

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101822\
 Data File : BF130701.D
 Acq On : 18 Oct 2022 16:44
 Operator : CG\JU
 Sample : N5166-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5388-1

Quant Time: Oct 18 18:13:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

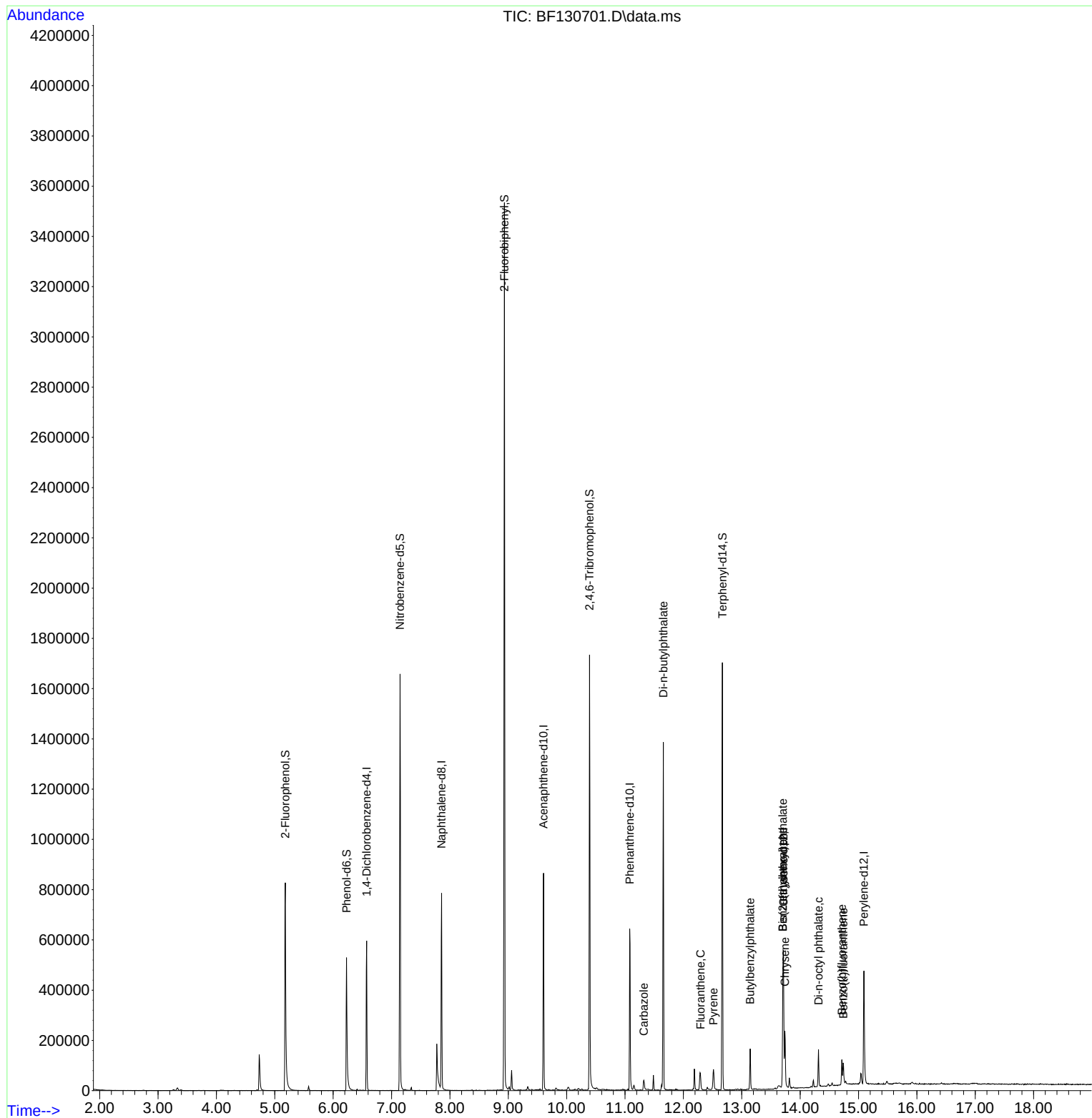
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.575	152	87475	20.000	ng	0.00
21) Naphthalene-d8	7.857	136	333583	20.000	ng	0.00
39) Acenaphthene-d10	9.604	164	164639	20.000	ng	0.00
64) Phenanthrene-d10	11.080	188	233313	20.000	ng	0.00
76) Chrysene-d12	13.715	240	141385	20.000	ng	0.00
86) Perylene-d12	15.092	264	186862	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	291705	60.110	ng	0.01
7) Phenol-d6	6.228	99	208015	34.093	ng	0.00
23) Nitrobenzene-d5	7.145	82	559260	91.523	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	206756	128.341	ng	0.00
45) 2-Fluorobiphenyl	8.933	172	1026922	94.481	ng	0.00
79) Terphenyl-d14	12.668	244	546966	64.209	ng	0.00
Target Compounds						
						Qvalue
73) Carbazole	11.322	167	26533	2.355	ng	97
74) Di-n-butylphthalate	11.657	149	638608	46.799	ng	100
75) Fluoranthene	12.292	202	44315	3.567	ng	98
78) Pyrene	12.516	202	47516	3.896	ng	98
80) Butylbenzylphthalate	13.145	149	41840	8.921	ng	98
81) Benzo(a)anthracene	13.704	228	93549	9.820	ng	99
83) Chrysene	13.739	228	100399	11.115	ng	97
84) Bis(2-ethylhexyl)phtha...	13.704	149	55907	9.832	ng	98
85) Di-n-octyl phthalate	14.315	149	71550	8.216	ng	99
88) Benzo(b)fluoranthene	14.715	252	40860	3.453	ng	98
89) Benzo(k)fluoranthene	14.739	252	42581	3.534	ng	97

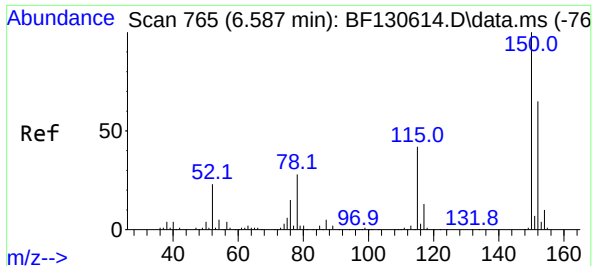
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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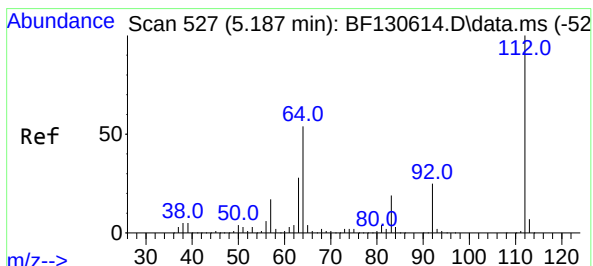
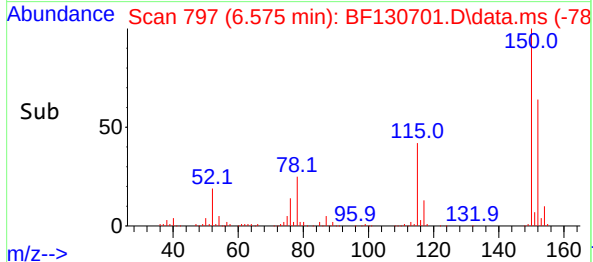
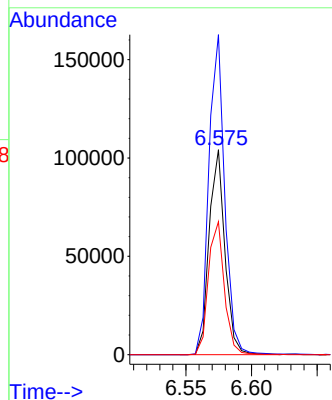
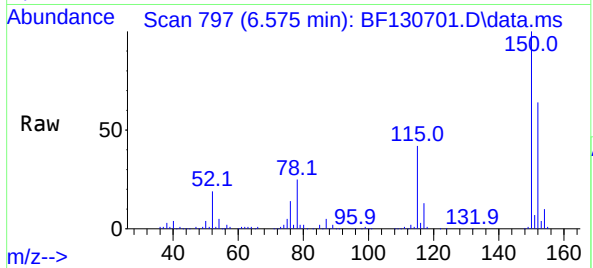




