

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132182.D
 Acq On : 21 Jan 2023 02:33
 Operator : CG\JU
 Sample : 01233-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P38C

Quant Time: Jan 21 03:59:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

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

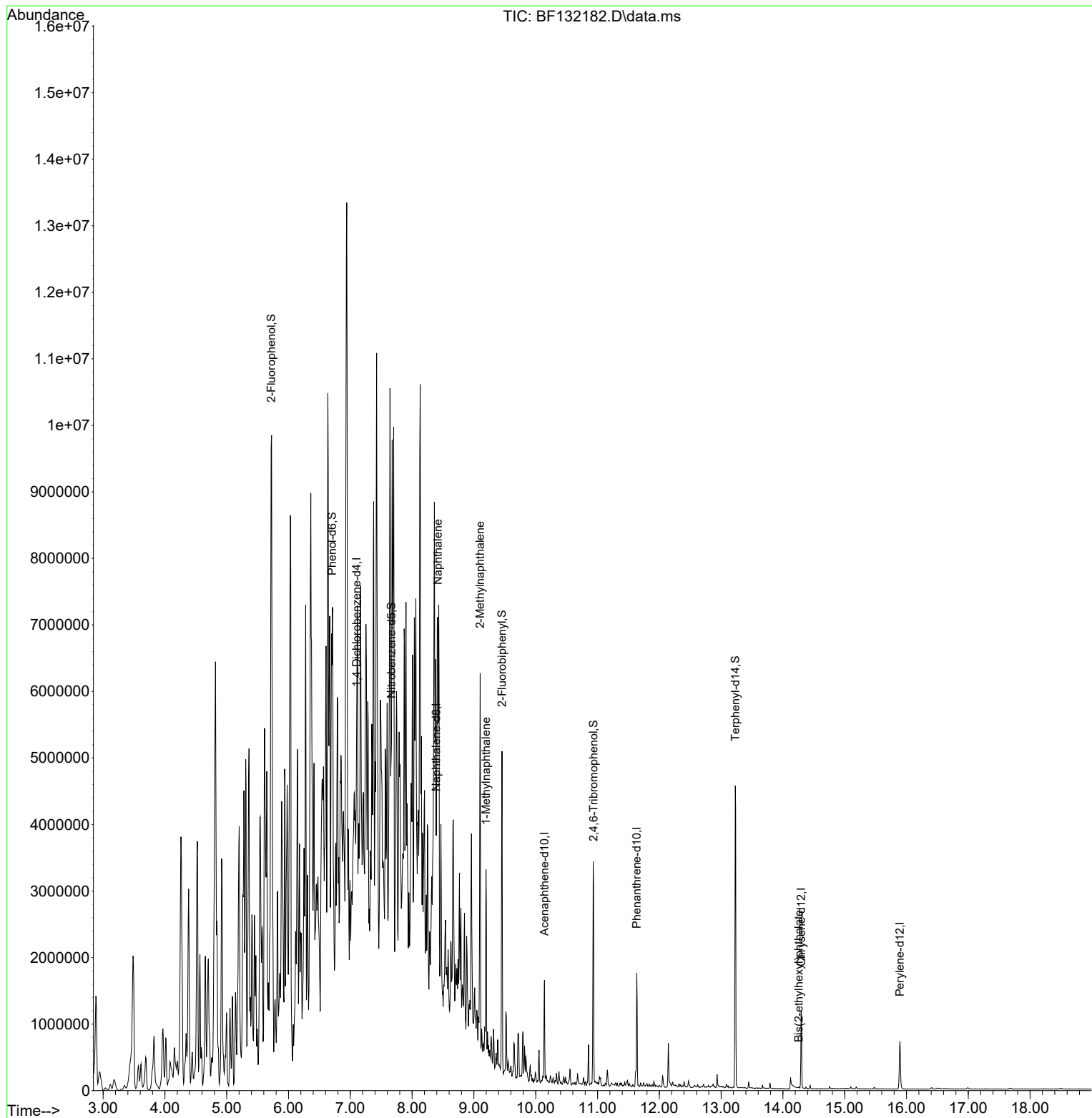
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.101	152	95858	20.000	ng	0.01
21) Naphthalene-d8	8.389	136	389884	20.000	ng	# 0.01
39) Acenaphthene-d10	10.142	164	294398	20.000	ng	0.00
64) Phenanthrene-d10	11.636	188	605609	20.000	ng	0.00
76) Chrysene-d12	14.295	240	411820	20.000	ng	#-0.01
86) Perylene-d12	15.895	264	355739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.719	112	621178	113.201	ng	0.01
7) Phenol-d6	6.707	99	851243	123.233	ng	0.00
23) Nitrobenzene-d5	7.666	82	709237	96.636	ng	0.01
42) 2,4,6-Tribromophenol	10.936	330	422138	134.241	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1310324	65.037	ng	0.00
79) Terphenyl-d14	13.230	244	1683122	68.462	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.419	128	2356250	117.674	ng	98
37) 2-Methylnaphthalene	9.101	142	1529697	110.959	ng	100
38) 1-Methylnaphthalene	9.195	142	672957	52.462	ng	97
84) Bis(2-ethylhexyl)phtha...	14.260	149	5431	3.796	ng	92

