

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
 Data File : BF132923.D
 Acq On : 19 Apr 2023 21:12
 Operator : CG\JU
 Sample : 02366-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230348-COMP-26

Quant Time: Apr 20 01:50:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

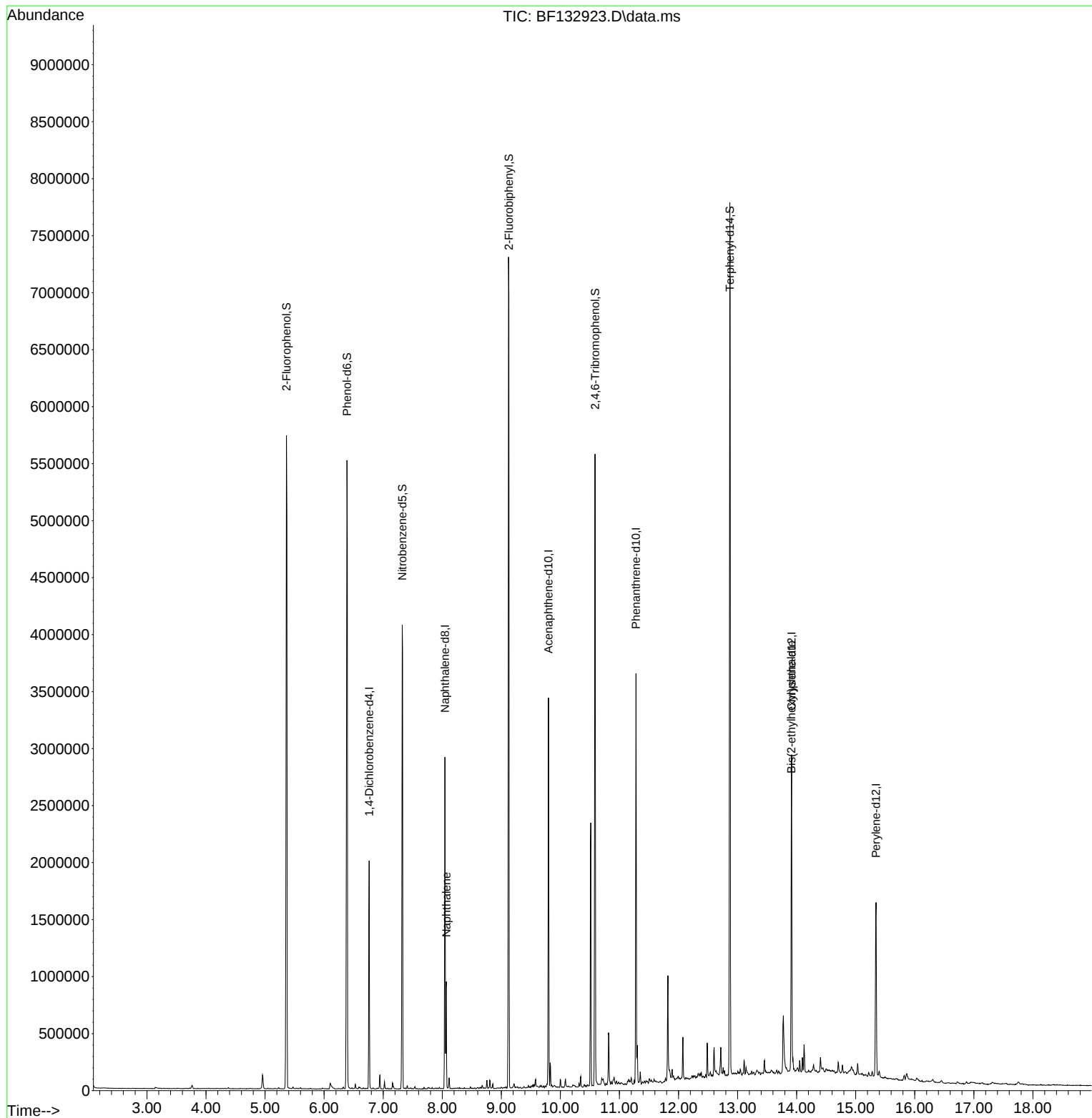
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	254728	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1057717	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	582735	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1133991	20.000	ng	0.00
76) Chrysene-d12	13.915	240	784998	20.000	ng	-0.01
86) Perylene-d12	15.345	264	648415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1644202	100.931	ng	0.00
7) Phenol-d6	6.387	99	2131820	102.555	ng	-0.01
23) Nitrobenzene-d5	7.322	82	1298419	63.987	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	672980	115.140	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	2196669	57.909	ng	0.00
79) Terphenyl-d14	12.868	244	2834826	61.611	ng	0.00
Target Compounds						
31) Naphthalene	8.069	128	373038	6.979	ng	97
84) Bis(2-ethylhexyl)phtha...	13.910	149	72194	3.556	ng	97