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.575 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF130701.D
Acq: 18 Oct 2022 16:44

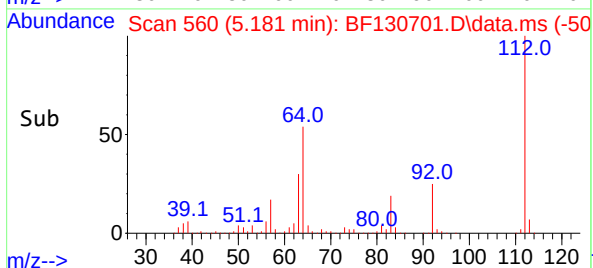
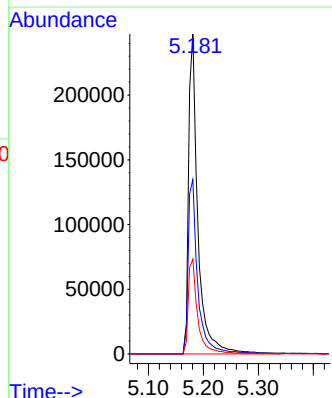
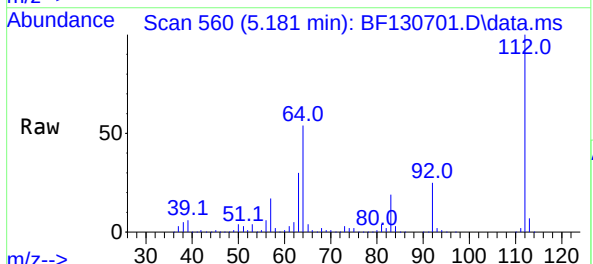
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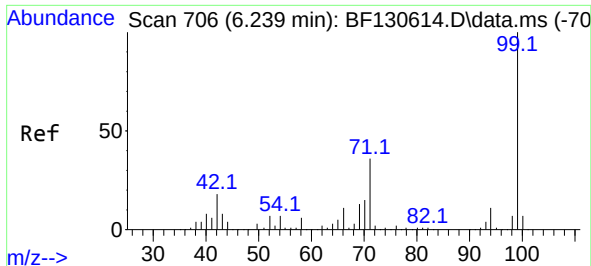
Tgt Ion:152 Resp: 87475
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.6
115 64.8 52.2 78.4



#5
2-Fluorophenol
Concen: 60.110 ng
RT: 5.181 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF130701.D
Acq: 18 Oct 2022 16:44

Tgt Ion:112 Resp: 291705
Ion Ratio Lower Upper
112 100
64 54.5 43.5 65.3
63 29.6 22.6 34.0

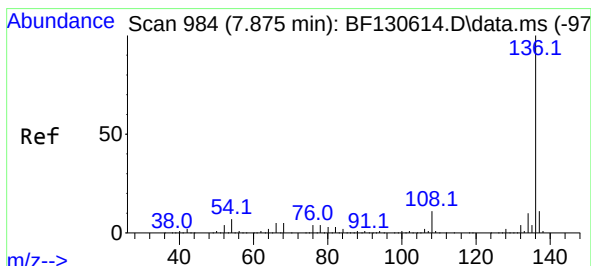
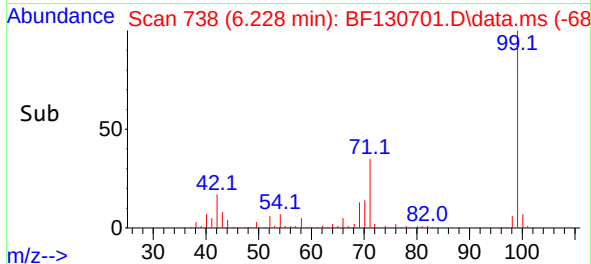
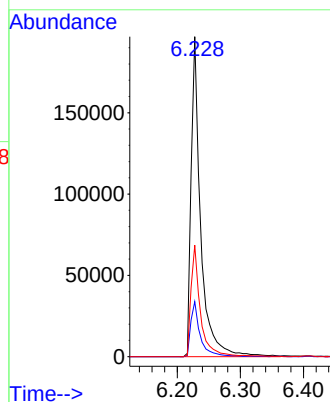
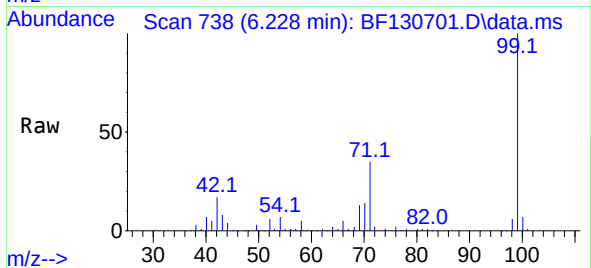




#7
Phenol-d6
Concen: 34.093 ng
RT: 6.228 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130701.D
Acq: 18 Oct 2022 16:44

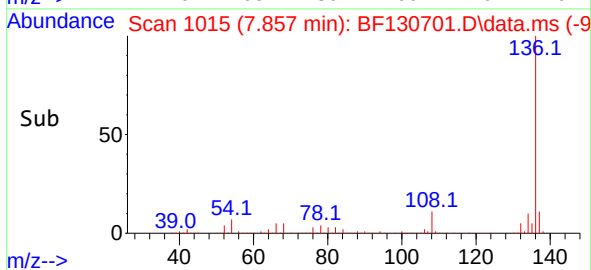
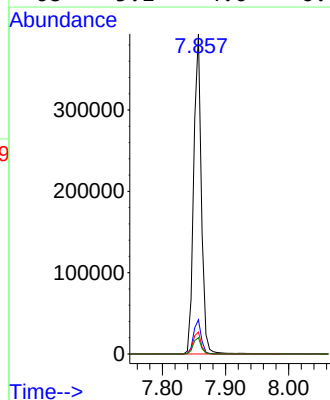
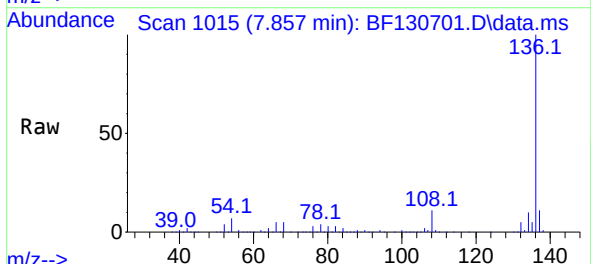
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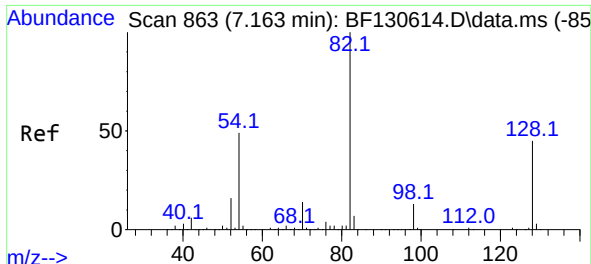
Tgt Ion: 99 Resp: 208015
Ion Ratio Lower Upper
99 100
42 17.2 14.0 21.0
71 34.9 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.857 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BF130701.D
Acq: 18 Oct 2022 16:44

