

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124428.D
 Acq On : 22 Jun 2021 23:49
 Operator : JU/CG
 Sample : M2789-25
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2ND-FLOORS

Quant Time: Jun 23 02:52:17 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)

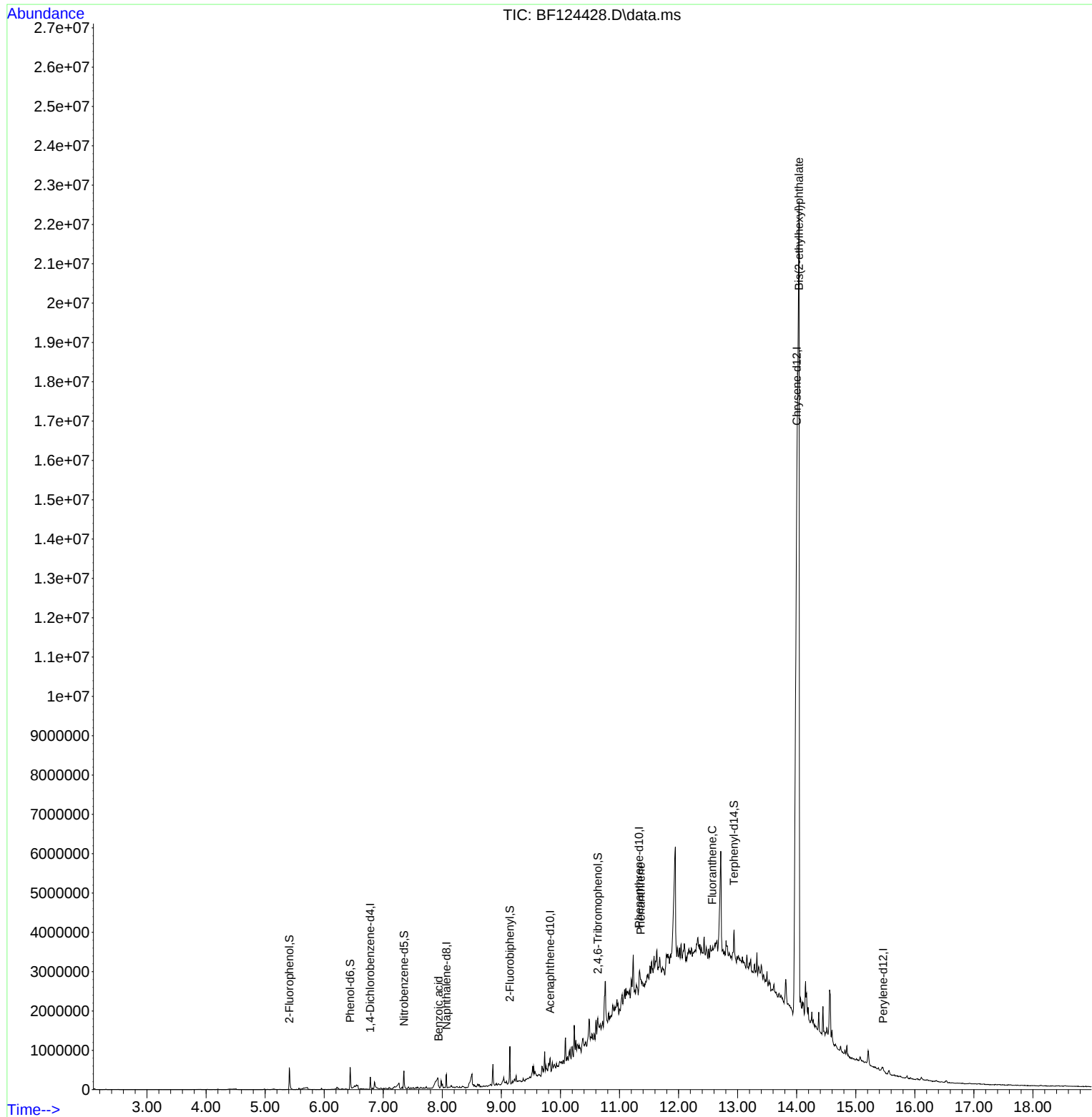
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	36152	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	124824	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	58513	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	95893	20.000	ng	# 0.02
76) Chrysene-d12	14.004	240	76318	20.000	ng	# 0.04
86) Perylene-d12	15.462	264	42963	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	141357	58.860	ng	0.00
7) Phenol-d6	6.440	99	166144	51.468	ng	0.00
23) Nitrobenzene-d5	7.351	82	127679	40.568	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	39505	47.654	ng	0.01
45) 2-Fluorobiphenyl	9.145	172	226831	48.782	ng	0.00
79) Terphenyl-d14	12.939	244	206953	37.231	ng	0.04
Target Compounds						
						Qvalue
32) Benzoic acid	7.939	122	5537	4.537	ng	93
71) Phenanthrene	11.357	178	81591	13.621	ng	# 90
75) Fluoranthene	12.569	202	18576	2.954	ng	# 37
84) Bis(2-ethylhexyl)phtha...	14.039	149	20446268	5781.730	ng	# 92

