

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)

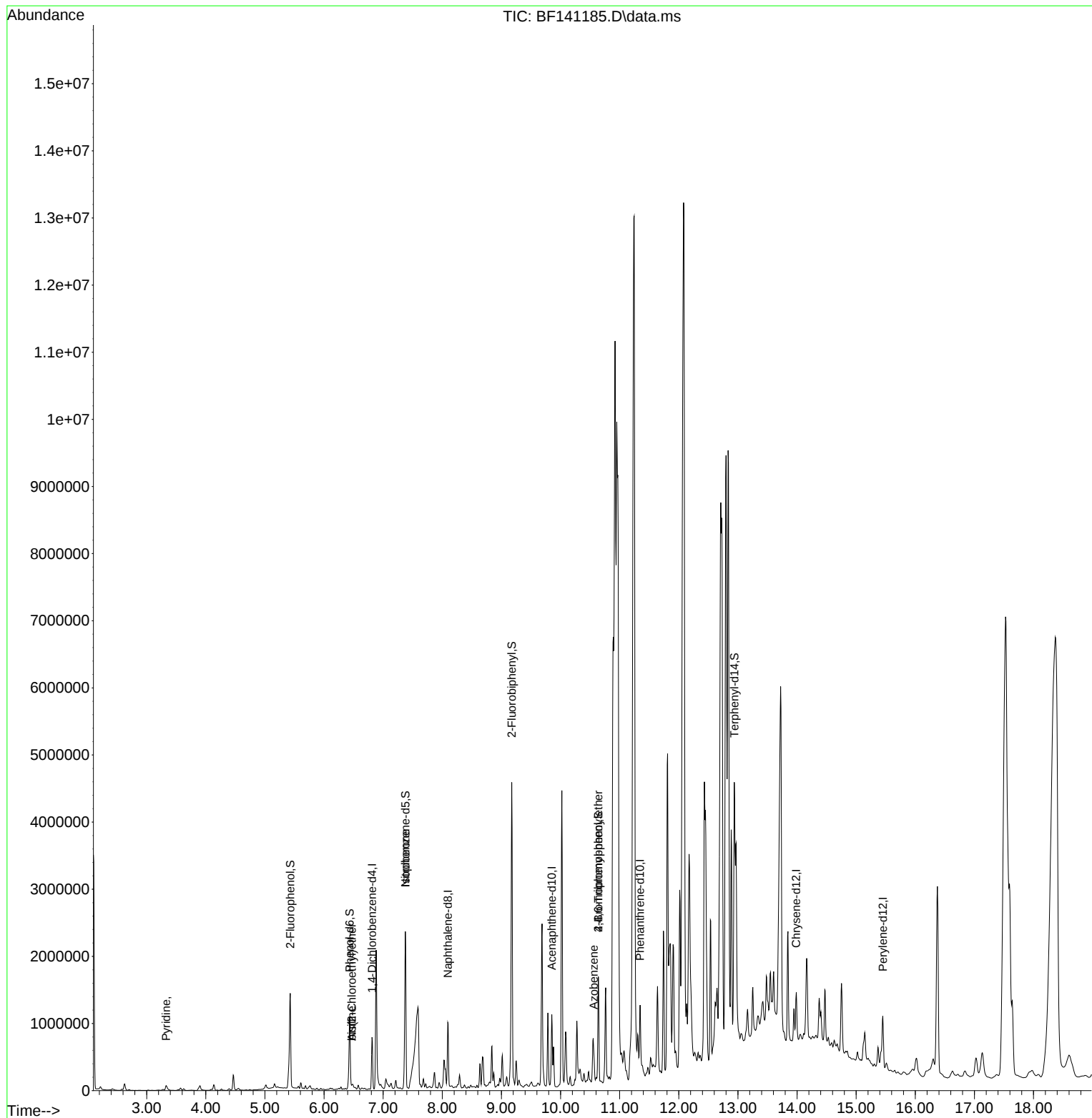
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	164057	20.000	ng	-0.01
21) Naphthalene-d8	8.093	136	629793	20.000	ng	-0.01
39) Acenaphthene-d10	9.851	164	310201	20.000	ng	-0.01
64) Phenanthrene-d10	11.345	188	432821	20.000	ng	0.00
76) Chrysene-d12	13.986	240	314115	20.000	ng	0.00
86) Perylene-d12	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
11) bis(2-Chloroethyl)ether	6.469	93	27548	2.567	ng	# 25
25) Isophorone	7.375	82	1149892	56.634	ng	# 65
63) Azobenzene	10.563	77	90921	4.532	ng	# 1
67) 4-Bromophenyl-phenylether	10.639	248	16604	3.332	ng	# 1

