

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134444.D
 Acq On : 24 Jul 2023 23:22
 Operator : CG\JU
 Sample : 03652-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP17

Quant Time: Jul 25 02:55:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

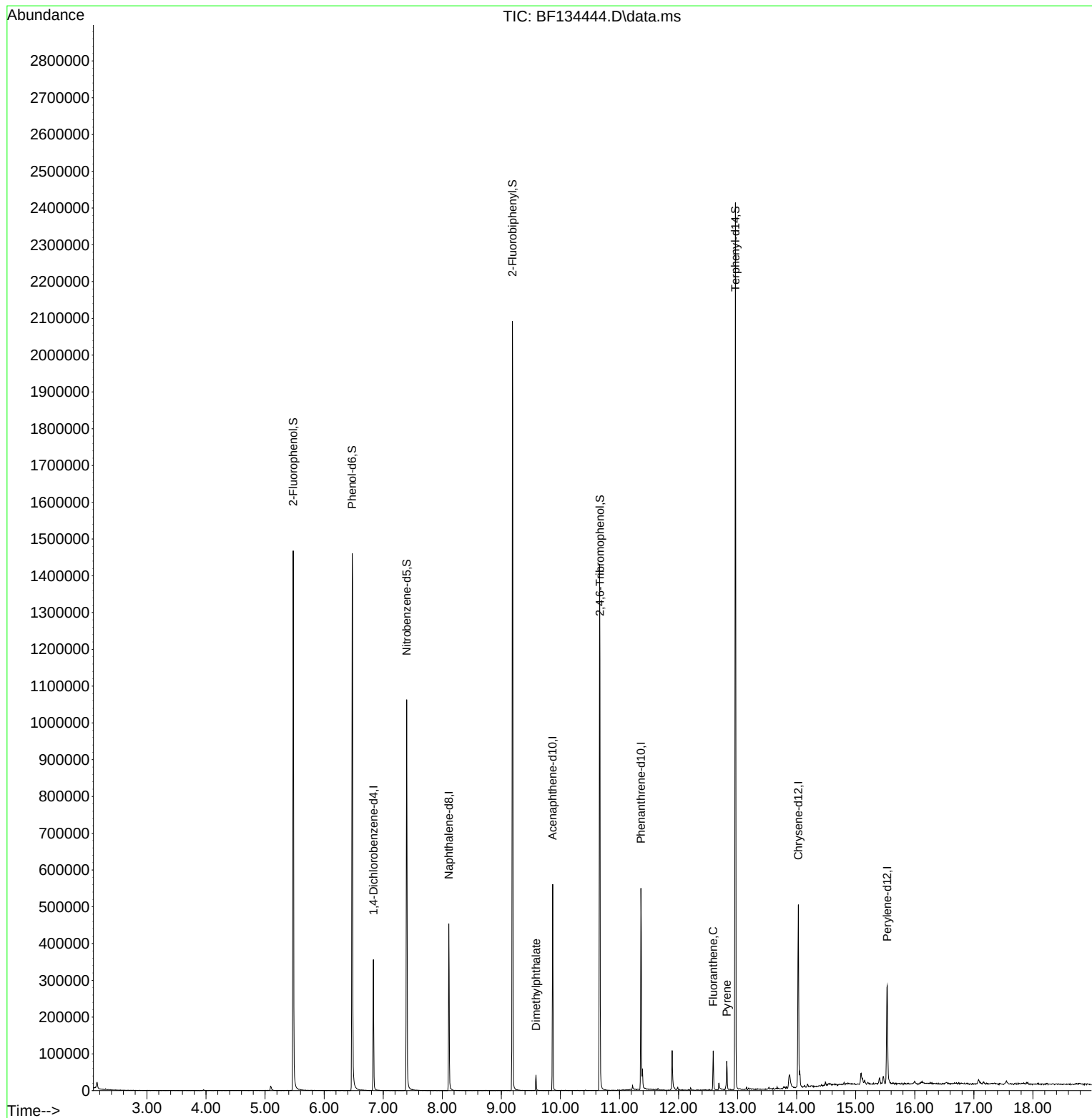
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	49060	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	191409	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	98146	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	197009	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	156361	20.000	ng	0.00
86) Perylene-d12	15.533	264	139574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	367324	123.703	ng	0.00
7) Phenol-d6	6.475	99	486955	133.849	ng	0.00
23) Nitrobenzene-d5	7.398	82	304027	80.362	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	182876	131.143	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	629284	84.172	ng	0.00
79) Terphenyl-d14	12.963	244	817054	91.218	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.586	163	17135	2.355	ng	98
75) Fluoranthene	12.586	202	41666	3.473	ng	98
78) Pyrene	12.816	202	32721	2.632	ng	99

