

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132760.D
 Acq On : 13 Mar 2023 15:08
 Operator : CG\JU
 Sample : 01853-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230162-COMPOSITE-1

Quant Time: Mar 14 01:30:52 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	215495	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	801566	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	446283	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	868876	20.000	ng	0.00
76) Chrysene-d12	14.162	240	480227	20.000	ng	0.00
86) Perylene-d12	15.692	264	462079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	1155698	87.040	ng	0.00
7) Phenol-d6	6.604	99	1440489	83.127	ng	0.00
23) Nitrobenzene-d5	7.533	82	937918	55.515	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	431344	89.497	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1578016	53.840	ng	0.00
79) Terphenyl-d14	13.098	244	1854101	65.278	ng	0.00

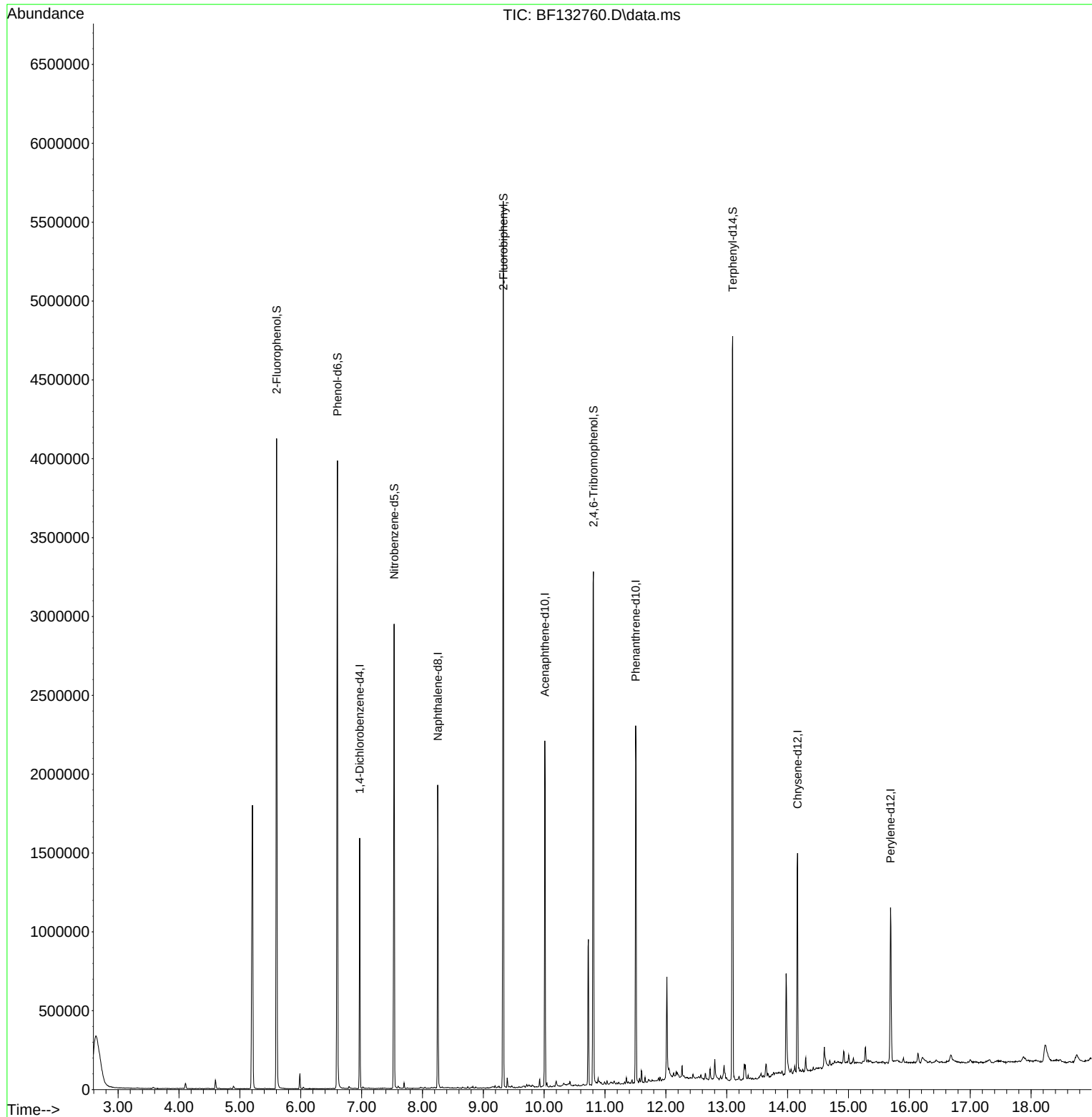
Target Compounds	Qvalue

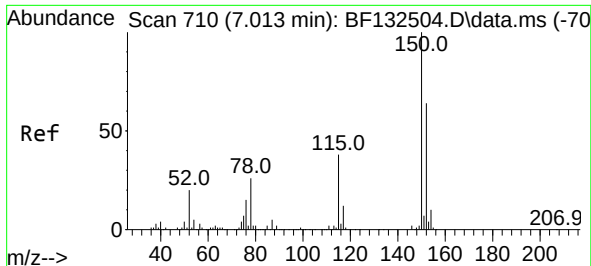
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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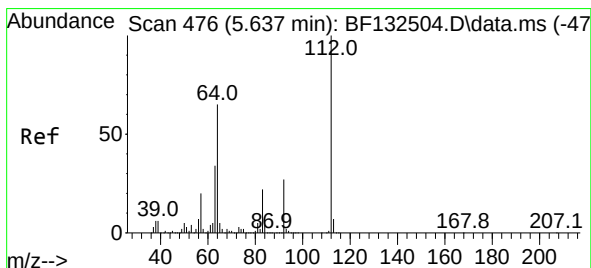
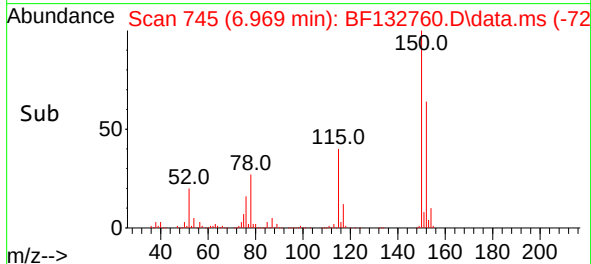
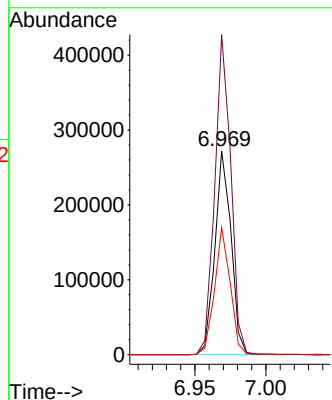
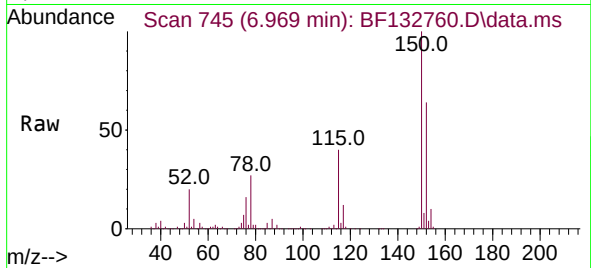




