

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
 Data File : BF134715.D
 Acq On : 10 Aug 2023 18:27
 Operator : CG\JU
 Sample : 03954-16 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20

Quant Time: Aug 11 03:56:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	158504	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	594670	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	281537	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	457462	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	319865	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	295877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	470570	45.129	ng	0.00
7) Phenol-d6	6.434	99	564670	42.363	ng	0.00
23) Nitrobenzene-d5	7.357	82	343182	36.064	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	131979	45.986	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	675178	39.874	ng	-0.01
79) Terphenyl-d14	12.916	244	610029	33.620	ng	0.00

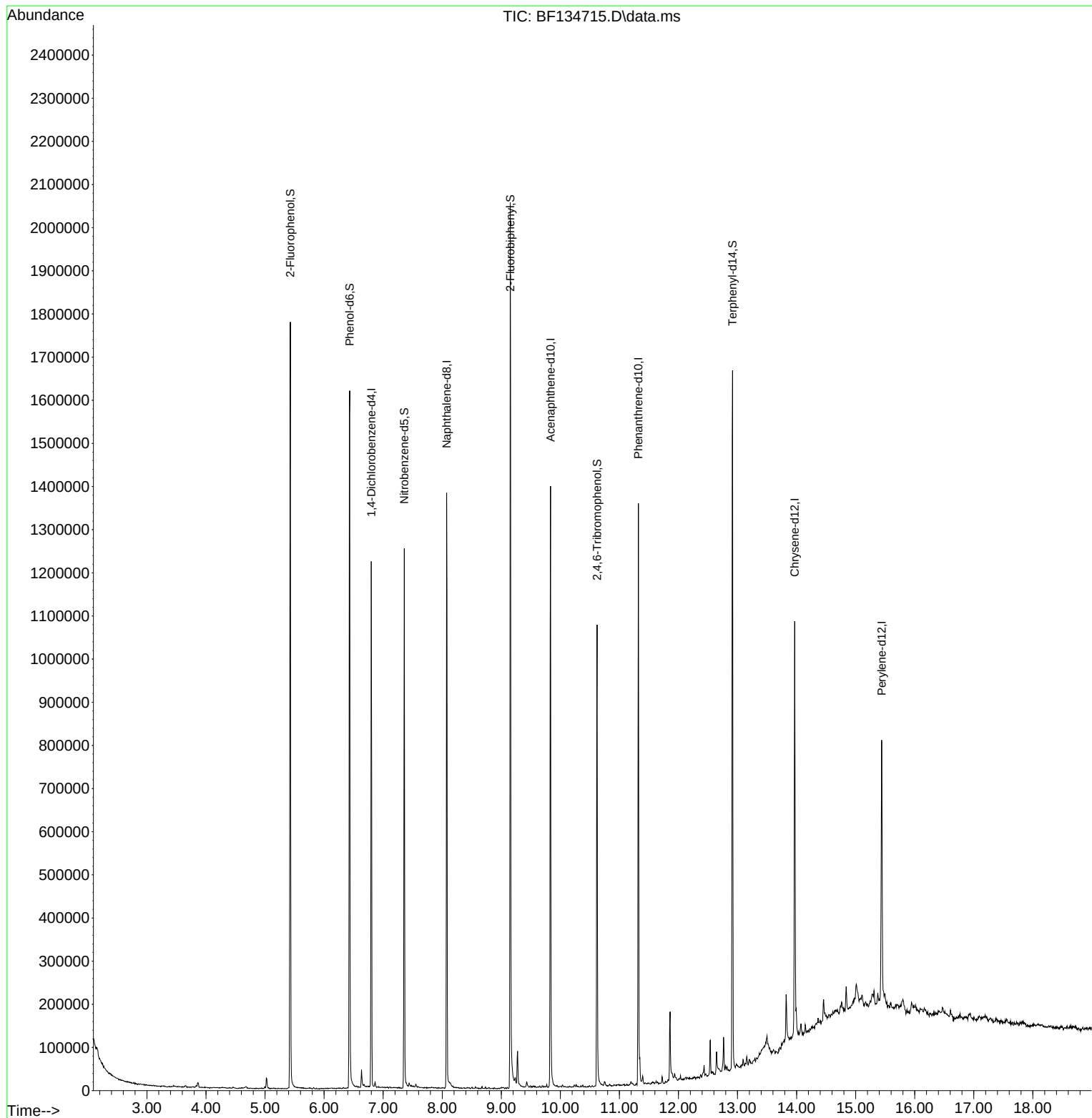
Target Compounds	Qvalue

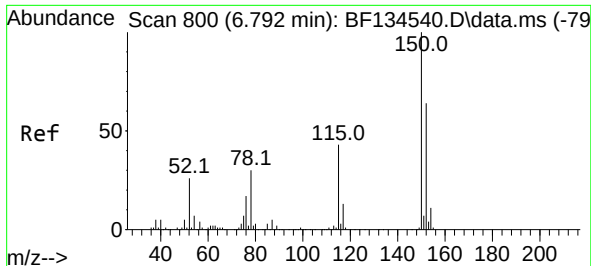
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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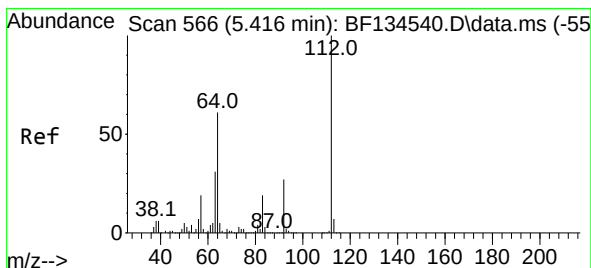
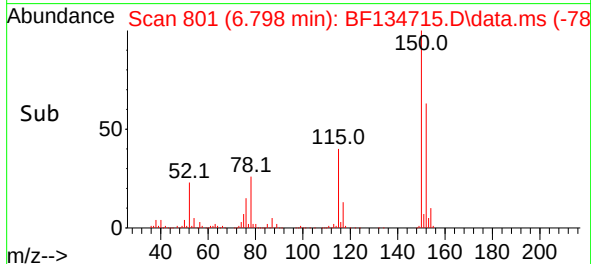
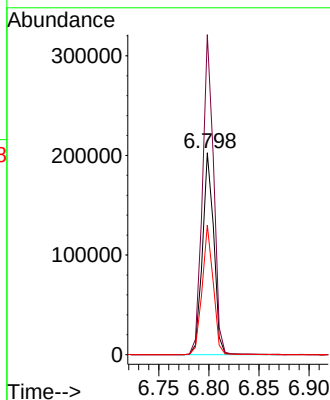
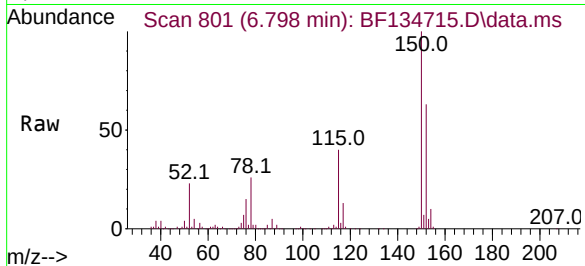




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134715.D
 Acq: 10 Aug 2023 18:27

