

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132767.D
 Acq On : 13 Mar 2023 18:53
 Operator : CG\JU
 Sample : 01876-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38414-CONCRETE

Quant Time: Mar 14 01:33:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	197598	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	790721	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	441058	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	861287	20.000	ng	0.00
76) Chrysene-d12	14.157	240	468450	20.000	ng	#-0.01
86) Perylene-d12	15.692	264	445793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	924774	75.956	ng	0.00
7) Phenol-d6	6.599	99	1317657	82.926	ng	-0.01
23) Nitrobenzene-d5	7.534	82	977210	58.634	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	334738	70.275	ng	-0.01
45) 2-Fluorobiphenyl	9.328	172	1697713	58.610	ng	0.00
79) Terphenyl-d14	13.092	244	2155400	77.793	ng	0.00

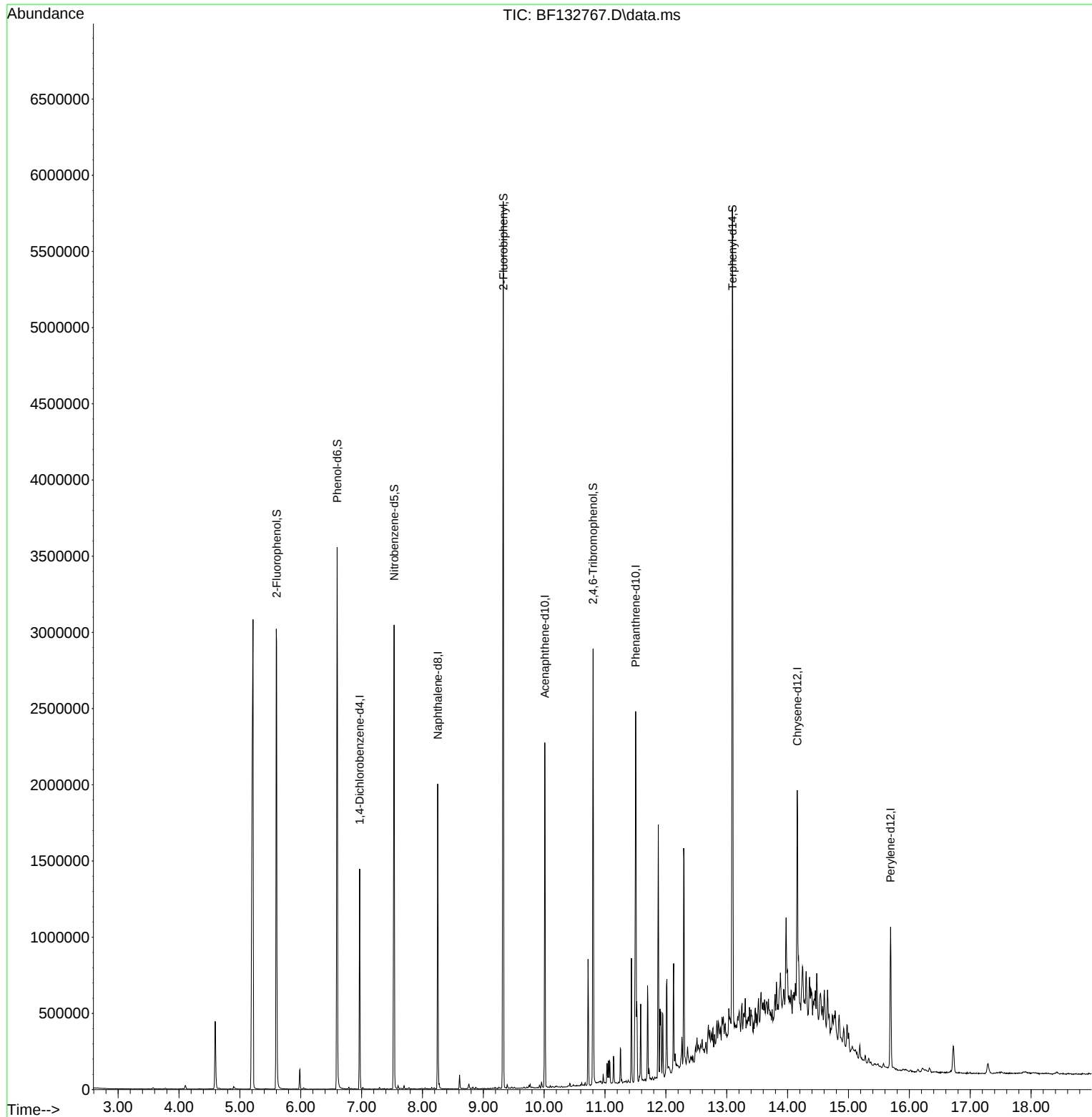
Target Compounds Qvalue

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

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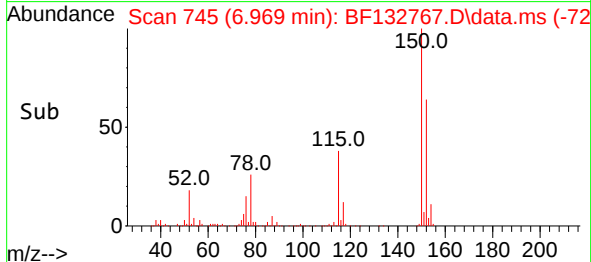
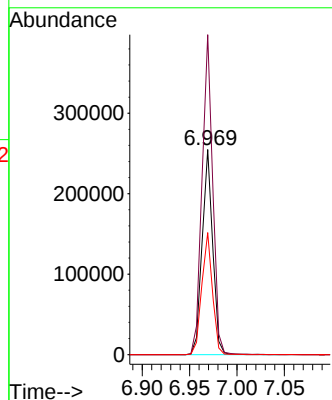
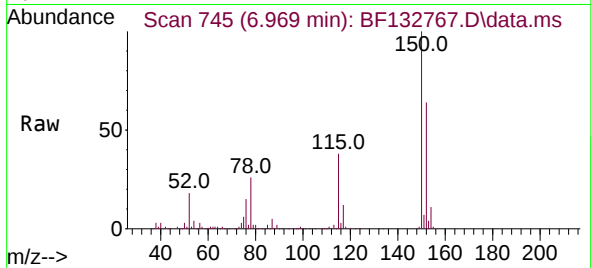




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

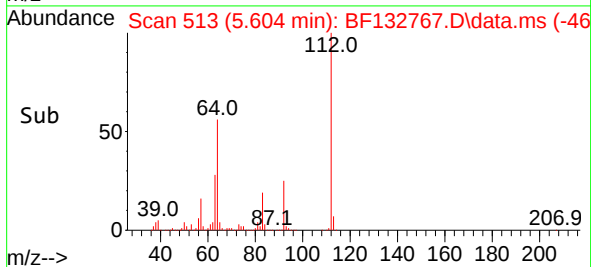
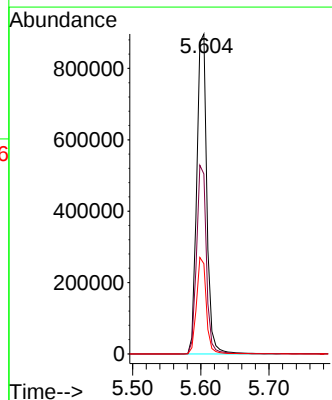
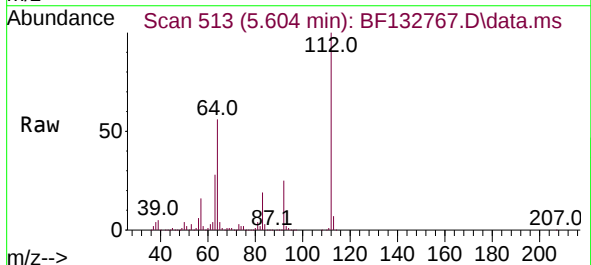
Instrument :
BNA_F
ClientSampleId :
38414-CONCRETE

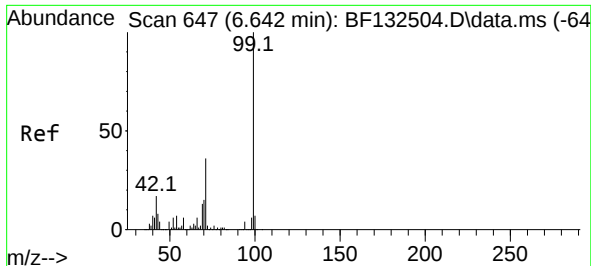
Tgt Ion:152 Resp: 197598
Ion Ratio Lower Upper
152 100
150 156.1 125.4 188.2
115 59.5 47.8 71.6