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

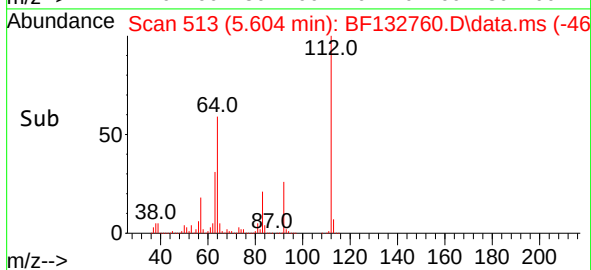
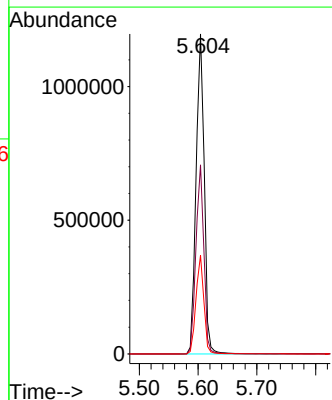
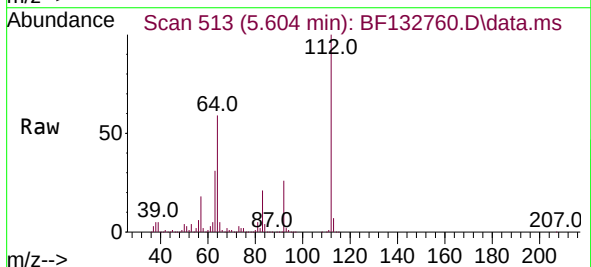
Instrument :
BNA_F
ClientSampleId :
20230162-COMPOSITE-1

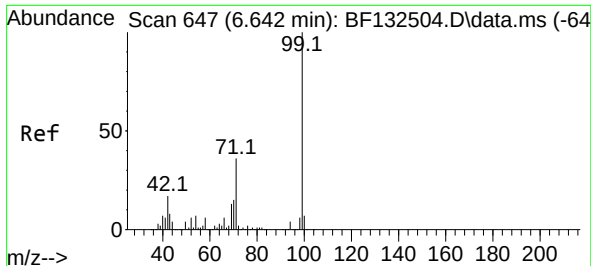
Tgt Ion:152 Resp: 215495
Ion Ratio Lower Upper
152 100
150 157.1 125.4 188.2
115 62.4 47.8 71.6



#5
2-Fluorophenol
Concen: 87.040 ng
RT: 5.604 min Scan# 513
Delta R.T. 0.006 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

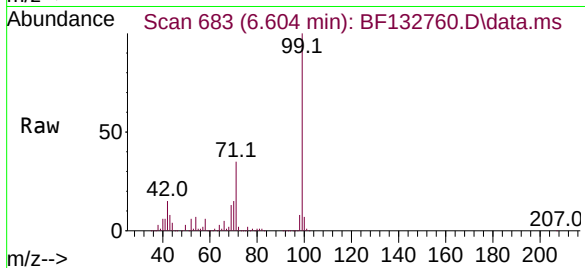
Tgt Ion:112 Resp: 1155698
Ion Ratio Lower Upper
112 100
64 59.1 51.6 77.4
63 30.8 27.4 41.2





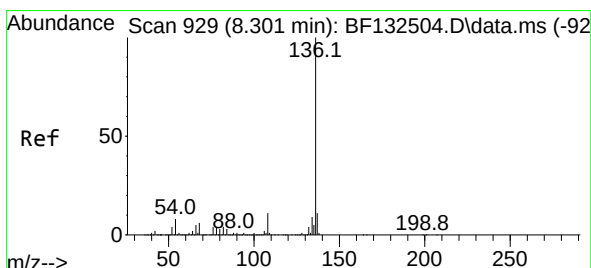
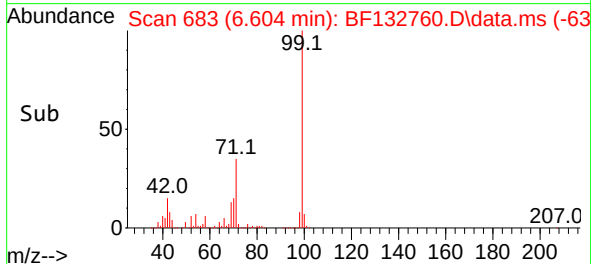
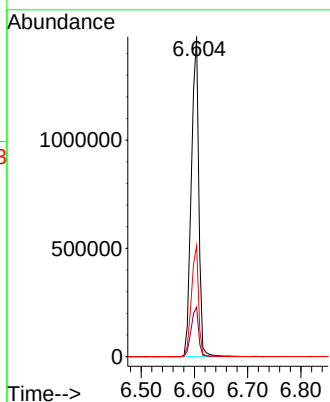
#7
Phenol-d6
Concen: 83.127 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1440489