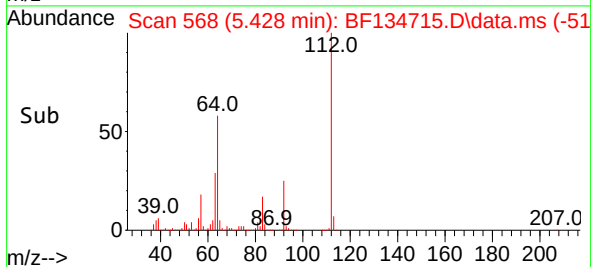
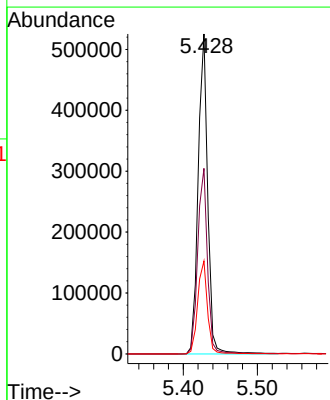
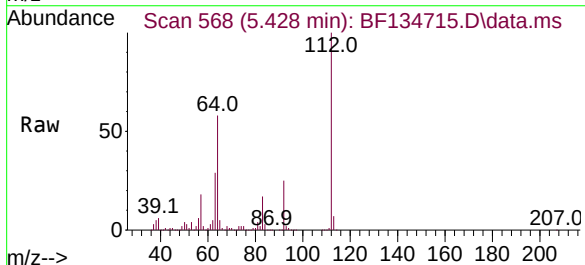
Instrument :
 BNA_F
 ClientSampleId :
 WC-20

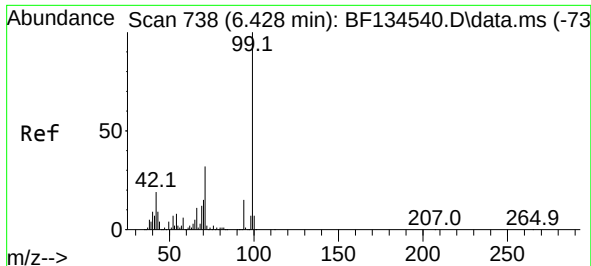
Tgt Ion:152 Resp: 158504
 Ion Ratio Lower Upper
 152 100
 150 158.6 128.3 192.5
 115 64.1 52.4 78.6



#5
 2-Fluorophenol
 Concen: 45.129 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF134715.D
 Acq: 10 Aug 2023 18:27

Tgt Ion:112 Resp: 470570
 Ion Ratio Lower Upper
 112 100
 64 58.0 44.9 67.3
 63 29.0 25.4 38.0

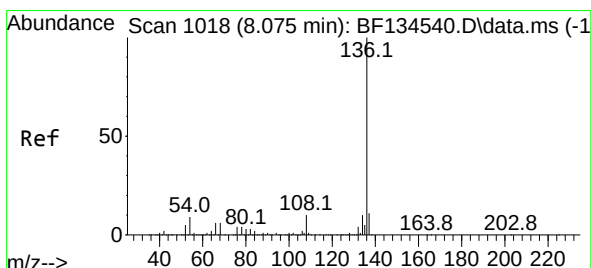
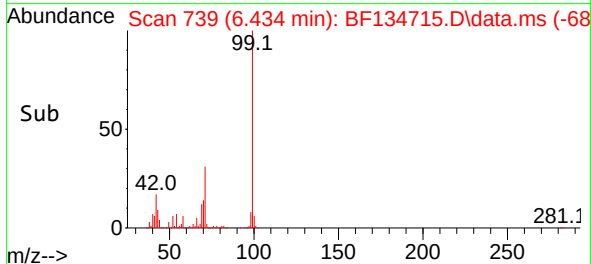
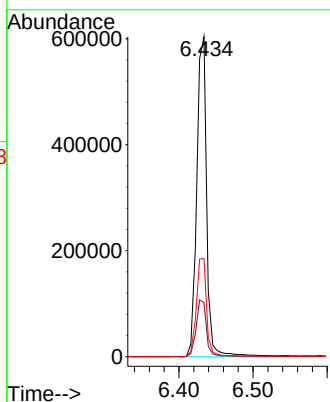
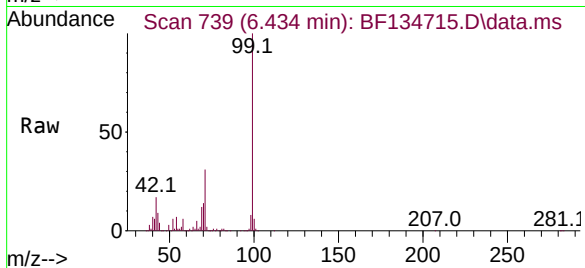