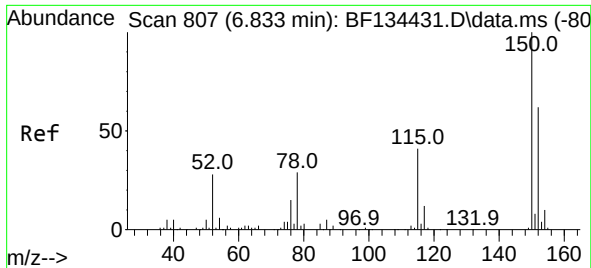
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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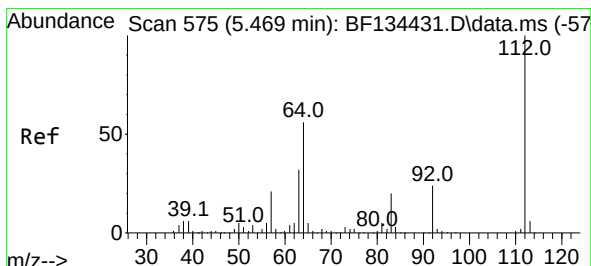
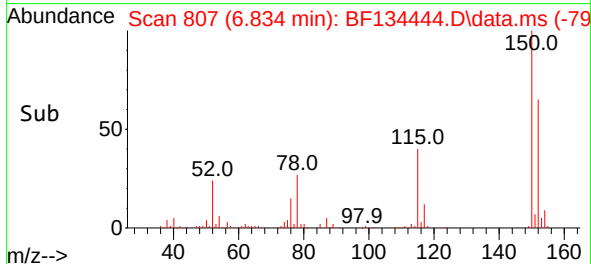
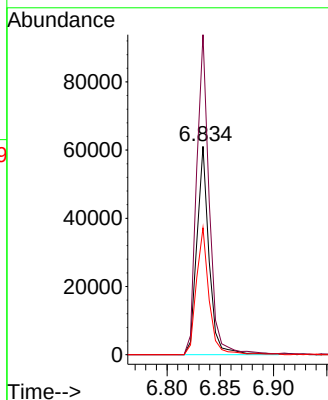
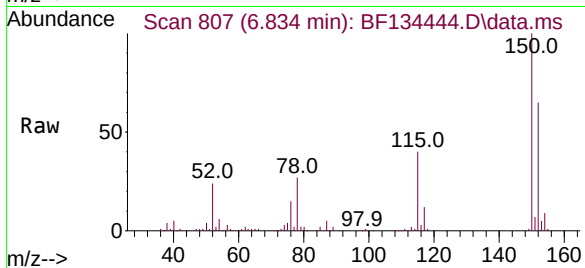




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.001 min
Lab File: BF134444.D
Acq: 24 Jul 2023 23:22

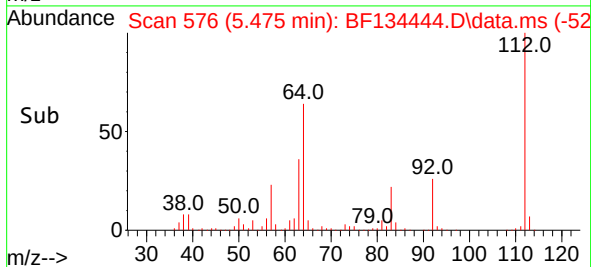
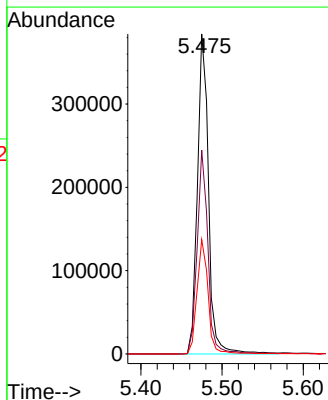
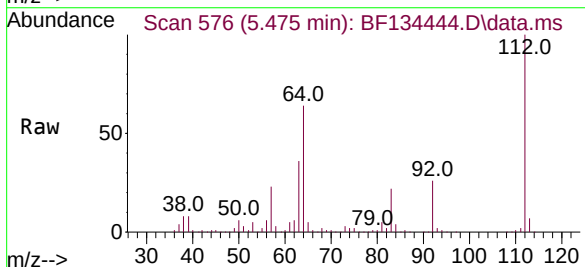
Instrument :
BNA_F
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TP17

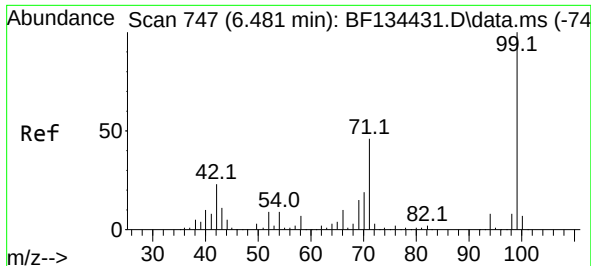
Tgt Ion:152 Resp: 49060
Ion Ratio Lower Upper
152 100
150 153.6 128.3 192.5
115 60.9 52.4 78.6