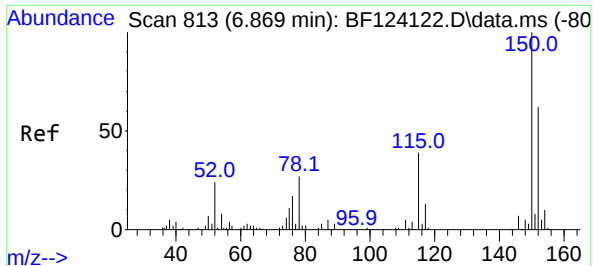
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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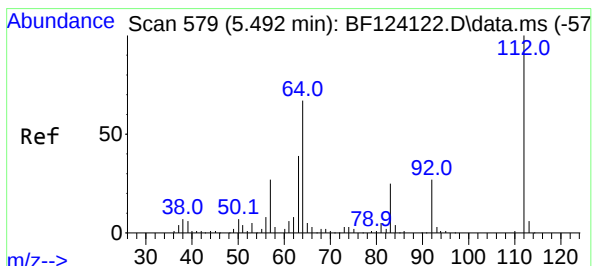
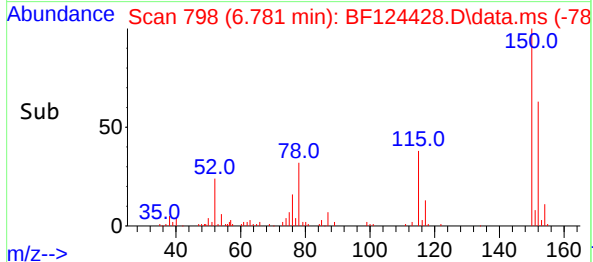
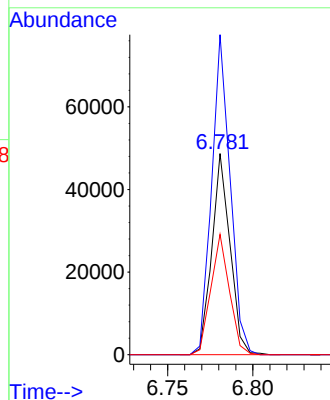
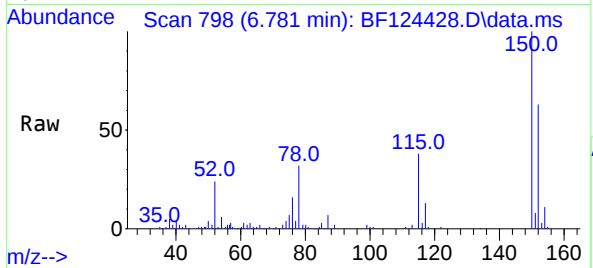




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

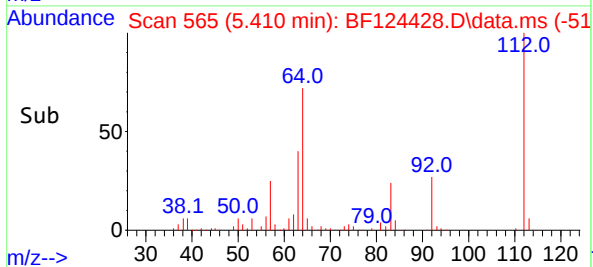
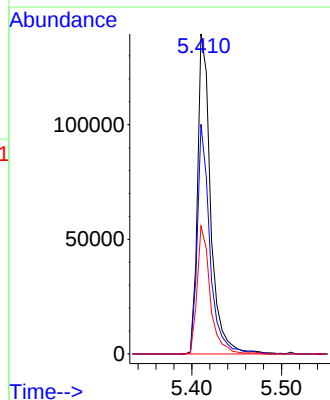
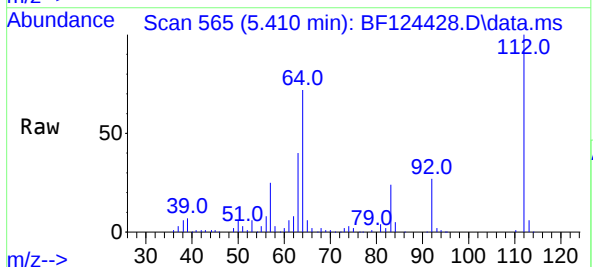
Instrument :
BNA_F
ClientSampleId :
2ND-FLOORS

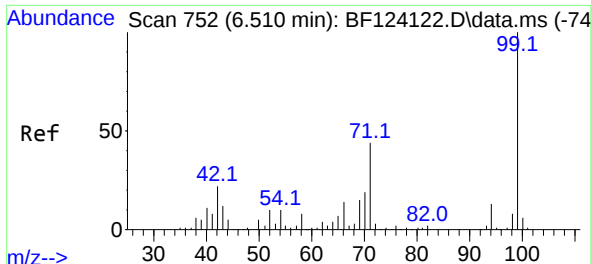
Tgt Ion:152 Resp: 36152
Ion Ratio Lower Upper
152 100
150 159.1 127.0 190.6
115 59.8 54.3 81.5



