

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
 Data File : BF141185.D
 Acq On : 16 Jan 2025 15:13
 Operator : RC/JU
 Sample : Q1066-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE WATER

Quant Time: Jan 16 15:35:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

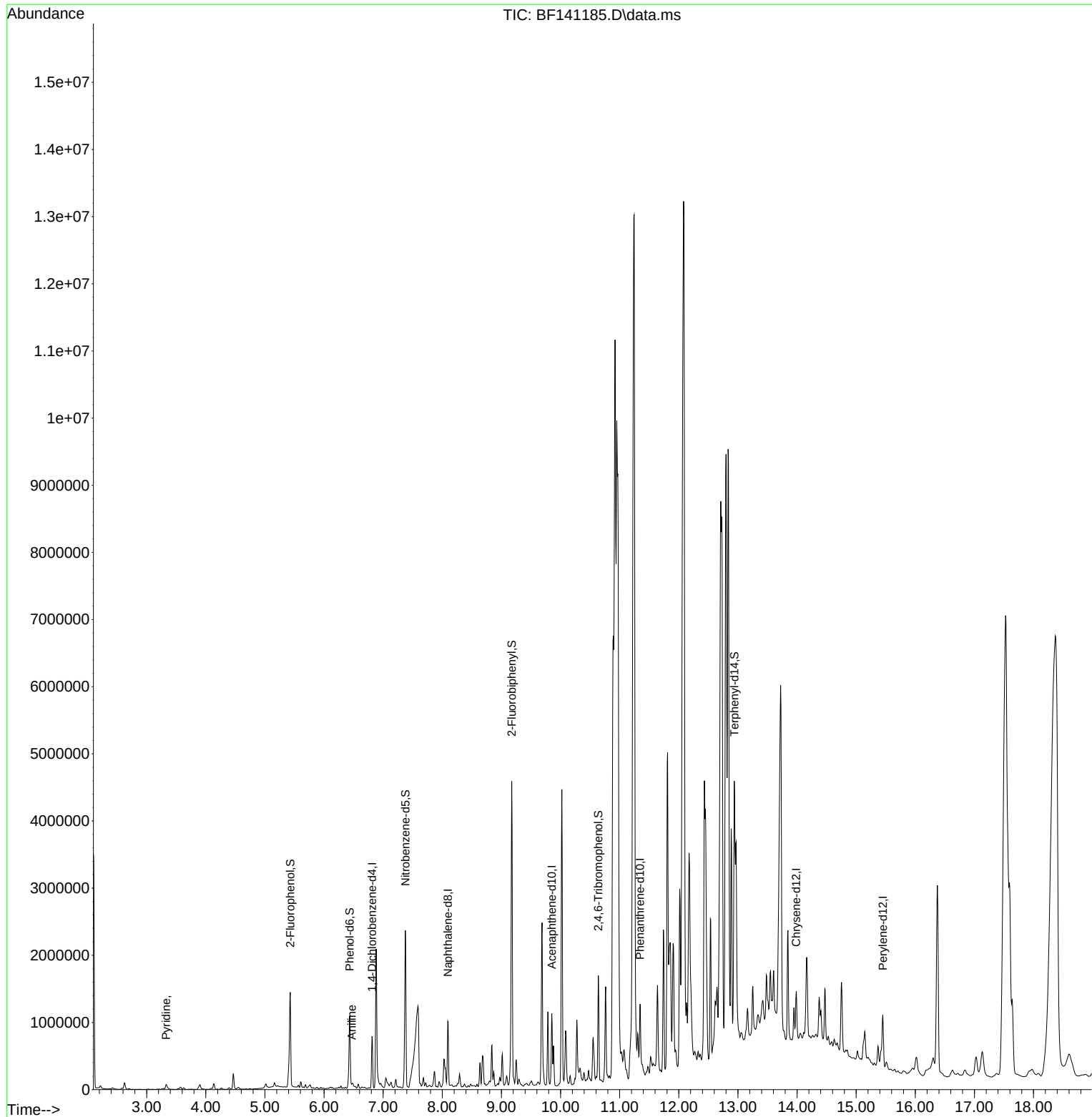
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	164057	20.000	ng	-0.01
21) Naphthalene-d8	8.093	136	629793	20.000	ng	-0.01
39) Acenaphthene-d10	9.851	164	310201	20.000	ng	-0.01
64) Phenanthrene-d10	11.345	188	432821	20.000	ng	0.00
76) Chrysene-d12	13.986	240	314115	20.000	ng	0.00
86) Perylene-d12	15.451	264	311041	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	548229	51.623	ng	0.00
7) Phenol-d6	6.434	99	438947	32.630	ng	-0.01
23) Nitrobenzene-d5	7.375	82	1156533	97.343	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	271101	76.701	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	2027843	99.826	ng	0.00
79) Terphenyl-d14	12.939	244	1721278	81.446	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.328	79	56154	4.842	ng	97
6) Aniline	6.469	93	27548	2.307	ng	96

