

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124425.D
 Acq On : 22 Jun 2021 22:14
 Operator : JU/CG
 Sample : M2789-29
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASEMENT-FLOORS

Quant Time: Jun 23 02:51:48 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)

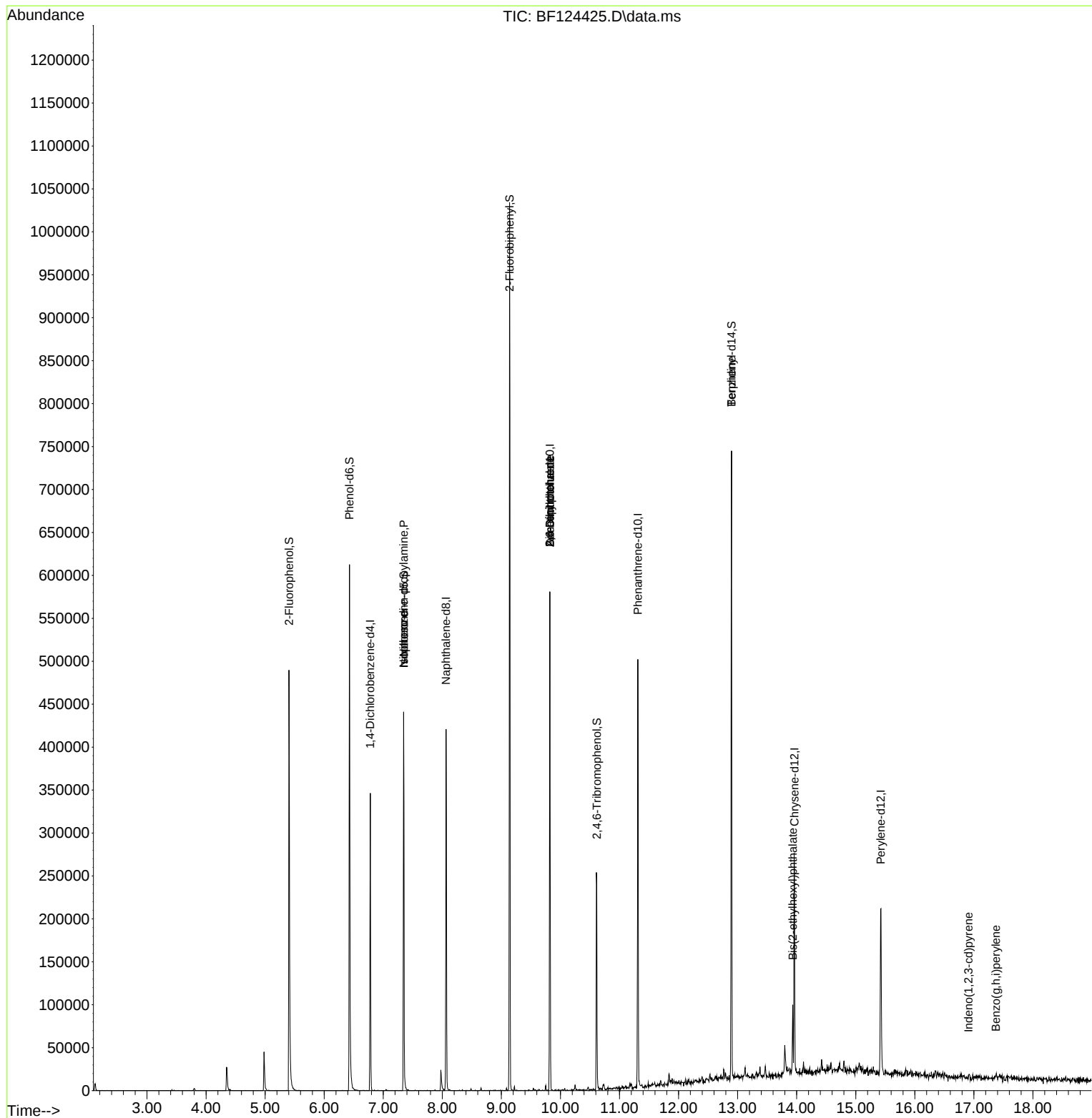
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	42364	20.00	ng	0.00
21) Naphthalene-d8	8.063	136	167383	20.00	ng	#-0.01
39) Acenaphthene-d10	9.822	164	102273	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	154603	20.00	ng	0.00
76) Chrysene-d12	13.962	240	86570	20.00	ng	# 0.00
86) Perylene-d12	15.421	264	82615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	115627	41.09	ng	-0.01
7) Phenol-d6	6.428	99	169406	44.78	ng	-0.02
23) Nitrobenzene-d5	7.345	82	131566	31.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	27147	18.74	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	279338	34.37	ng	-0.01
79) Terphenyl-d14	12.898	244	206302	32.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	18740	7.02	ng	# 61
25) Isophorone	7.345	82	131566	17.30	ng	# 69
50) Dimethylphthalate	9.822	163	17920	2.12	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	13826	7.13	ng	# 13
57) 2,4-Dinitrotoluene	9.822	165	13826	5.40	ng	# 19
77) Benzidine	12.898	184	3664	5.72	ng	# 93
84) Bis(2-ethylhexyl)phtha...	13.933	149	19518	4.87	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.909	276	129	4.35	ng	# 53
92) Benzo(g,h,i)perylene	17.374	276	247	3.85	ng	# 56

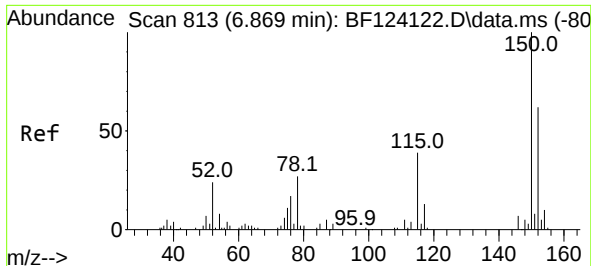
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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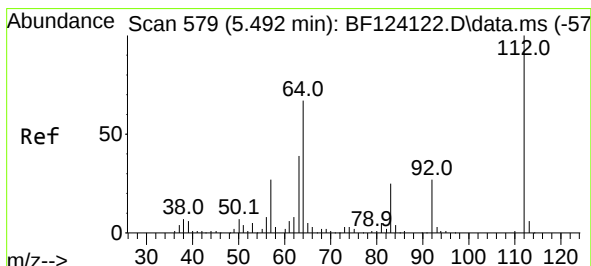
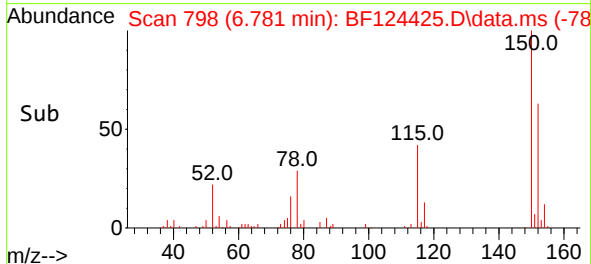
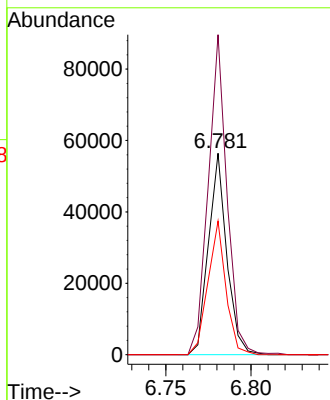
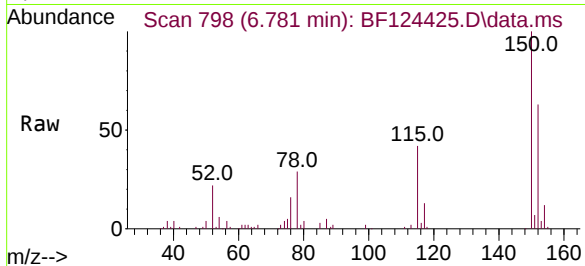