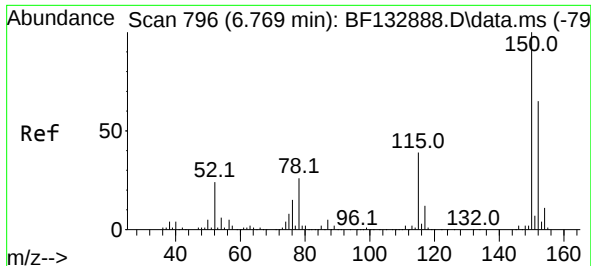
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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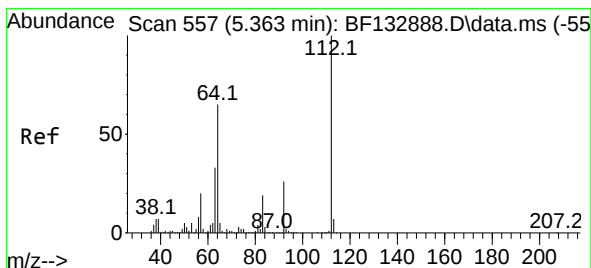
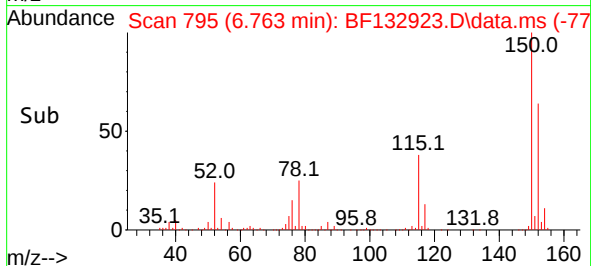
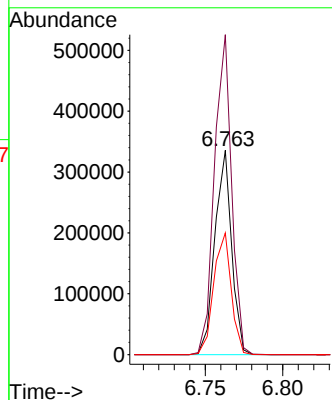
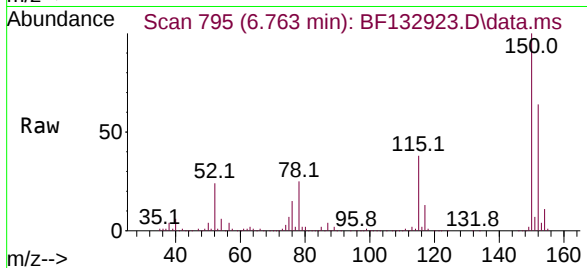




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

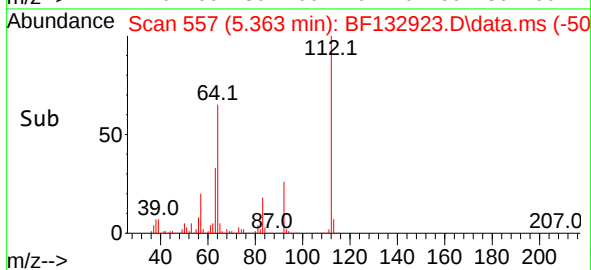
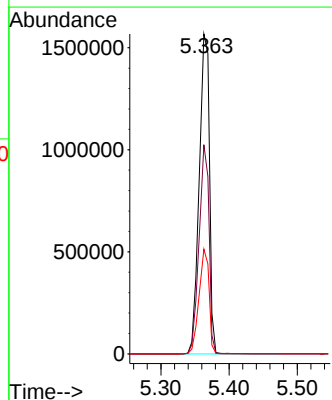
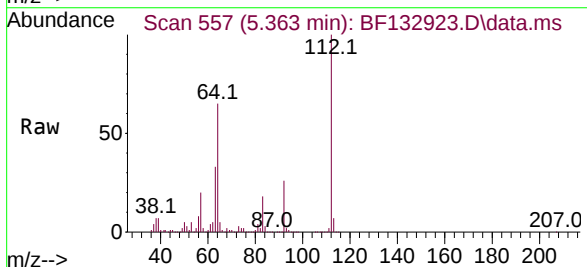
Instrument :
BNA_F
ClientSampleId :
20230348-COMP-26