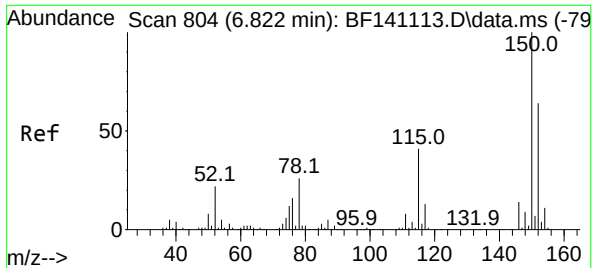
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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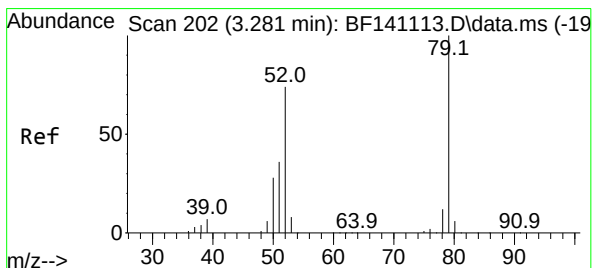
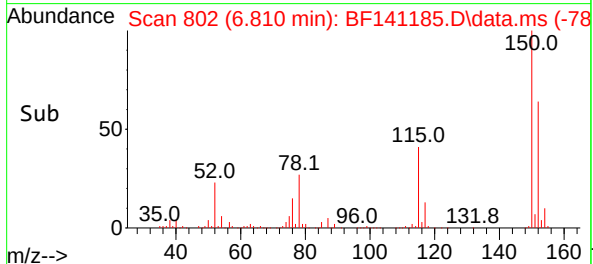
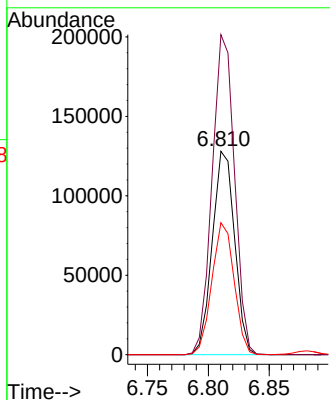
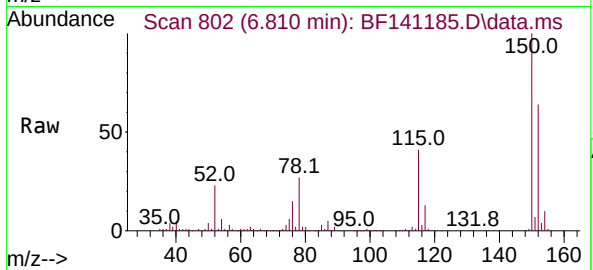




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF141185.D
Acq: 16 Jan 2025 15:13

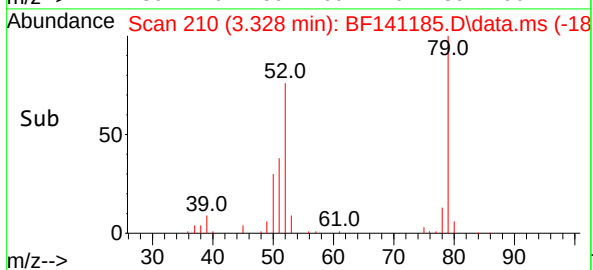
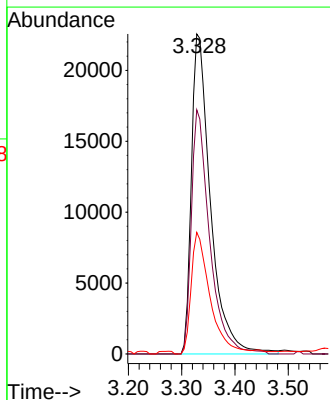
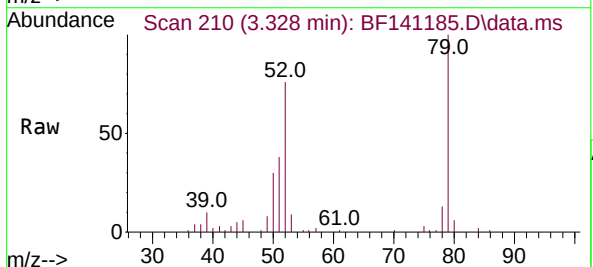
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