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124425.D
Acq: 22 Jun 2021 22:14

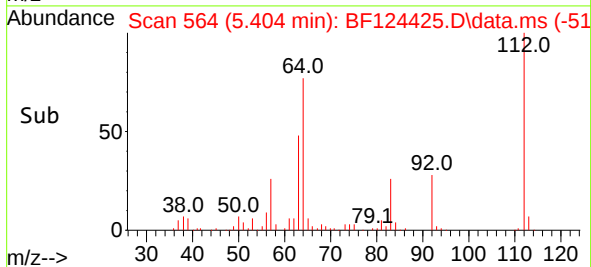
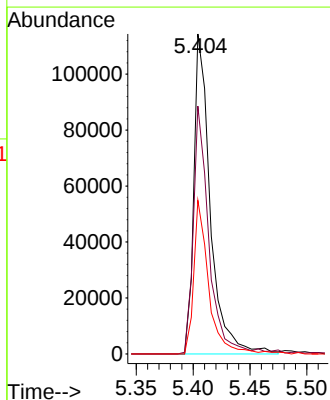
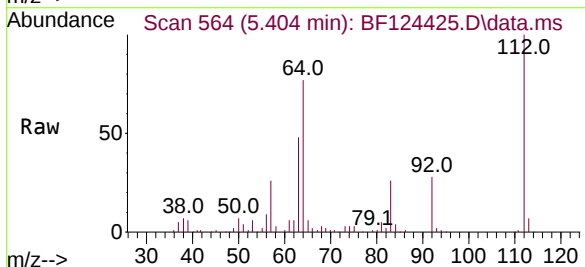
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BNA_F
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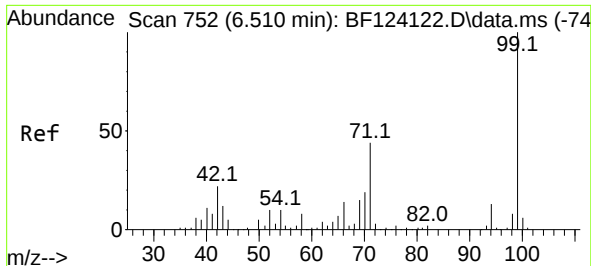
Tgt Ion:152 Resp: 42364
Ion Ratio Lower Upper
152 100
150 158.9 127.0 190.6
115 66.3 54.3 81.5



#5
2-Fluorophenol
Concen: 41.09 ng
RT: 5.404 min Scan# 564
Delta R.T. -0.012 min
Lab File: BF124425.D
Acq: 22 Jun 2021 22:14

Tgt Ion:112 Resp: 115627
Ion Ratio Lower Upper
112 100
64 77.5 61.4 92.0
63 48.0 33.0 49.4

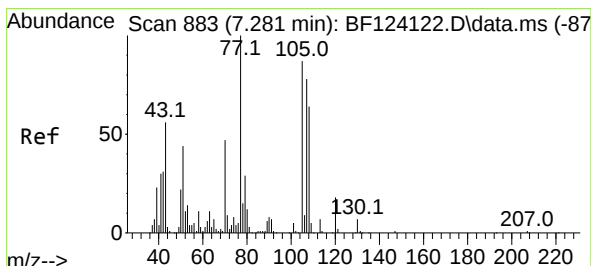
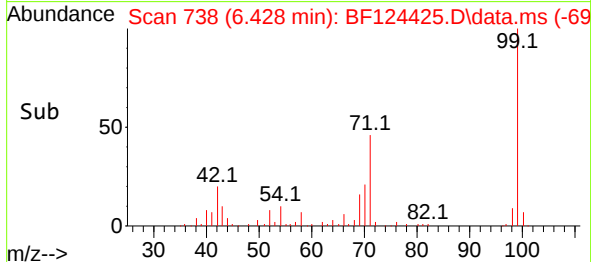
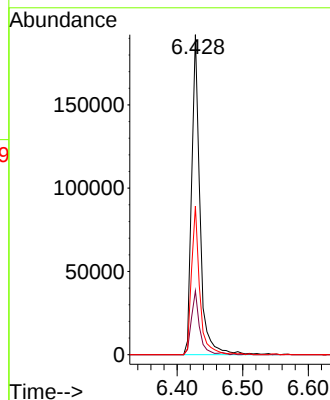
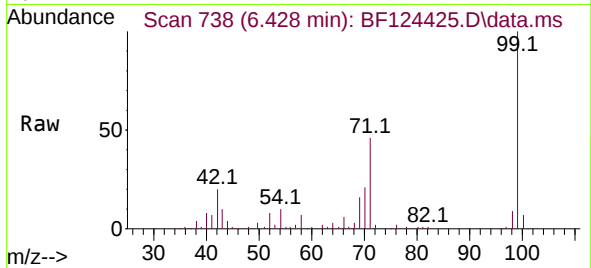




#7
Phenol-d6
Concen: 44.78 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124425.D
Acq: 22 Jun 2021 22:14