Tgt Ion: 136 Resp: 333583
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 6.9 5.5 8.3
68 5.1 4.0 6.0

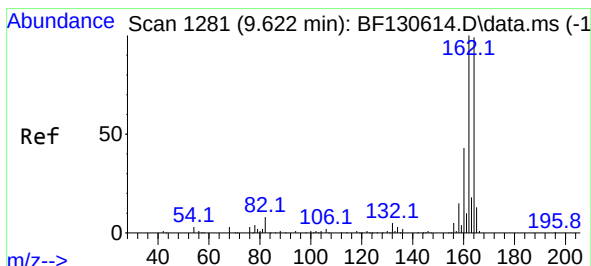
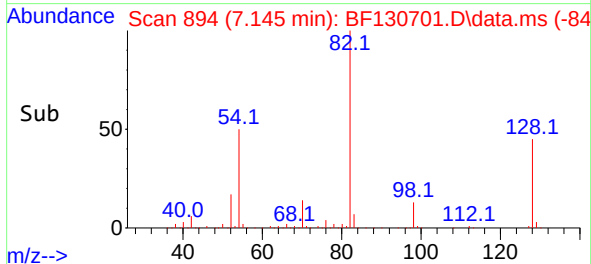
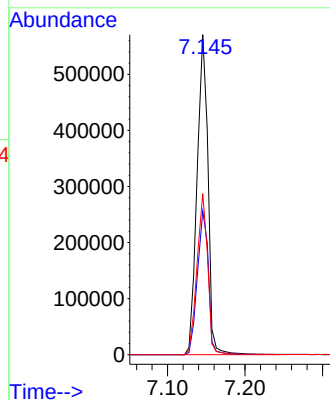
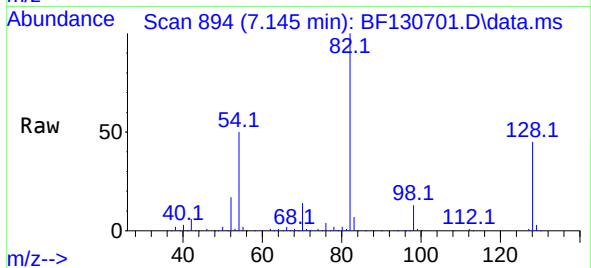




#23
 Nitrobenzene-d5
 Concen: 91.523 ng
 RT: 7.145 min Scan# 894
 Delta R.T. -0.006 min
 Lab File: BF130701.D
 Acq: 18 Oct 2022 16:44

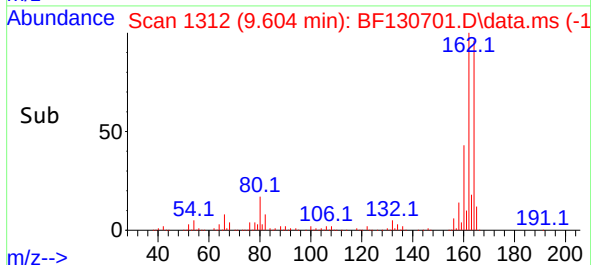
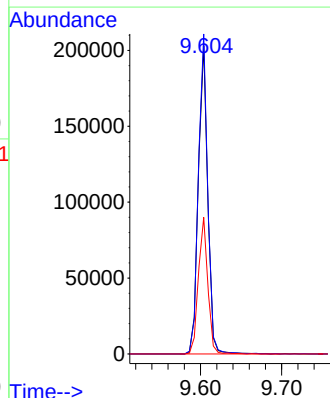
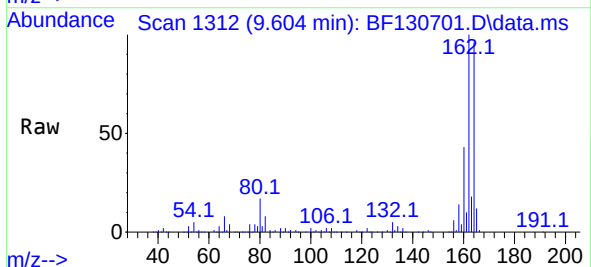
Instrument :
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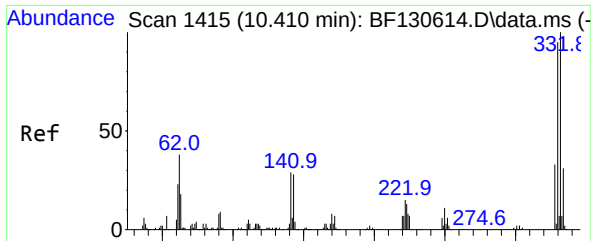
Tgt Ion: 82 Resp: 559260
 Ion Ratio Lower Upper
 82 100
 128 44.9 35.8 53.6
 54 50.3 39.3 58.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.604 min Scan# 1312
 Delta R.T. -0.006 min
 Lab File: BF130701.D
 Acq: 18 Oct 2022 16:44

Tgt Ion: 164 Resp: 164639
 Ion Ratio Lower Upper
 164 100
 162 103.8 81.0 121.4
 160 44.3 34.5 51.7

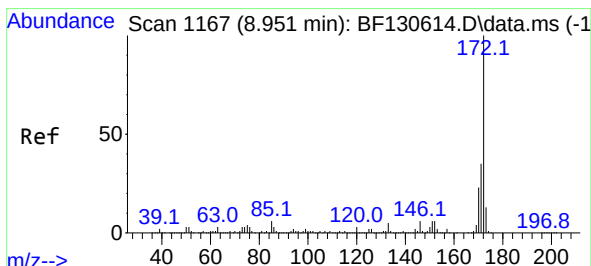
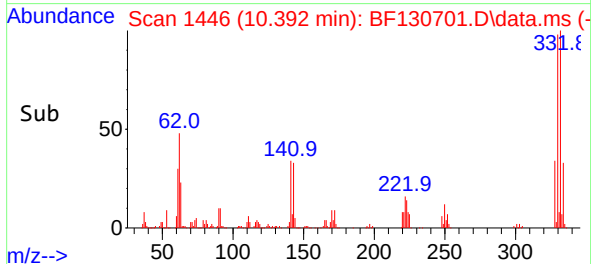
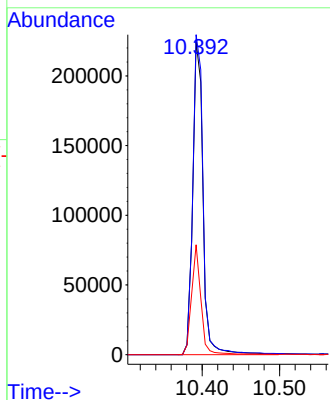
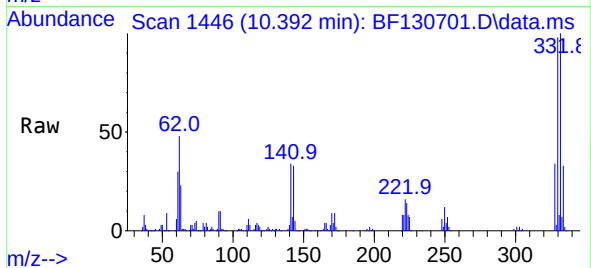