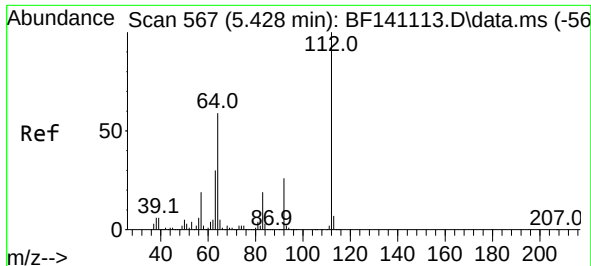
Tgt Ion:152 Resp: 164057
Ion Ratio Lower Upper
152 100
150 157.3 125.8 188.8
115 64.9 51.4 77.2



#3
Pyridine
Concen: 4.842 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.047 min
Lab File: BF141185.D
Acq: 16 Jan 2025 15:13

Tgt Ion: 79 Resp: 56154
Ion Ratio Lower Upper
79 100
52 76.3 58.9 88.3
51 38.0 29.1 43.7

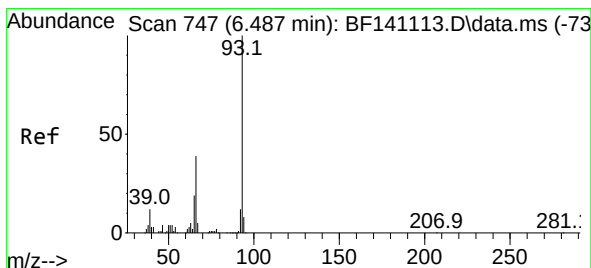
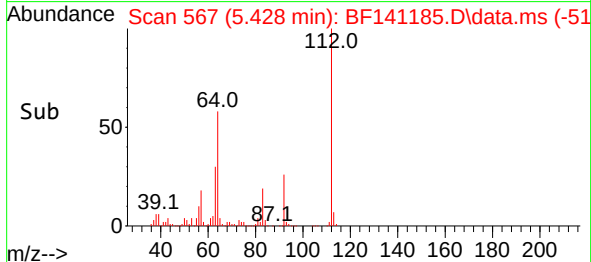
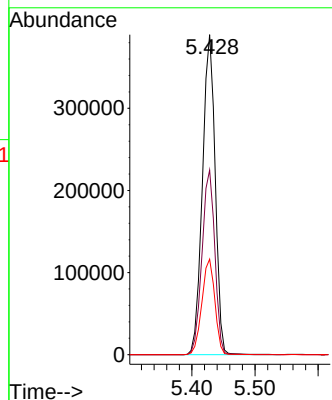
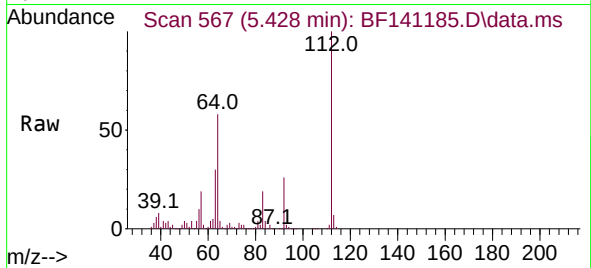




#5
2-Fluorophenol
Concen: 51.623 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141185.D
Acq: 16 Jan 2025 15:13

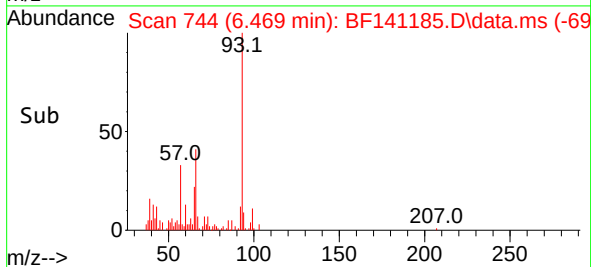
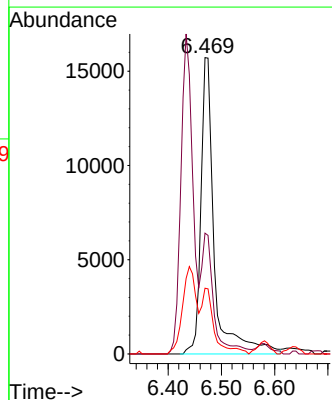
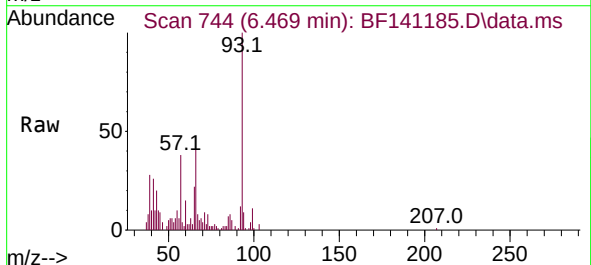
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