#5
2-Fluorophenol
Concen: 75.956 ng
RT: 5.604 min Scan# 513
Delta R.T. 0.006 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

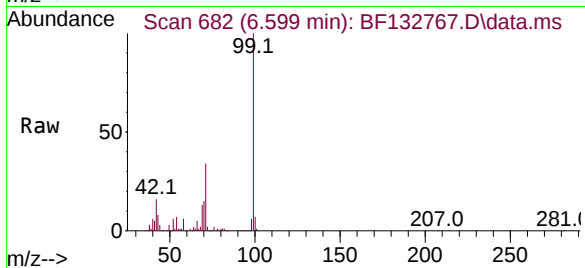
Tgt Ion:112 Resp: 924774
Ion Ratio Lower Upper
112 100
64 56.2 51.6 77.4
63 28.2 27.4 41.2





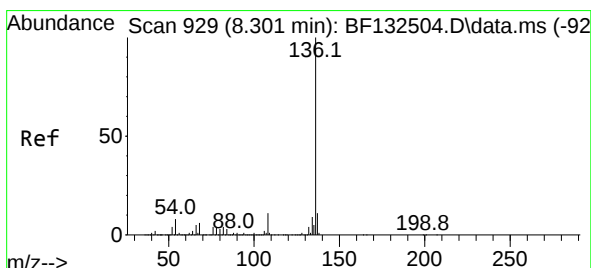
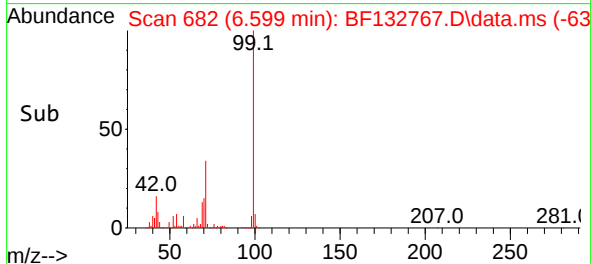
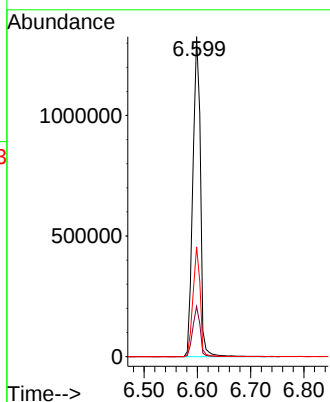
#7
Phenol-d6
Concen: 82.926 ng
RT: 6.599 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

Instrument :
BNA_F
ClientSampleId :
38414-CONCRETE



Tgt Ion: 99 Resp: 1317657

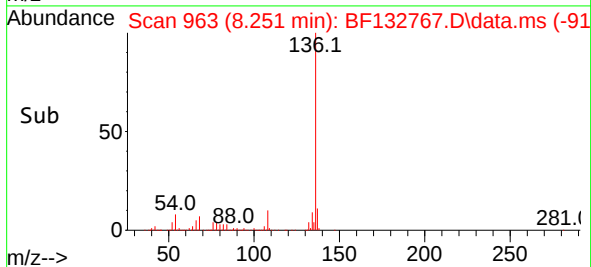
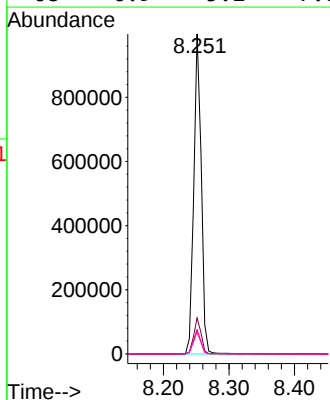
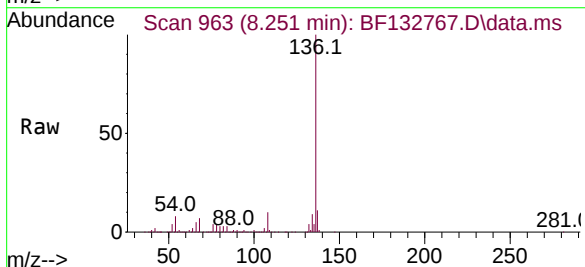
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.9	20.9
71	34.3	28.5	42.7