#7
Phenol-d6
Concen: 42.363 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

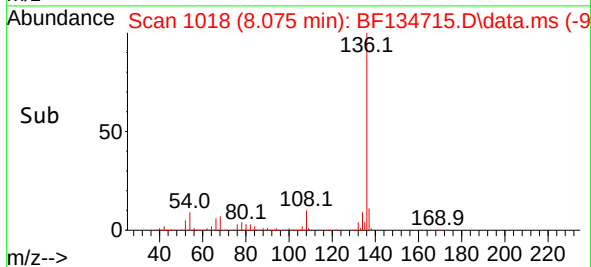
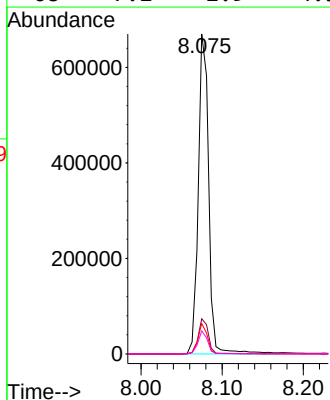
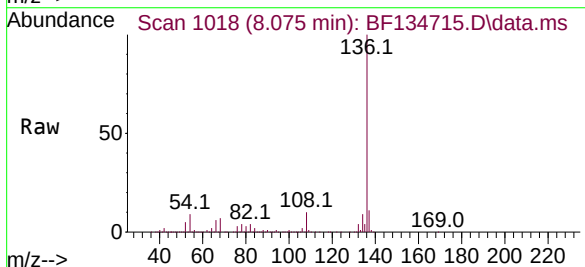
Instrument :
BNA_F
ClientSampleId :
WC-20

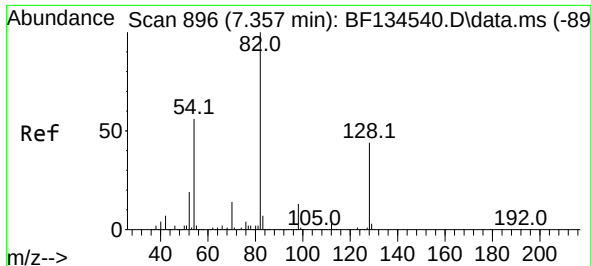
Tgt Ion: 99 Resp: 564670
Ion Ratio Lower Upper
99 100
42 16.9 18.7 28.1#
71 30.6 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

Tgt Ion: 136 Resp: 594670
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.5 5.2 7.8#
68 7.2 2.9 4.3#