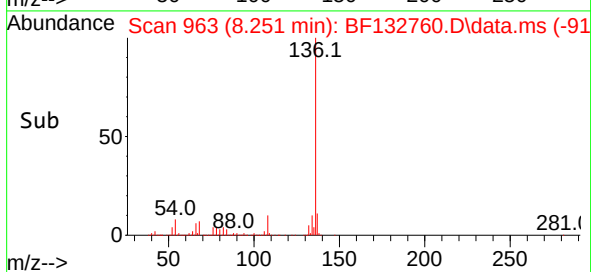
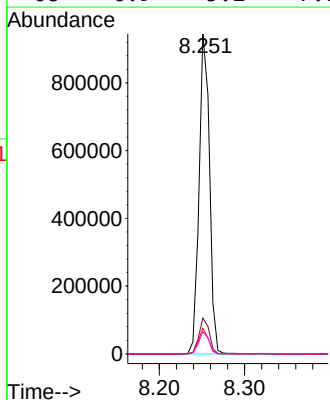
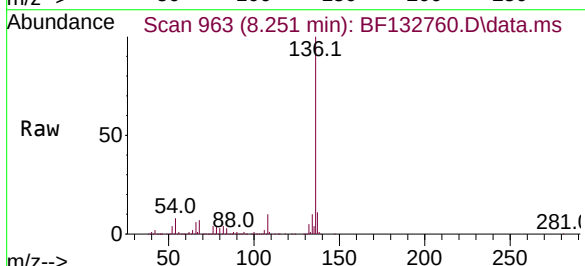
Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.9	20.9
71	34.7	28.5	42.7

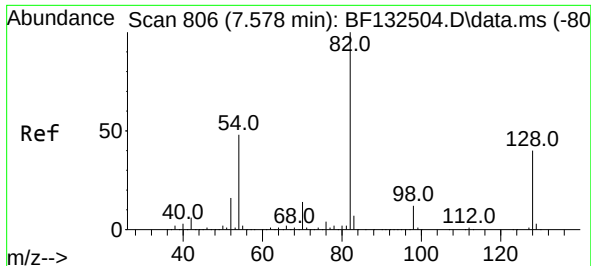


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

Tgt Ion:136 Resp: 801566

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.0	6.2	9.4
68	6.9	5.2	7.8

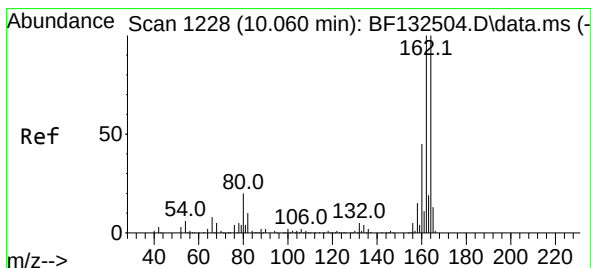
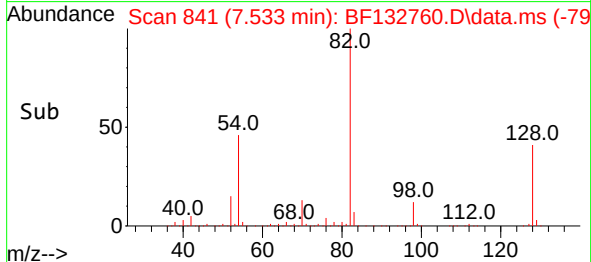
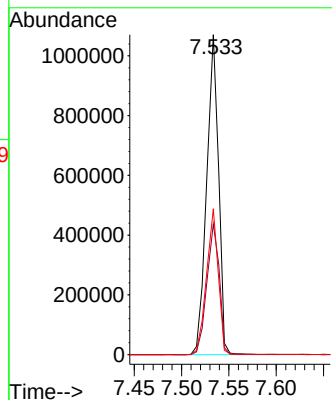
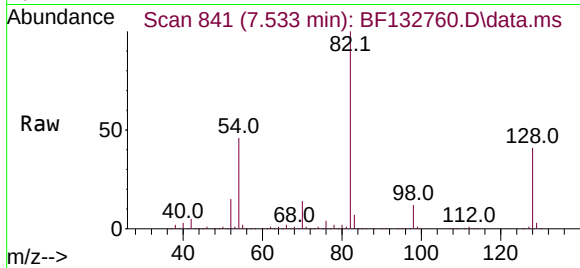