#42
2,4,6-Tribromophenol
Concen: 128.341 ng
RT: 10.392 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF130701.D
Acq: 18 Oct 2022 16:44

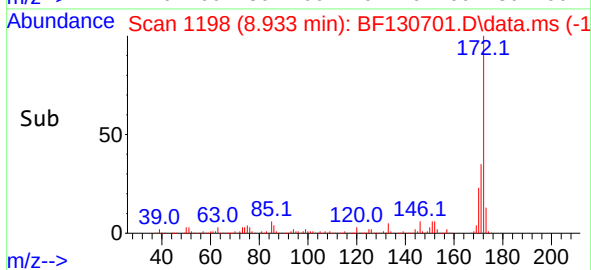
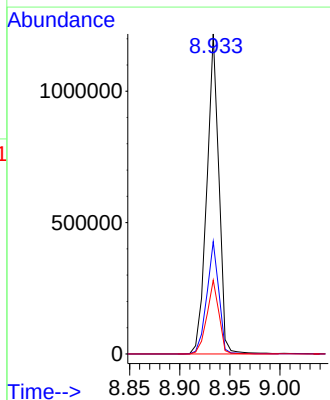
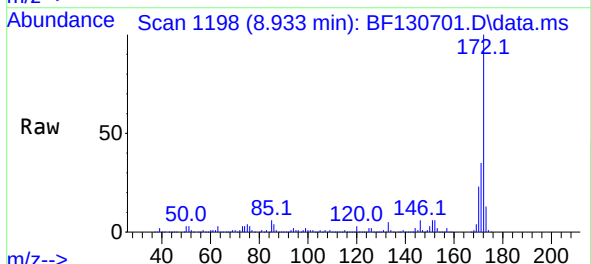
Instrument :
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ClientSampleId :
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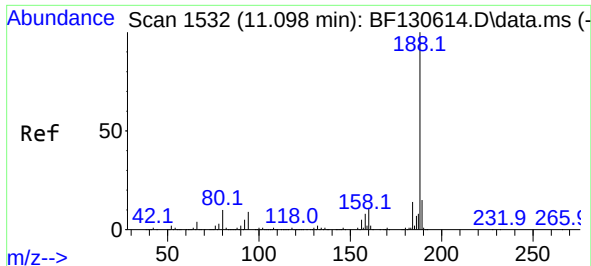
Tgt Ion:330 Resp: 206756
Ion Ratio Lower Upper
330 100
332 104.0 84.2 126.4
141 32.5 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 94.481 ng
RT: 8.933 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF130701.D
Acq: 18 Oct 2022 16:44

Tgt Ion:172 Resp: 1026922
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 23.1 18.6 27.8

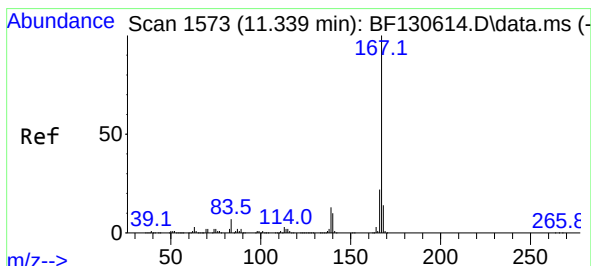
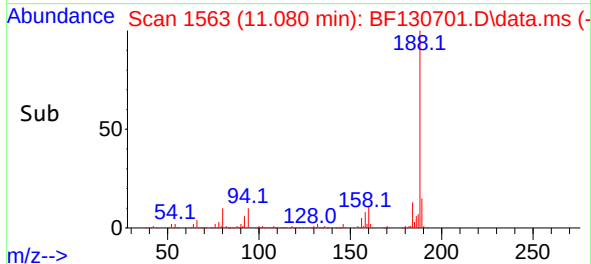
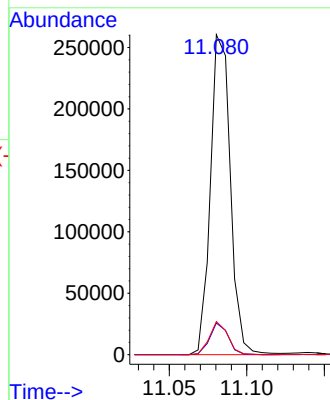
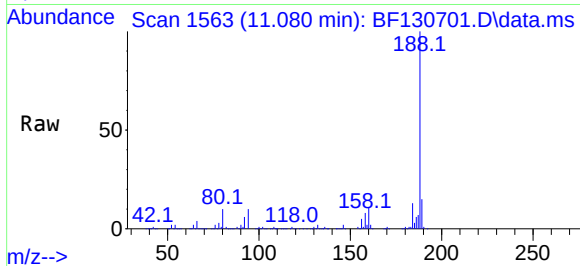




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130701.D
Acq: 18 Oct 2022 16:44

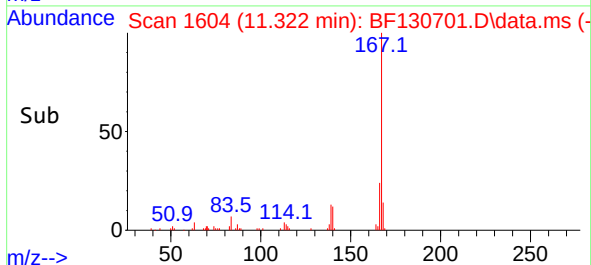
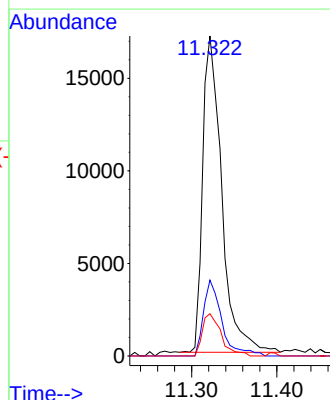
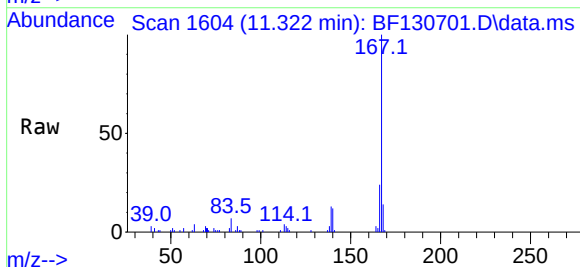
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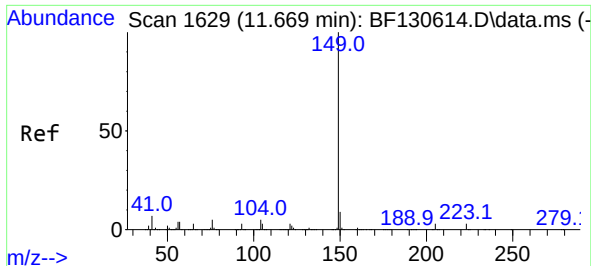
Tgt Ion:188 Resp: 233313
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.4 8.0 12.0