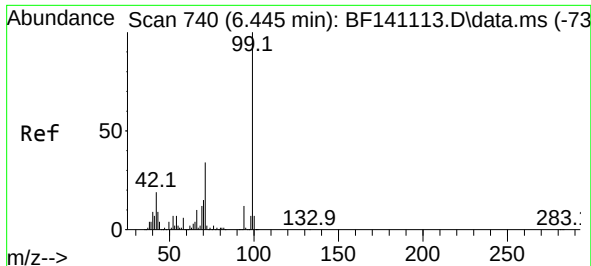
Tgt Ion:112 Resp: 548229
Ion Ratio Lower Upper
112 100
64 57.7 47.3 70.9
63 29.9 24.2 36.2



#6
Aniline
Concen: 2.307 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141185.D
Acq: 16 Jan 2025 15:13

Tgt Ion: 93 Resp: 27548
Ion Ratio Lower Upper
93 100
66 40.8 31.5 47.3
65 22.2 15.3 22.9

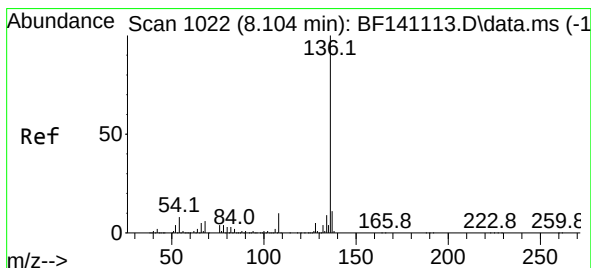
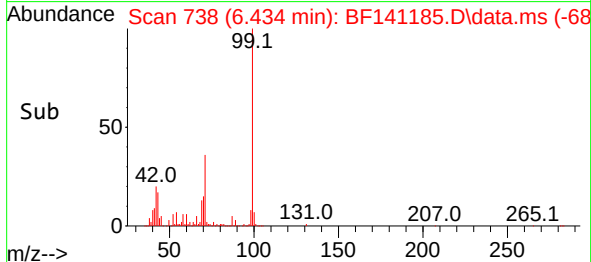
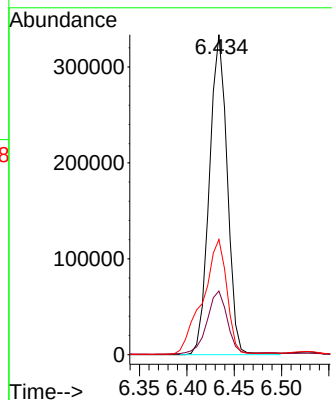
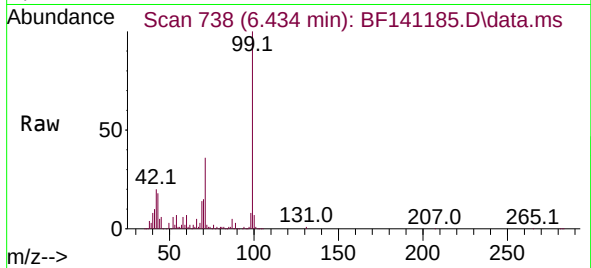




#7
Phenol-d6
Concen: 32.630 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141185.D
Acq: 16 Jan 2025 15:13

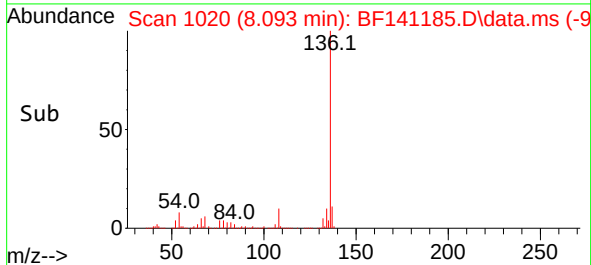
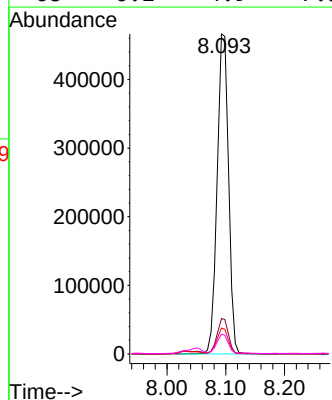
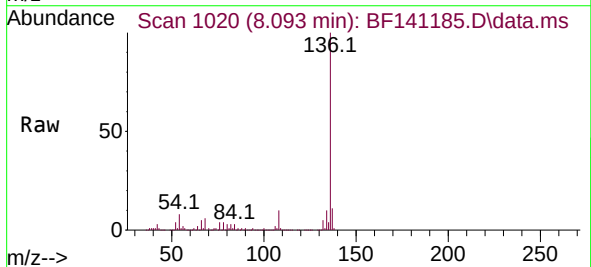
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