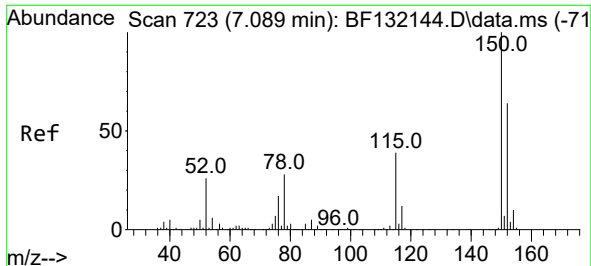
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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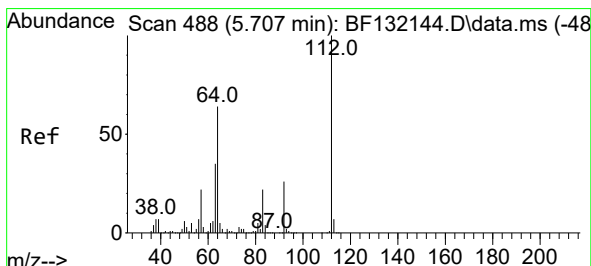
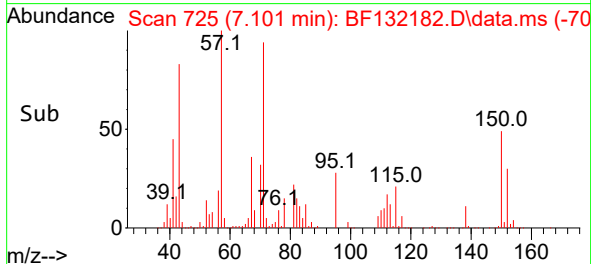
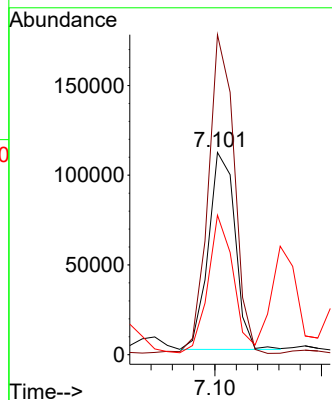
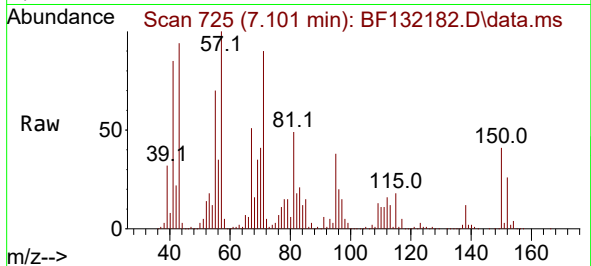




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.101 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF132182.D
Acq: 21 Jan 2023 02:33

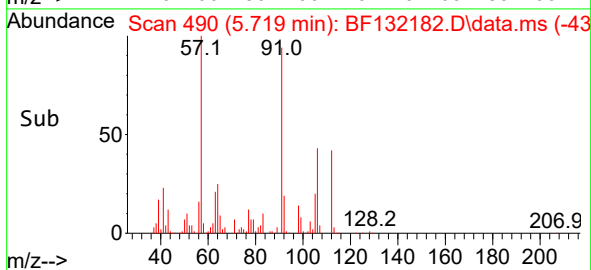
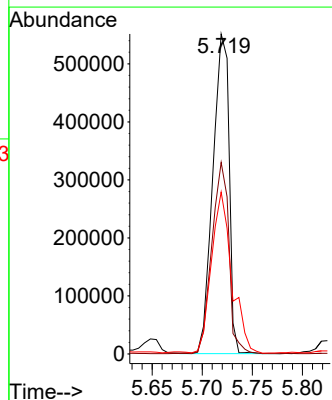
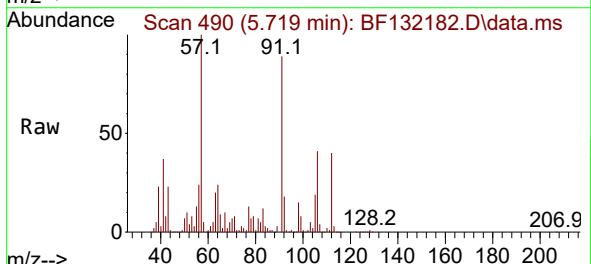
Instrument :
BNA_F
ClientSampleId :
B-P38C

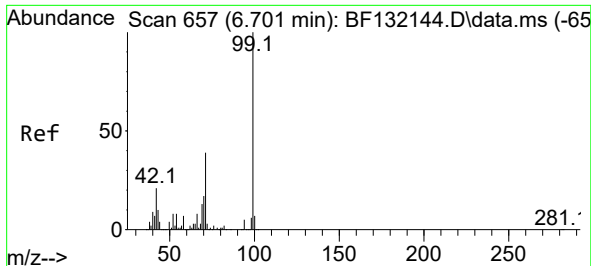
Tgt Ion:152 Resp: 95858
Ion Ratio Lower Upper
152 100
150 158.2 125.8 188.8
115 69.0 49.2 73.8



#5
2-Fluorophenol
Concen: 113.201 ng
RT: 5.719 min Scan# 490
Delta R.T. 0.012 min
Lab File: BF132182.D
Acq: 21 Jan 2023 02:33

Tgt Ion:112 Resp: 621178
Ion Ratio Lower Upper
112 100
64 59.8 51.4 77.0
63 50.6 28.2 42.2#