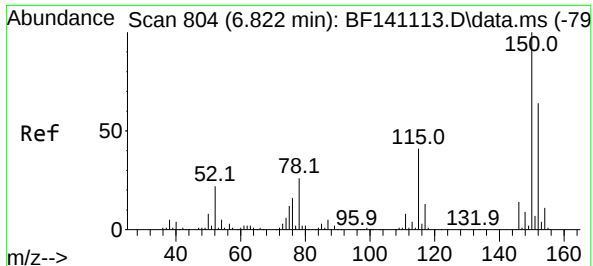
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
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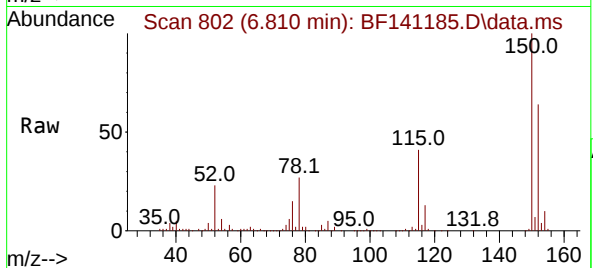
Quant Time: Jan 16 15:35:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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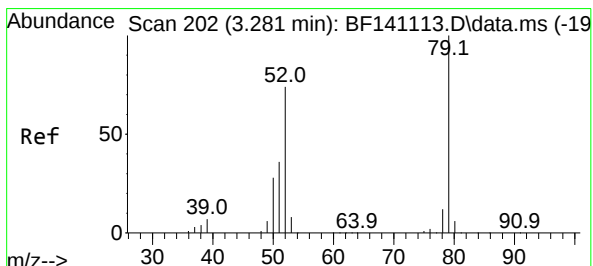
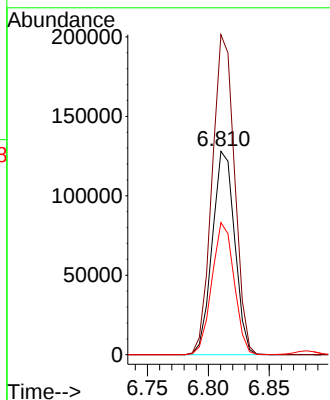
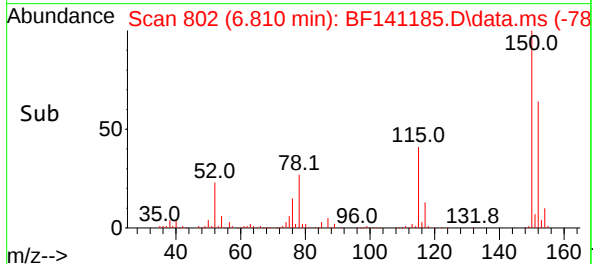


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF141185.D
Acq: 16 Jan 2025 15:13

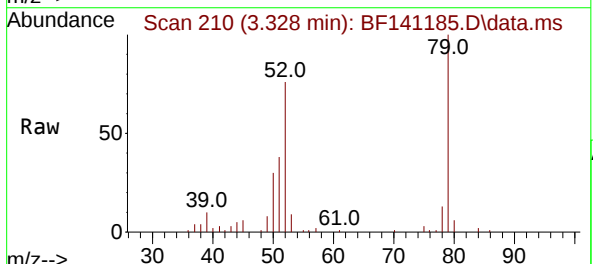
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER



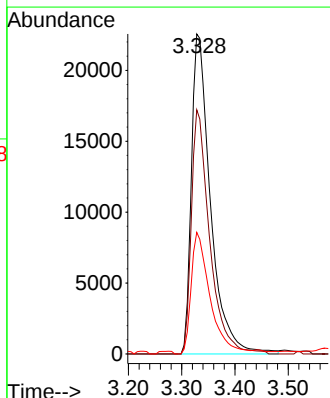
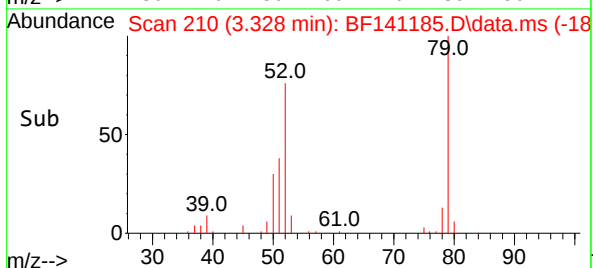
Tgt Ion:152 Resp: 164057
Ion Ratio Lower Upper
152 100
150 157.3 125.8 188.8
115 64.9 51.4 77.2

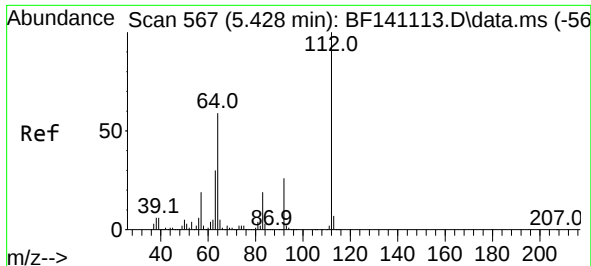


#3
Pyridine
Concen: 4.842 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.047 min
Lab File: BF141185.D
Acq: 16 Jan 2025 15:13



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

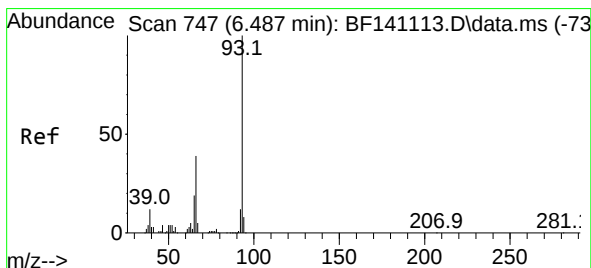
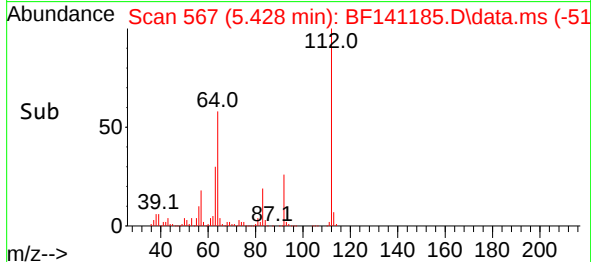
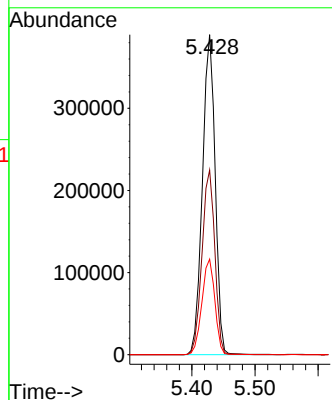
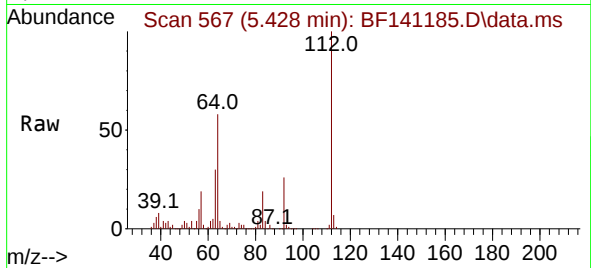