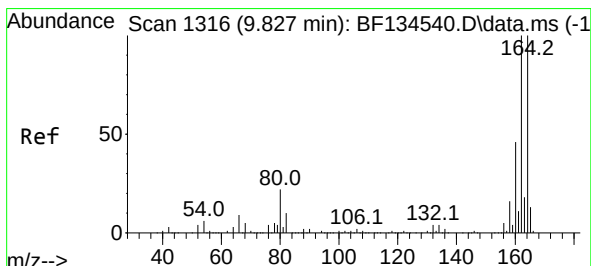
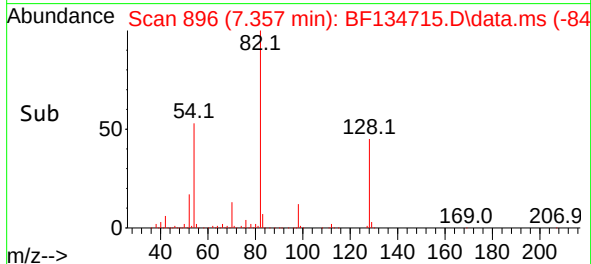
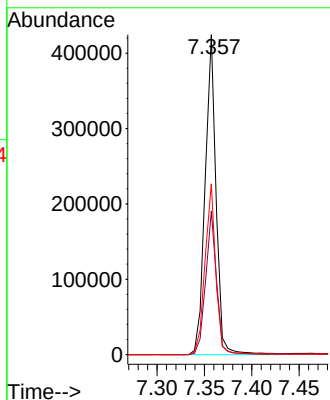
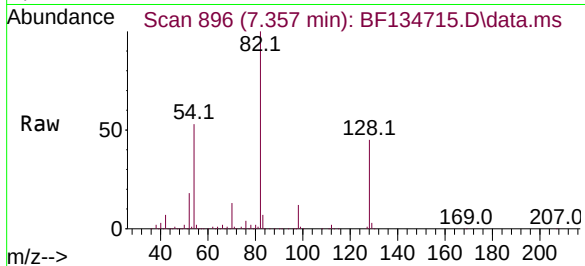




#23
Nitrobenzene-d5
Concen: 36.064 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

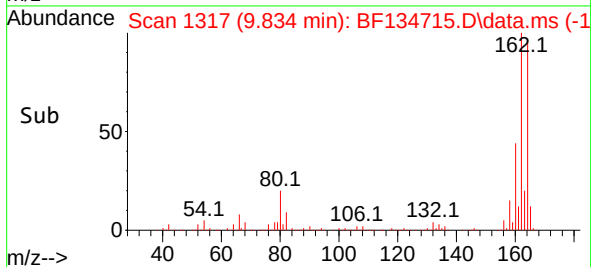
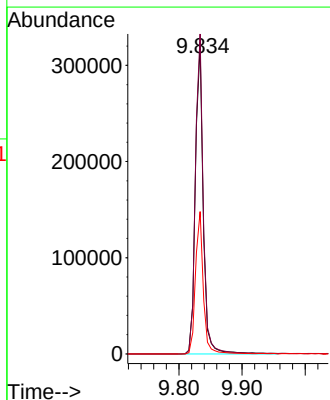
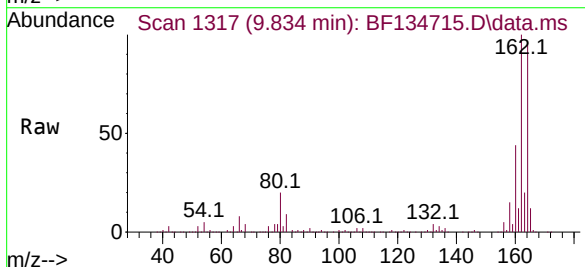
Instrument :
BNA_F
ClientSampleId :
WC-20

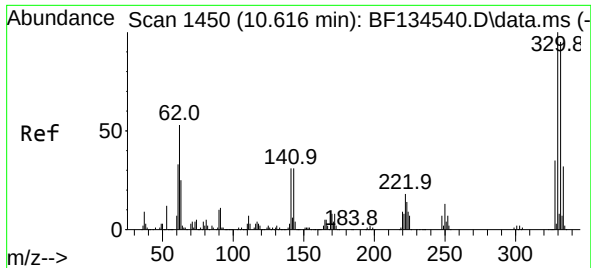
Tgt Ion: 82 Resp: 343182
Ion Ratio Lower Upper
82 100
128 44.9 34.3 51.5
54 53.4 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

Tgt Ion:164 Resp: 281537
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 46.1 37.2 55.8