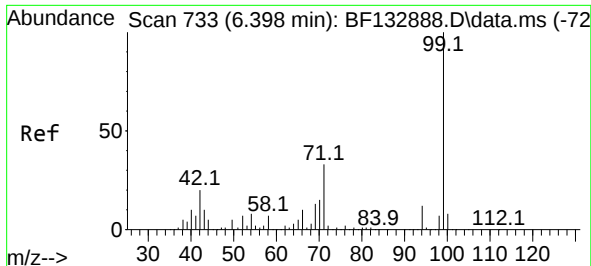
Tgt Ion:152 Resp: 254728
Ion Ratio Lower Upper
152 100
150 156.7 122.8 184.2
115 59.6 47.3 70.9



#5
2-Fluorophenol
Concen: 100.931 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

Tgt Ion:112 Resp: 1644202
Ion Ratio Lower Upper
112 100
64 65.4 51.8 77.8
63 32.7 26.3 39.5

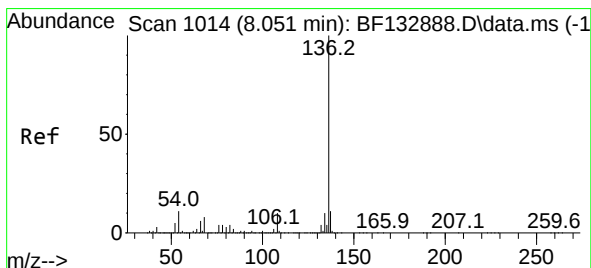
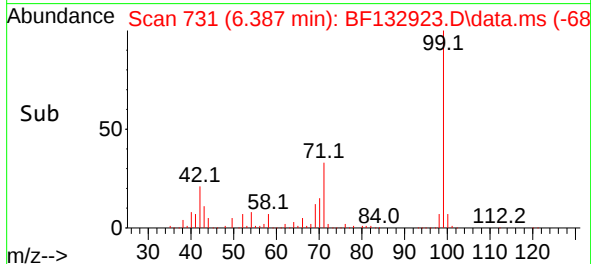
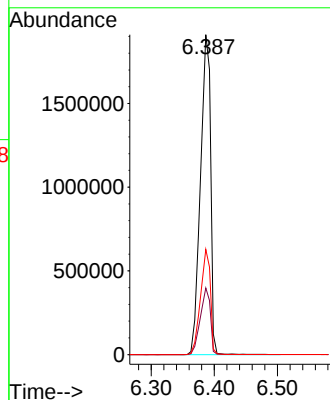
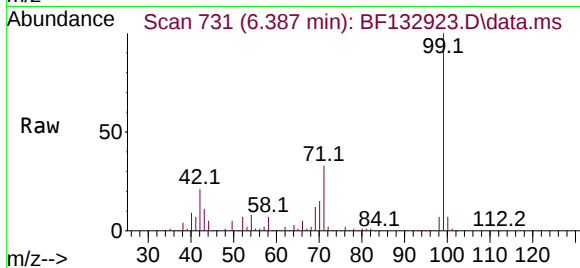




#7
Phenol-d6
Concen: 102.555 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

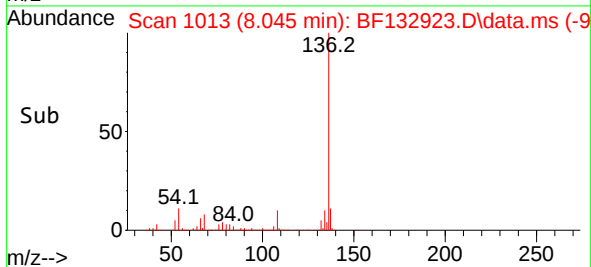
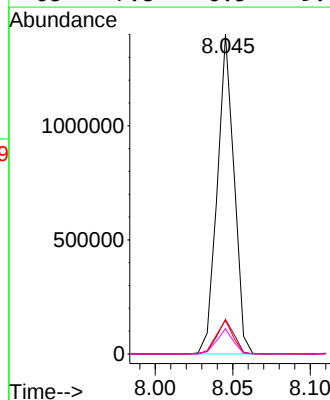
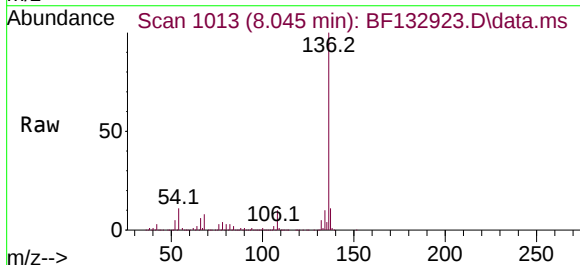
Instrument :
BNA_F
ClientSampleId :
20230348-COMP-26

