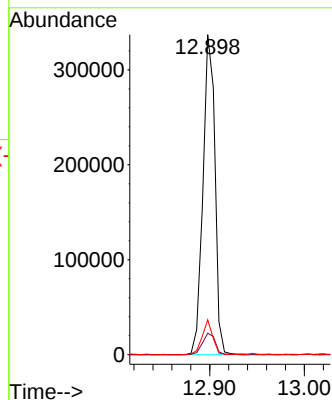
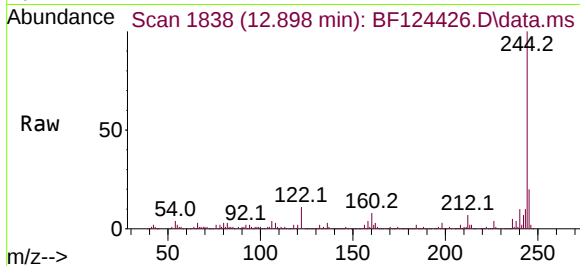




#79
 Terphenyl-d14
 Concen: 49.82 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF124426.D
 Acq: 22 Jun 2021 22:46

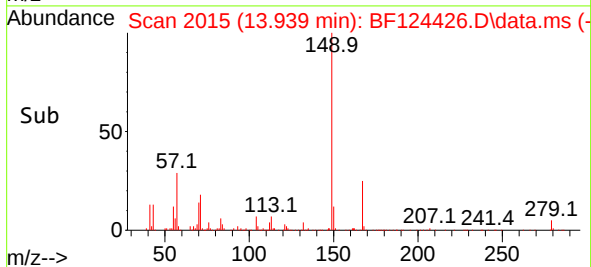
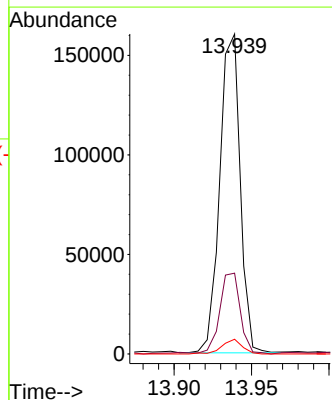
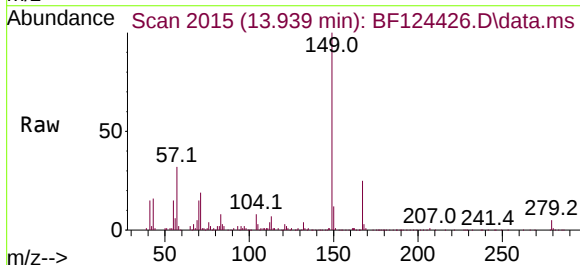
Instrument :
 BNA_F
 ClientSampleId :
 BASEMENT-WALLS

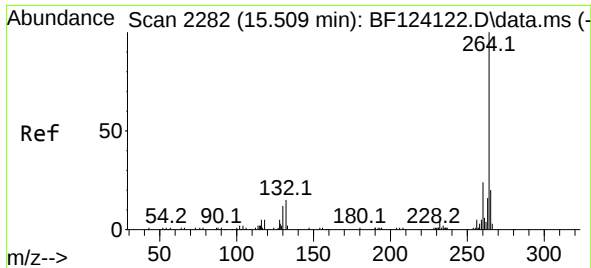
Tgt Ion:244 Resp: 297266
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 10.9 9.7 14.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.75 ng
 RT: 13.939 min Scan# 2015
 Delta R.T. 0.000 min
 Lab File: BF124426.D
 Acq: 22 Jun 2021 22:46

Tgt Ion:149 Resp: 147078
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.8 32.6
 279 4.6 3.3 4.9

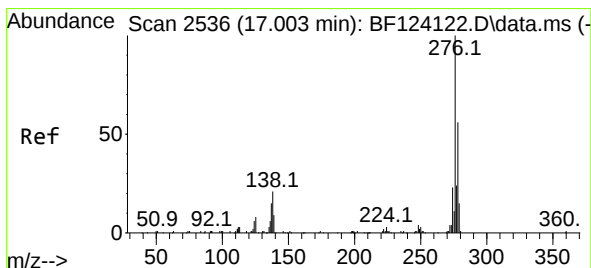
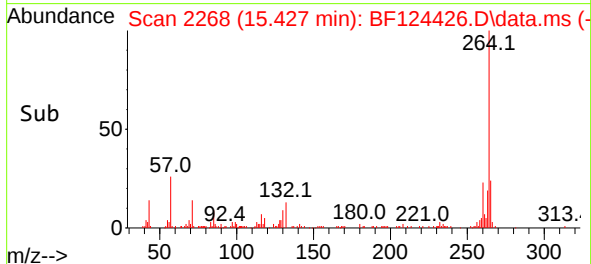
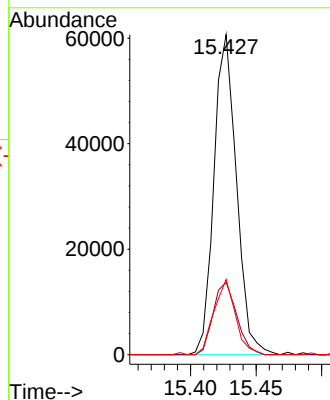
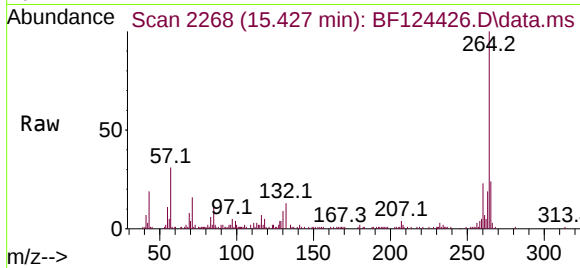