#5
2-Fluorophenol
Concen: 51.623 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141185.D
Acq: 16 Jan 2025 15:13

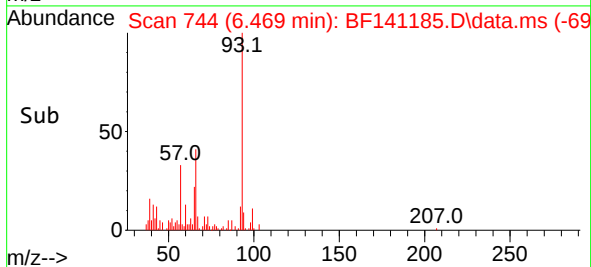
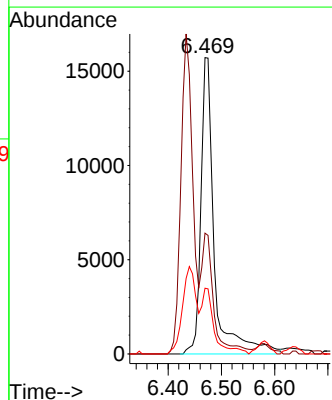
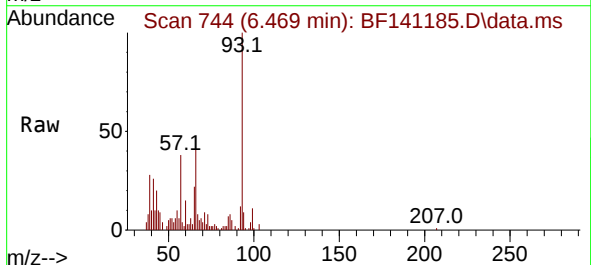
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

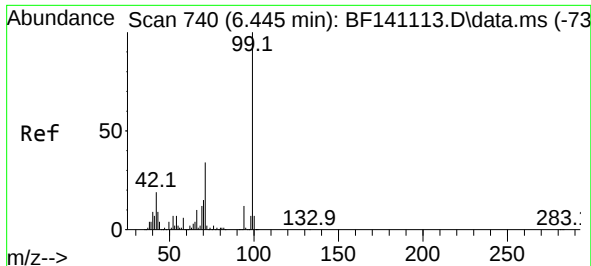
Tgt Ion:112 Resp: 548229
Ion Ratio Lower Upper
112 100
64 57.7 47.3 70.9
63 29.9 24.2 36.2



#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

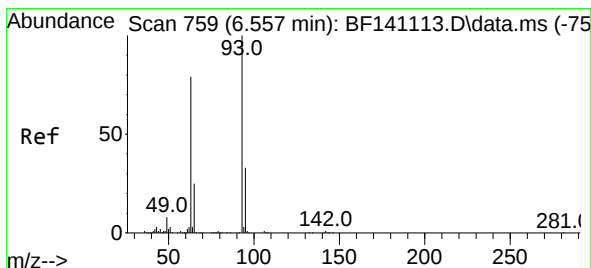
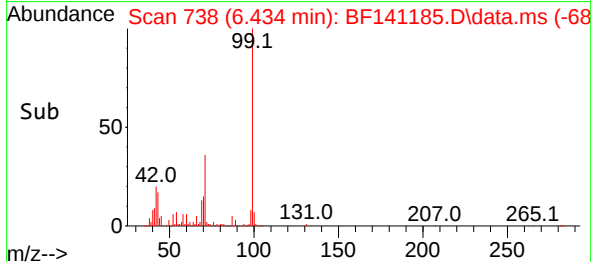
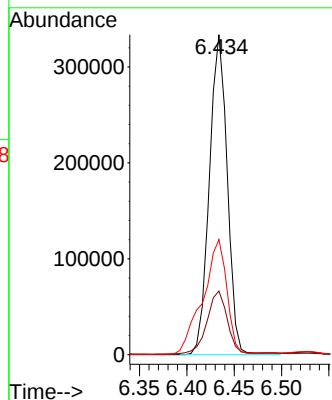
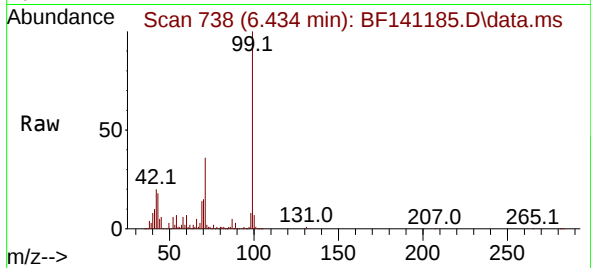
Tgt Ion: 99 Resp: 438947