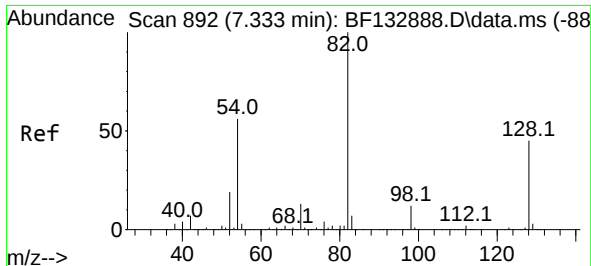
Tgt Ion: 99 Resp: 2131820
Ion Ratio Lower Upper
99 100
42 20.8 16.1 24.1
71 32.9 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

Tgt Ion:136 Resp: 1057717
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 10.5 8.9 13.3
68 7.8 6.5 9.7





#23

Nitrobenzene-d5

Concen: 63.987 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF132923.D

Acq: 19 Apr 2023 21:12

Instrument :

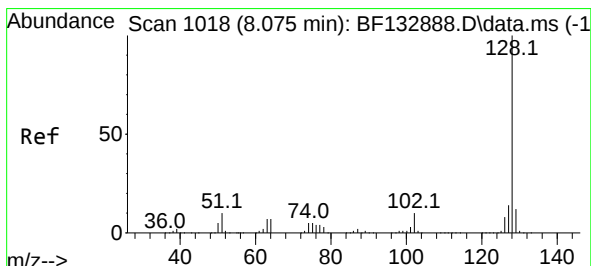
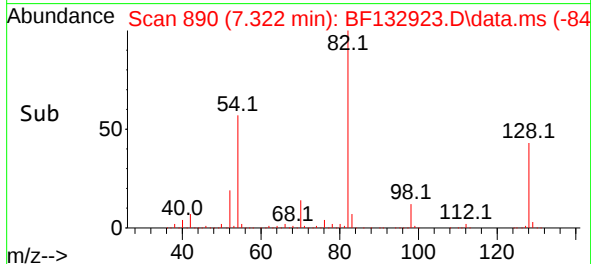
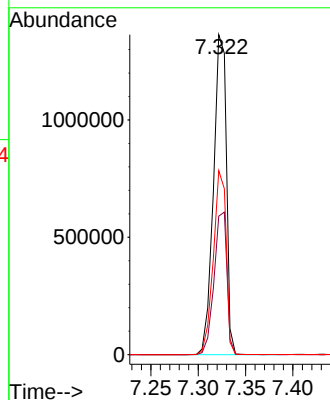
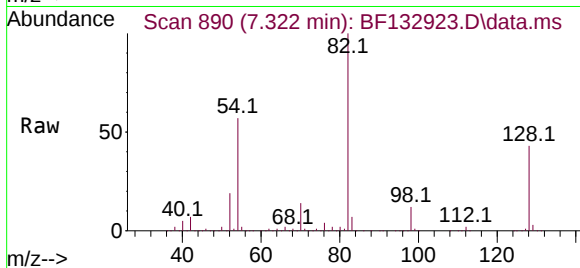
BNA_F

ClientSampleId :

20230348-COMP-26

Tgt Ion: 82 Resp: 1298419

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.7	53.5
54	57.5	44.7	67.1



#31

Naphthalene

Concen: 6.979 ng

RT: 8.069 min Scan# 1017

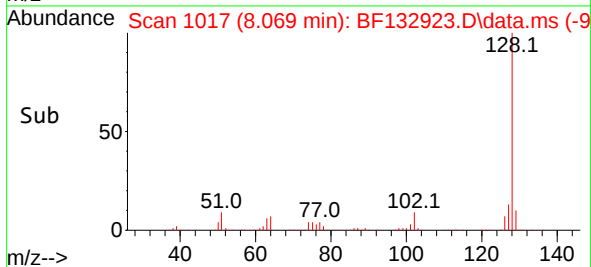
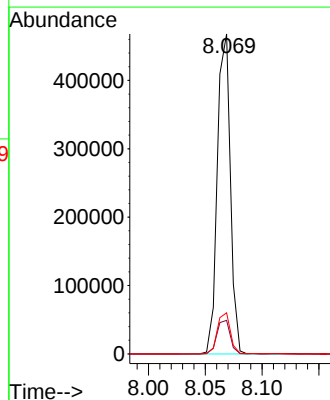
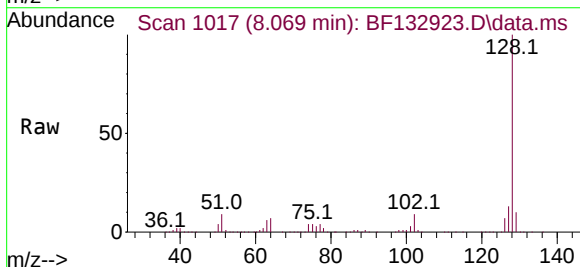
Delta R.T. -0.006 min