#23
Nitrobenzene-d5
Concen: 55.515 ng
RT: 7.533 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

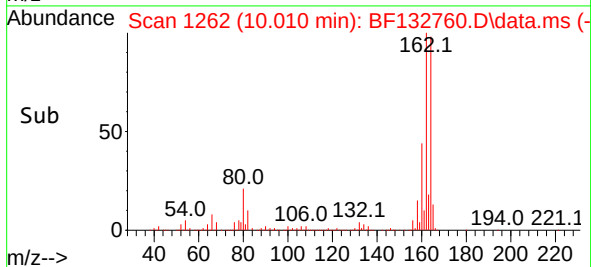
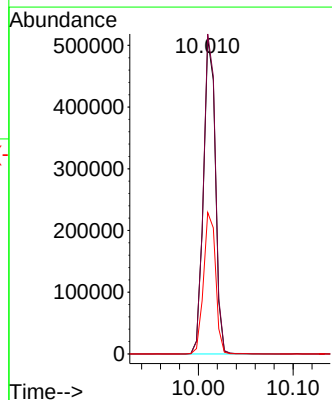
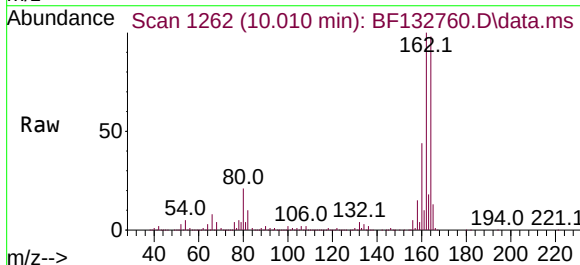
Instrument :
BNA_F
ClientSampleId :
20230162-COMPOSITE-1

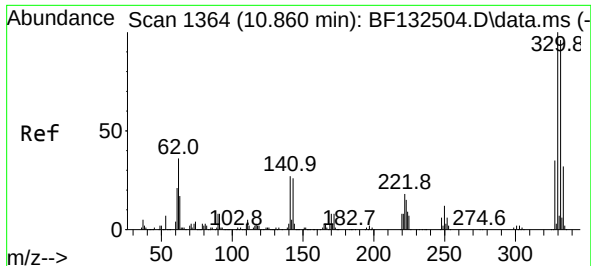
Tgt Ion: 82 Resp: 937918
Ion Ratio Lower Upper
82 100
128 40.8 32.2 48.2
54 45.6 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1262
Delta R.T. -0.012 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

Tgt Ion:164 Resp: 446283
Ion Ratio Lower Upper
164 100
162 101.7 79.8 119.8
160 44.9 35.8 53.6