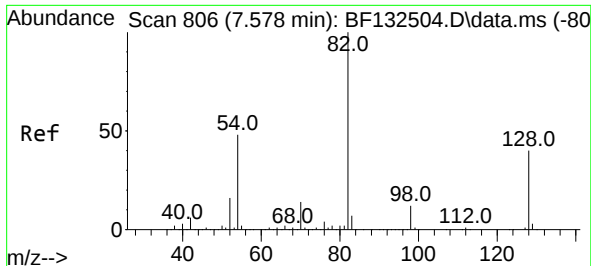


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

Tgt Ion: 136 Resp: 790721

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.5	6.2	9.4
68	6.9	5.2	7.8

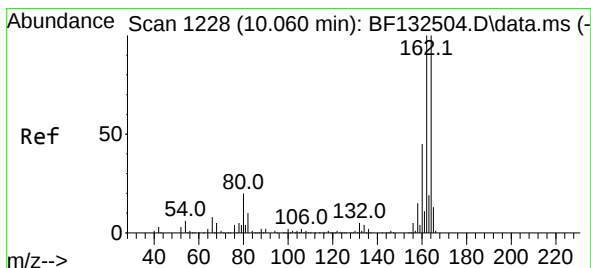
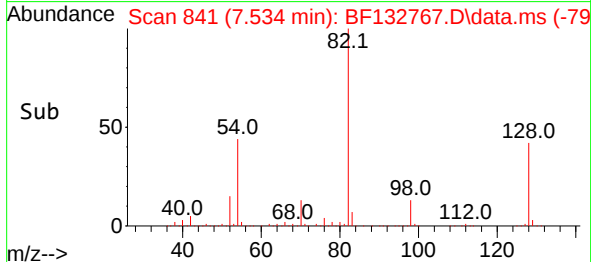
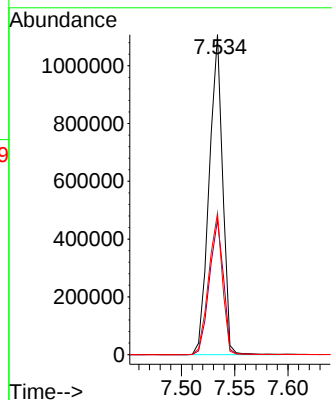
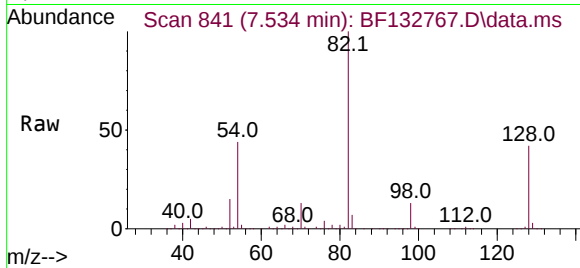




#23
Nitrobenzene-d5
Concen: 58.634 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

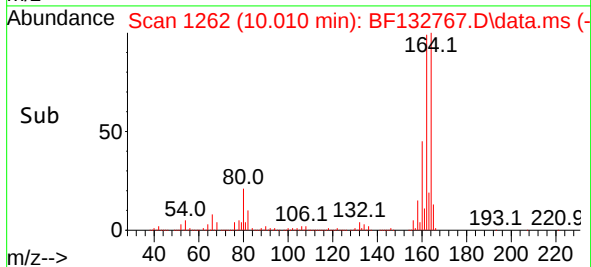
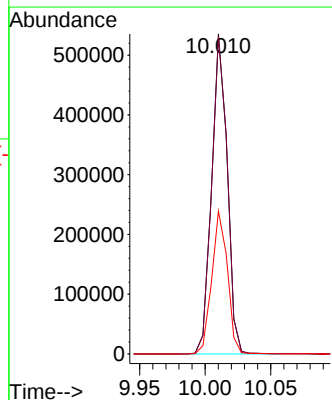
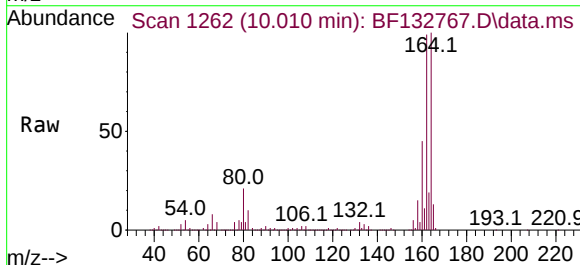
Instrument :
BNA_F
ClientSampleId :
38414-CONCRETE