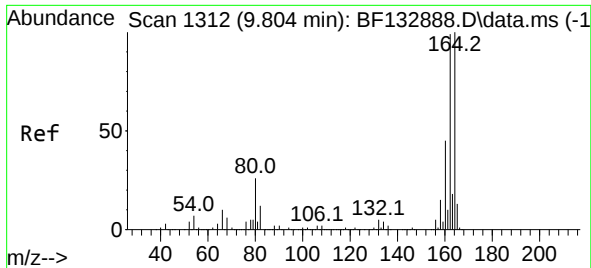
Lab File: BF132923.D

Acq: 19 Apr 2023 21:12

Tgt Ion: 128 Resp: 373038

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.4	14.0
127	12.8	11.0	16.6

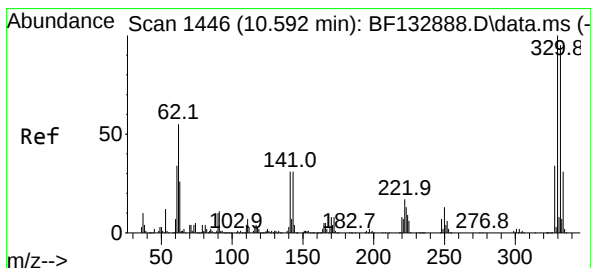
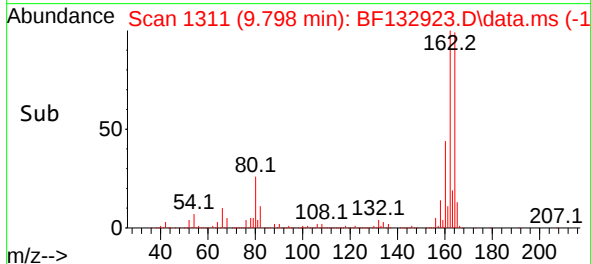
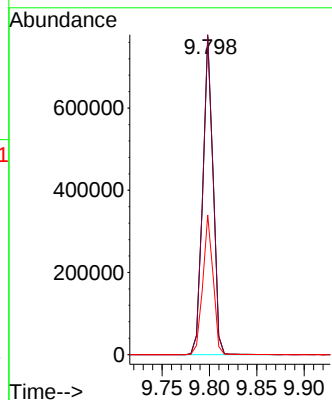
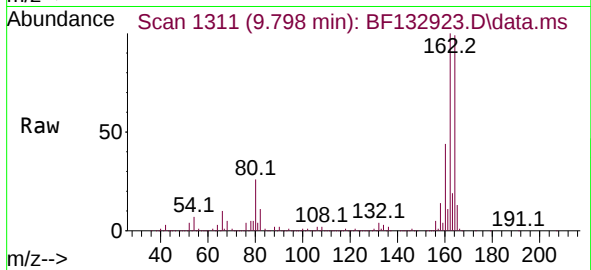




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

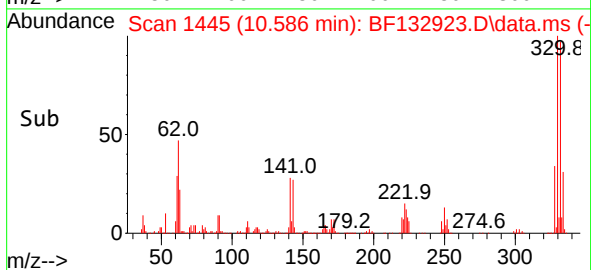
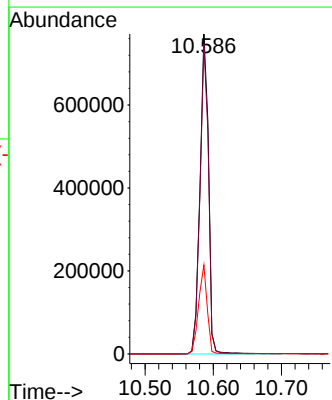
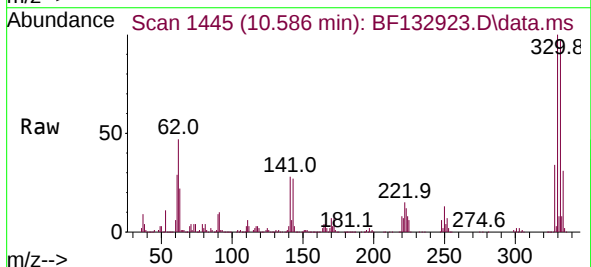
Instrument :
BNA_F
ClientSampleId :
20230348-COMP-26