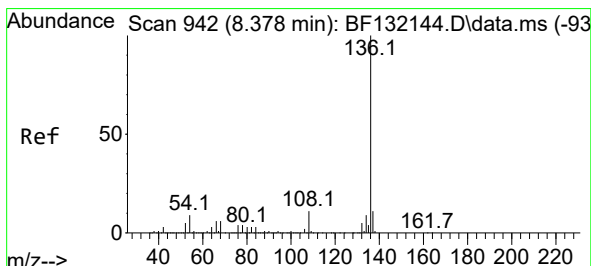
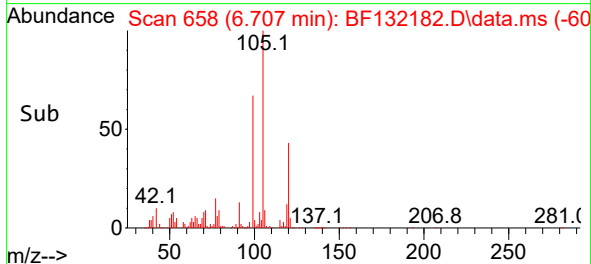
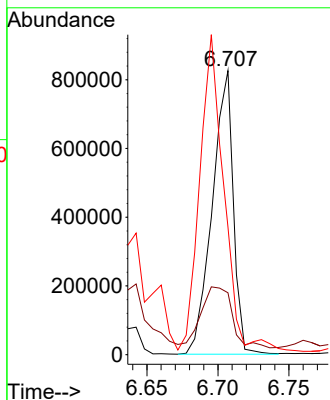
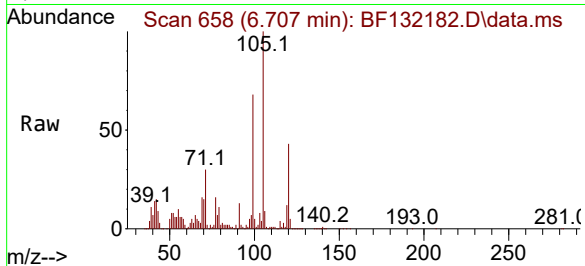




#7
Phenol-d6
Concen: 123.233 ng
RT: 6.707 min Scan# 657
Delta R.T. 0.006 min
Lab File: BF132182.D
Acq: 21 Jan 2023 02:33

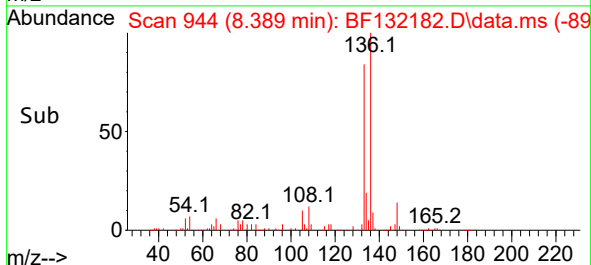
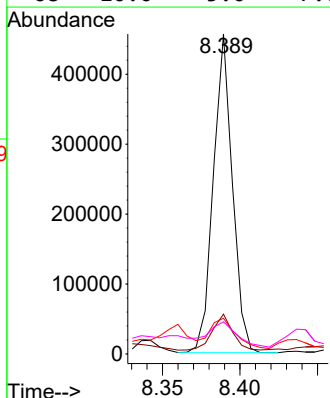
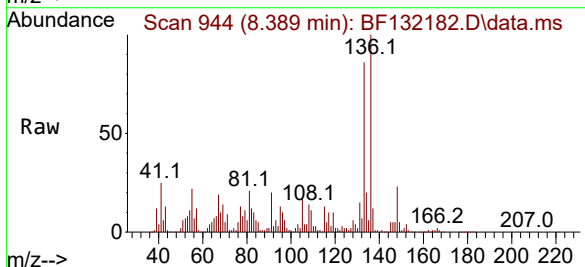
Instrument :
BNA_F
ClientSampleId :
B-P38C

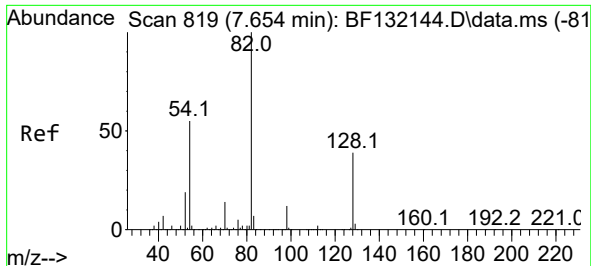
Tgt Ion: 99 Resp: 851243
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 44.9 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.389 min Scan# 944
Delta R.T. 0.011 min
Lab File: BF132182.D
Acq: 21 Jan 2023 02:33

Tgt Ion: 136 Resp: 389884
Ion Ratio Lower Upper
136 100
137 12.4 8.9 13.3
54 11.1 7.0 10.6#
68 10.0 5.0 7.6#