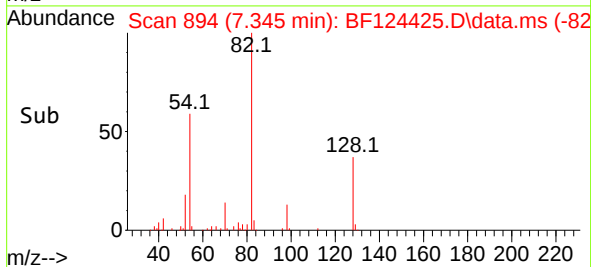
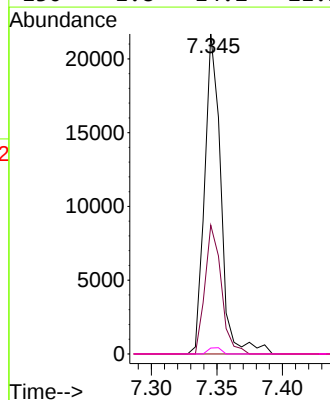
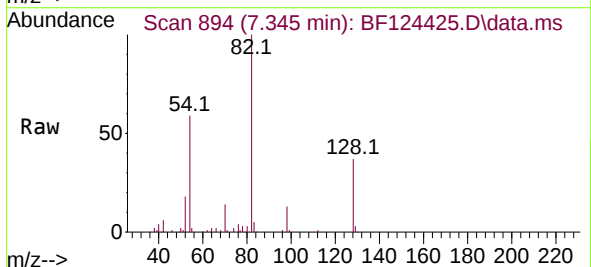
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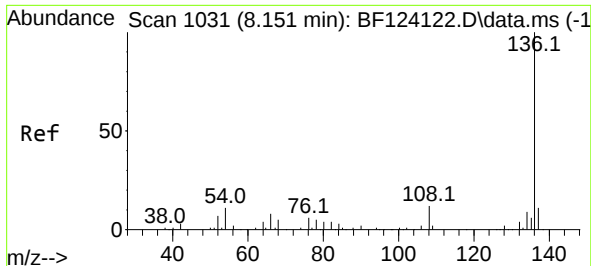
Tgt Ion: 99 Resp: 169406
Ion Ratio Lower Upper
99 100
42 19.9 19.8 29.8
71 46.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 7.02 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF124425.D
Acq: 22 Jun 2021 22:14

Tgt Ion: 70 Resp: 18740
Ion Ratio Lower Upper
70 100
42 40.3 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#

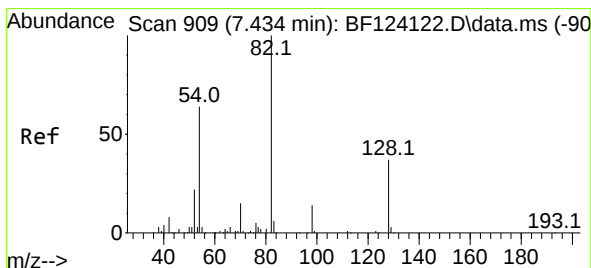
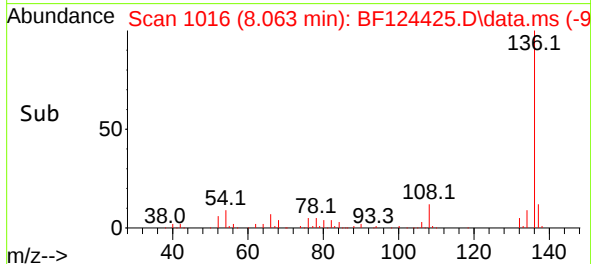
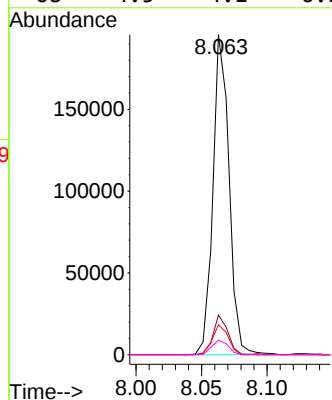
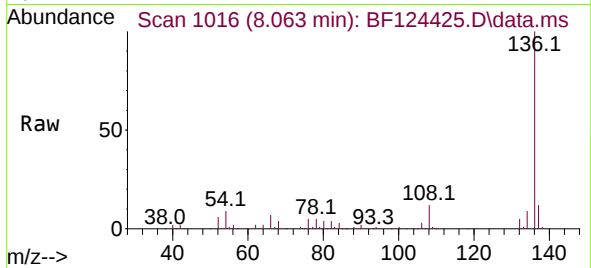




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124425.D
Acq: 22 Jun 2021 22:14

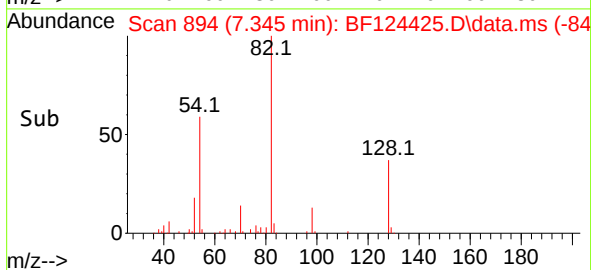
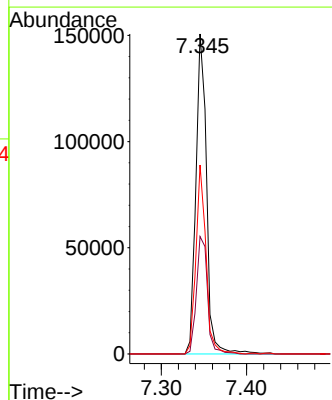
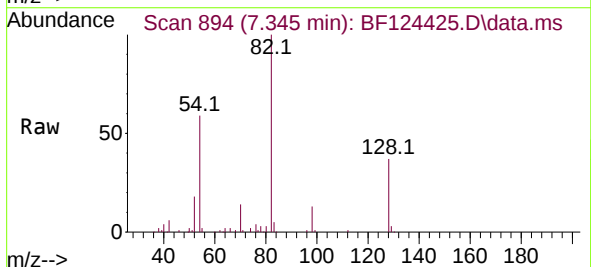
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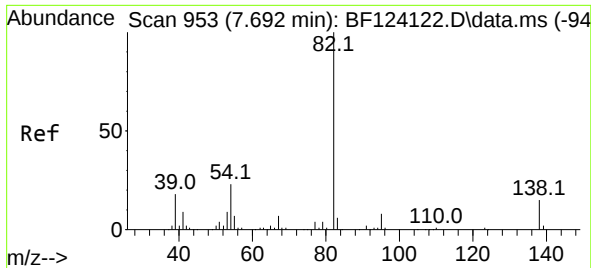
Tgt Ion:136	Resp: 167383
Ion Ratio	Lower Upper
136	100
137	12.4 8.7 13.1
54	9.4 9.8 14.6#
68	4.5 4.1 6.1



#23
Nitrobenzene-d5
Concen: 31.17 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF124425.D
Acq: 22 Jun 2021 22:14