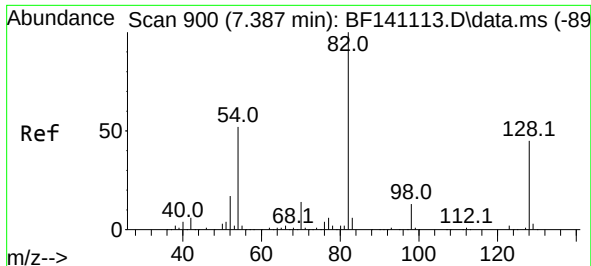
Tgt Ion: 99 Resp: 438947
Ion Ratio Lower Upper
99 100
42 19.9 15.0 22.4
71 36.0 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.093 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141185.D
Acq: 16 Jan 2025 15:13

Tgt Ion: 136 Resp: 629793
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.1 6.3 9.5
68 6.2 4.9 7.3

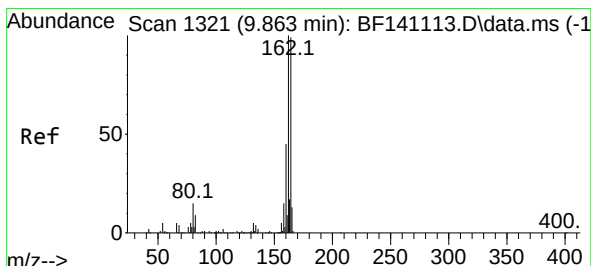
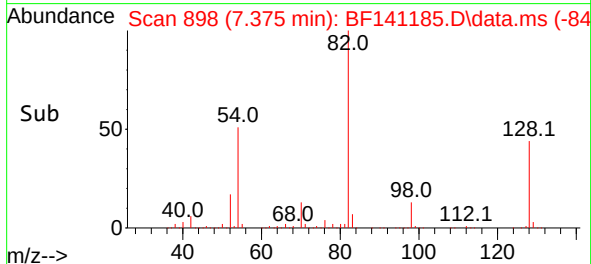
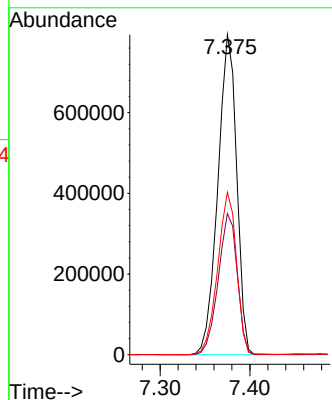
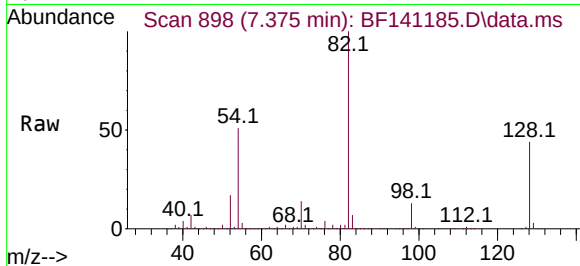




#23
 Nitrobenzene-d5
 Concen: 97.343 ng
 RT: 7.375 min Scan# 89
 Delta R.T. -0.012 min
 Lab File: BF141185.D
 Acq: 16 Jan 2025 15:13