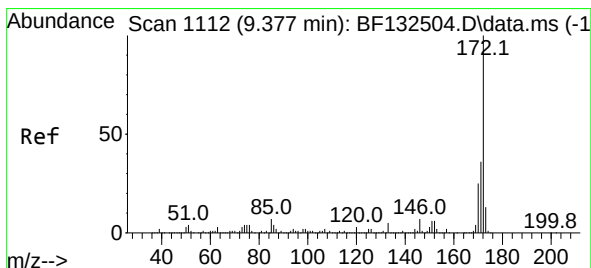
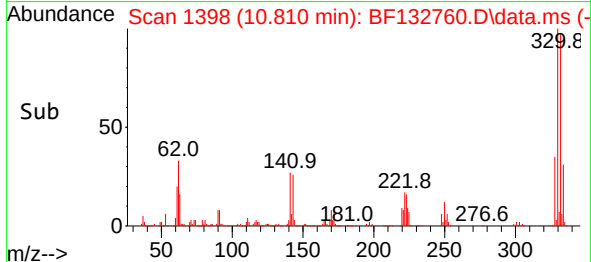
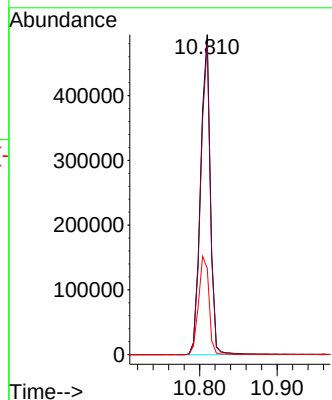
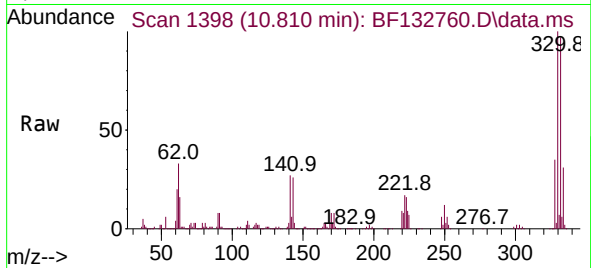




#42
 2,4,6-Tribromophenol
 Concen: 89.497 ng
 RT: 10.810 min Scan# 1146
 Delta R.T. -0.006 min
 Lab File: BF132760.D
 Acq: 13 Mar 2023 15:08

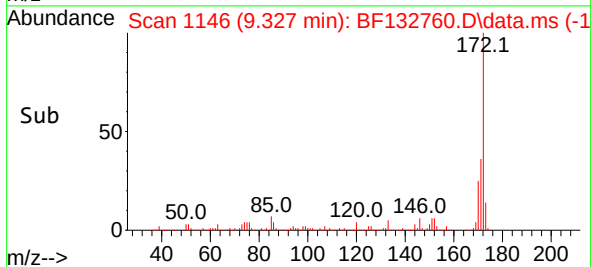
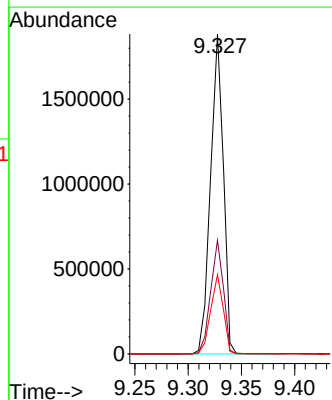
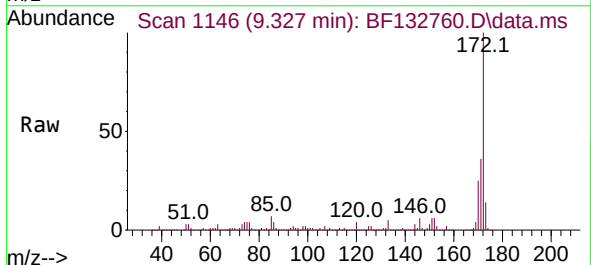
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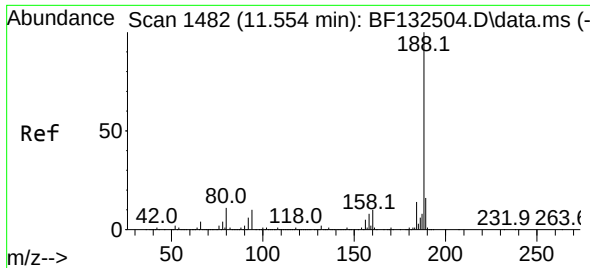
Tgt Ion:330 Resp: 431344
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.4
 141 32.8 28.4 42.6