#5
2-Fluorophenol
Concen: 123.703 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134444.D
Acq: 24 Jul 2023 23:22

Tgt Ion:112 Resp: 367324
Ion Ratio Lower Upper
112 100
64 63.7 44.9 67.3
63 35.7 25.4 38.0

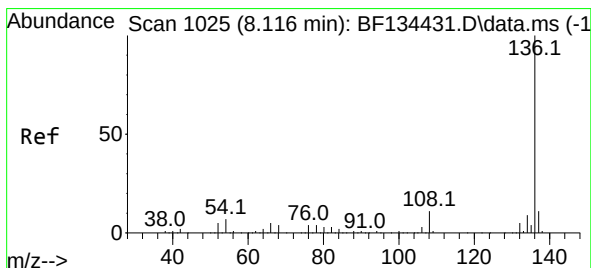
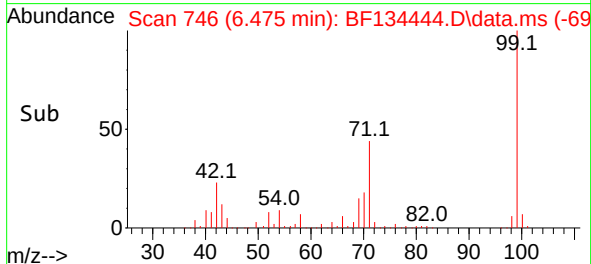
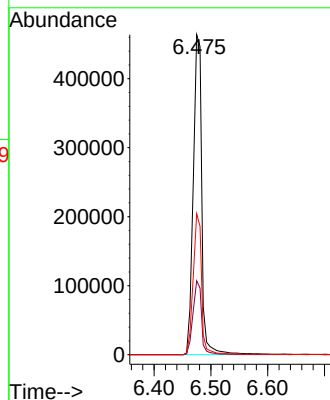
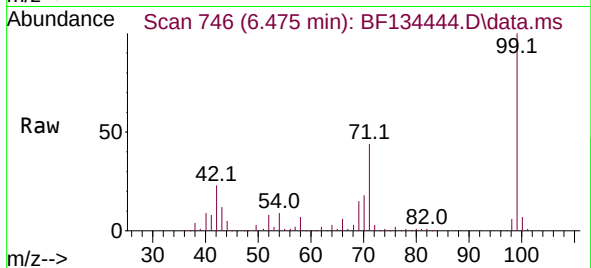




#7
Phenol-d6
Concen: 133.849 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134444.D
Acq: 24 Jul 2023 23:22

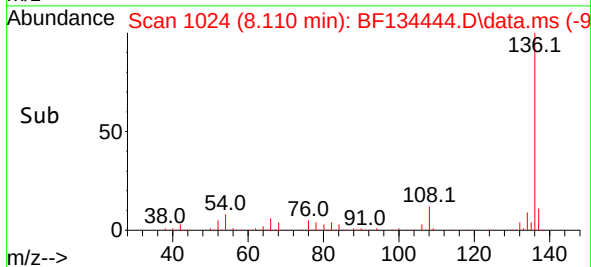
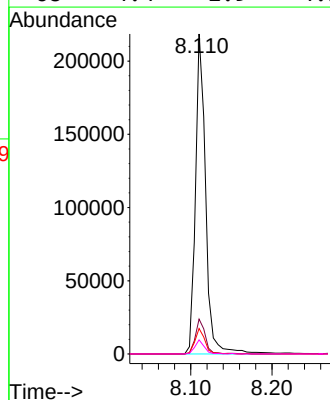
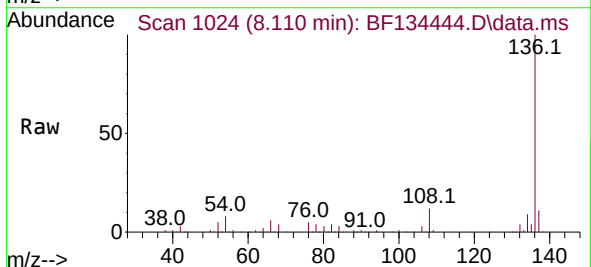
Instrument :
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ClientSampleId :
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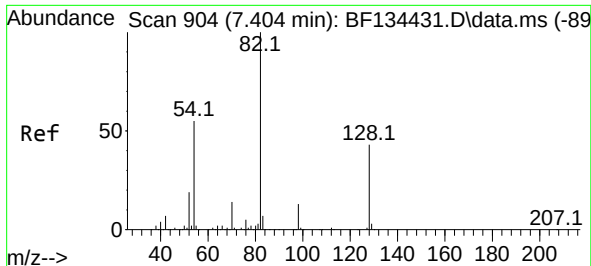
Tgt Ion: 99 Resp: 486955
Ion Ratio Lower Upper
99 100
42 23.1 18.7 28.1
71 44.0 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF134444.D
Acq: 24 Jul 2023 23:22