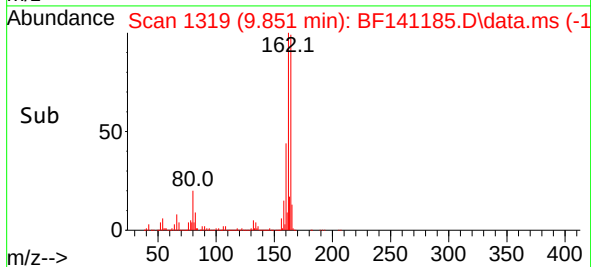
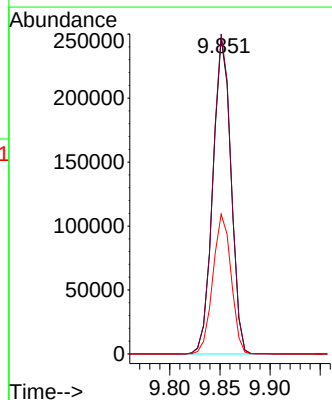
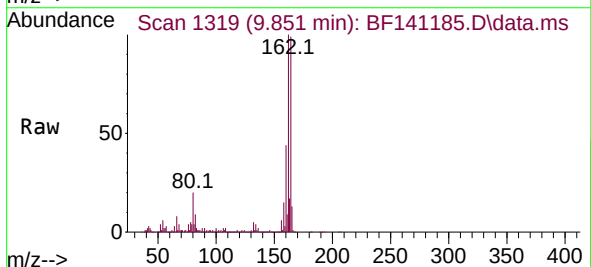
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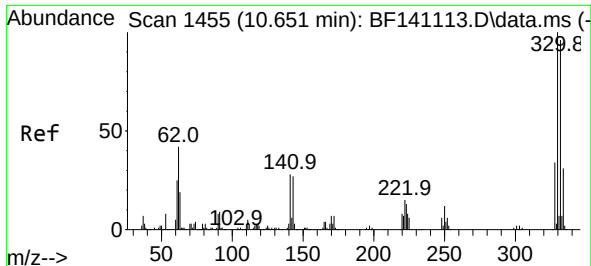
Tgt Ion: 82 Resp: 1156533
 Ion Ratio Lower Upper
 82 100
 128 44.1 36.1 54.1
 54 50.8 41.0 61.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.851 min Scan# 1319
 Delta R.T. -0.012 min
 Lab File: BF141185.D
 Acq: 16 Jan 2025 15:13

Tgt Ion:164 Resp: 310201
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.0 121.4
 160 44.2 36.1 54.1

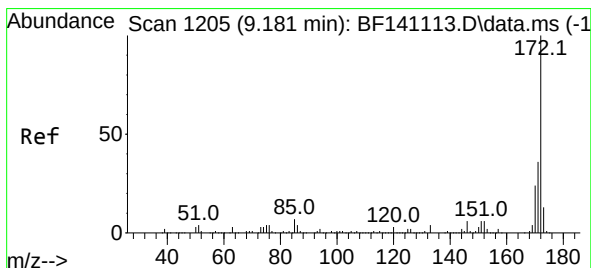
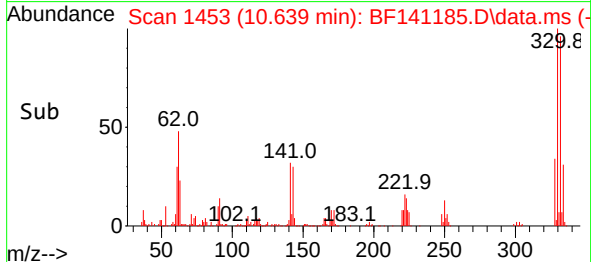
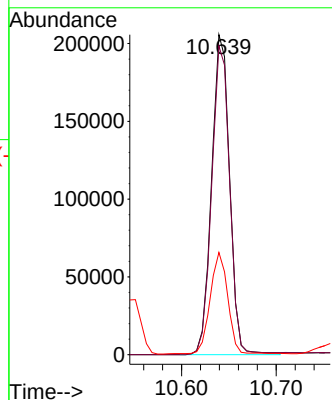
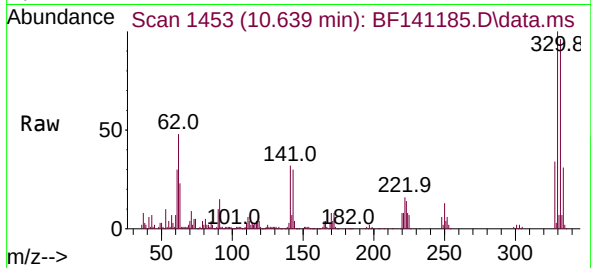




#42
2,4,6-Tribromophenol
Concen: 76.701 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141185.D
Acq: 16 Jan 2025 15:13