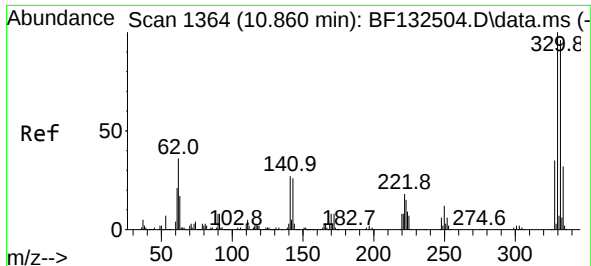
Tgt Ion: 82 Resp: 977210
Ion Ratio Lower Upper
82 100
128 42.1 32.2 48.2
54 44.2 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1262
Delta R.T. -0.012 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

Tgt Ion:164 Resp: 441058
Ion Ratio Lower Upper
164 100
162 99.2 79.8 119.8
160 44.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 70.275 ng

RT: 10.804 min Scan# 1146

Delta R.T. -0.012 min

Lab File: BF132767.D

Acq: 13 Mar 2023 18:53

Instrument :

BNA_F

ClientSampleId :

38414-CONCRETE

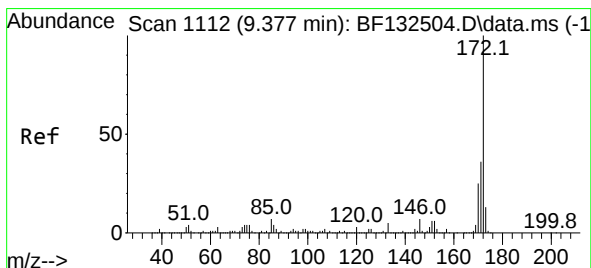
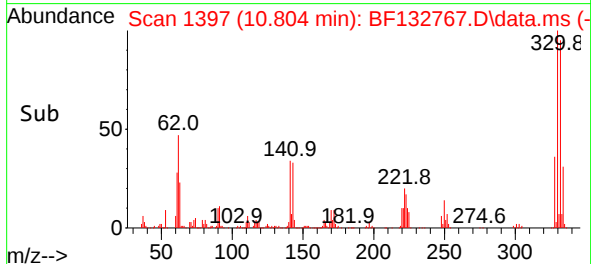
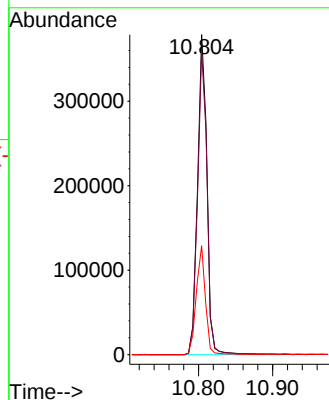
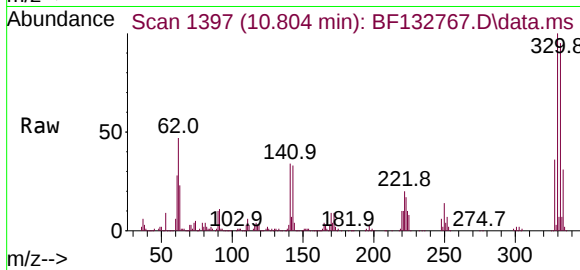
Tgt Ion:330 Resp: 334738