Tgt Ion: 82	Resp: 131566
Ion Ratio	Lower Upper
82	100
128	36.7 29.4 44.2
54	59.1 54.1 81.1

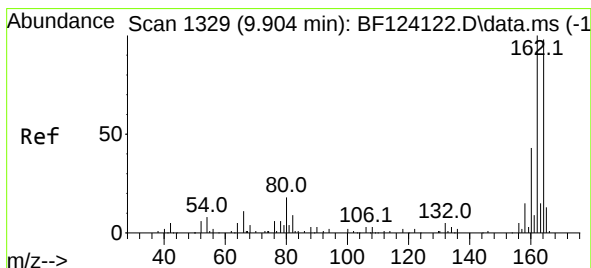
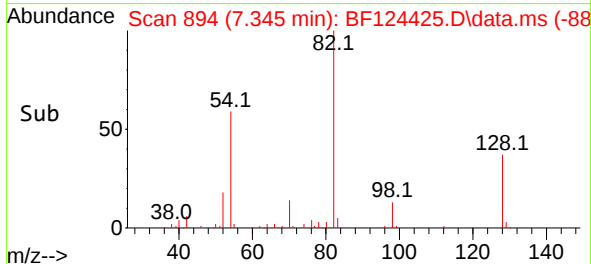
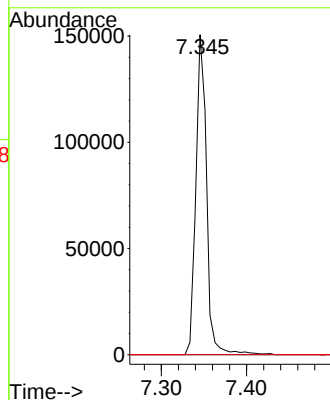
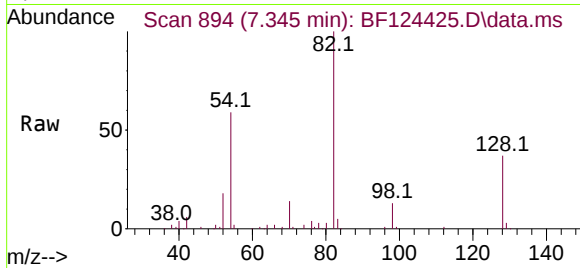




#25
Isophorone
Concen: 17.30 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF124425.D
Acq: 22 Jun 2021 22:14

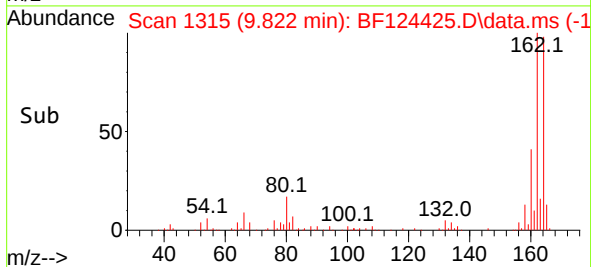
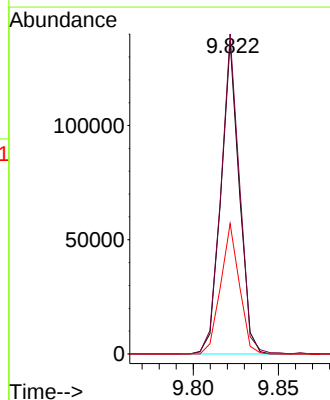
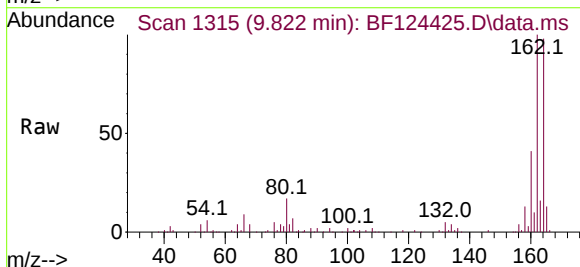
Instrument :
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ClientSampleId :
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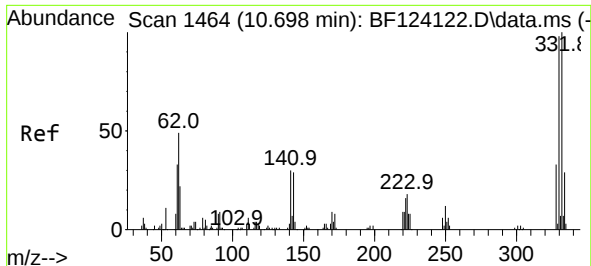
Tgt Ion: 82 Resp: 131566
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124425.D
Acq: 22 Jun 2021 22:14

Tgt Ion: 164 Resp: 102273
Ion Ratio Lower Upper
164 100
162 102.3 80.7 121.1
160 41.7 37.3 55.9

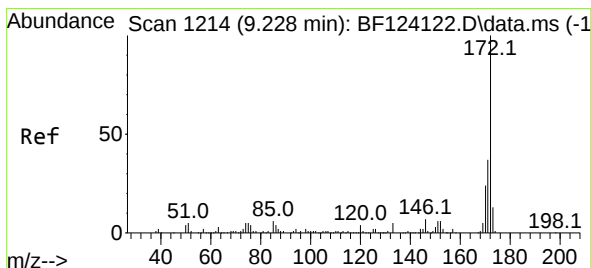
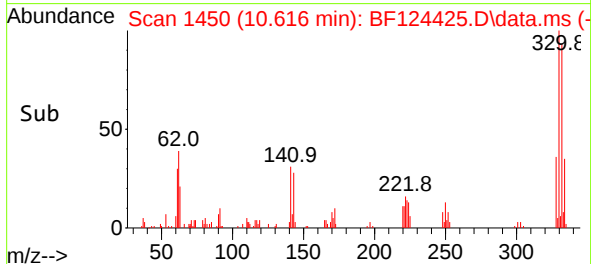
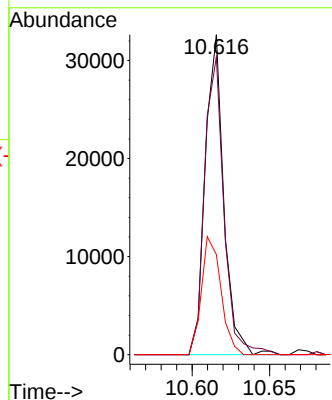
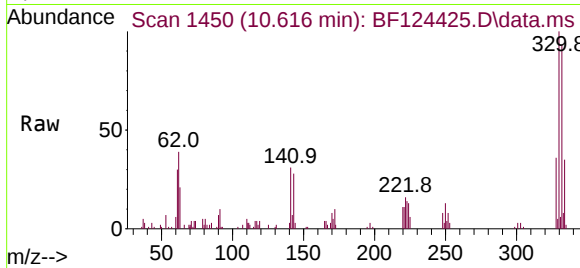