Tgt Ion: 136 Resp: 191409
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.9 5.2 7.8#
68 4.4 2.9 4.3#

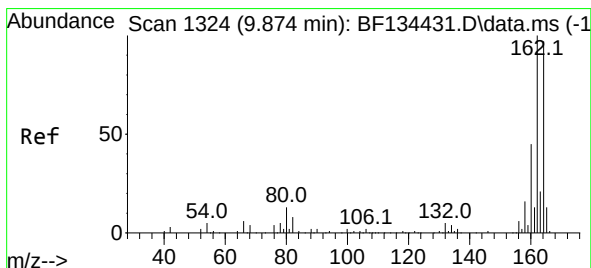
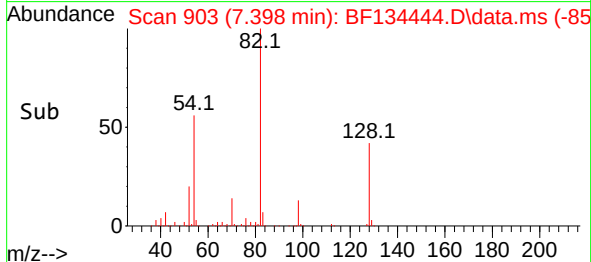
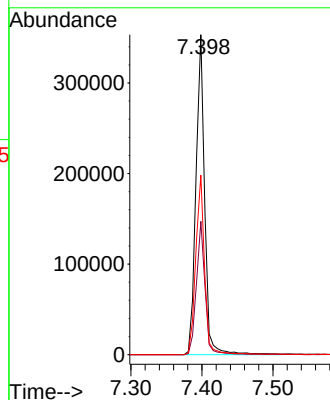
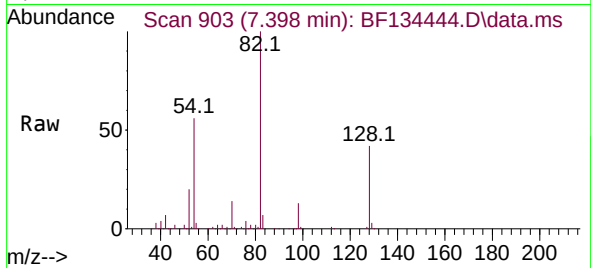




#23
Nitrobenzene-d5
Concen: 80.362 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF134444.D
Acq: 24 Jul 2023 23:22

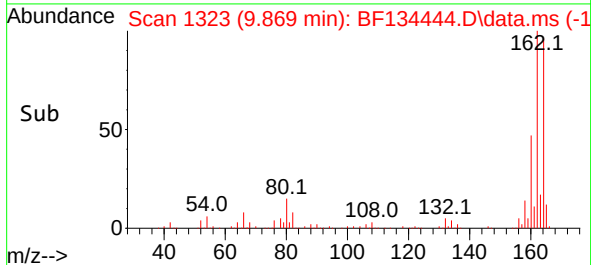
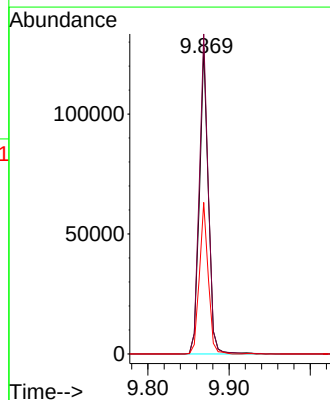
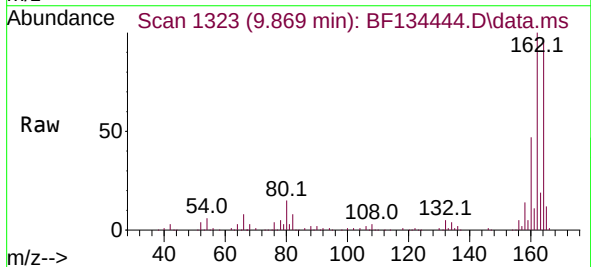
Instrument :
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ClientSampleId :
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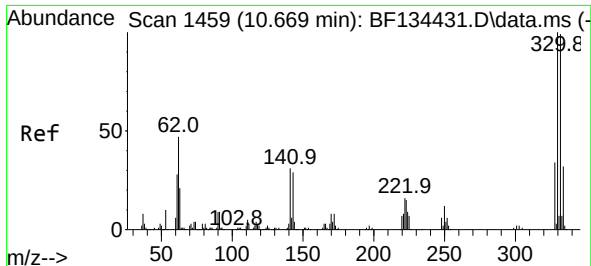
Tgt Ion: 82 Resp: 304027
Ion Ratio Lower Upper
82 100
128 41.7 34.3 51.5
54 56.1 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF134444.D
Acq: 24 Jul 2023 23:22

Tgt Ion: 164 Resp: 98146
Ion Ratio Lower Upper
164 100
162 104.5 82.6 123.8
160 49.5 37.2 55.8