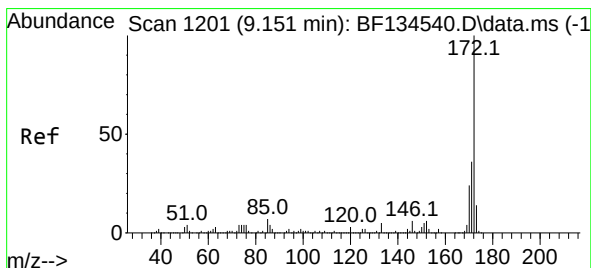
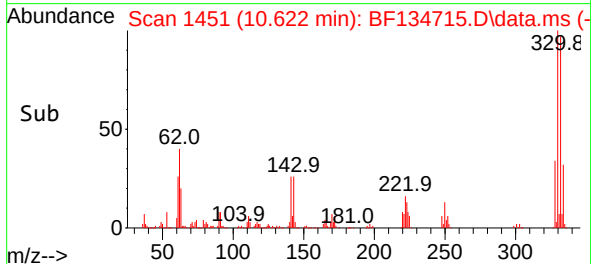
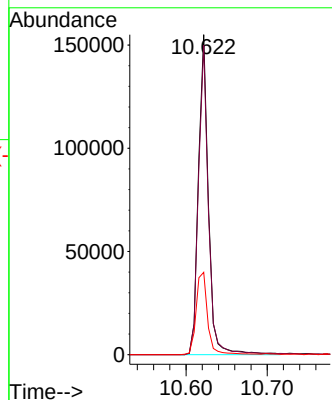
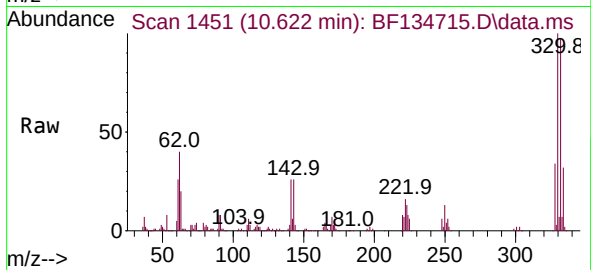




#42
2,4,6-Tribromophenol
Concen: 45.986 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

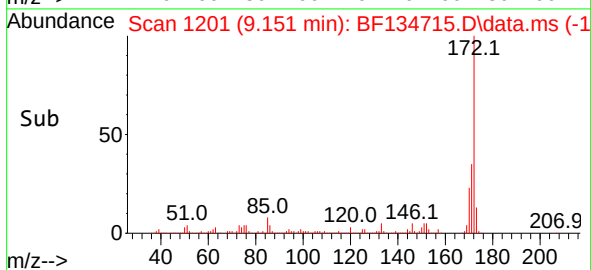
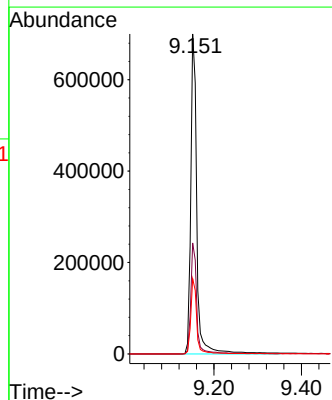
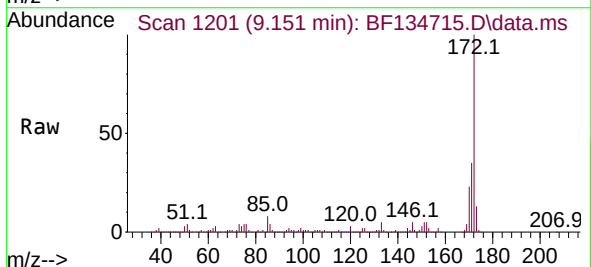
Instrument :
BNA_F
ClientSampleId :
WC-20