#42
2,4,6-Tribromophenol
Concen: 18.74 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124425.D
Acq: 22 Jun 2021 22:14

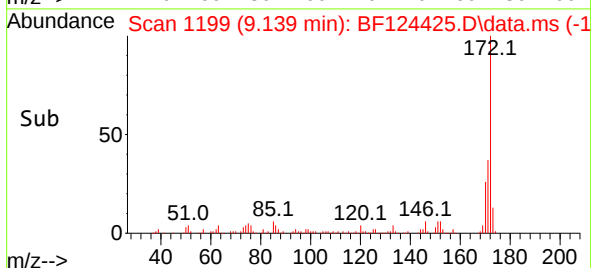
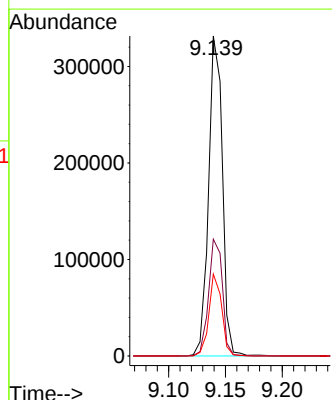
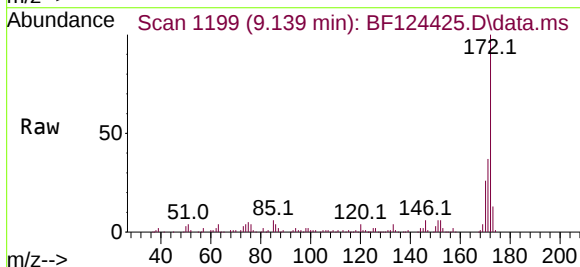
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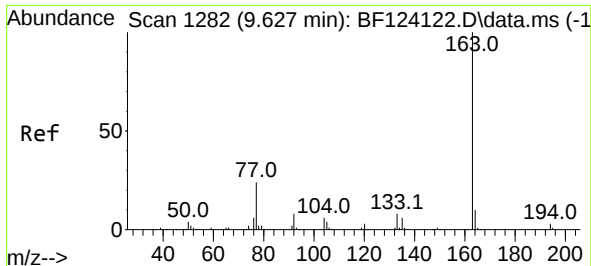
Tgt Ion: 330 Resp: 27147
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 38.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 34.37 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF124425.D
Acq: 22 Jun 2021 22:14

Tgt Ion: 172 Resp: 279338
Ion Ratio Lower Upper
172 100
171 36.5 28.1 42.1
170 25.6 19.2 28.8

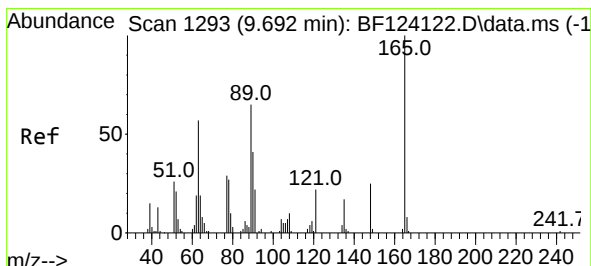
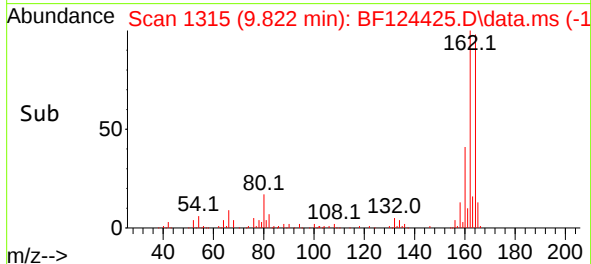
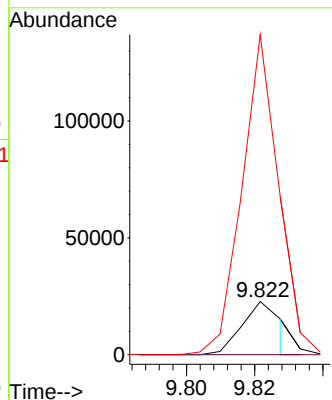
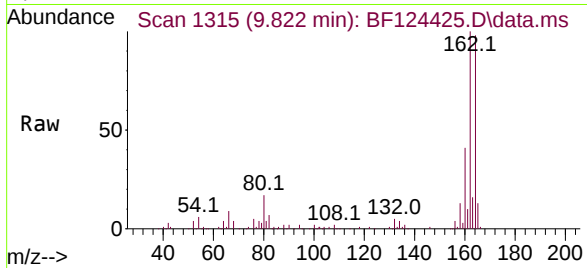




#50
Dimethylphthalate
Concen: 2.12 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124425.D
Acq: 22 Jun 2021 22:14

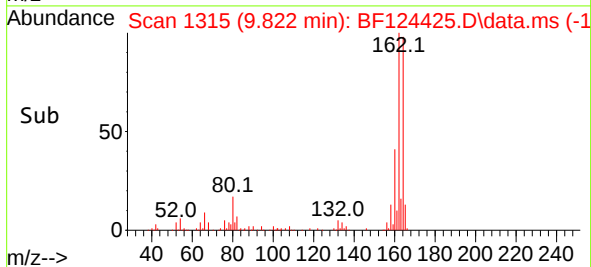
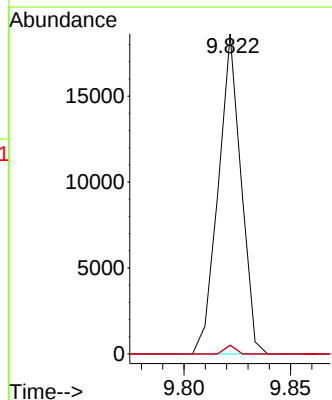
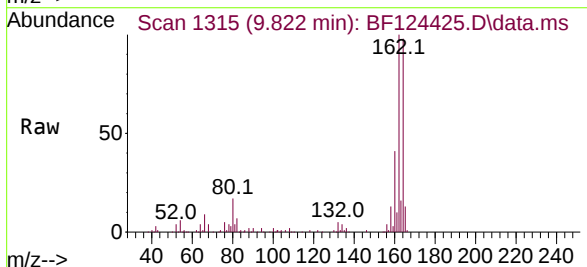
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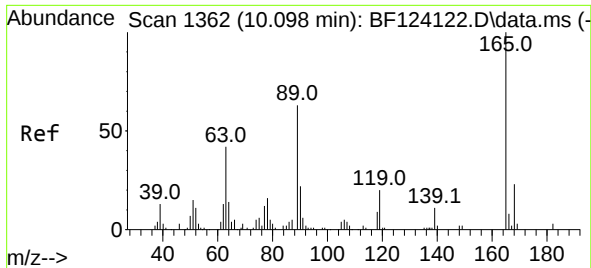
Tgt Ion:163 Resp: 17920
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 602.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.13 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124425.D
Acq: 22 Jun 2021 22:14