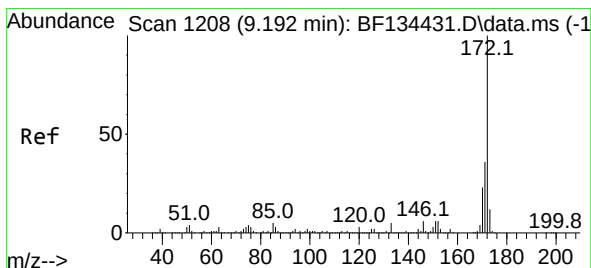
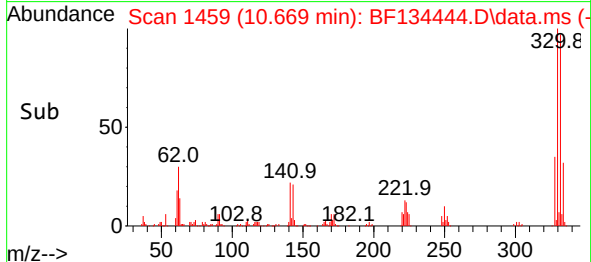
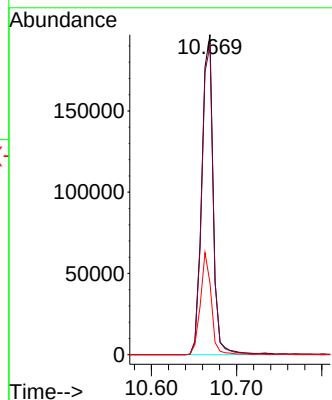
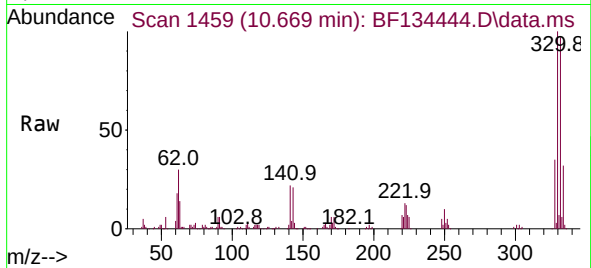




#42
2,4,6-Tribromophenol
Concen: 131.143 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF134444.D
Acq: 24 Jul 2023 23:22

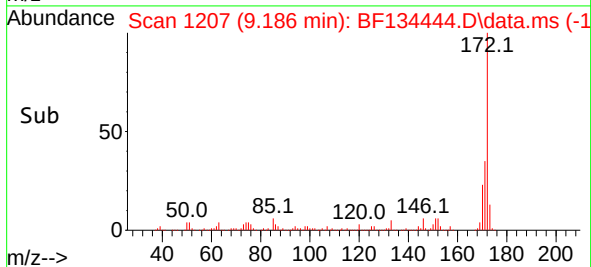
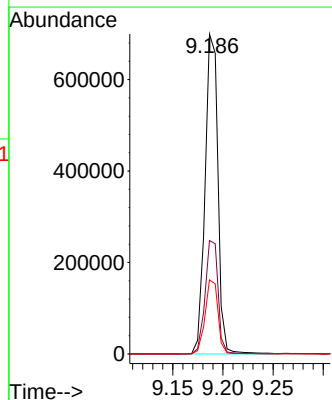
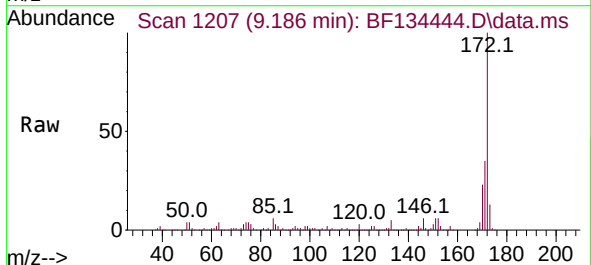
Instrument :
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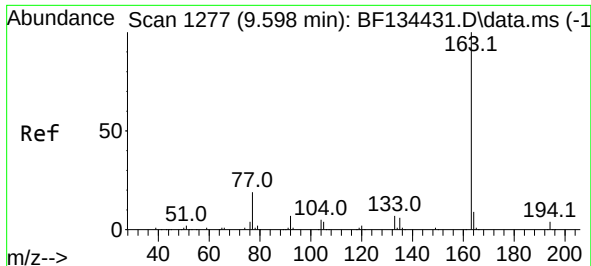
Tgt Ion:330 Resp: 182876
Ion Ratio Lower Upper
330 100
332 96.8 78.8 118.2
141 30.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 84.172 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF134444.D
Acq: 24 Jul 2023 23:22

Tgt Ion:172 Resp: 629284
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.2 18.7 28.1