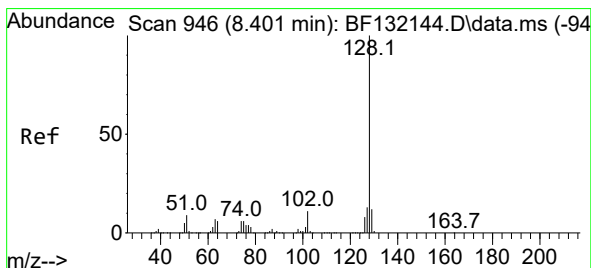
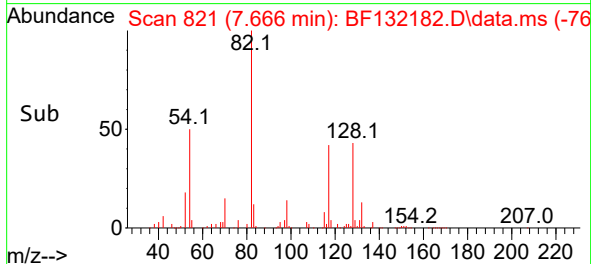
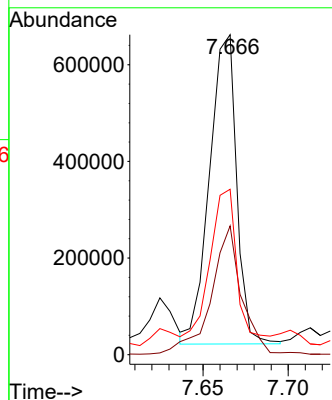
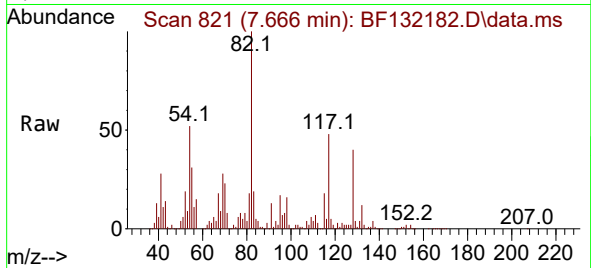




#23
Nitrobenzene-d5
Concen: 96.636 ng
RT: 7.666 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF132182.D
Acq: 21 Jan 2023 02:33

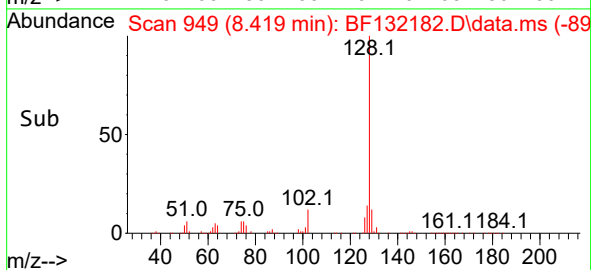
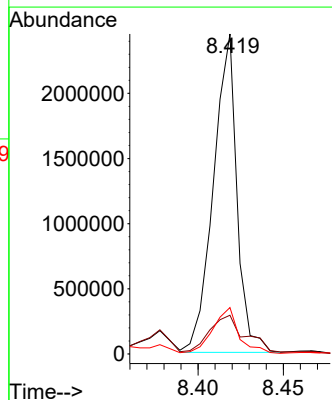
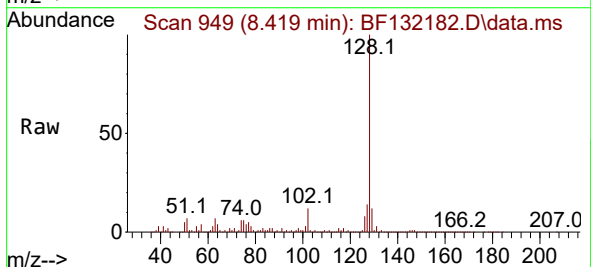
Instrument :
BNA_F
ClientSampleId :
B-P38C

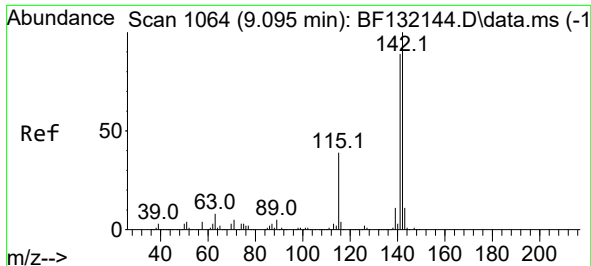
Tgt Ion: 82 Resp: 709237
Ion Ratio Lower Upper
82 100
128 40.2 31.1 46.7
54 51.7 43.9 65.9



#31
Naphthalene
Concen: 117.674 ng
RT: 8.419 min Scan# 949
Delta R.T. 0.018 min
Lab File: BF132182.D
Acq: 21 Jan 2023 02:33

Tgt Ion:128 Resp: 2356250
Ion Ratio Lower Upper
128 100
129 12.1 9.3 13.9
127 14.5 10.6 15.8