Ion Ratio Lower Upper

99 100

42 19.9 15.0 22.4

71 36.0 27.6 41.4



#11

bis(2-Chloroethyl)ether

Concen: 2.567 ng

RT: 6.469 min Scan# 744

Delta R.T. -0.088 min

Lab File: BF141185.D

Acq: 16 Jan 2025 15:13

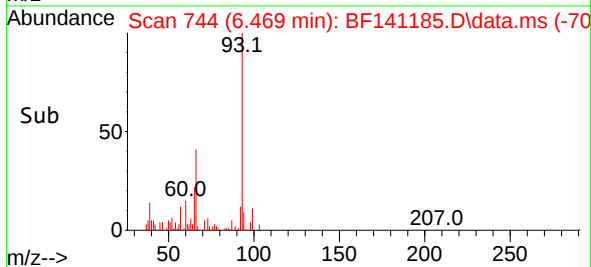
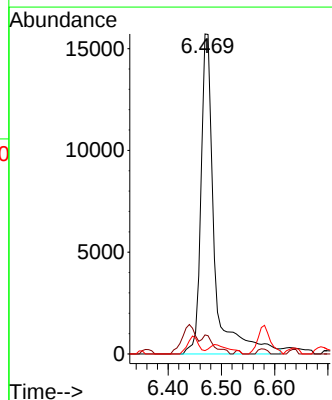
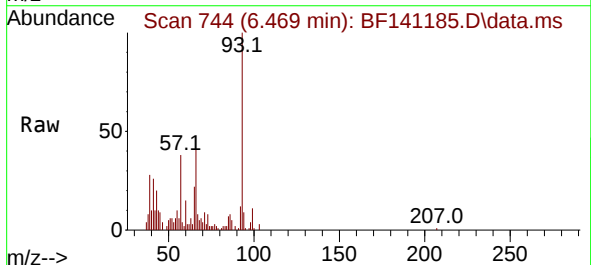
Tgt Ion: 93 Resp: 27548

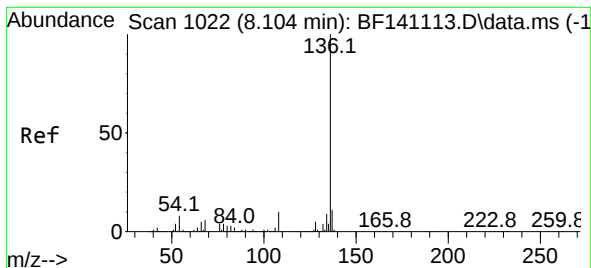
Ion Ratio Lower Upper

93 100

63 5.9 58.0 98.0#

95 1.1 12.5 52.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.093 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141185.D

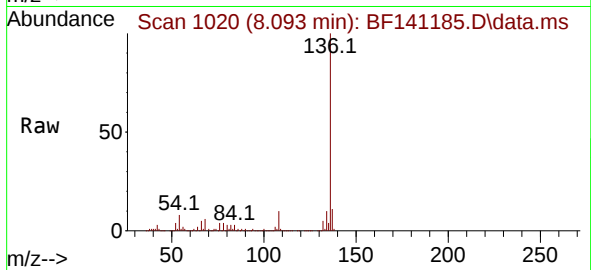
Acq: 16 Jan 2025 15:13

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE WATER



Tgt Ion:136 Resp: 629793

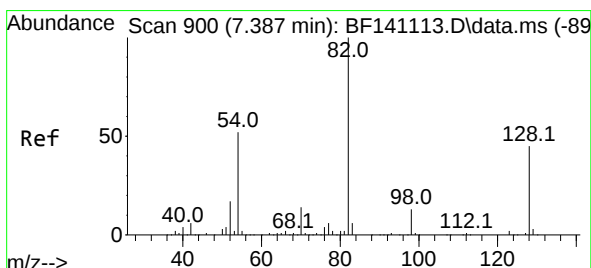
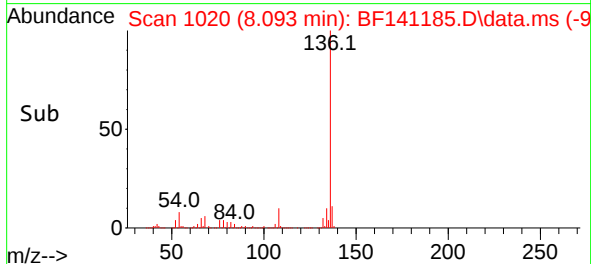
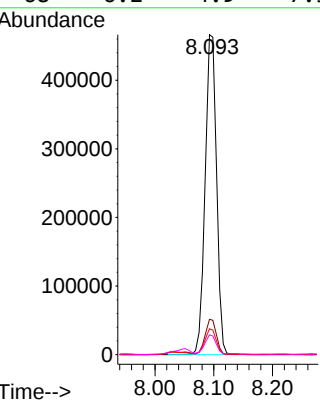
Ion Ratio Lower Upper