#73
Carbazole
Concen: 2.355 ng
RT: 11.322 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BF130701.D
Acq: 18 Oct 2022 16:44

Tgt Ion:167 Resp: 26533
Ion Ratio Lower Upper
167 100
166 23.7 17.3 25.9
139 13.2 10.7 16.1

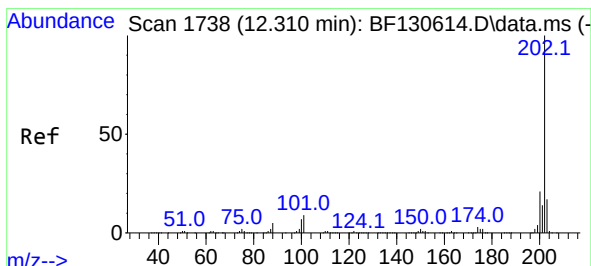
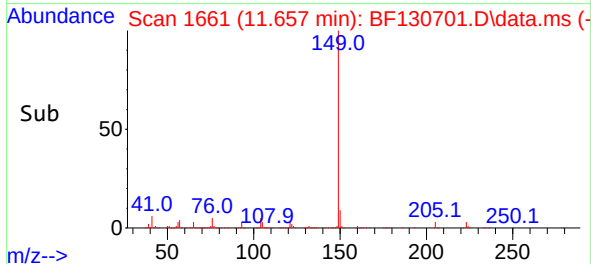
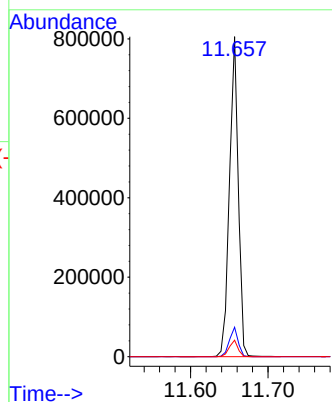
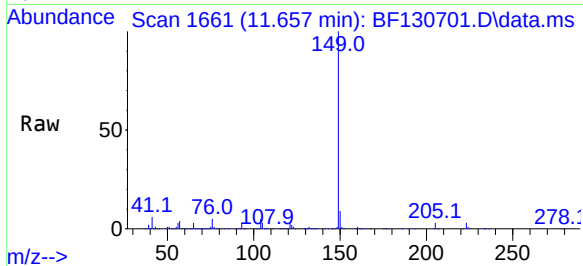




#74
Di-n-butylphthalate
Concen: 46.799 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF130701.D
Acq: 18 Oct 2022 16:44

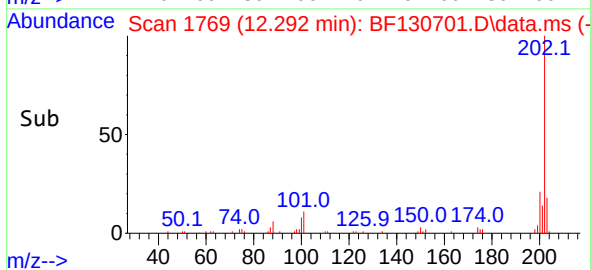
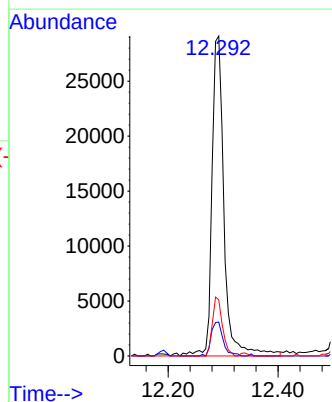
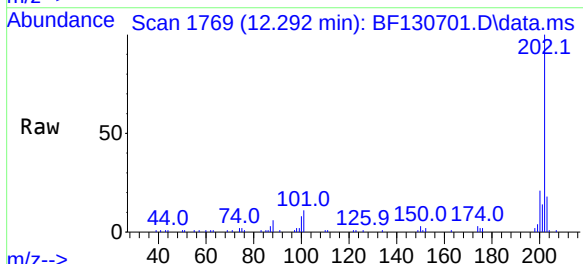
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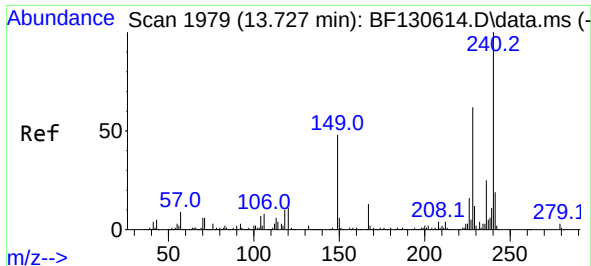
Tgt Ion:149 Resp: 638608
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.1 4.2 6.2



#75
Fluoranthene
Concen: 3.567 ng
RT: 12.292 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF130701.D
Acq: 18 Oct 2022 16:44

Tgt Ion:202 Resp: 44315
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.1
203 17.5 0.0 37.3

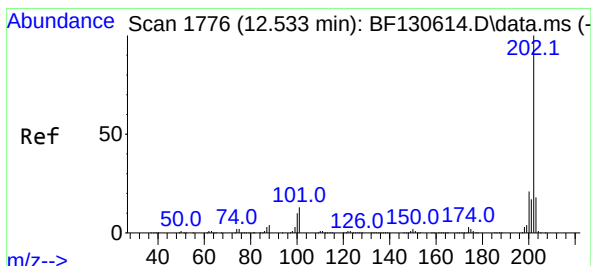
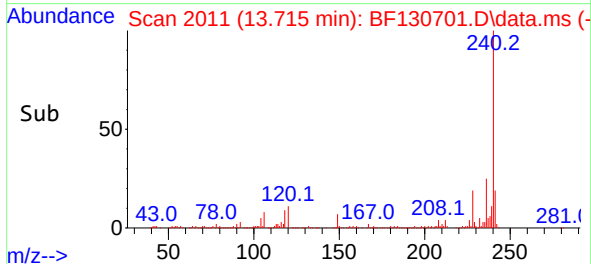
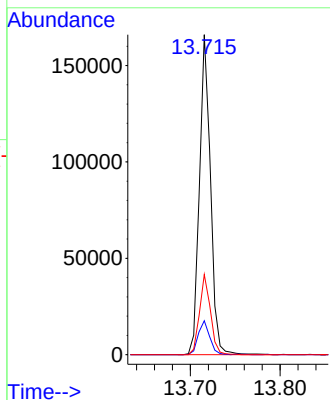
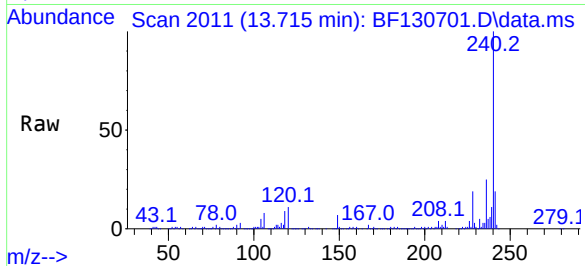