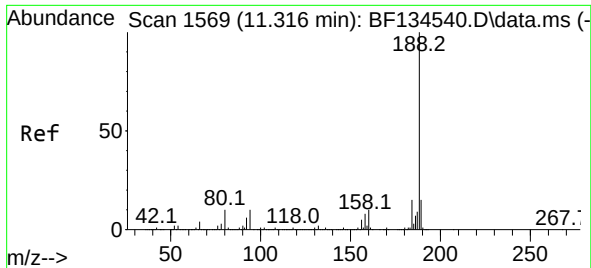
Tgt Ion:330 Resp: 131979
Ion Ratio Lower Upper
330 100
332 97.2 78.8 118.2
141 29.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 39.874 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

Tgt Ion:172 Resp: 675178
Ion Ratio Lower Upper
172 100
171 34.7 28.8 43.2
170 23.5 18.7 28.1

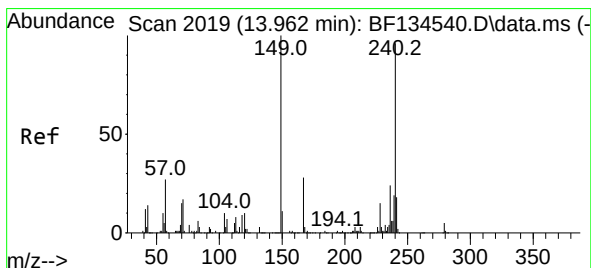
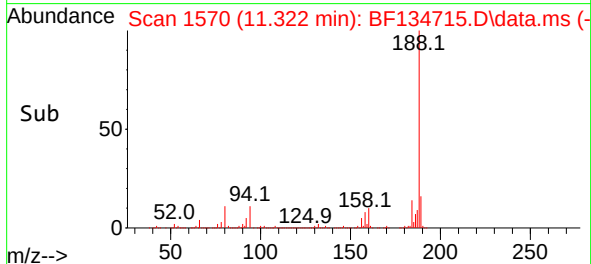
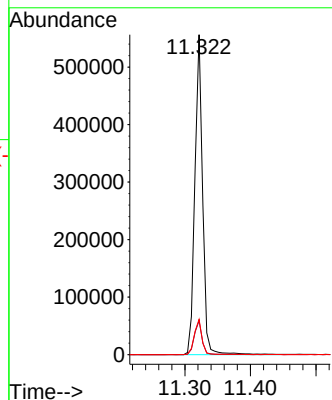
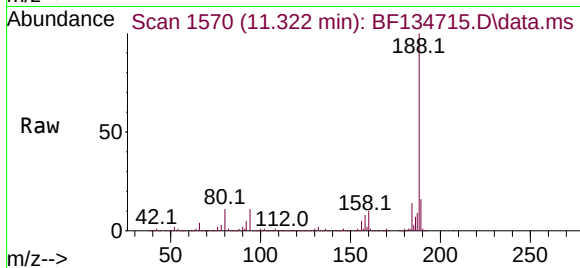