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

141 33.1 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 58.610 ng

RT: 9.328 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132767.D

Acq: 13 Mar 2023 18:53

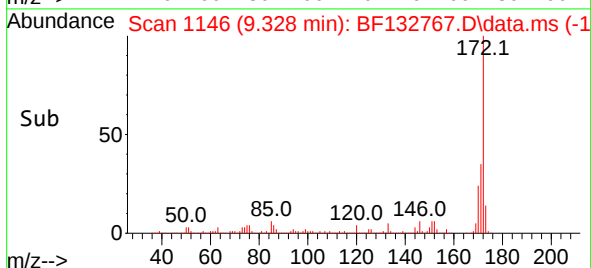
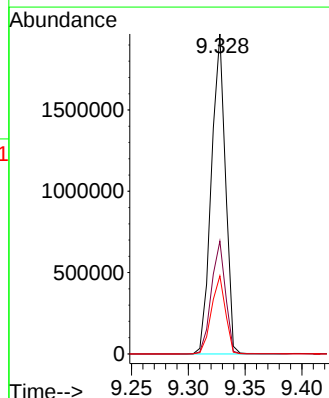
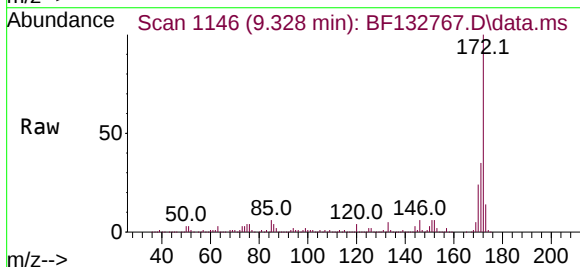
Tgt Ion:172 Resp: 1697713

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 24.4 19.7 29.5

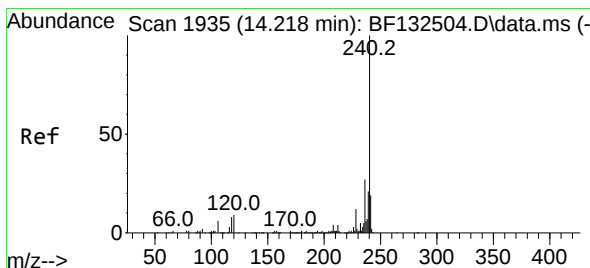
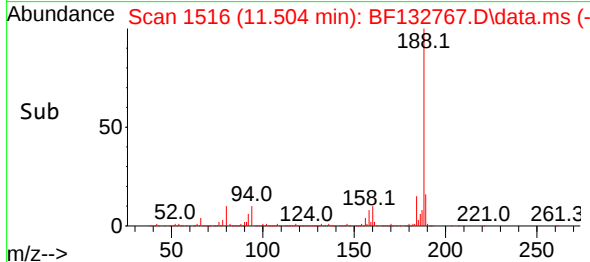
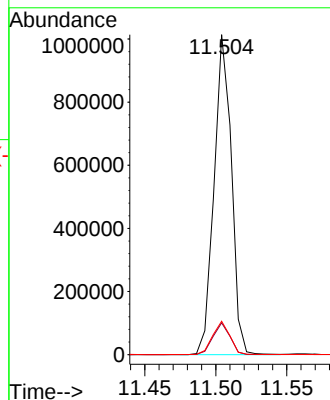
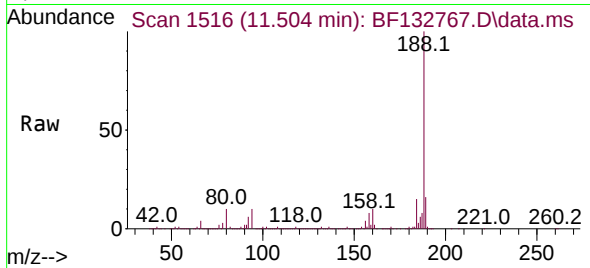