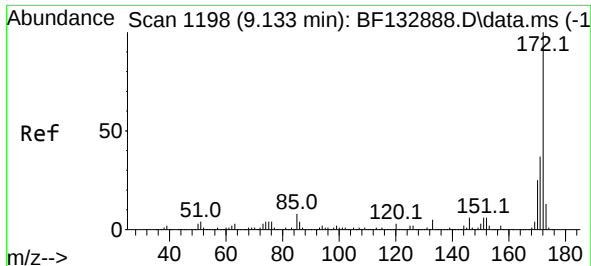
Tgt Ion:164 Resp: 582735
Ion Ratio Lower Upper
164 100
162 100.7 79.1 118.7
160 44.0 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 115.140 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

Tgt Ion:330 Resp: 672980
Ion Ratio Lower Upper
330 100
332 96.1 76.3 114.5
141 27.8 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 57.909 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF132923.D

Acq: 19 Apr 2023 21:12

Instrument :

BNA_F

ClientSampleId :

20230348-COMP-26

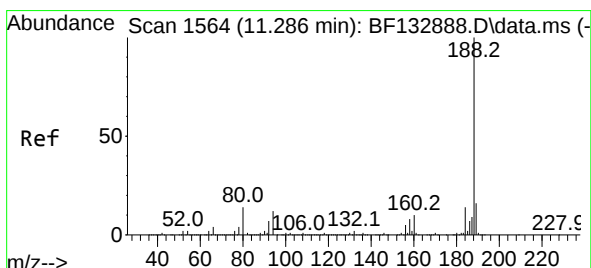
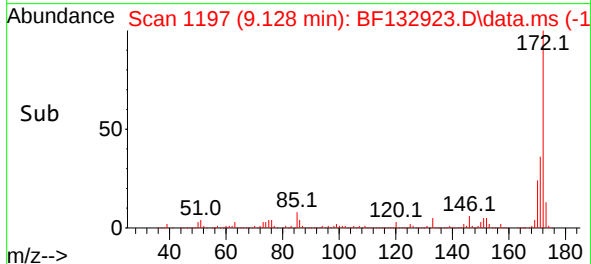
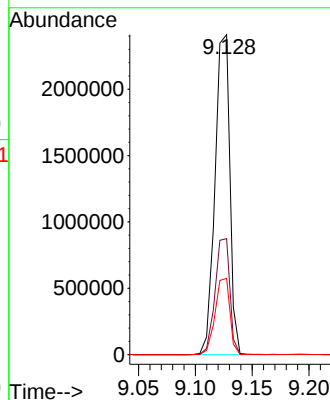
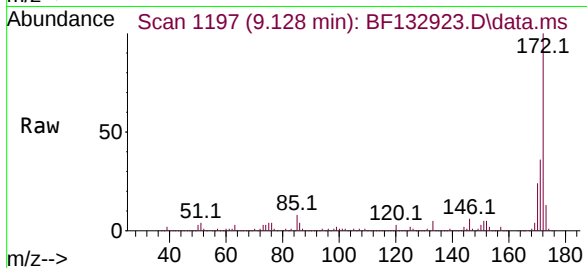
Tgt Ion:172 Resp: 2196669