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

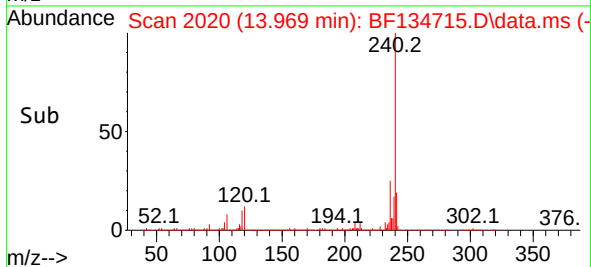
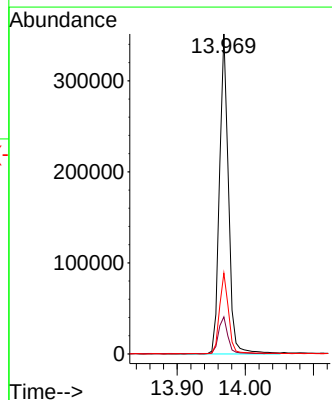
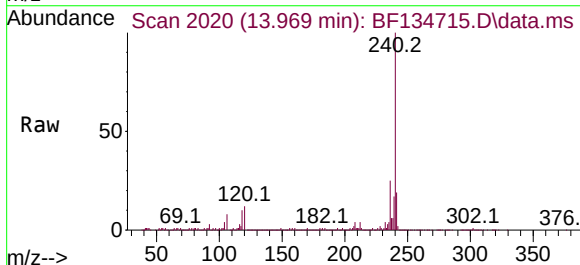
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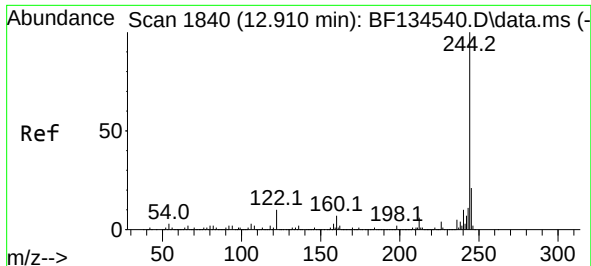
Tgt Ion:188 Resp: 457462
Ion Ratio Lower Upper
188 100
94 10.6 5.1 7.7#
80 11.0 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

Tgt Ion:240 Resp: 319865
Ion Ratio Lower Upper
240 100
120 11.6 6.6 10.0#
236 25.2 20.2 30.2

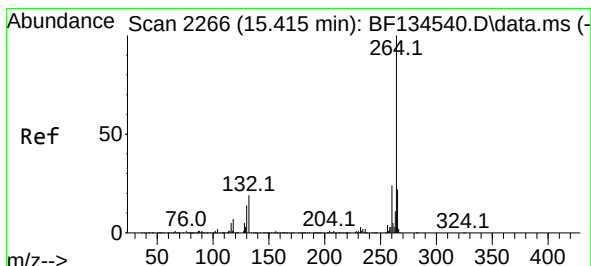
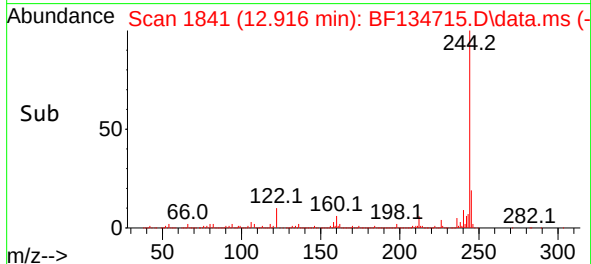
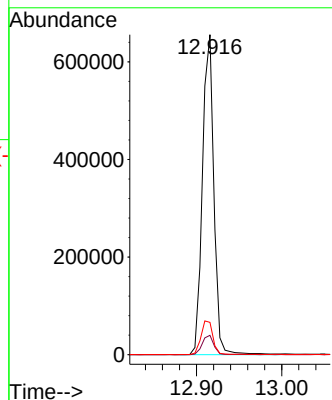
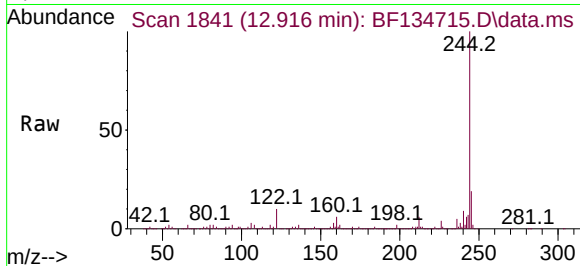




#79
Terphenyl-d14
Concen: 33.620 ng
RT: 12.916 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

Instrument :
BNA_F
ClientSampleId :
WC-20

Tgt Ion:244 Resp: 610029
Ion Ratio Lower Upper
244 100
212 6.0 5.6 8.4
122 10.1 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

Tgt Ion:264 Resp: 295877
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 22.2 15.8 23.8