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.715 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF130701.D
Acq: 18 Oct 2022 16:44

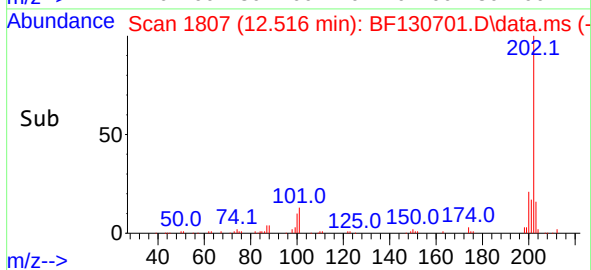
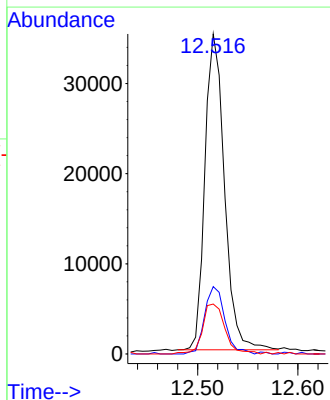
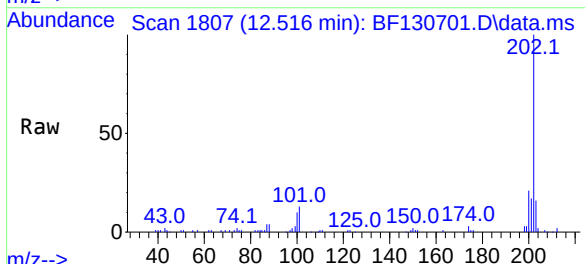
Instrument :
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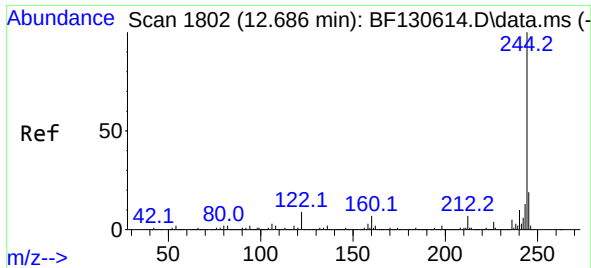
Tgt Ion:240 Resp: 141385
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 25.0 20.2 30.4



#78
Pyrene
Concen: 3.896 ng
RT: 12.516 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BF130701.D
Acq: 18 Oct 2022 16:44

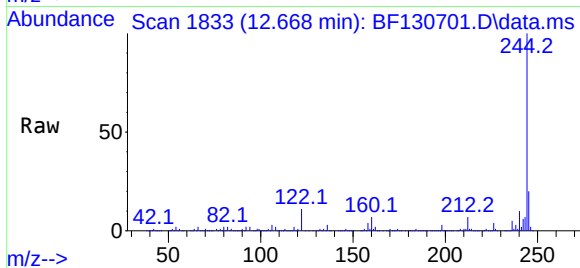
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Ion Ratio Lower Upper
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203 15.6 14.0 21.0



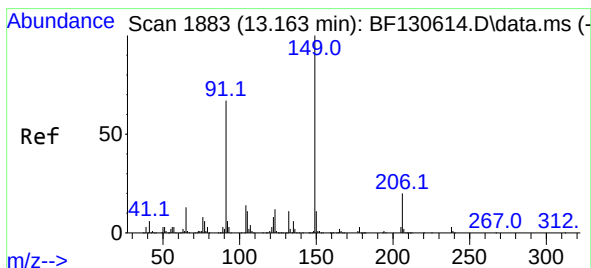
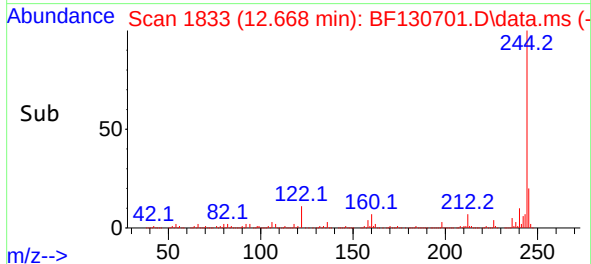
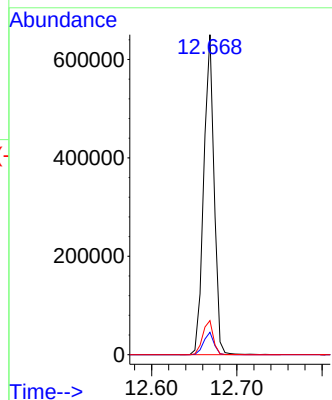


#79
 Terphenyl-d14
 Concen: 64.209 ng
 RT: 12.668 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130701.D
 Acq: 18 Oct 2022 16:44

Instrument :
 BNA_F
 ClientSampleId :
 5388-1

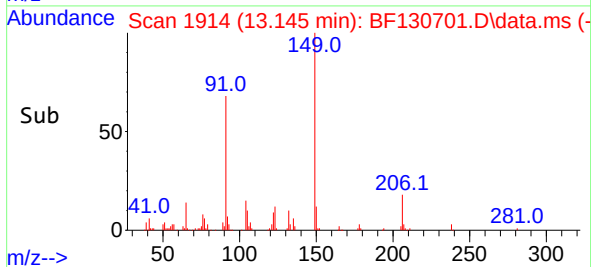
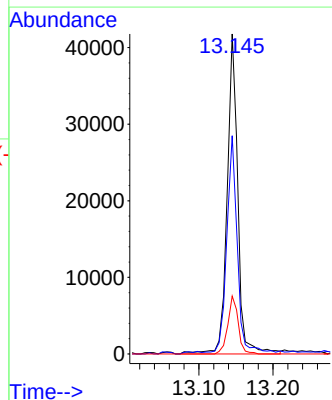
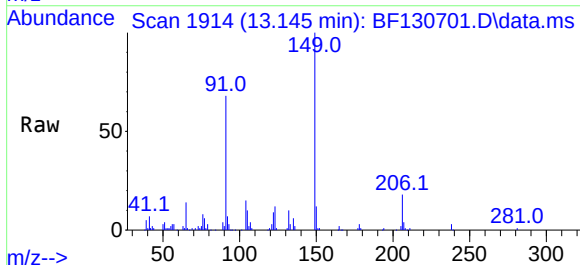


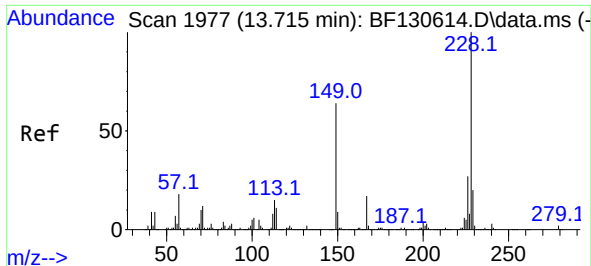
Tgt Ion:244 Resp: 546966
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.6 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 8.921 ng
 RT: 13.145 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: BF130701.D
 Acq: 18 Oct 2022 16:44

Tgt Ion:149 Resp: 41840
 Ion Ratio Lower Upper
 149 100
 91 68.2 53.8 80.8
 206 18.1 15.8 23.6