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# 898

Delta R.T. -0.012 min

Lab File: BF141185.D

Acq: 16 Jan 2025 15:13

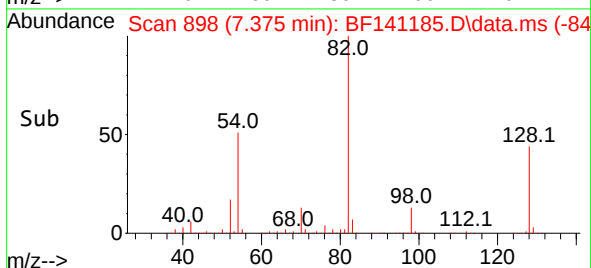
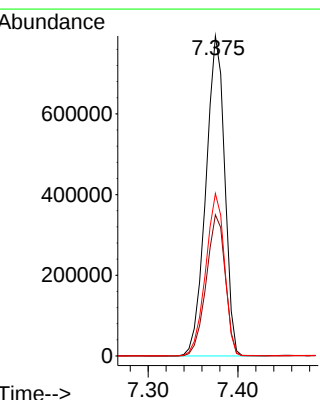
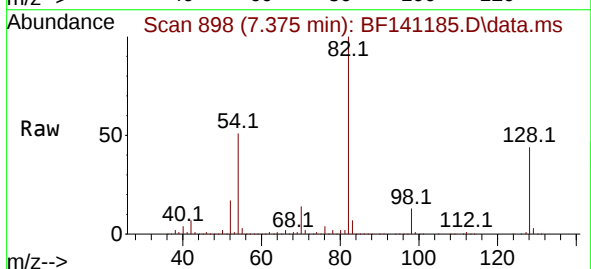
Tgt Ion: 82 Resp: 1156533

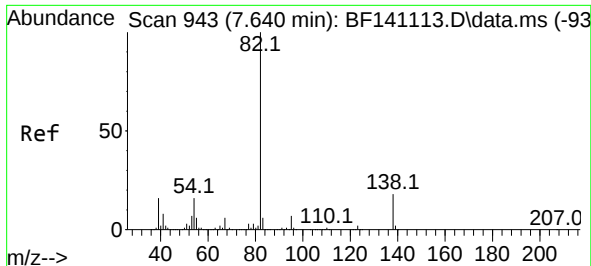
Ion Ratio Lower Upper

82 100

128 44.1 36.1 54.1

54 50.8 41.0 61.4

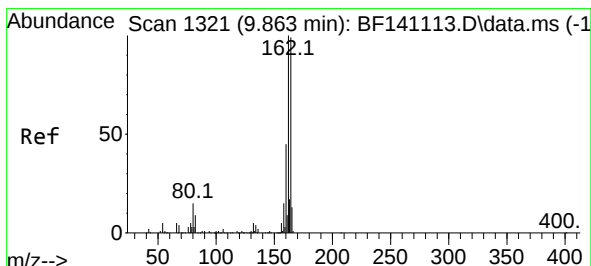
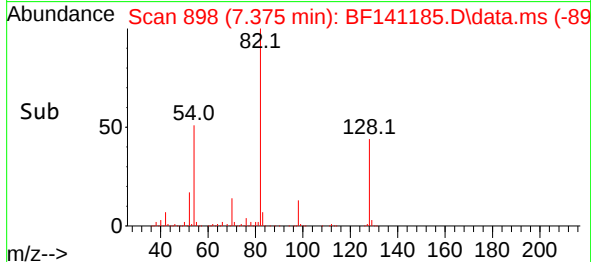
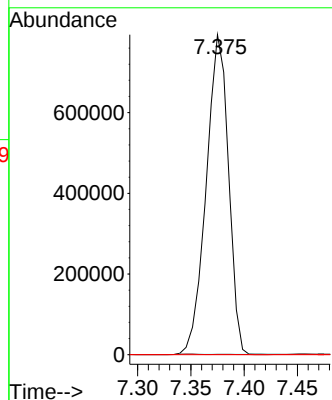
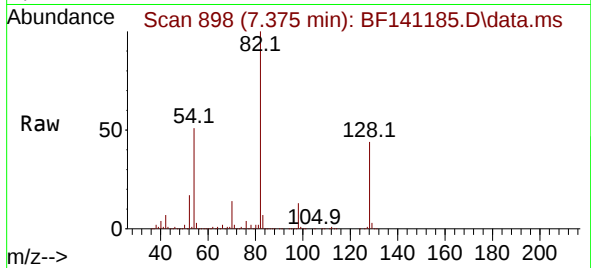




#25
Isophorone
Concen: 56.634 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF141185.D
Acq: 16 Jan 2025 15:13

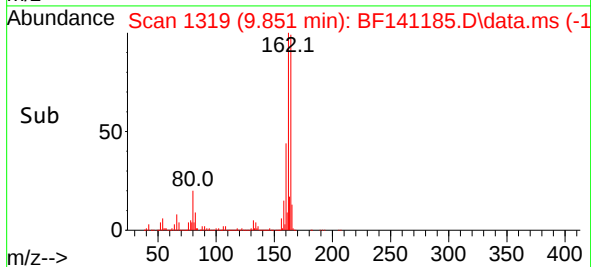
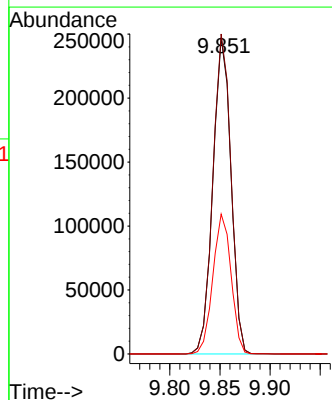
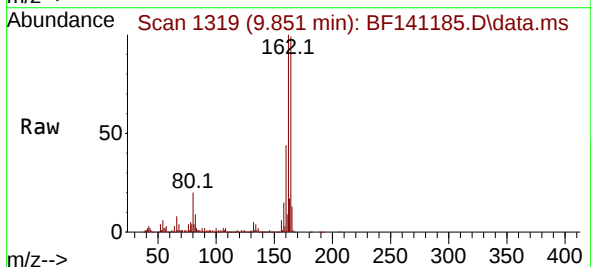
Instrument :
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EFF-WASTE WATER