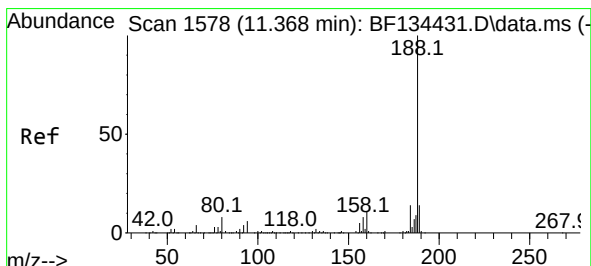
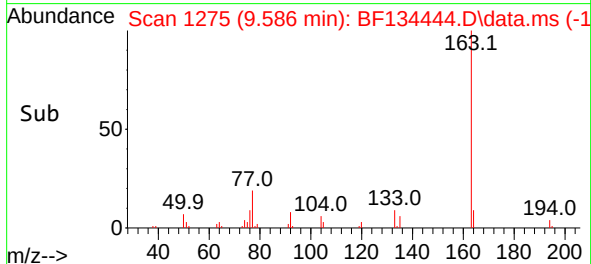
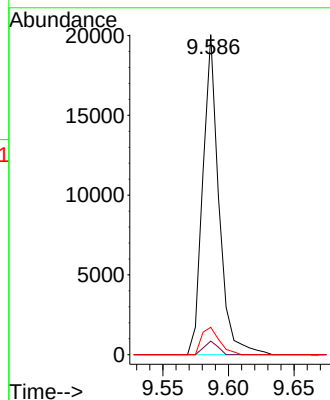
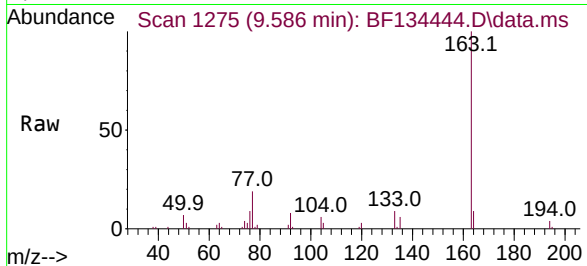




#50
Dimethylphthalate
Concen: 2.355 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134444.D
Acq: 24 Jul 2023 23:22

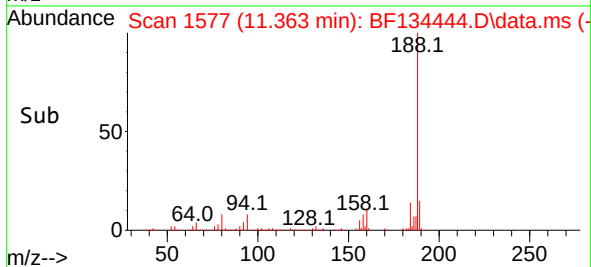
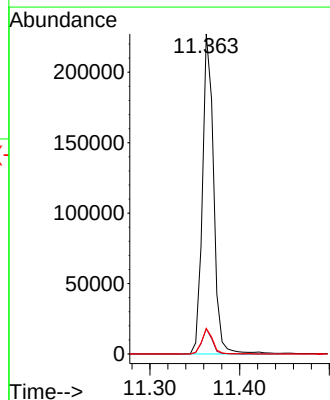
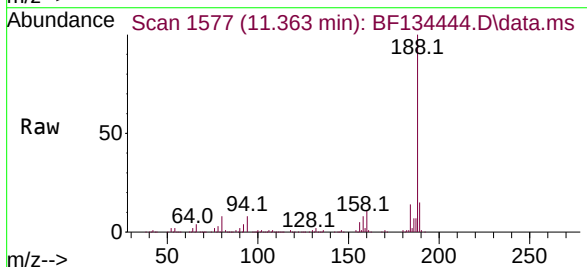
Instrument :
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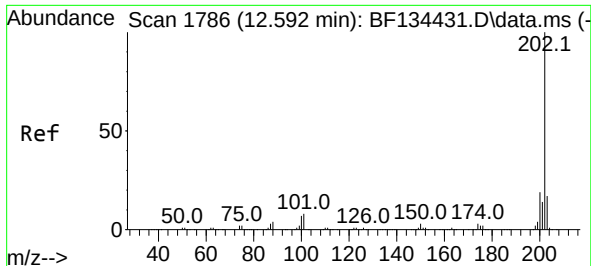
Tgt Ion:163 Resp: 17135
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 8.6 7.5 11.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF134444.D
Acq: 24 Jul 2023 23:22

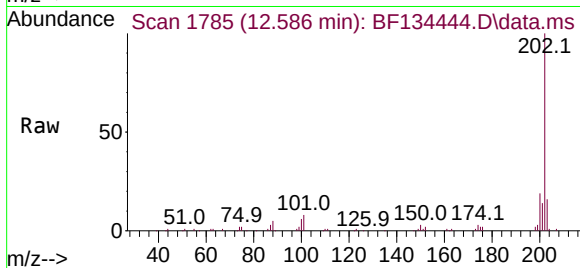
Tgt Ion:188 Resp: 197009
Ion Ratio Lower Upper
188 100
94 7.9 5.1 7.7#
80 8.0 6.6 9.8