Tgt Ion:165 Resp: 13826
Ion Ratio Lower Upper
165 100
63 2.7 67.7 101.5#
89 2.8 58.8 88.2#

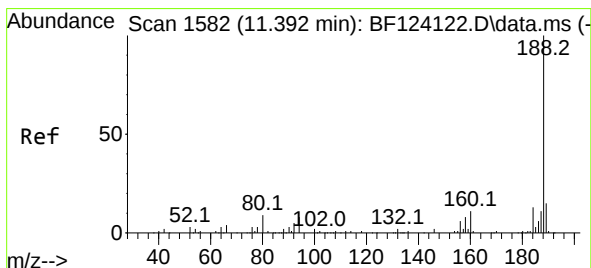
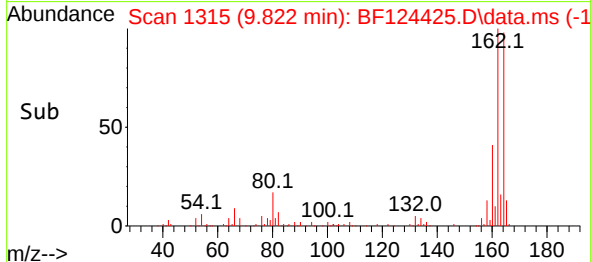
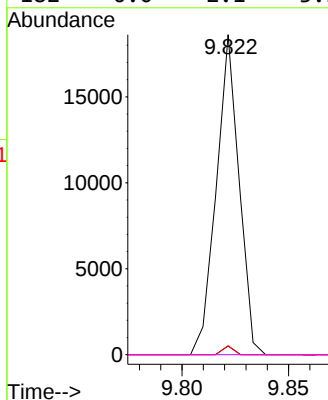
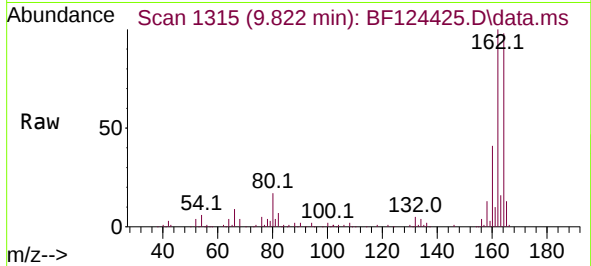




#57
2,4-Dinitrotoluene
Concen: 5.40 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124425.D
Acq: 22 Jun 2021 22:14

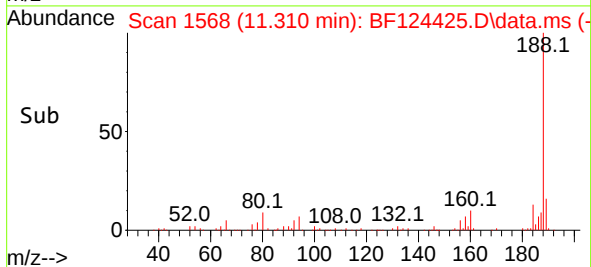
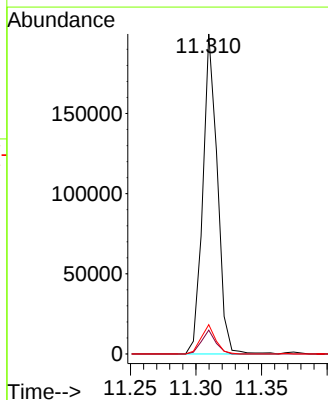
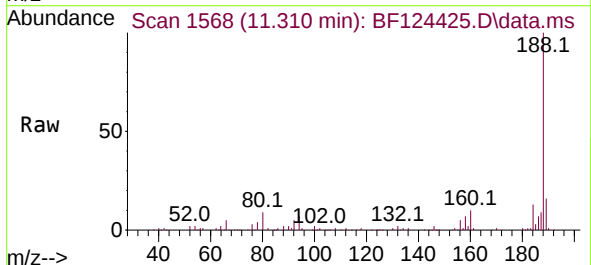
Instrument :
BNA_F
ClientSampleId :
BASEMENT-FLOORS

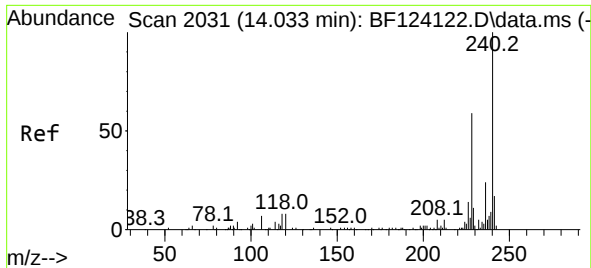
Tgt Ion:165	Resp:	13826
Ion Ratio	Lower	Upper
165	100	
63	2.7	43.5 65.3#
89	2.8	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124425.D
Acq: 22 Jun 2021 22:14

Tgt Ion:188	Resp:	154603
Ion Ratio	Lower	Upper
188	100	
94	7.4	6.9 10.3
80	9.2	8.2 12.2

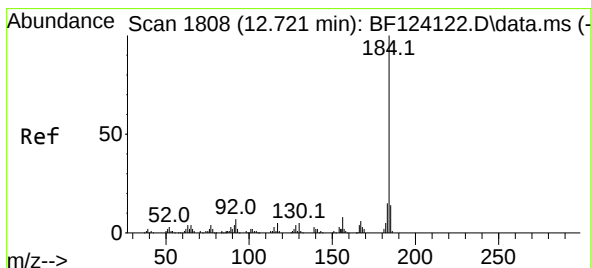
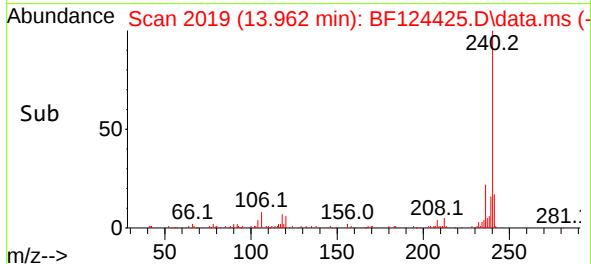
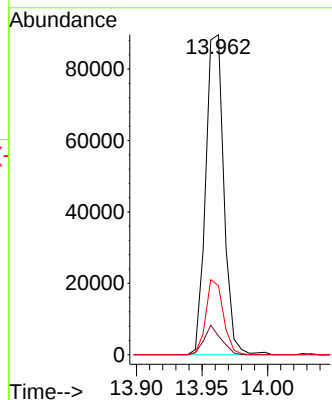
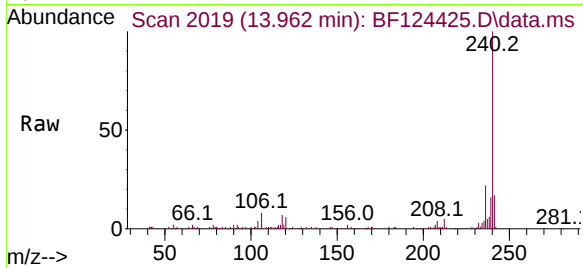