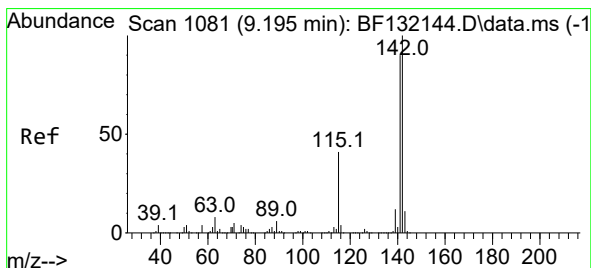
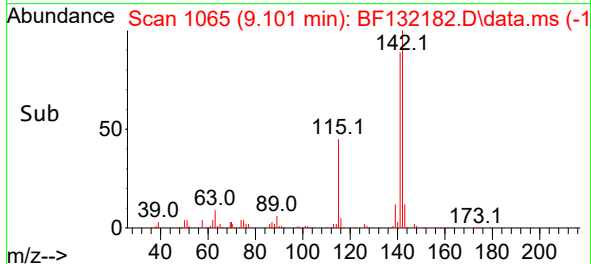
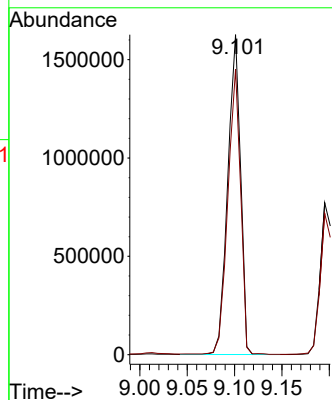
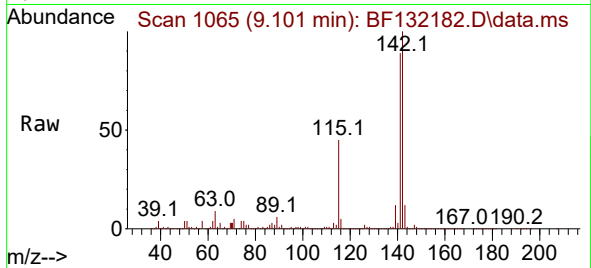




#37
2-Methylnaphthalene
Concen: 110.959 ng
RT: 9.101 min Scan# 1065
Delta R.T. 0.006 min
Lab File: BF132182.D
Acq: 21 Jan 2023 02:33

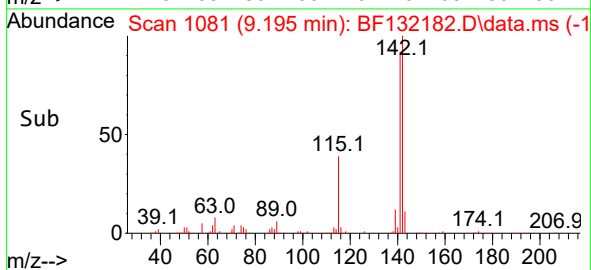
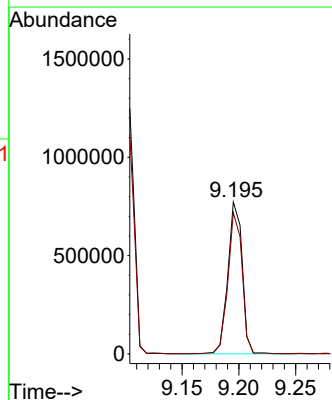
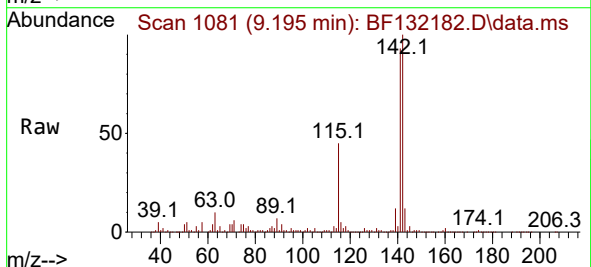
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ClientSampleId :
B-P38C

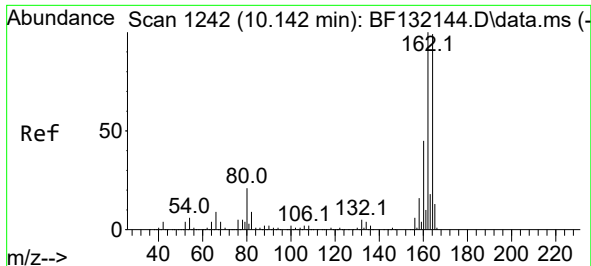
Tgt Ion:142 Resp: 1529697
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7



#38
1-Methylnaphthalene
Concen: 52.462 ng
RT: 9.195 min Scan# 1081
Delta R.T. 0.000 min
Lab File: BF132182.D
Acq: 21 Jan 2023 02:33

Tgt Ion:142 Resp: 672957
Ion Ratio Lower Upper
142 100
141 93.0 72.1 108.1

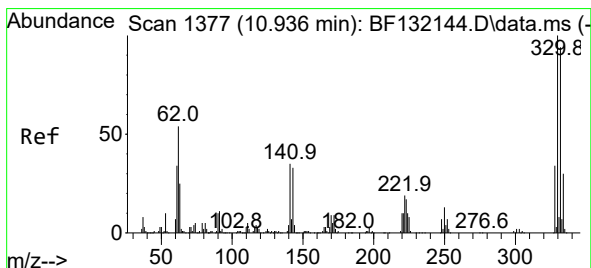
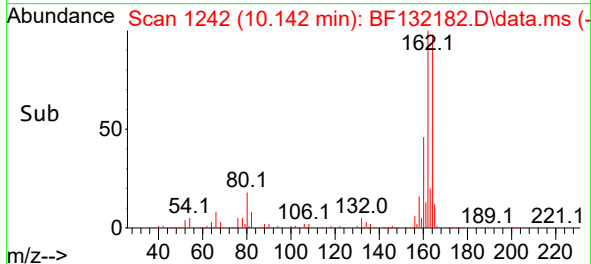
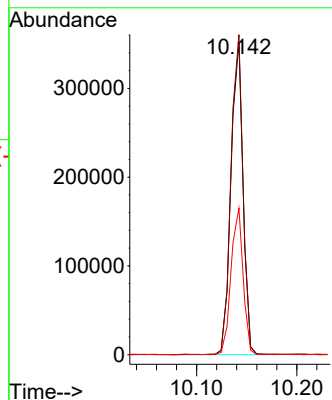
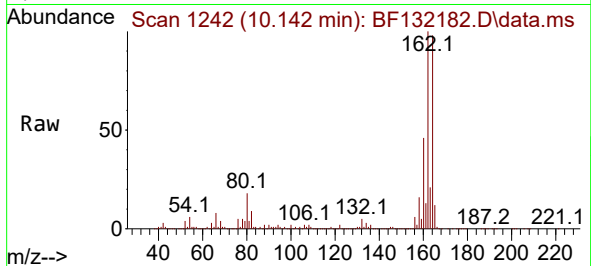