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

170 23.9 20.1 30.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1563

Delta R.T. -0.006 min

Lab File: BF132923.D

Acq: 19 Apr 2023 21:12

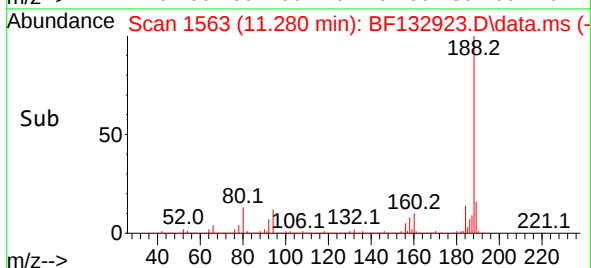
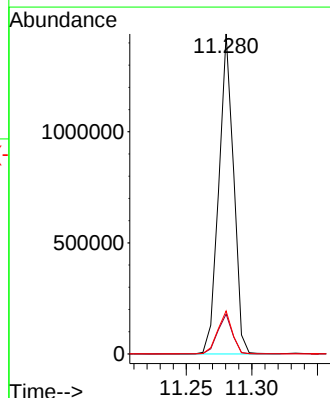
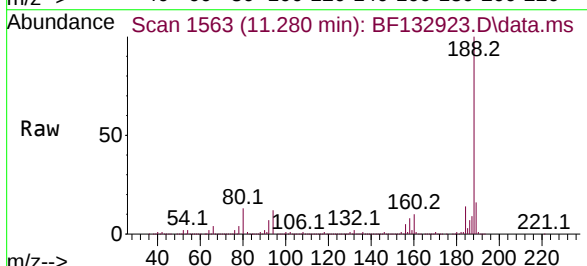
Tgt Ion:188 Resp: 1133991

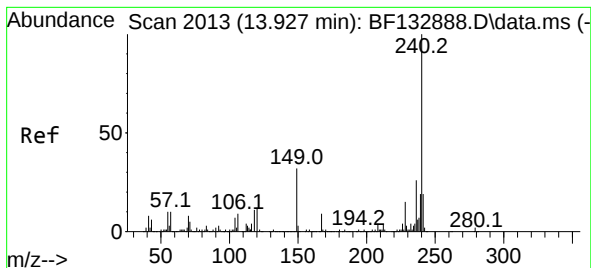
Ion Ratio Lower Upper

188 100

94 12.4 9.9 14.9

80 13.4 10.8 16.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.915 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF132923.D

Acq: 19 Apr 2023 21:12

Instrument :

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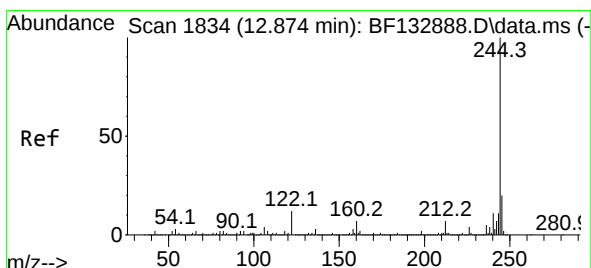
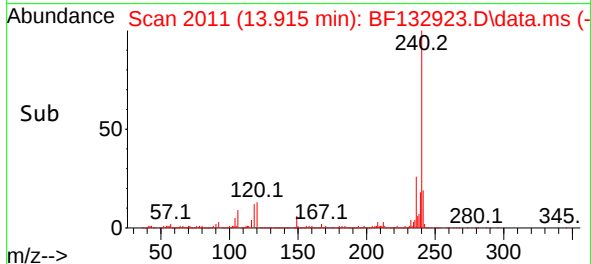
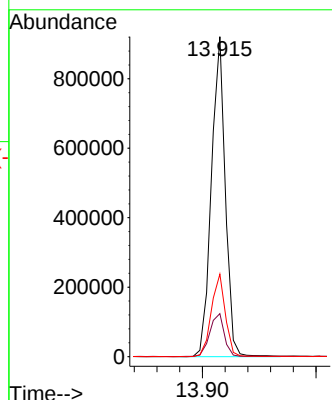
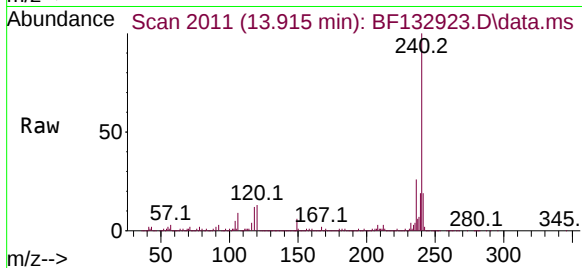
Tgt Ion:240 Resp: 784998