#5
2-Fluorophenol
Concen: 58.860 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Tgt Ion:112 Resp: 141357
Ion Ratio Lower Upper
112 100
64 71.8 61.4 92.0
63 39.9 33.0 49.4

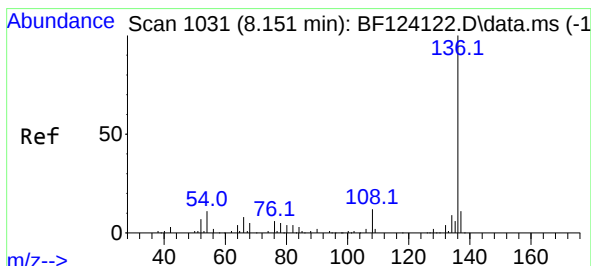
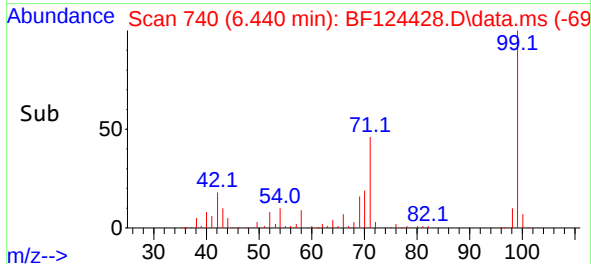
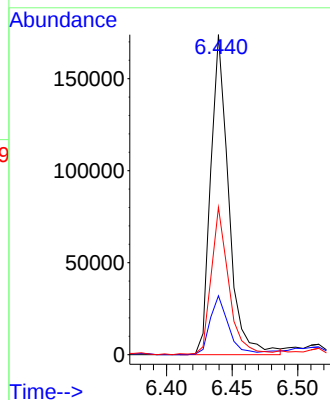
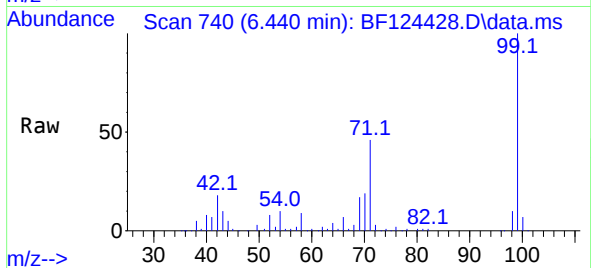




#7
Phenol-d6
Concen: 51.468 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

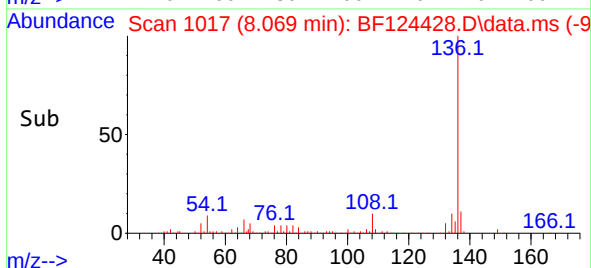
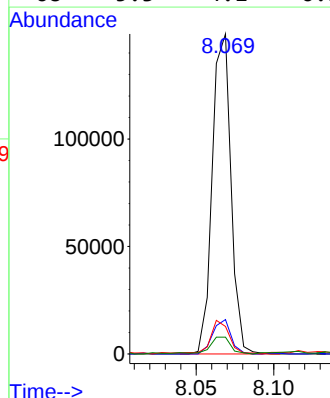
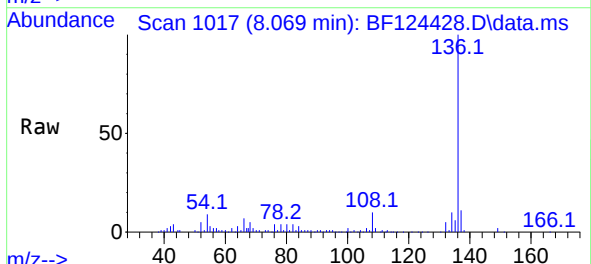
Instrument :
BNA_F
ClientSampled :
2ND-FLOORS

Tgt Ion: 99 Resp: 166144
Ion Ratio Lower Upper
99 100
42 18.4 19.8 29.8#
71 46.1 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Tgt Ion:136 Resp: 124824
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.6 9.8 14.6#
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 40.568 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF124428.D

Acq: 22 Jun 2021 23:49

Instrument :

BNA_F

ClientSampleId :