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.142 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF132182.D
Acq: 21 Jan 2023 02:33

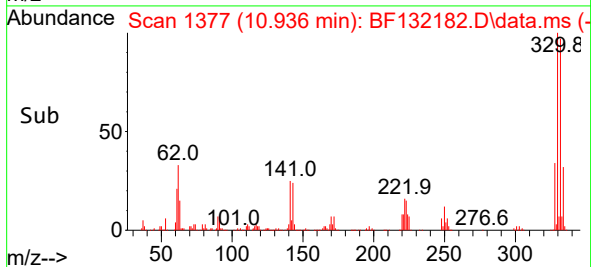
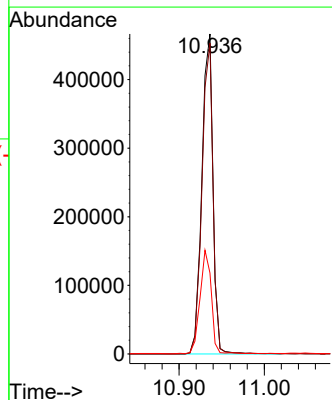
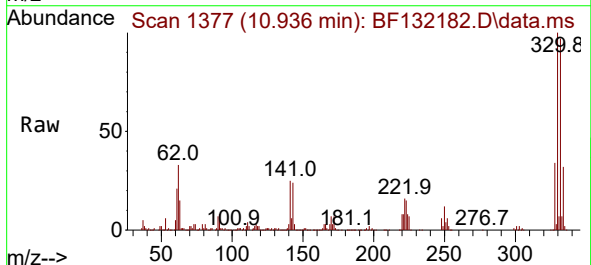
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ClientSampleId :
B-P38C

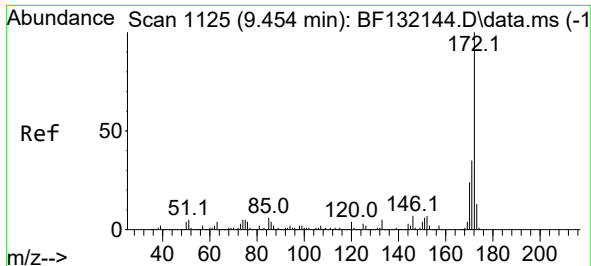
Tgt Ion:164 Resp: 294398
Ion Ratio Lower Upper
164 100
162 102.3 81.2 121.8
160 46.8 36.9 55.3



#42
2,4,6-Tribromophenol
Concen: 134.241 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF132182.D
Acq: 21 Jan 2023 02:33

Tgt Ion:330 Resp: 422138
Ion Ratio Lower Upper
330 100
332 96.5 75.6 113.4
141 32.8 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 65.037 ng

RT: 9.454 min Scan# 1125

Delta R.T. -0.000 min

Lab File: BF132182.D

Acq: 21 Jan 2023 02:33

Instrument :

BNA_F

ClientSampleId :

B-P38C

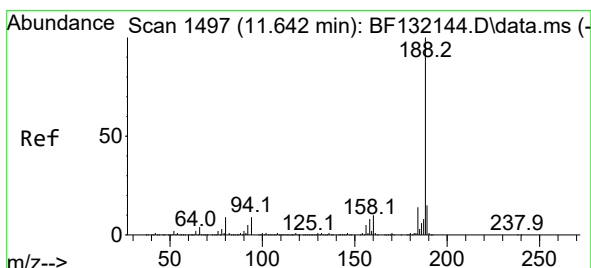
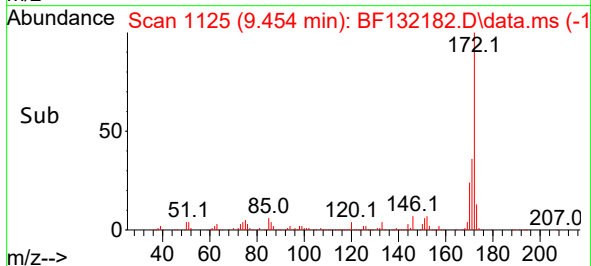
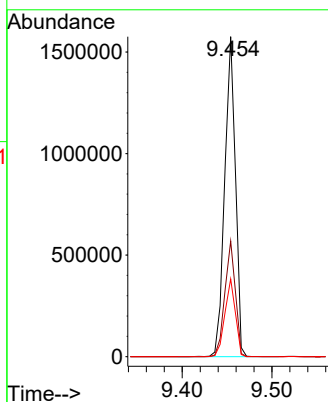
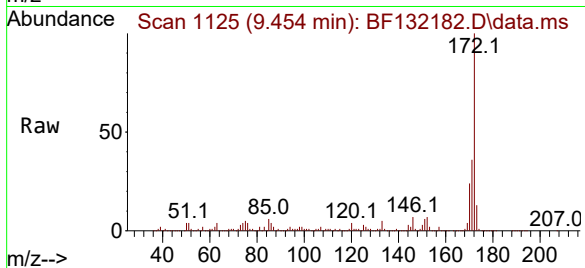
Tgt Ion:172 Resp: 1310324