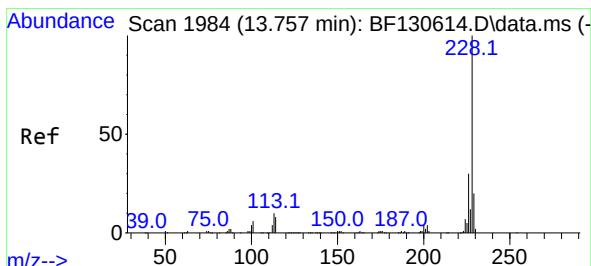
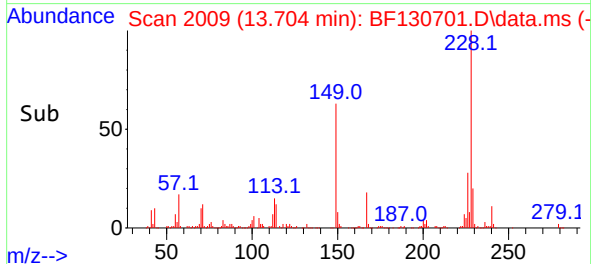
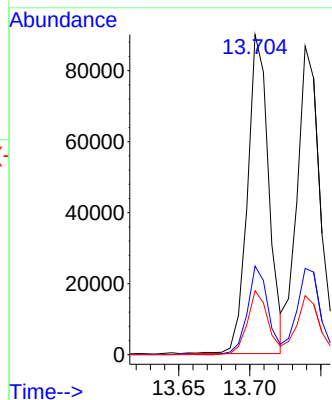
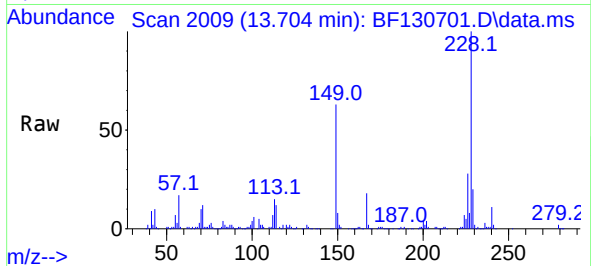




#81
Benzo(a)anthracene
Concen: 9.820 ng
RT: 13.704 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF130701.D
Acq: 18 Oct 2022 16:44

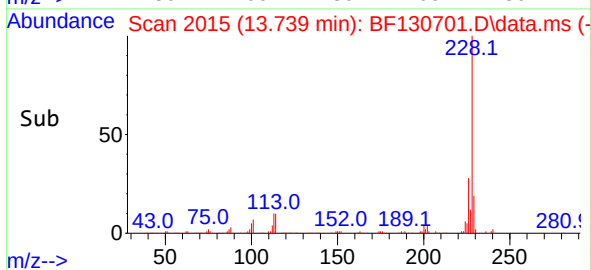
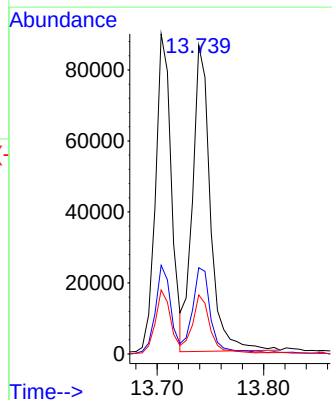
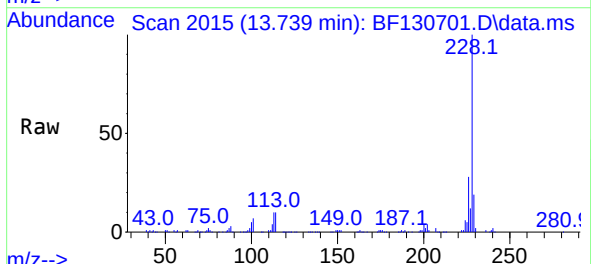
Instrument :
BNA_F
ClientSampleId :
5388-1

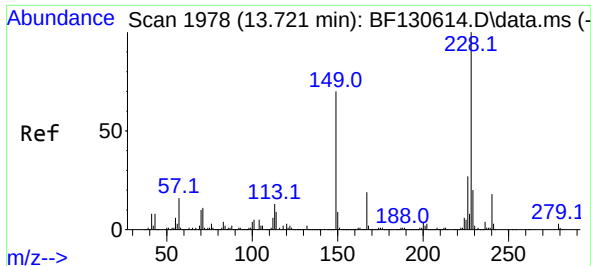
Tgt Ion:228 Resp: 93549
Ion Ratio Lower Upper
228 100
226 27.7 21.4 32.2
229 20.0 15.8 23.8



#83
Chrysene
Concen: 11.115 ng
RT: 13.739 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF130701.D
Acq: 18 Oct 2022 16:44

Tgt Ion:228 Resp: 100399
Ion Ratio Lower Upper
228 100
226 27.9 23.9 35.9
229 19.1 15.9 23.9



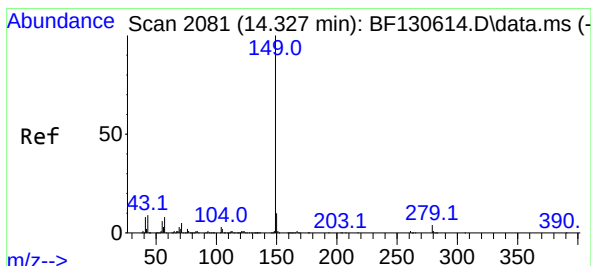
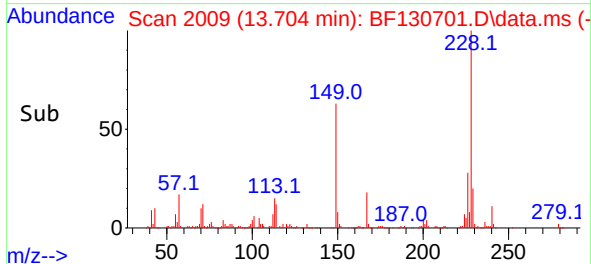
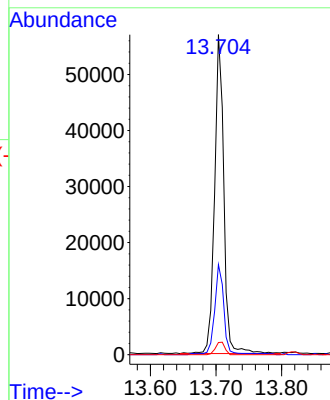
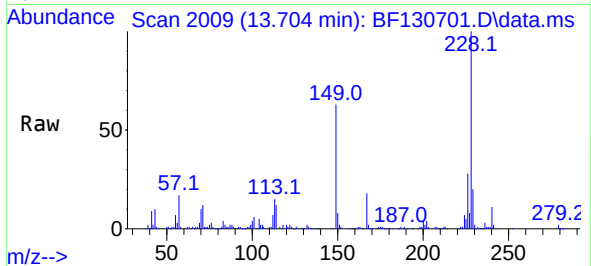


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.832 ng
 RT: 13.704 min Scan# 2011
 Delta R.T. -0.006 min
 Lab File: BF130701.D
 Acq: 18 Oct 2022 16:44