2ND-FLOORS

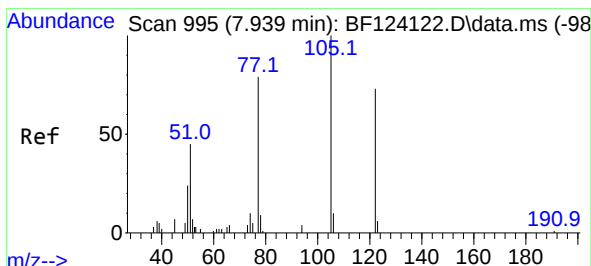
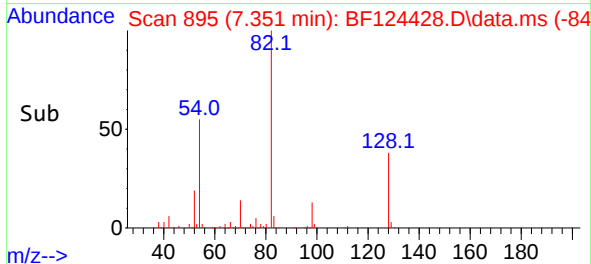
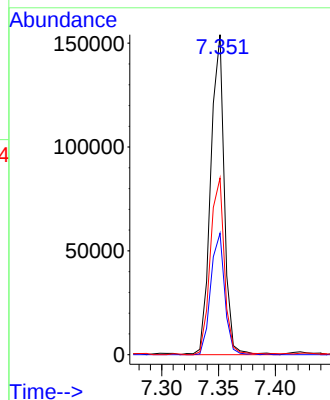
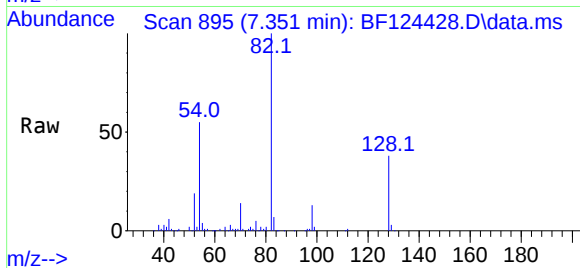
Tgt Ion: 82 Resp: 127679

Ion Ratio Lower Upper

82 100

128 38.0 29.4 44.2

54 55.2 54.1 81.1



#32

Benzoic acid

Concen: 4.537 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.059 min

Lab File: BF124428.D

Acq: 22 Jun 2021 23:49

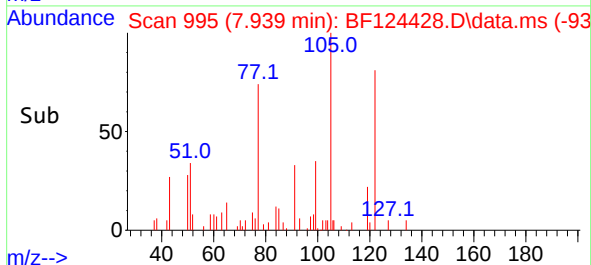
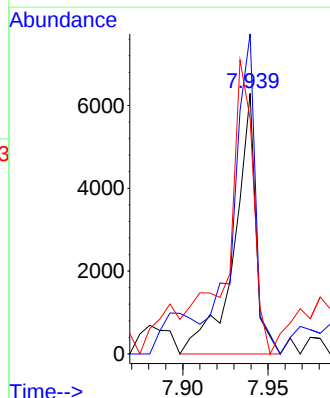
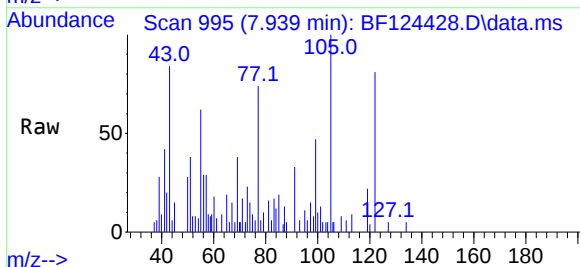
Tgt Ion: 122 Resp: 5537

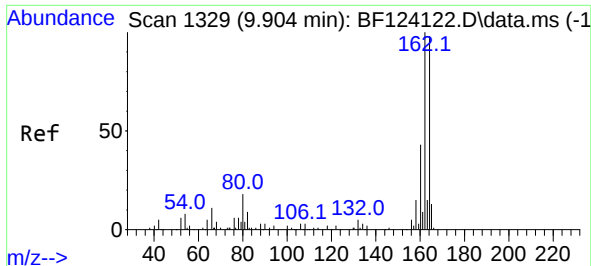
Ion Ratio Lower Upper

122 100

105 122.8 107.8 147.8

77 90.3 81.6 121.6

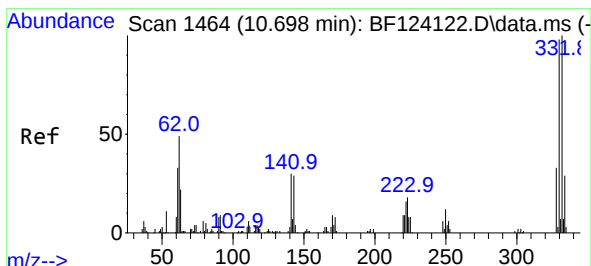
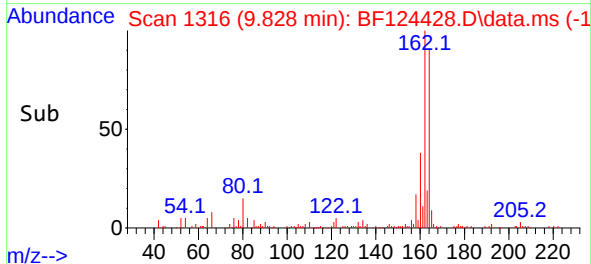
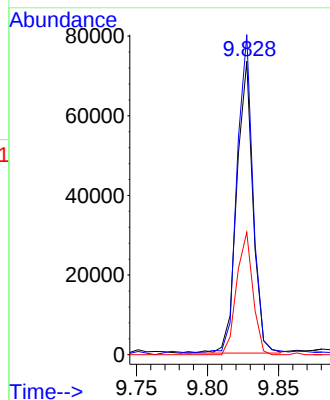
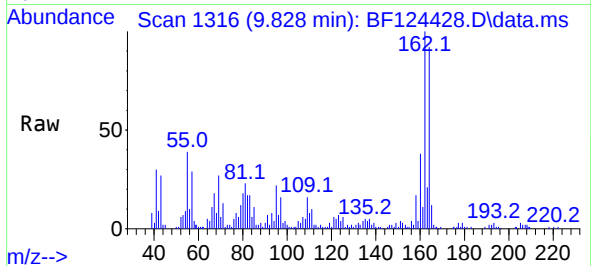