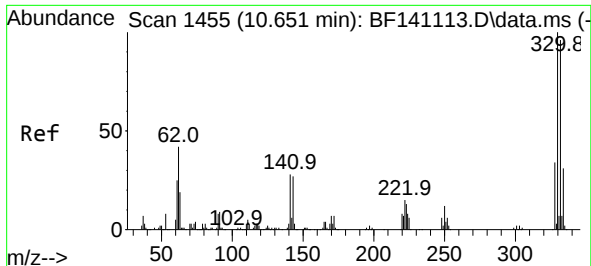
Tgt Ion: 82 Resp: 1149892
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 14.2 21.2#



#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

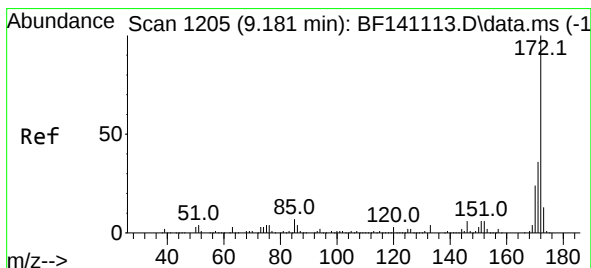
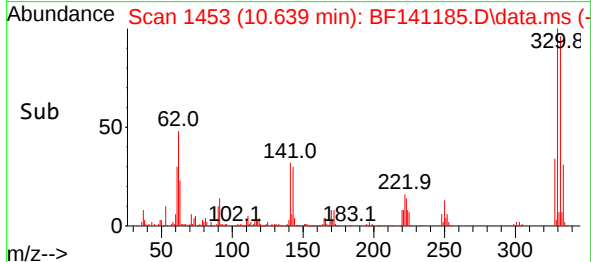
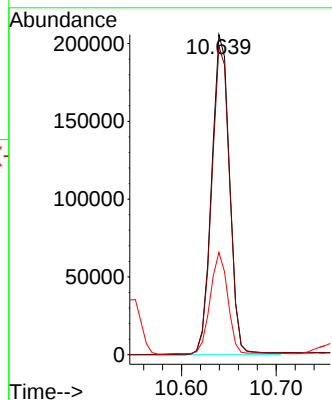
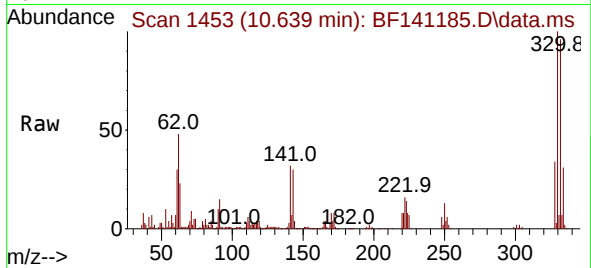




#42
2,4,6-Tribromophenol
Concen: 76.701 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141185.D
Acq: 16 Jan 2025 15:13

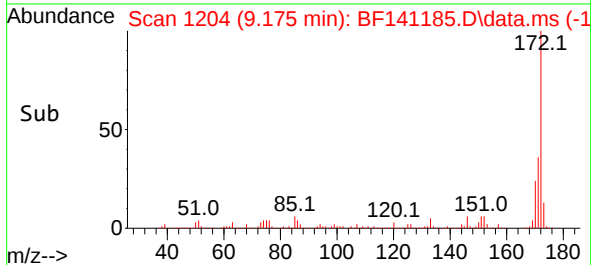
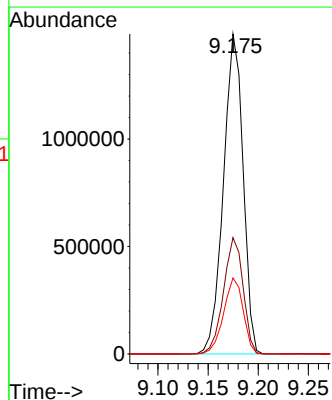
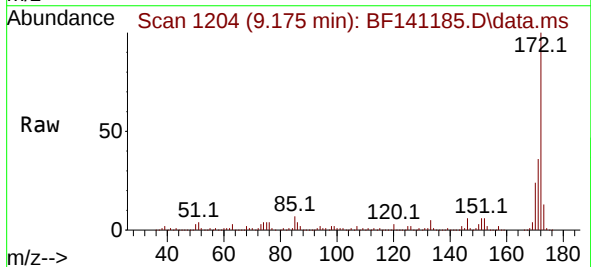
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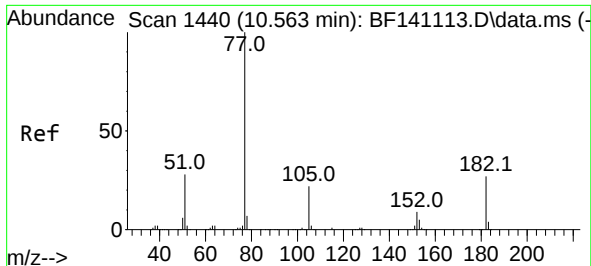
Tgt Ion:330 Resp: 271101
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 31.3 25.2 37.8