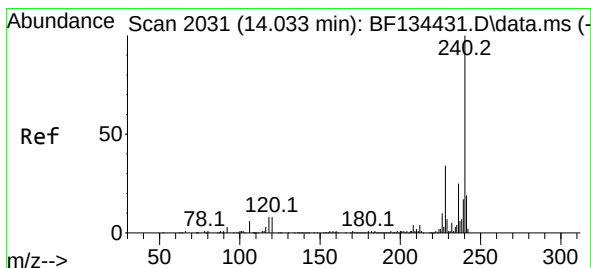
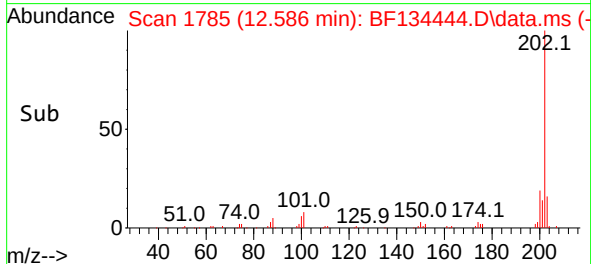
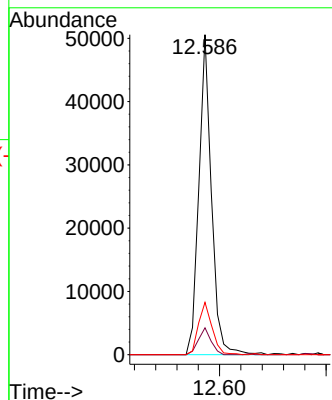


#75
Fluoranthene
Concen: 3.473 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134444.D
Acq: 24 Jul 2023 23:22

Instrument :
BNA_F
ClientSampleId :
TP17

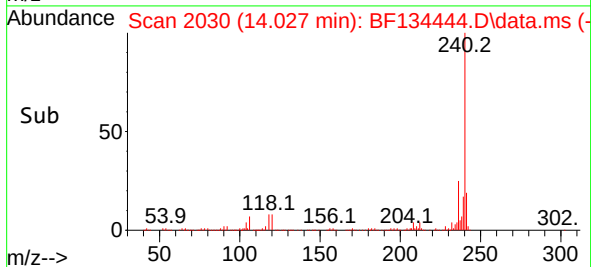
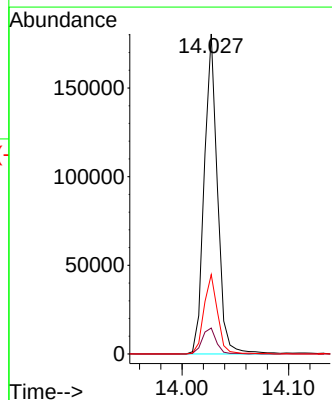
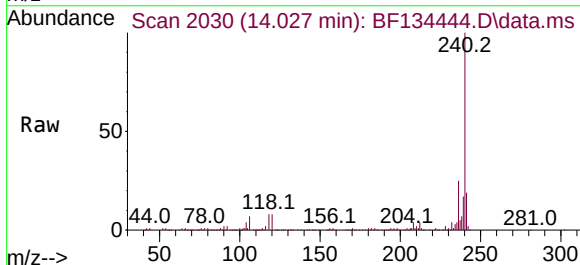


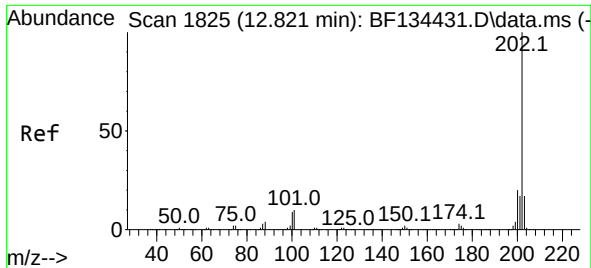
Tgt Ion:202 Resp: 41666
Ion Ratio Lower Upper
202 100
101 8.4 0.0 28.5
203 16.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF134444.D
Acq: 24 Jul 2023 23:22

Tgt Ion:240 Resp: 156361
Ion Ratio Lower Upper
240 100
120 8.1 6.6 10.0
236 24.8 20.2 30.2