Ion Ratio Lower Upper

172 100

171 36.2 28.2 42.2

170 24.3 19.6 29.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.636 min Scan# 1496

Delta R.T. -0.006 min

Lab File: BF132182.D

Acq: 21 Jan 2023 02:33

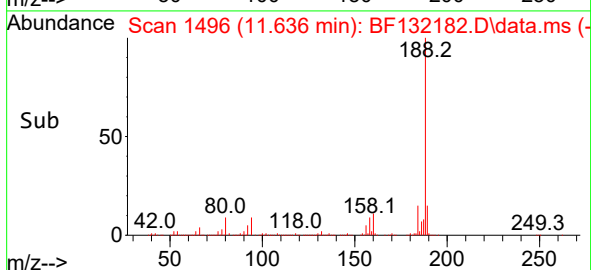
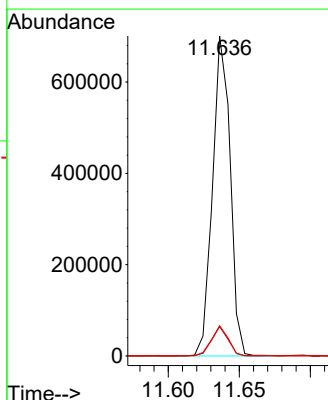
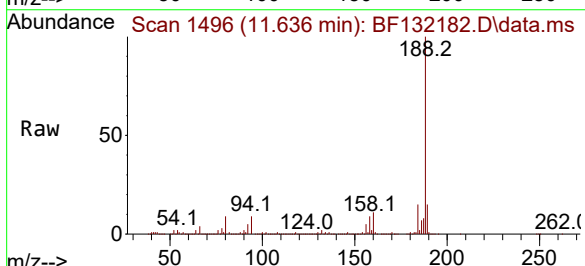
Tgt Ion:188 Resp: 605609

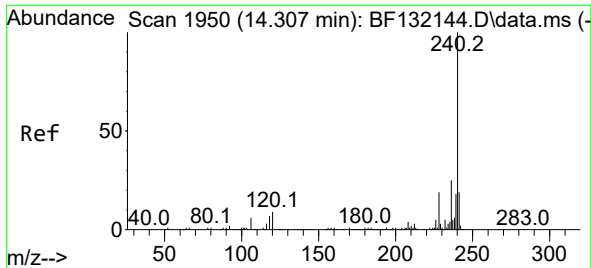
Ion Ratio Lower Upper

188 100

94 9.2 6.9 10.3

80 9.4 7.5 11.3

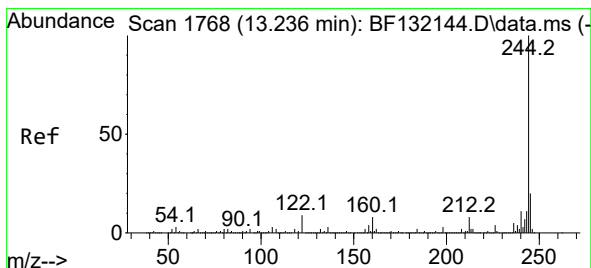
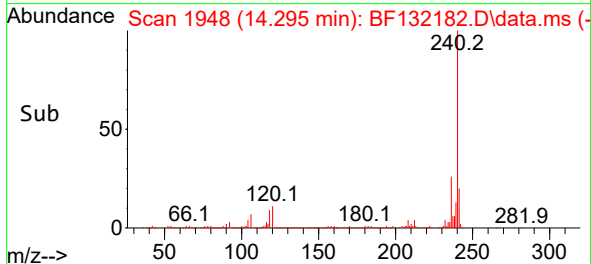
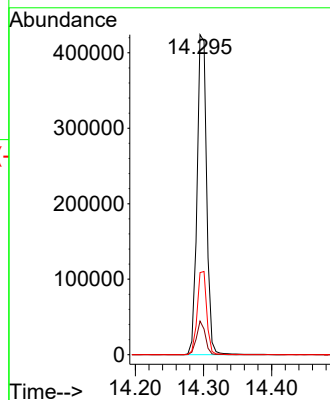
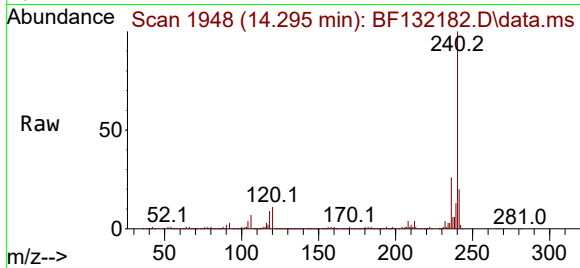




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.295 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BF132182.D
Acq: 21 Jan 2023 02:33