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF124425.D
Acq: 22 Jun 2021 22:14

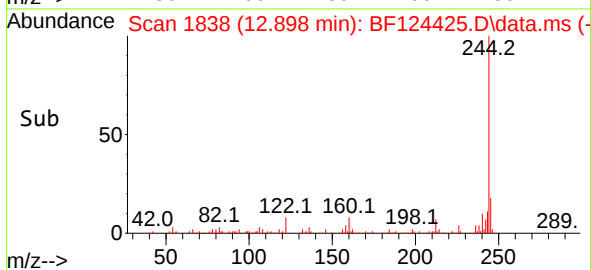
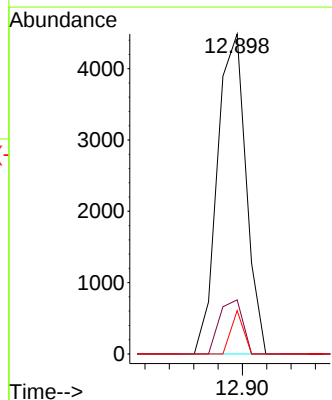
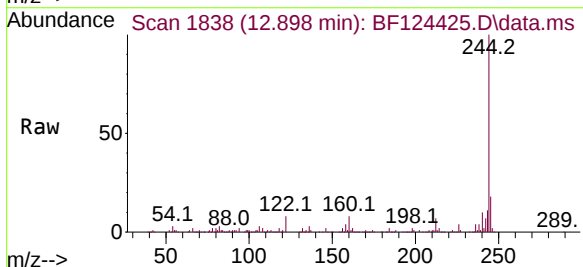
Instrument :
BNA_F
ClientSampleId :
BASEMENT-FLOORS

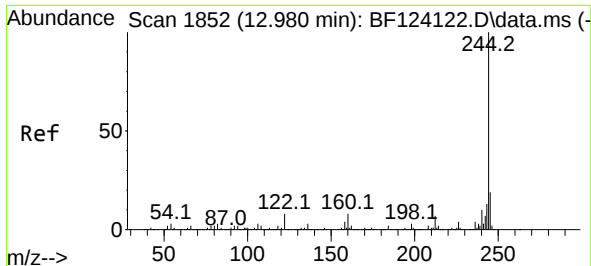
Tgt Ion:240 Resp: 86570
Ion Ratio Lower Upper
240 100
120 5.9 7.2 10.8#
236 21.5 19.0 28.4



#77
Benzidine
Concen: 5.72 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.200 min
Lab File: BF124425.D
Acq: 22 Jun 2021 22:14

Tgt Ion:184 Resp: 3664
Ion Ratio Lower Upper
184 100
185 16.9 12.1 18.1
183 13.6 7.8 11.8#

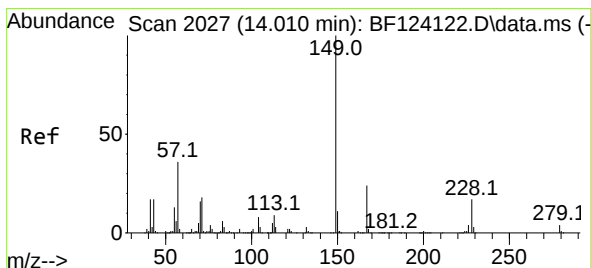
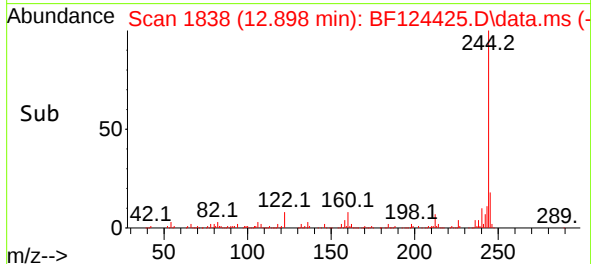
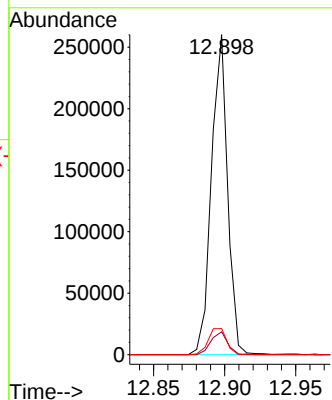
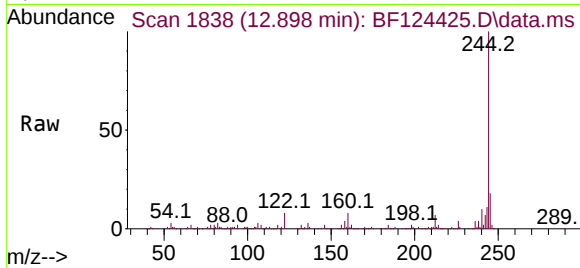




#79
 Terphenyl-d14
 Concen: 32.72 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF124425.D
 Acq: 22 Jun 2021 22:14

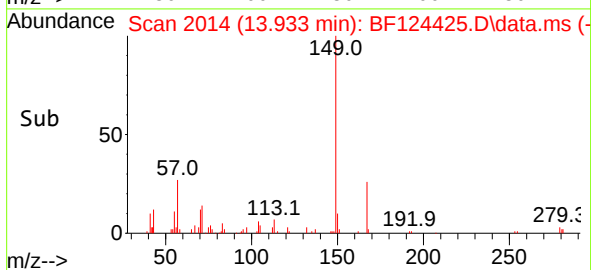
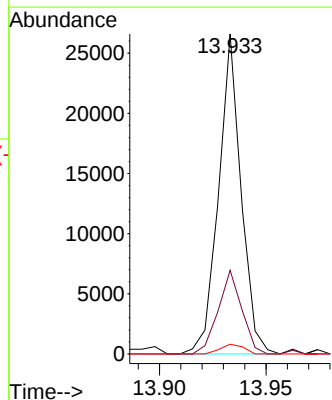
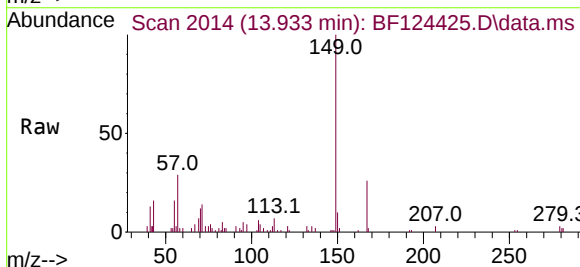
Instrument :
 BNA_F
 ClientSampleId :
 BASEMENT-FLOORS