Ion Ratio Lower Upper

240 100

120 13.4 10.0 15.0

236 25.8 20.8 31.2



#79

Terphenyl-d14

Concen: 61.611 ng

RT: 12.868 min Scan# 1833

Delta R.T. -0.006 min

Lab File: BF132923.D

Acq: 19 Apr 2023 21:12

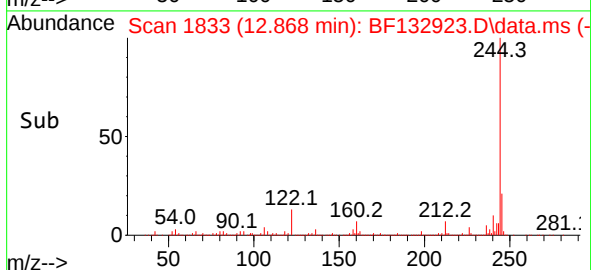
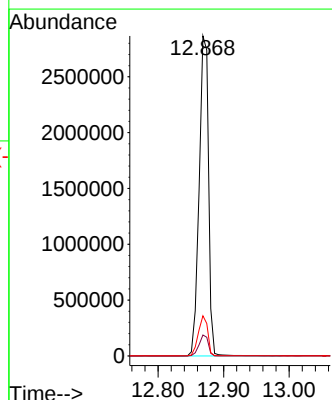
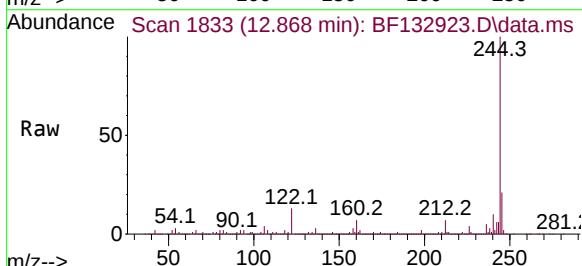
Tgt Ion:244 Resp: 2834826

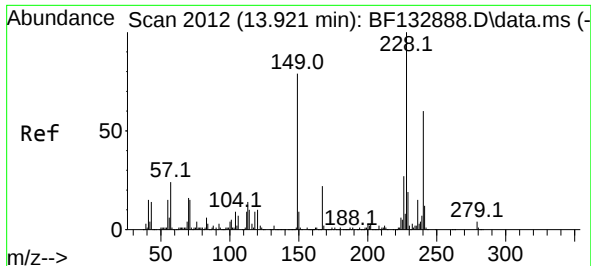
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 12.5 9.6 14.4

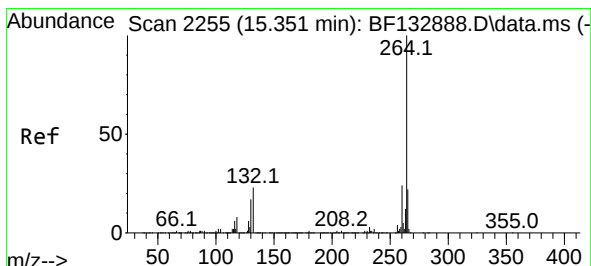
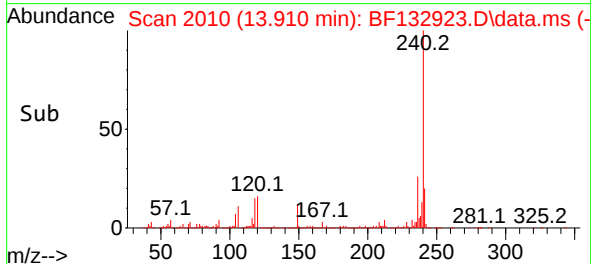
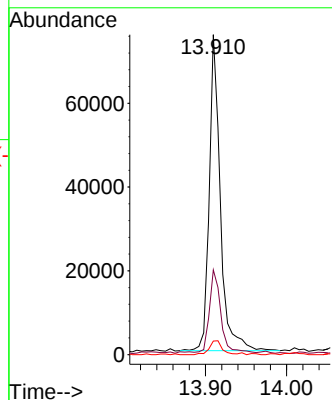
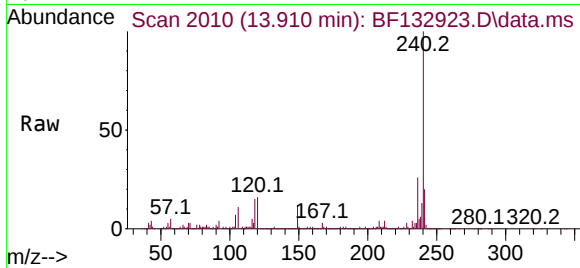




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.556 ng
RT: 13.910 min Scan# 2012
Delta R.T. -0.011 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

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20230348-COMP-26

Tgt Ion:149 Resp: 72194
Ion Ratio Lower Upper
149 100
167 26.5 22.2 33.4
279 4.2 4.2 6.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.345 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BF132923.D
Acq: 19 Apr 2023 21:12

Tgt Ion:264 Resp: 648415
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.1 17.7 26.5