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

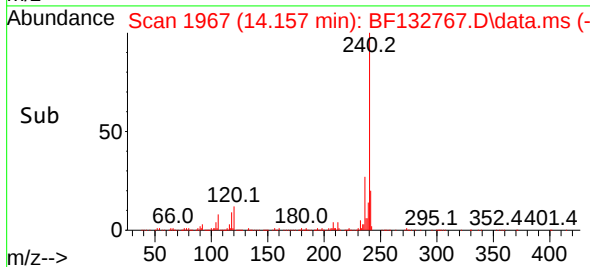
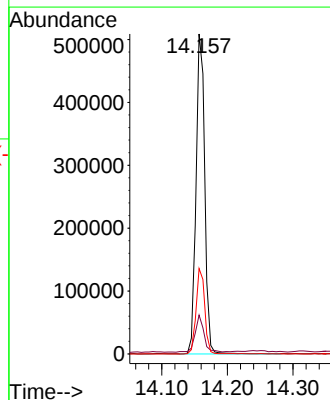
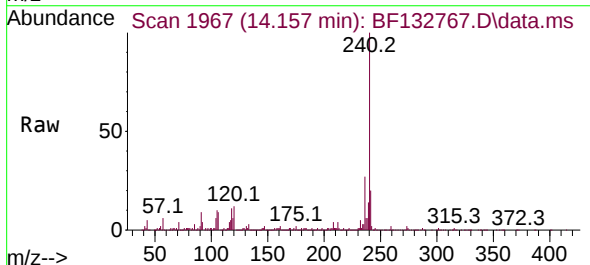
Instrument :
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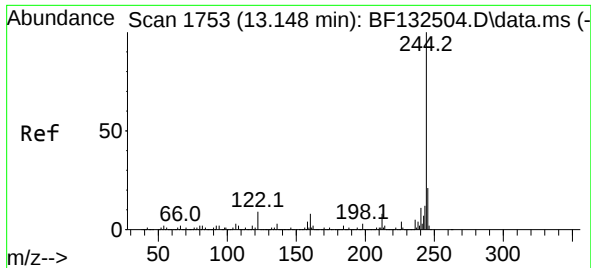
Tgt Ion:188 Resp: 861287
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.4 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

Tgt Ion:240 Resp: 468450
Ion Ratio Lower Upper
240 100
120 12.1 7.2 10.8#
236 26.7 21.8 32.6

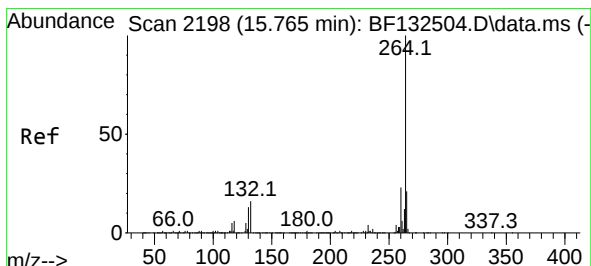
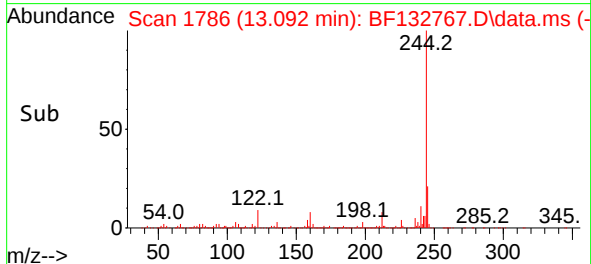
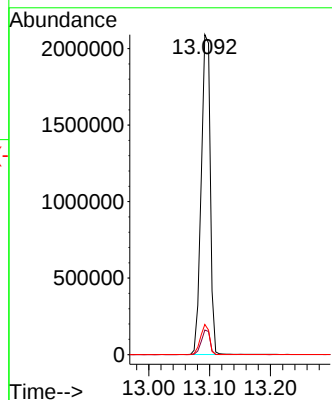
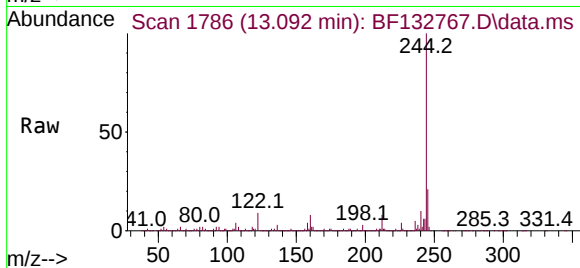




#79
 Terphenyl-d14
 Concen: 77.793 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132767.D
 Acq: 13 Mar 2023 18:53

Instrument :
 BNA_F
 ClientSampleId :
 38414-CONCRETE

Tgt Ion:244 Resp: 2155400
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 9.4 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 2228
 Delta R.T. -0.006 min
 Lab File: BF132767.D
 Acq: 13 Mar 2023 18:53

Tgt Ion:264 Resp: 445793
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.0 17.1 25.7