#45
 2-Fluorobiphenyl
 Concen: 53.840 ng
 RT: 9.327 min Scan# 1146
 Delta R.T. -0.006 min
 Lab File: BF132760.D
 Acq: 13 Mar 2023 15:08

Tgt Ion:172 Resp: 1578016
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.8 43.2
 170 24.8 19.7 29.5

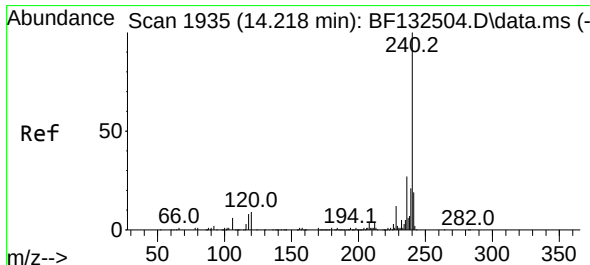
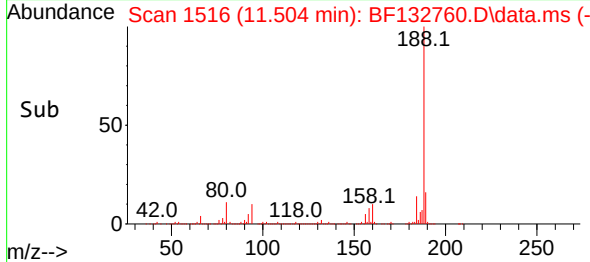
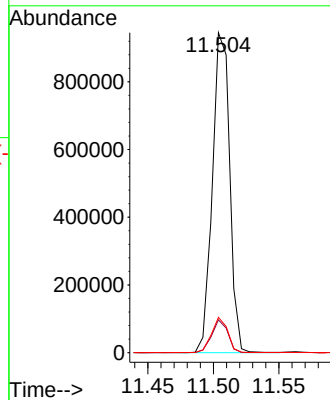
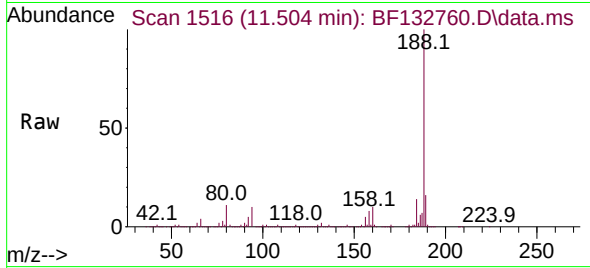