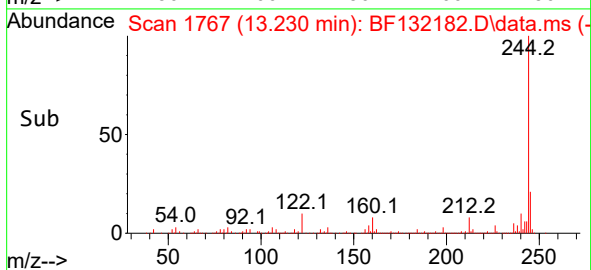
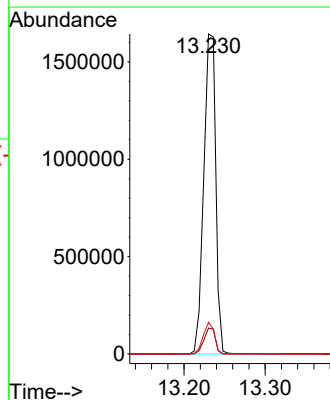
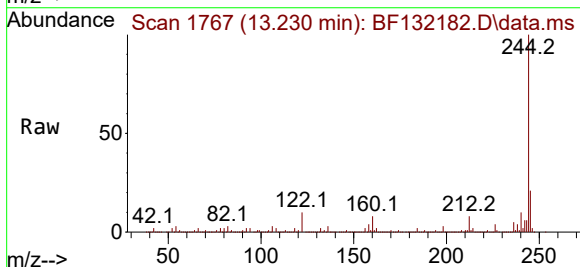
Instrument :
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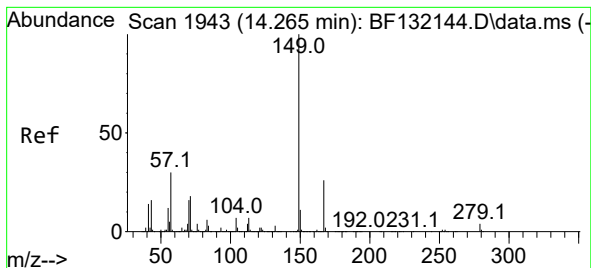
Tgt Ion:240 Resp: 411820
Ion Ratio Lower Upper
240 100
120 10.5 6.9 10.3#
236 25.7 20.3 30.5



#79
Terphenyl-d14
Concen: 68.462 ng
RT: 13.230 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BF132182.D
Acq: 21 Jan 2023 02:33

Tgt Ion:244 Resp: 1683122
Ion Ratio Lower Upper
244 100
212 8.1 6.7 10.1
122 9.8 7.4 11.2

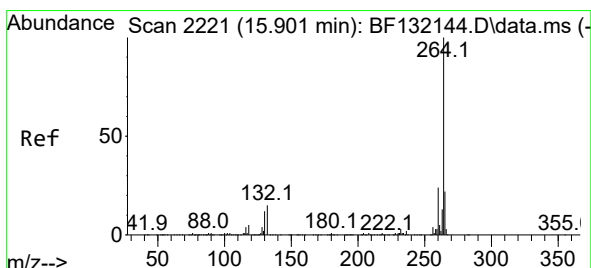
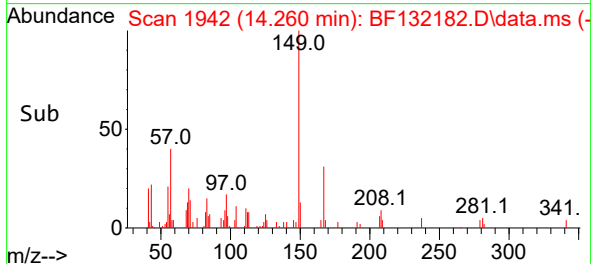
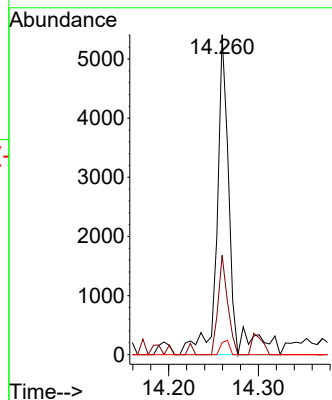
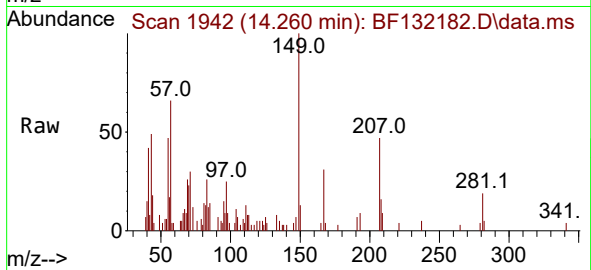




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.796 ng
 RT: 14.260 min Scan# 1943
 Delta R.T. -0.005 min
 Lab File: BF132182.D
 Acq: 21 Jan 2023 02:33

Instrument :
 BNA_F
 ClientSampleId :
 B-P38C

Tgt Ion:149 Resp: 5431
 Ion Ratio Lower Upper
 149 100
 167 31.1 21.0 31.6
 279 3.8 3.2 4.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.895 min Scan# 2220
 Delta R.T. -0.006 min
 Lab File: BF132182.D
 Acq: 21 Jan 2023 02:33

Tgt Ion:264 Resp: 355739
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 20.8 17.4 26.0