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.012 min
 Lab File: BF124426.D
 Acq: 22 Jun 2021 22:46

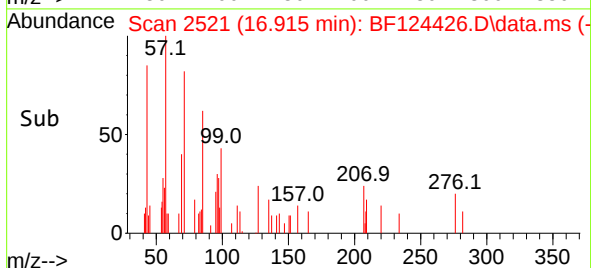
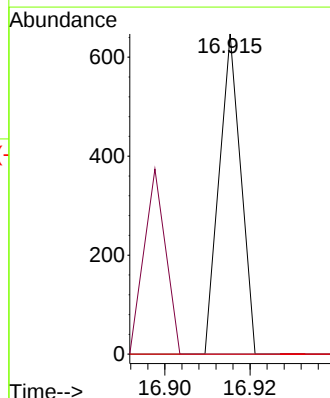
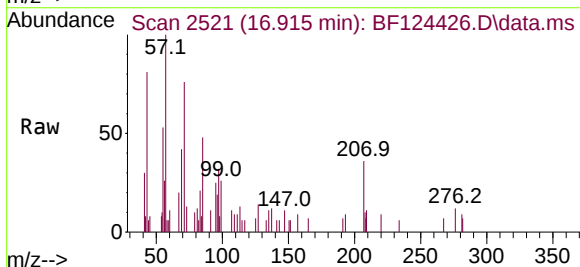
Instrument :
 BNA_F
 ClientSampleId :
 BASEMENT-WALLS

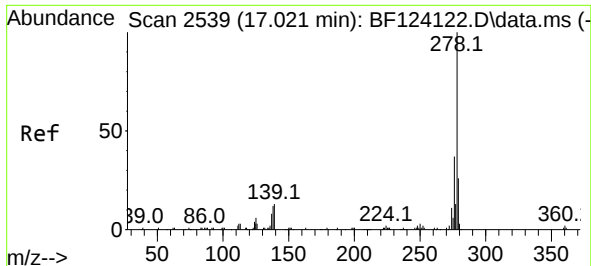
Tgt Ion:264	Resp:	72455
Ion Ratio	Lower	Upper
264	100	
260	22.6	18.7 28.1
265	23.5	17.8 26.8



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.37 ng
 RT: 16.915 min Scan# 2521
 Delta R.T. 0.041 min
 Lab File: BF124426.D
 Acq: 22 Jun 2021 22:46

Tgt Ion:276	Resp:	228
Ion Ratio	Lower	Upper
276	100	
138	109.2	16.2 24.2#
277	0.0	20.1 30.1#

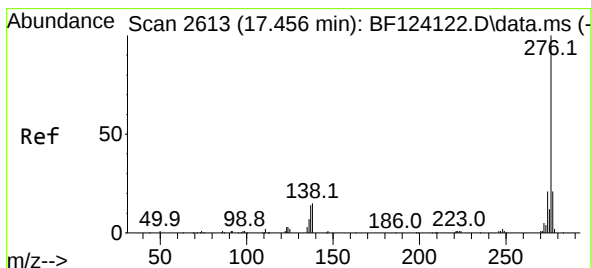
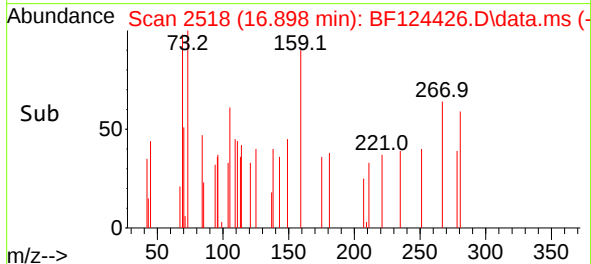
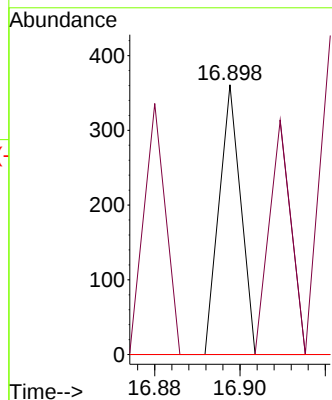
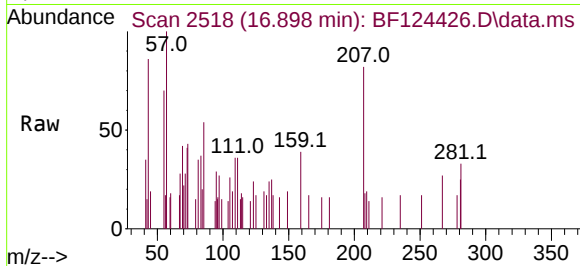




#91
Dibenzo(a,h)anthracene
Concen: 4.20 ng
RT: 16.898 min Scan# 2518
Delta R.T. 0.012 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

Instrument :
BNA_F
ClientSampleId :
BASEMENT-WALLS

Tgt Ion:278 Resp: 127
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: 3.92 ng
RT: 17.368 min Scan# 2598
Delta R.T. 0.053 min
Lab File: BF124426.D
Acq: 22 Jun 2021 22:46

Tgt Ion:276 Resp: 604
Ion Ratio Lower Upper
276 100
277 0.0 18.2 27.2#
138 60.2 13.8 20.6#