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

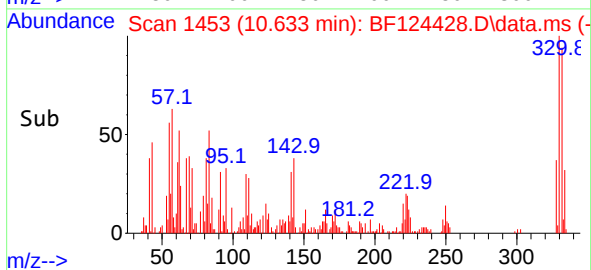
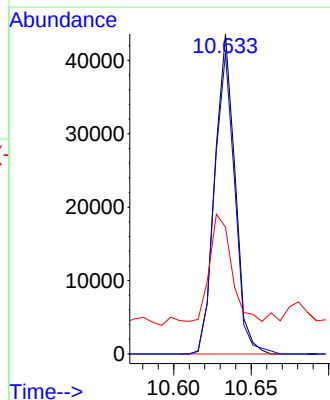
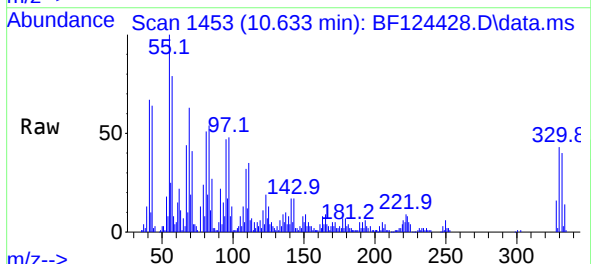
Instrument :
BNA_F
ClientSampleId :
2ND-FLOORS

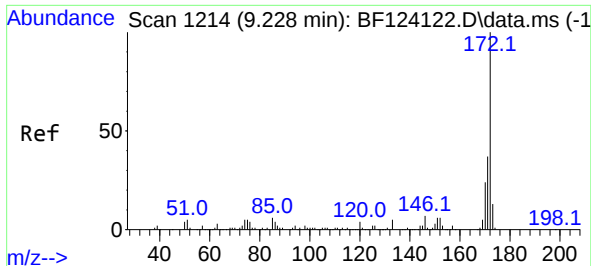
Tgt Ion:164 Resp: 58513
Ion Ratio Lower Upper
164 100
162 109.1 80.7 121.1
160 41.7 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 47.654 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.012 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Tgt Ion:330 Resp: 39505
Ion Ratio Lower Upper
330 100
332 94.5 77.1 115.7
141 41.5 27.9 41.9

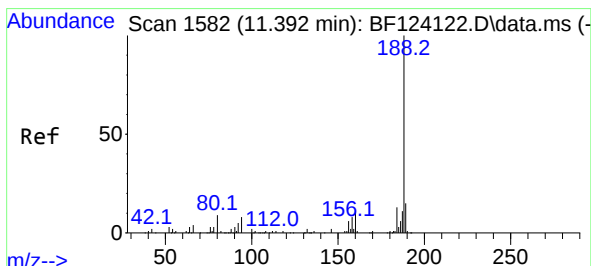
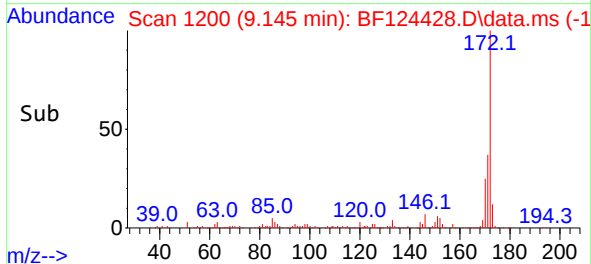
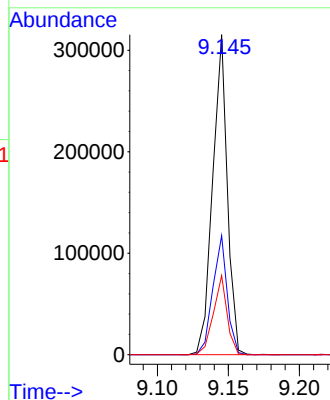
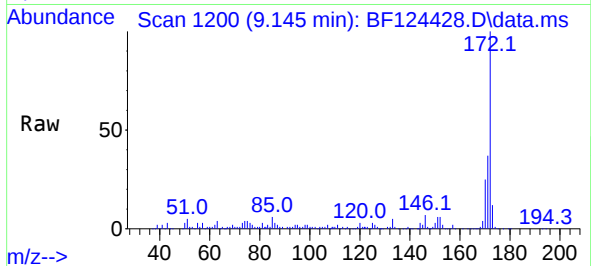