Instrument :
 BNA_F
 ClientSampleId :
 5388-1

Tgt Ion:149 Resp: 55907

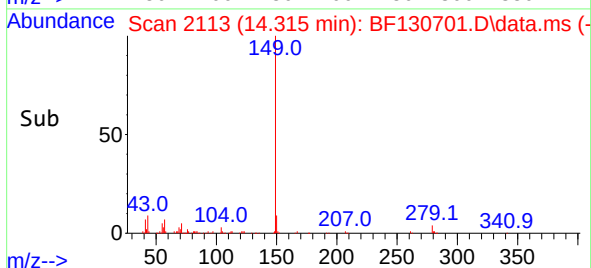
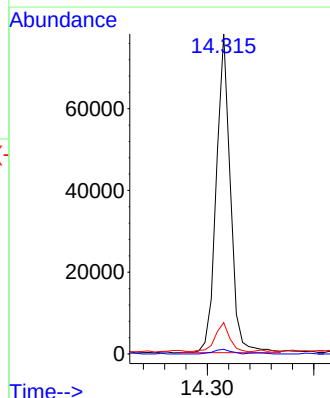
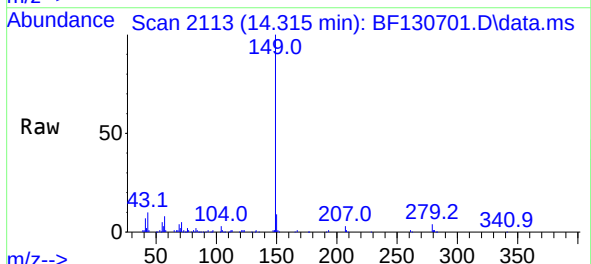
Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.9	32.9
279	3.8	3.8	5.6

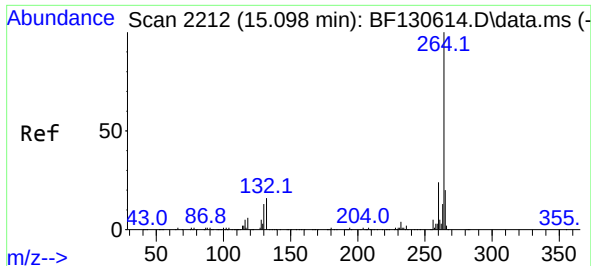


#85
 Di-n-octyl phthalate
 Concen: 8.216 ng
 RT: 14.315 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: BF130701.D
 Acq: 18 Oct 2022 16:44

Tgt Ion:149 Resp: 71550

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	9.3	7.2	10.8

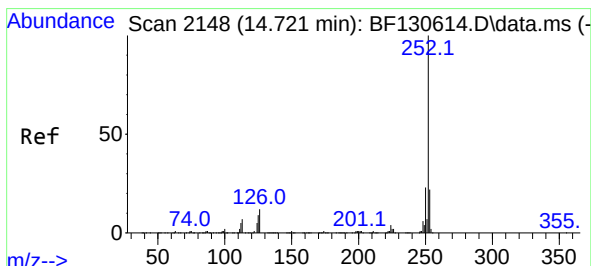
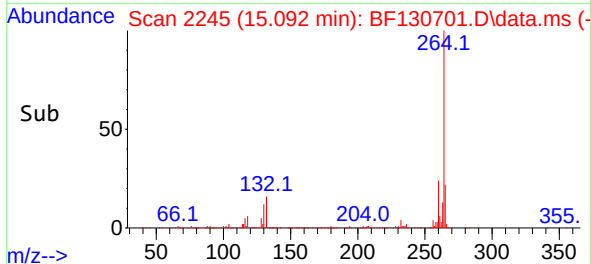
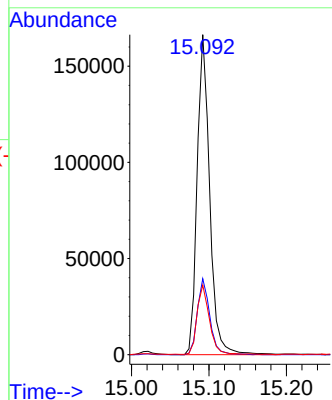
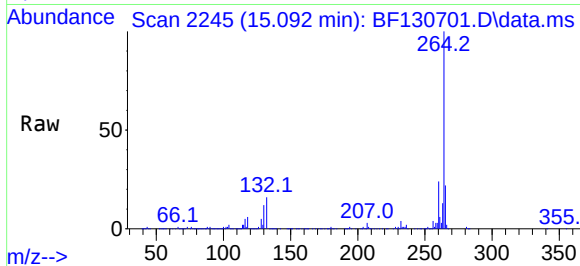




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.092 min Scan# 2181
 Delta R.T. 0.006 min
 Lab File: BF130701.D
 Acq: 18 Oct 2022 16:44

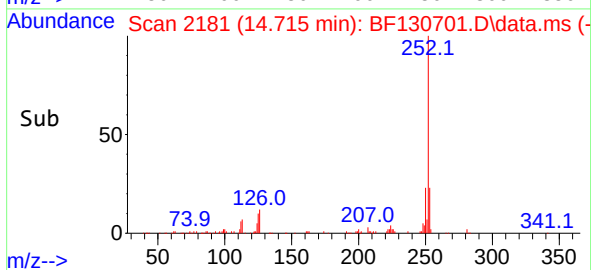
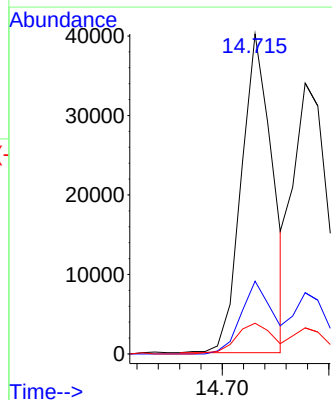
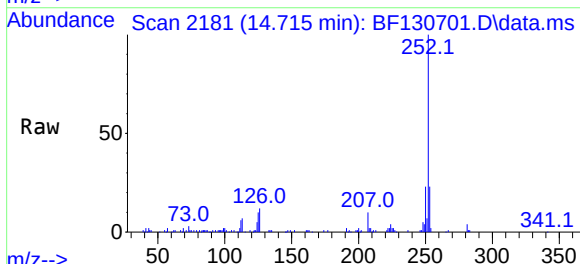
Instrument :
 BNA_F
 ClientSampleId :
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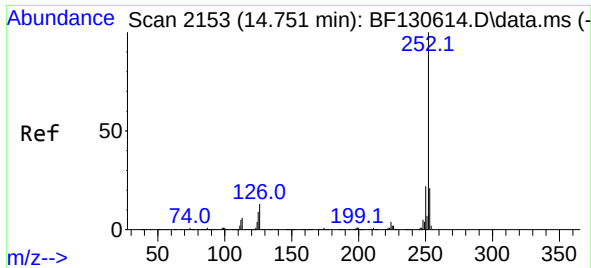
Tgt Ion:264 Resp: 186862
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.7 16.4 24.6



#88
 Benzo(b)fluoranthene
 Concen: 3.453 ng
 RT: 14.715 min Scan# 2181
 Delta R.T. -0.000 min
 Lab File: BF130701.D
 Acq: 18 Oct 2022 16:44

Tgt Ion:252 Resp: 40860
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.4 26.2
 125 9.6 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 3.534 ng
RT: 14.739 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF130701.D
Acq: 18 Oct 2022 16:44

Instrument :
BNA_F
ClientSampleId :
5388-1

Tgt Ion:252 Resp: 42581
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 9.7 7.2 10.8