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

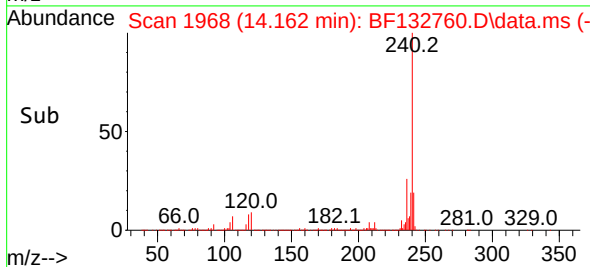
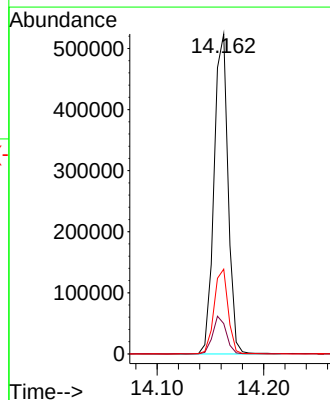
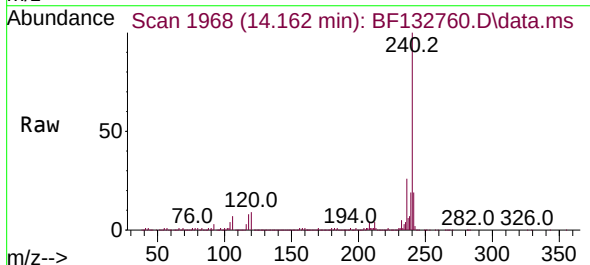
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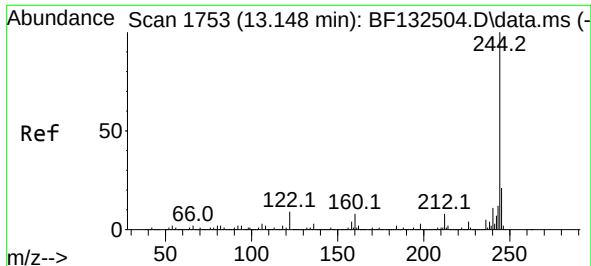
Tgt Ion:188 Resp: 868876
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 11.0 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.162 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

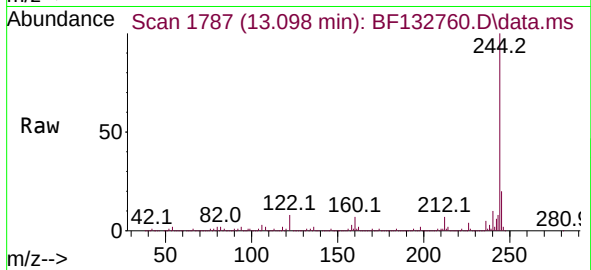
Tgt Ion:240 Resp: 480227
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 26.5 21.8 32.6



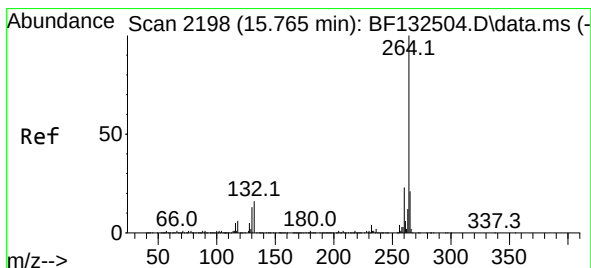
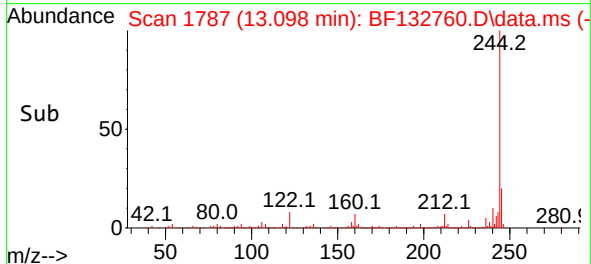
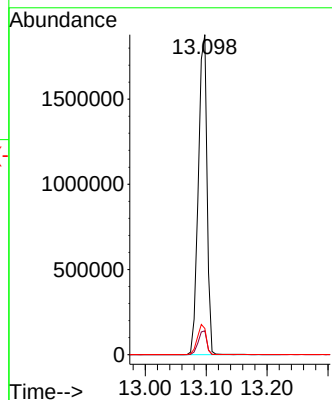


#79
 Terphenyl-d14
 Concen: 65.278 ng
 RT: 13.098 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132760.D
 Acq: 13 Mar 2023 15:08

Instrument :
 BNA_F
 ClientSampleId :
 20230162-COMPOSITE-1



Tgt Ion:244 Resp: 1854101
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 8.2 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: BF132760.D
 Acq: 13 Mar 2023 15:08

Tgt Ion:264 Resp: 462079
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.8 28.2
 265 22.1 17.1 25.7