#45
2-Fluorobiphenyl
Concen: 48.782 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

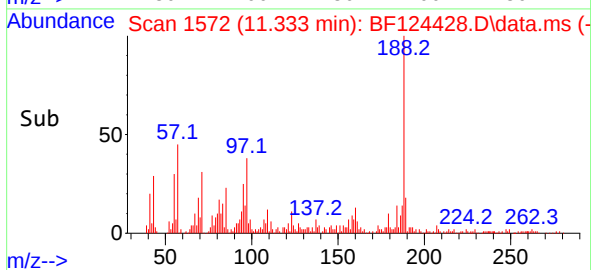
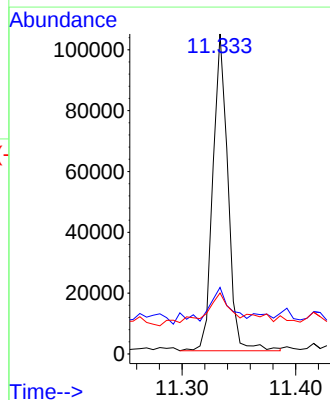
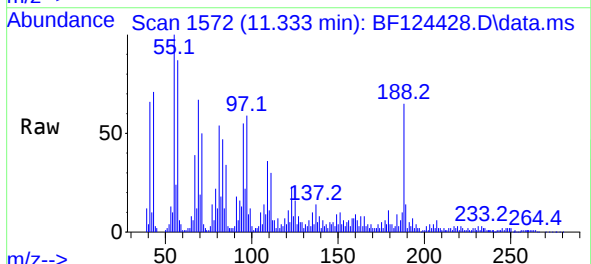
Instrument :
BNA_F
ClientSampleId :
2ND-FLOORS

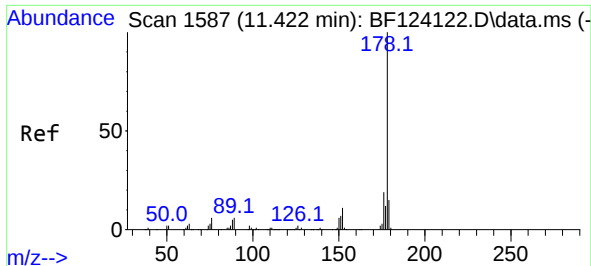
Tgt Ion:172 Resp: 226831
Ion Ratio Lower Upper
172 100
171 37.2 28.1 42.1
170 24.7 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.018 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Tgt Ion:188 Resp: 95893
Ion Ratio Lower Upper
188 100
94 20.8 6.9 10.3#
80 19.1 8.2 12.2#

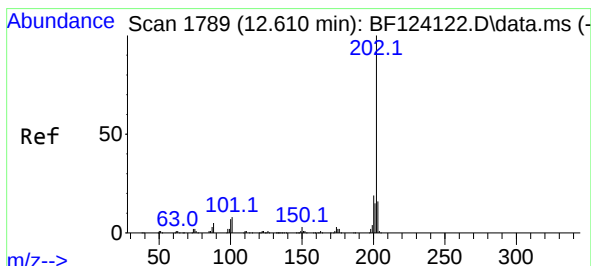
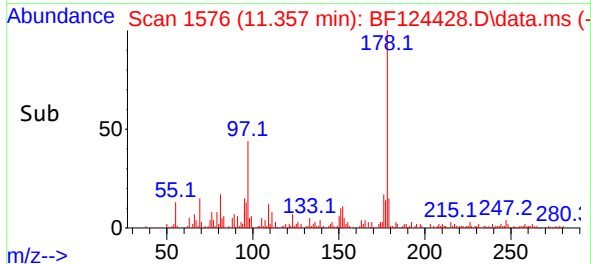
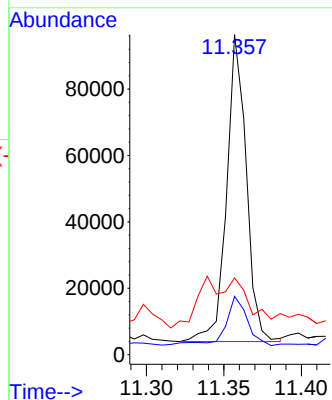
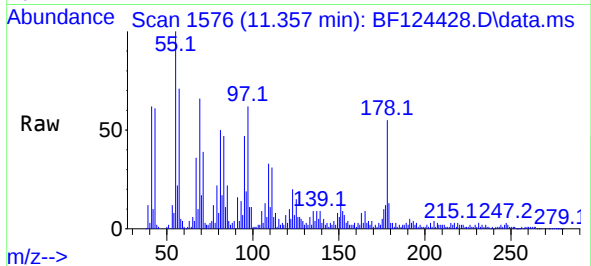