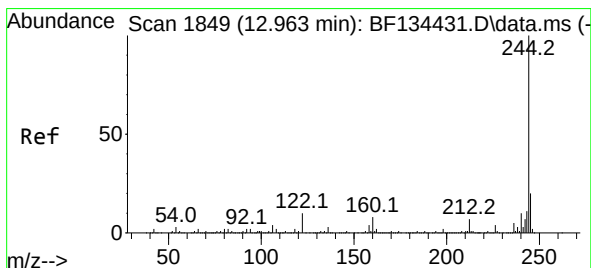
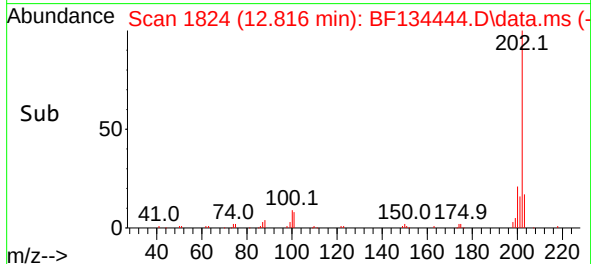
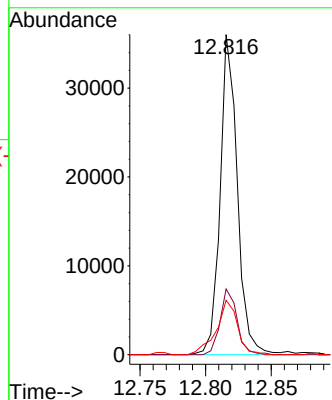
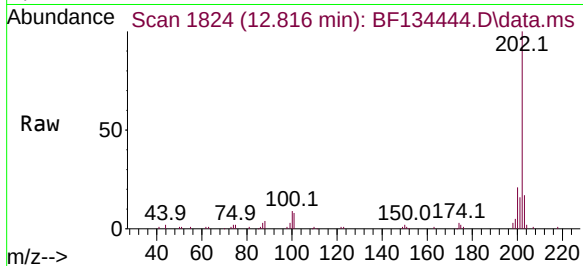




#78
Pyrene
Concen: 2.632 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF134444.D
Acq: 24 Jul 2023 23:22

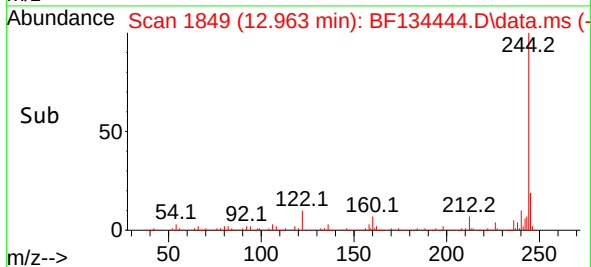
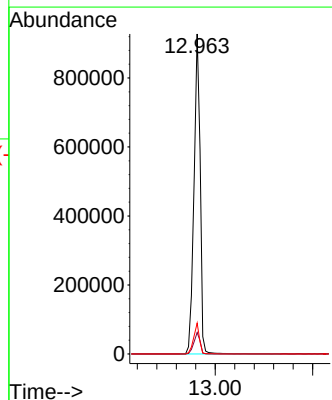
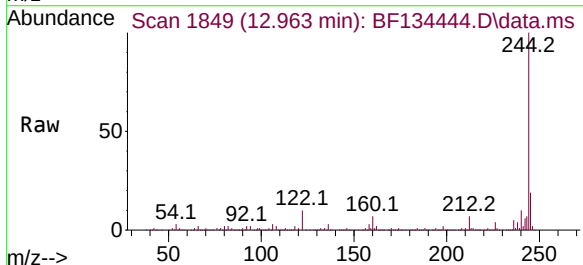
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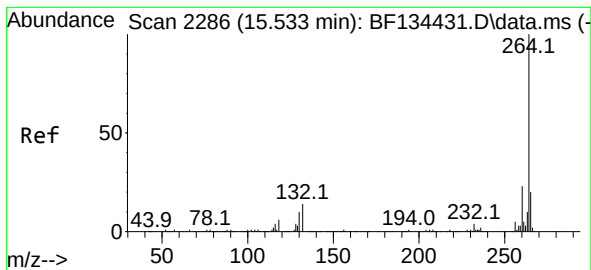
Tgt Ion:202 Resp: 32721
Ion Ratio Lower Upper
202 100
200 20.6 15.8 23.8
203 17.0 13.5 20.3



#79
Terphenyl-d14
Concen: 91.218 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF134444.D
Acq: 24 Jul 2023 23:22

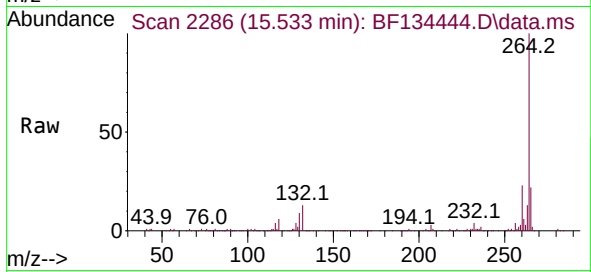
Tgt Ion:244 Resp: 817054
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 9.6 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF134444.D
 Acq: 24 Jul 2023 23:22

Instrument :
 BNA_F
 ClientSampleId :
 TP17



Tgt Ion:264 Resp: 139574
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 21.6 15.8 23.8