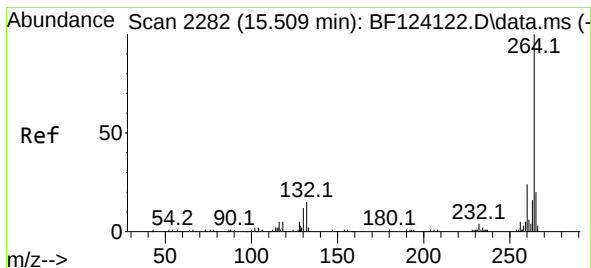
Tgt Ion:244 Resp: 206302
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 8.2 9.7 14.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.87 ng
 RT: 13.933 min Scan# 2014
 Delta R.T. -0.006 min
 Lab File: BF124425.D
 Acq: 22 Jun 2021 22:14

Tgt Ion:149 Resp: 19518
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.8 32.6
 279 3.0 3.3 4.9#

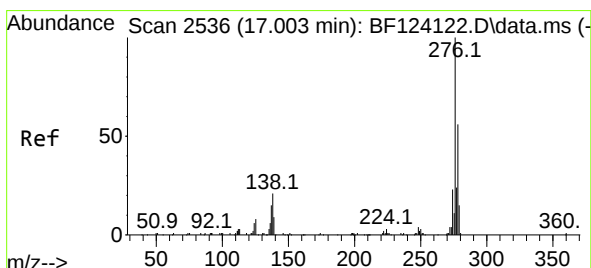
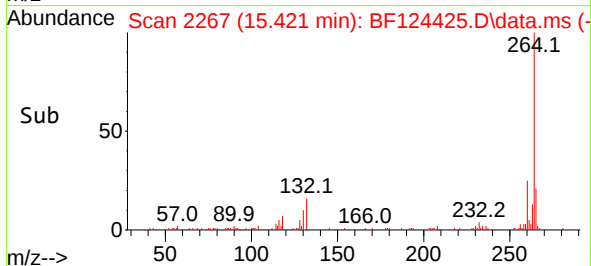
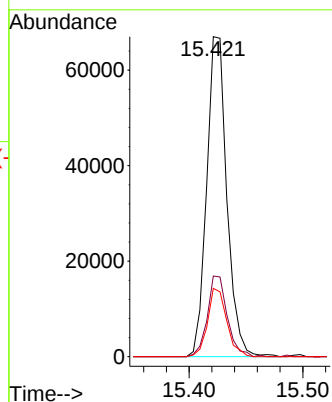
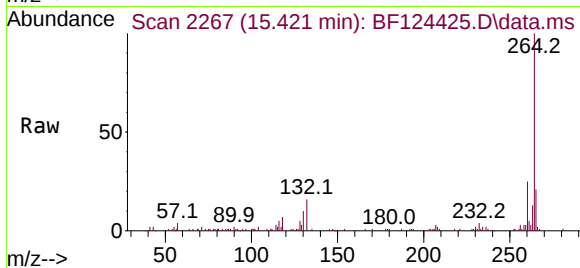




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF124425.D
Acq: 22 Jun 2021 22:14

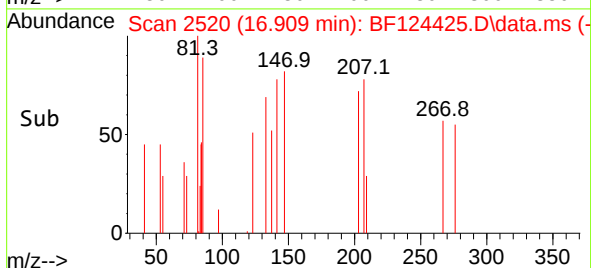
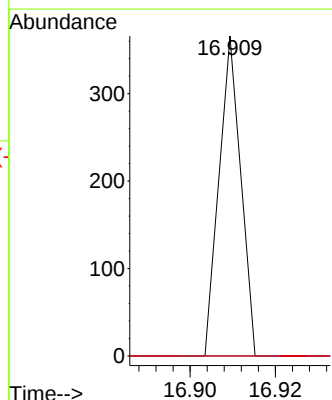
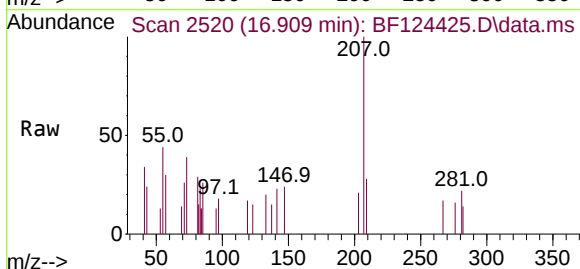
Instrument :
BNA_F
ClientSampleId :
BASEMENT-FLOORS

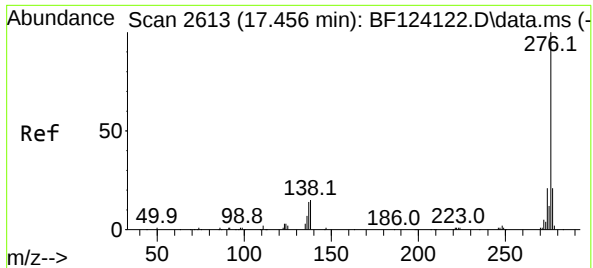
Tgt Ion:264 Resp: 82615
Ion Ratio Lower Upper
264 100
260 25.2 18.7 28.1
265 21.3 17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.35 ng
RT: 16.909 min Scan# 2520
Delta R.T. 0.035 min
Lab File: BF124425.D
Acq: 22 Jun 2021 22:14

Tgt Ion:276 Resp: 129
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 0.0 20.1 30.1#





#92
 Benzo(g,h,i)perylene
 Concen: 3.85 ng
 RT: 17.374 min Scan# 2599
 Delta R.T. 0.059 min
 Lab File: BF124425.D
 Acq: 22 Jun 2021 22:14

Instrument :
 BNA_F
 ClientSampleId :
 BASEMENT-FLOORS

Tgt Ion:	276	Resp:	247
Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.2	27.2#
138	0.0	13.8	20.6#