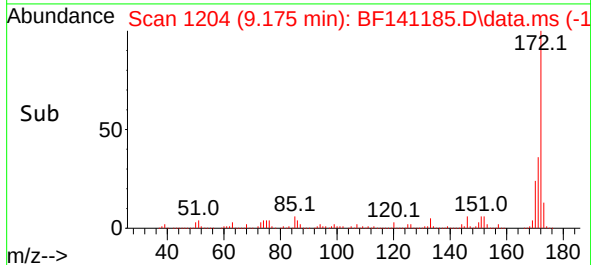
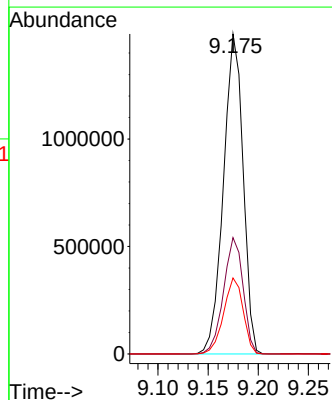
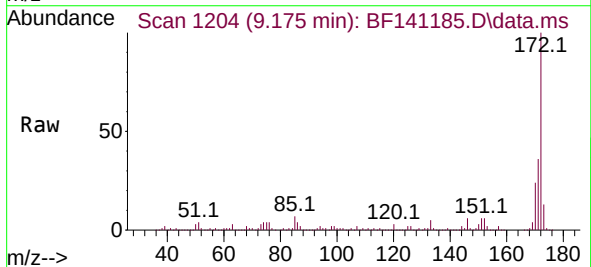
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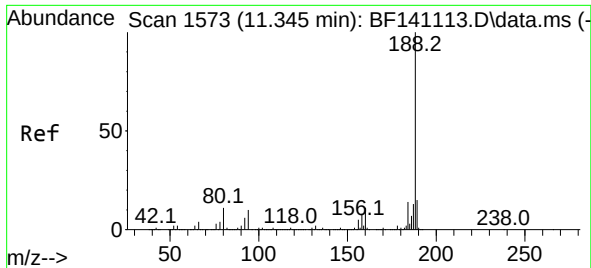
Tgt Ion:330 Resp: 271101
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 31.3 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 99.826 ng
RT: 9.175 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF141185.D
Acq: 16 Jan 2025 15:13

Tgt Ion:172 Resp: 2027843
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 23.7 19.0 28.6

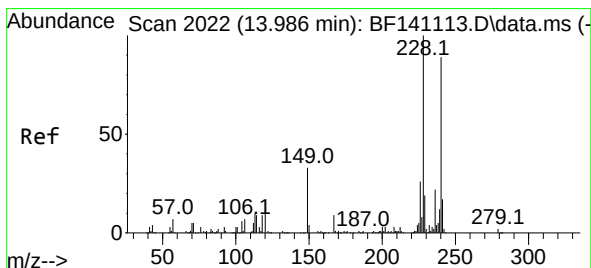
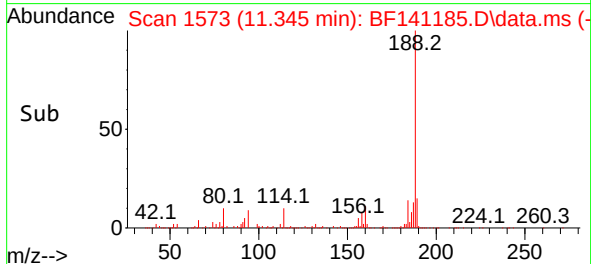
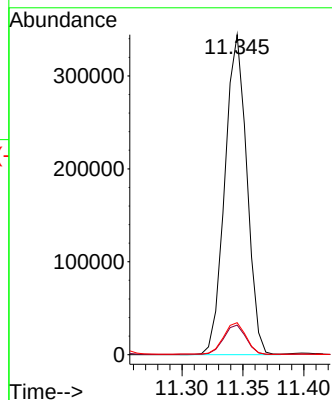
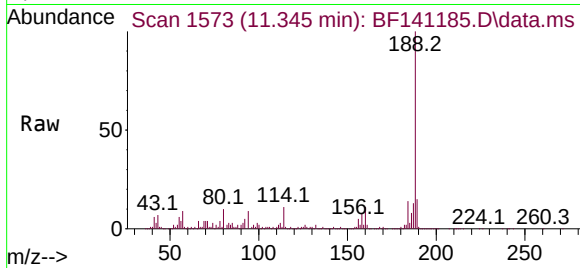




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141185.D
Acq: 16 Jan 2025 15:13