#71
Phenanthrene
Concen: 13.621 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.012 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

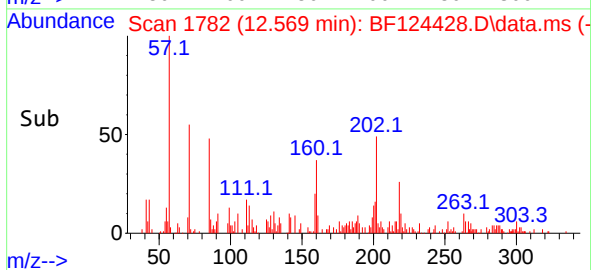
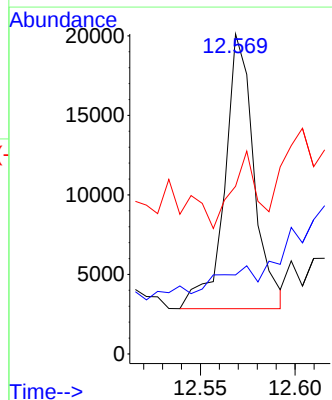
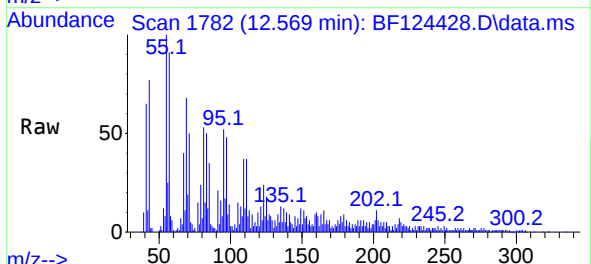
Instrument :
BNA_F
ClientSampleId :
2ND-FLOORS

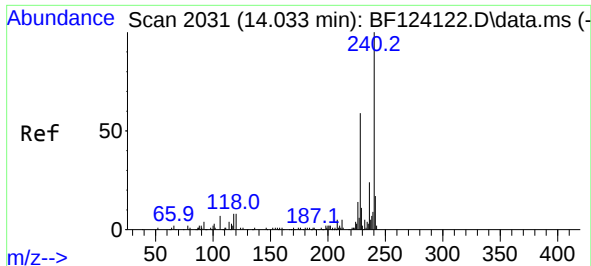
Tgt Ion:178 Resp: 81591
Ion Ratio Lower Upper
178 100
176 18.3 15.6 23.4
179 24.0 12.5 18.7#



#75
Fluoranthene
Concen: 2.954 ng
RT: 12.569 min Scan# 1782
Delta R.T. 0.035 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Tgt Ion:202 Resp: 18576
Ion Ratio Lower Upper
202 100
101 24.7 0.0 30.9
203 52.4 0.0 37.5#

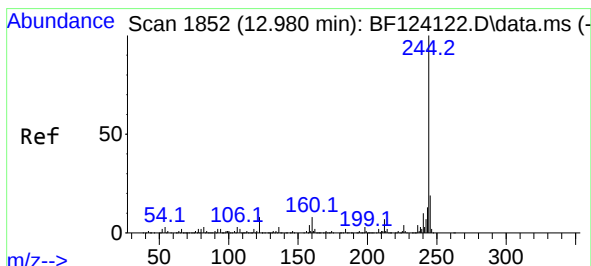
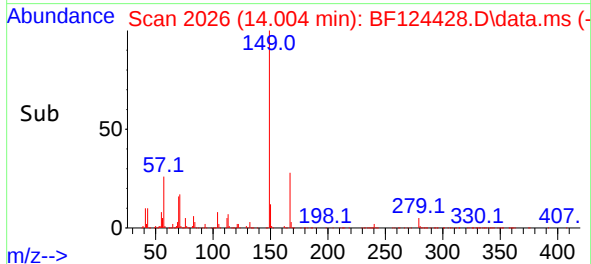
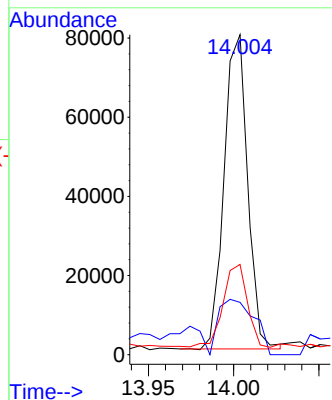
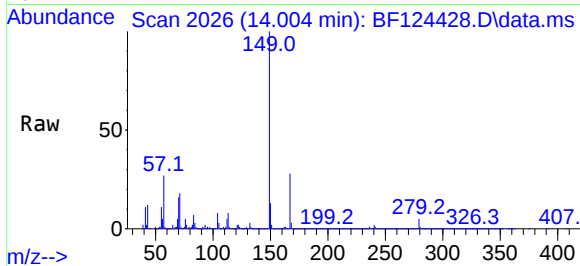