#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

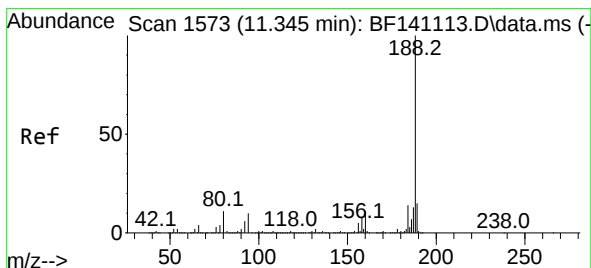
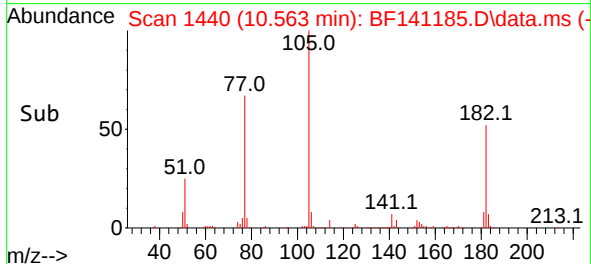
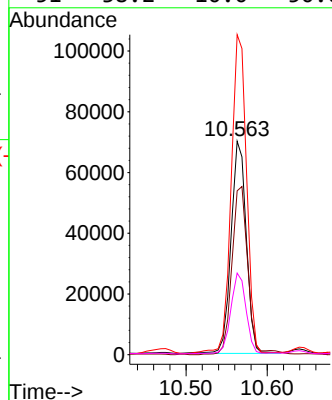
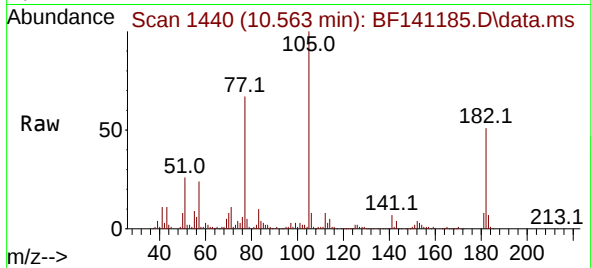




#63
Azobenzene
Concen: 4.532 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF141185.D
Acq: 16 Jan 2025 15:13

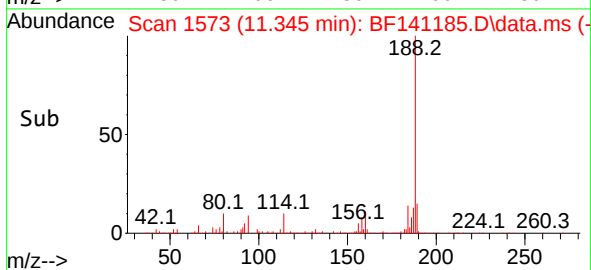
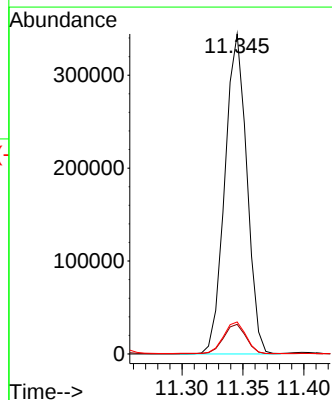
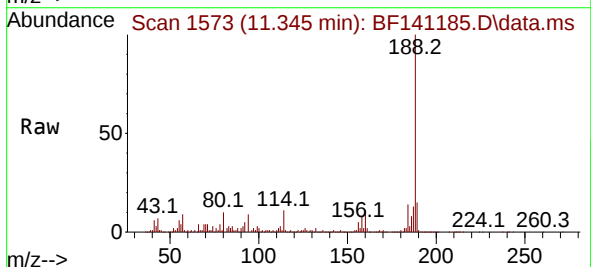
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

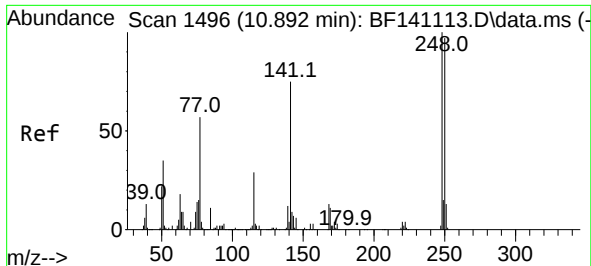
Tgt Ion: 77	Resp: 90921
Ion Ratio	Lower Upper
77 100	
182 76.7	6.1 46.1#
105 149.9	2.1 42.1#
51 38.2	10.0 50.0



#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

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

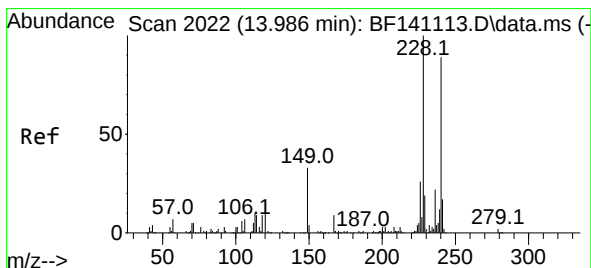
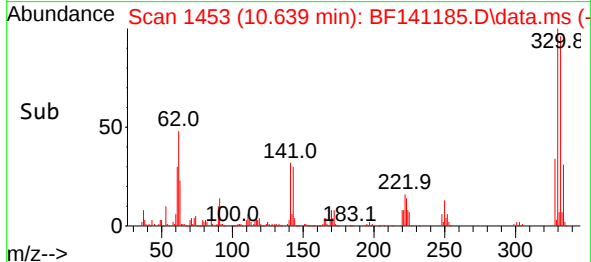
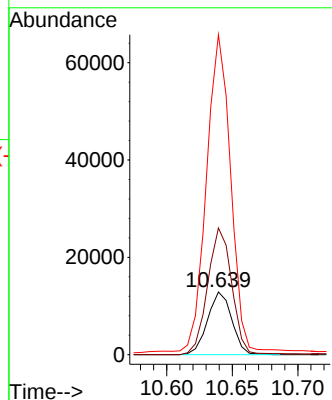
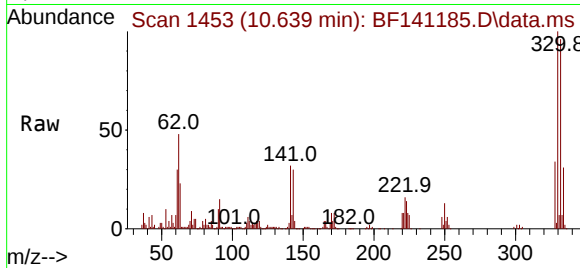