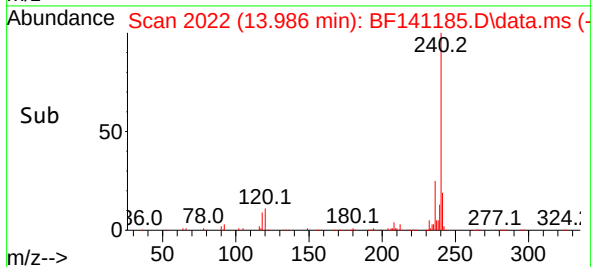
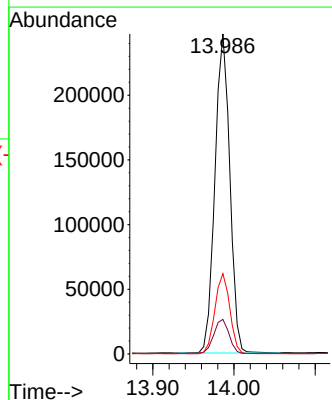
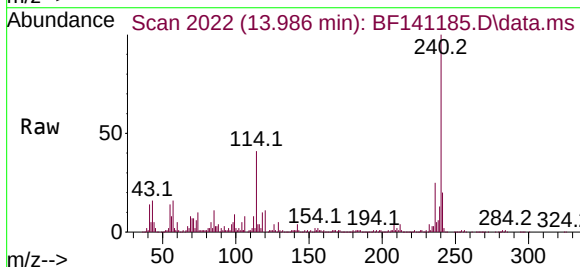
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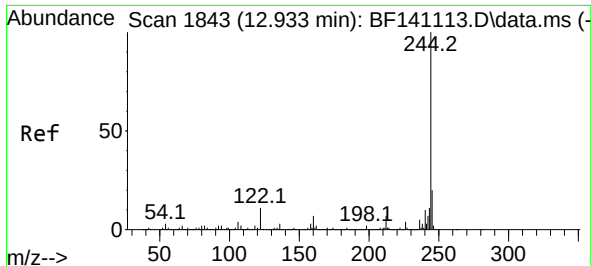
Tgt Ion:188 Resp: 432821
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 10.0 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF141185.D
Acq: 16 Jan 2025 15:13

Tgt Ion:240 Resp: 314115
Ion Ratio Lower Upper
240 100
120 10.8 9.1 13.7
236 25.1 19.8 29.6

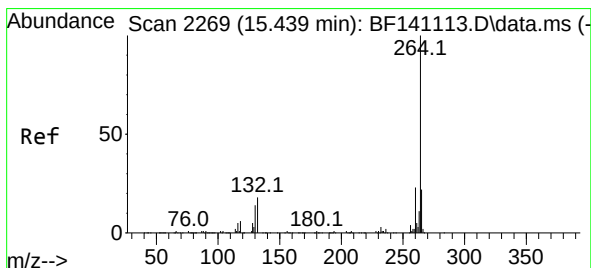
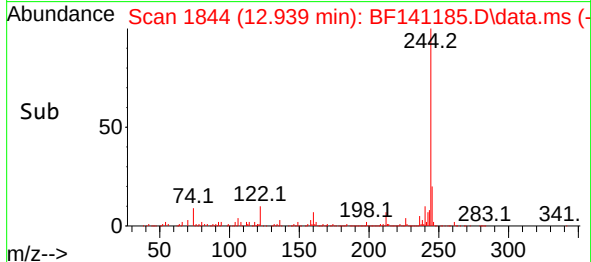
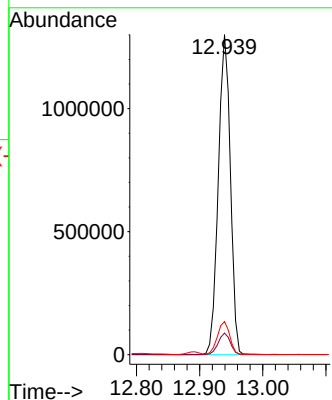
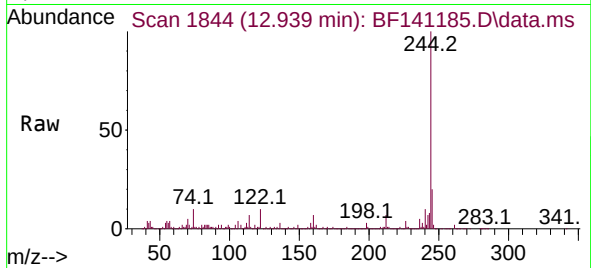




#79
 Terphenyl-d14
 Concen: 81.446 ng
 RT: 12.939 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF141185.D
 Acq: 16 Jan 2025 15:13

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE WATER

Tgt Ion:244 Resp: 1721278
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2271
 Delta R.T. 0.012 min
 Lab File: BF141185.D
 Acq: 16 Jan 2025 15:13

Tgt Ion:264 Resp: 311041
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.9 17.4 26.0