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.041 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

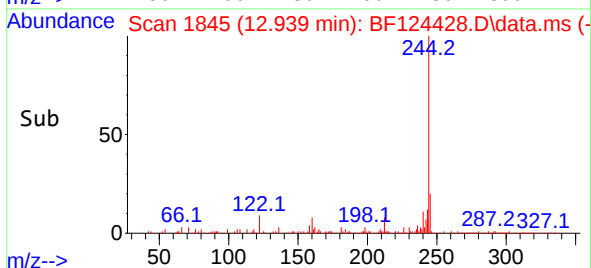
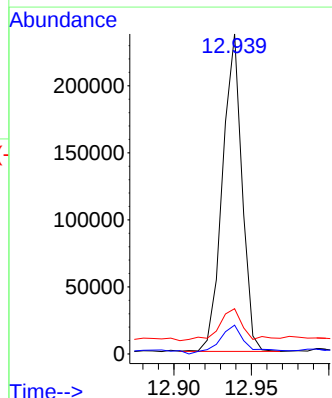
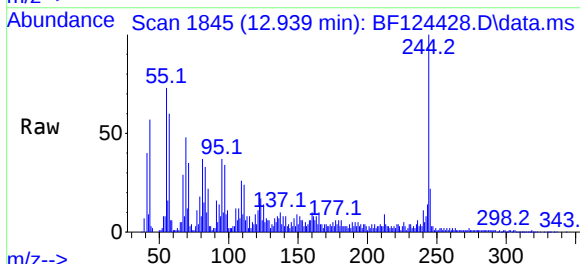
Instrument :
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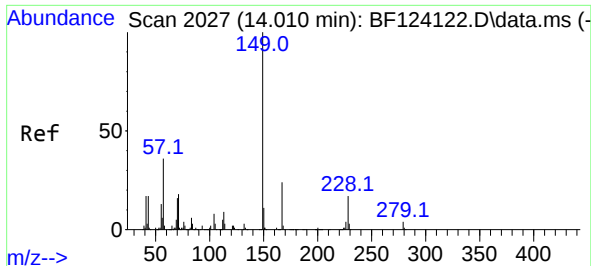
Tgt Ion:240 Resp: 76318
Ion Ratio Lower Upper
240 100
120 16.3 7.2 10.8#
236 28.2 19.0 28.4



#79
Terphenyl-d14
Concen: 37.231 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.035 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Tgt Ion:244 Resp: 206953
Ion Ratio Lower Upper
244 100
212 9.0 5.7 8.5#
122 14.2 9.7 14.5

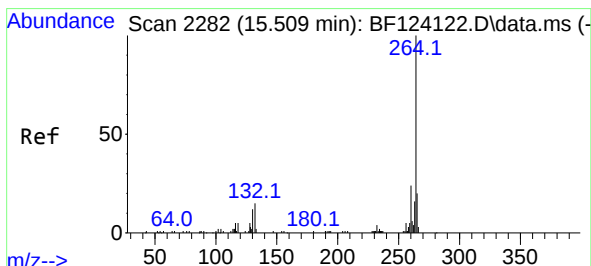
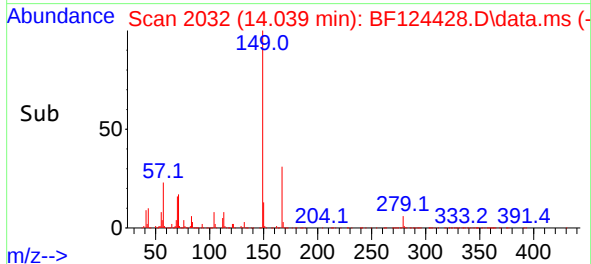
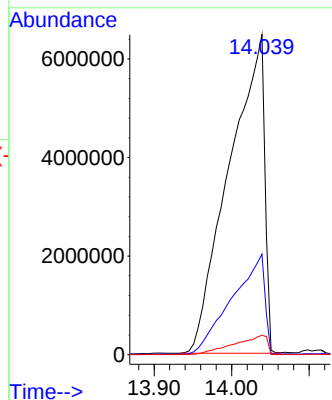
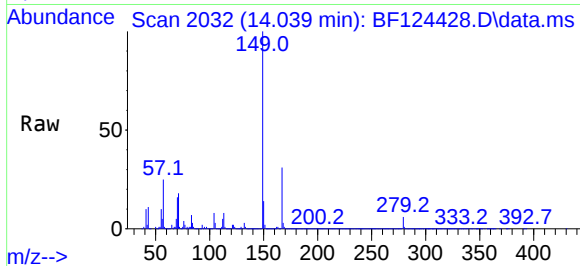




#84
Bis(2-ethylhexyl)phthalate
Concen: 5781.730 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.100 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Instrument :
BNA_F
ClientSampleId :
2ND-FLOORS

Tgt Ion:149 Resp:20446268
Ion Ratio Lower Upper
149 100
167 31.4 21.8 32.6
279 6.0 3.3 4.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. 0.047 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Tgt Ion:264 Resp: 42963
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 23.9 17.8 26.8