#67
4-Bromophenyl-phenylether
Concen: 3.332 ng
RT: 10.639 min Scan# 1496
Delta R.T. -0.253 min
Lab File: BF141185.D
Acq: 16 Jan 2025 15:13

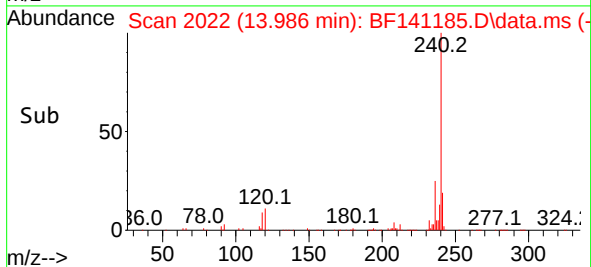
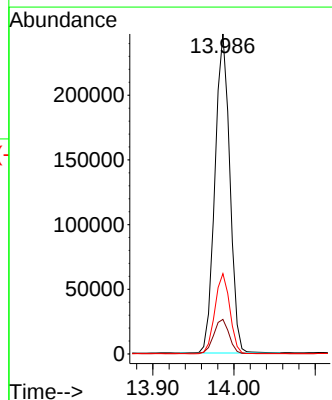
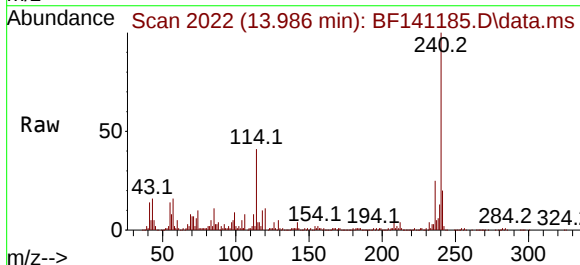
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

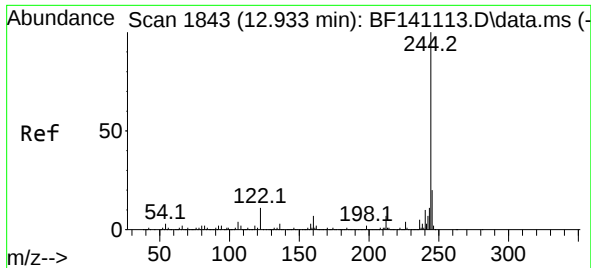
Tgt Ion:248 Resp: 16604
Ion Ratio Lower Upper
248 100
250 202.0 77.9 116.9#
141 510.0 59.9 89.9#



#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

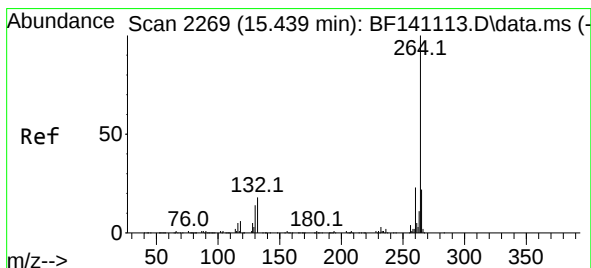
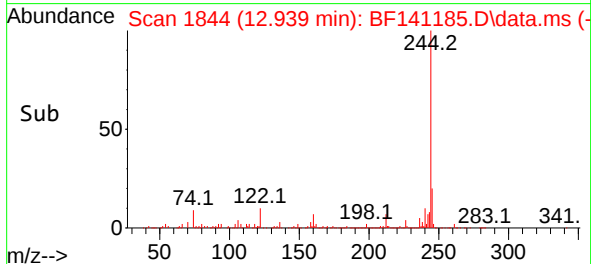
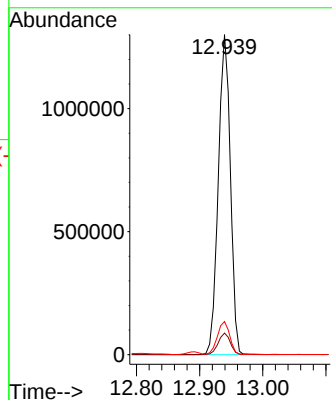
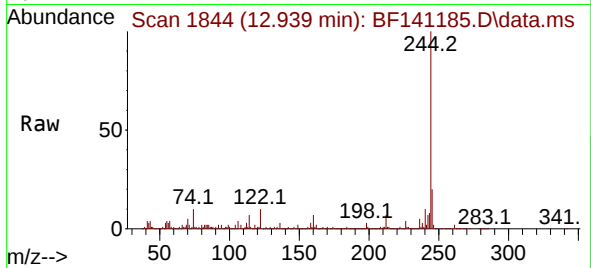




#79
 Terphenyl-d14
 Concen: 81.446 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. 0.006 min
 Lab File: BF141185.D
 Acq: 16 Jan 2025 15:13

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

