

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136447.D
 Acq On : 07 Dec 2023 15:18
 Operator : CG\JU
 Sample : 05620-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-TOTE

Quant Time: Dec 07 15:57:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

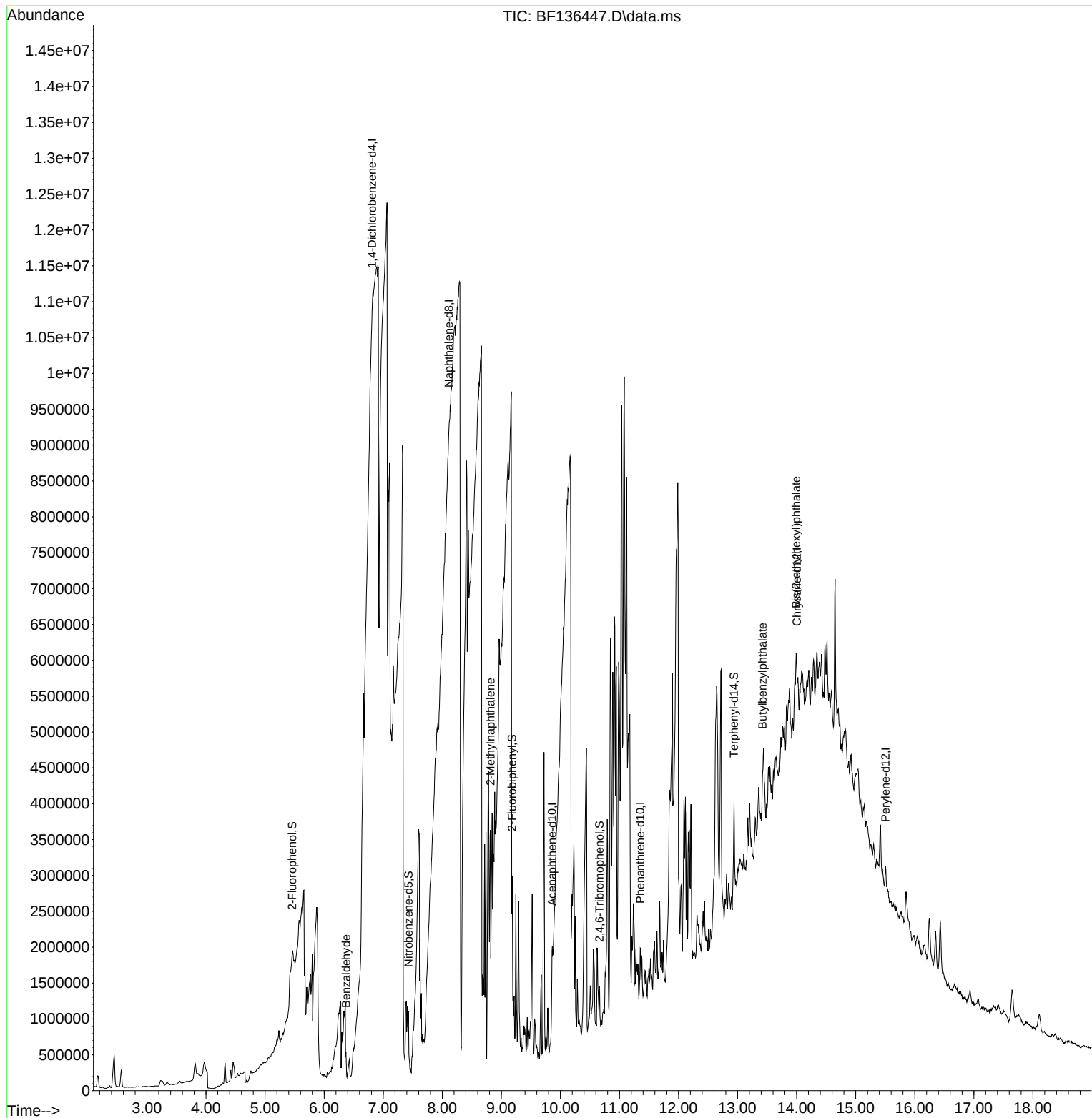
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	31943	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	189419	20.000	ng	# 0.03
39) Acenaphthene-d10	9.857	164	212266	20.000	ng	0.02
64) Phenanthrene-d10	11.351	188	251491	20.000	ng	# 0.02
76) Chrysene-d12	14.004	240	179749	20.000	ng	# 0.02
86) Perylene-d12	15.504	264	179248	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	34972	16.169	ng	0.02
7) Phenol-d6	6.422	99	2904	1.076	ng	-0.02
23) Nitrobenzene-d5	7.428	82	200604	57.253	ng	0.06
42) 2,4,6-Tribromophenol	10.663	330	73533	28.095	ng	0.03
45) 2-Fluorobiphenyl	9.181	172	309789	19.914	ng	0.02
79) Terphenyl-d14	12.939	244	362320	26.568	ng	0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.369	77	81721	72.435	ng	88
37) 2-Methylnaphthalene	8.816	142	16505	2.484	ng	93
80) Butylbenzylphthalate	13.422	149	36019	5.748	ng	# 80
84) Bis(2-ethylhexyl)phtha...	13.992	149	242125	31.517	ng	# 93

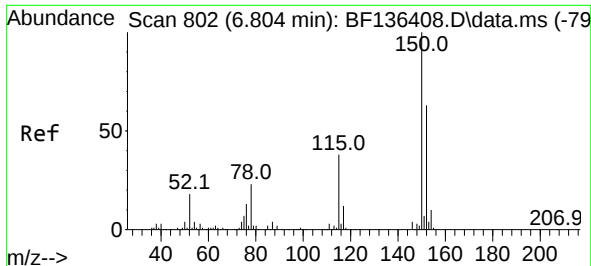
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 07 15:57:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

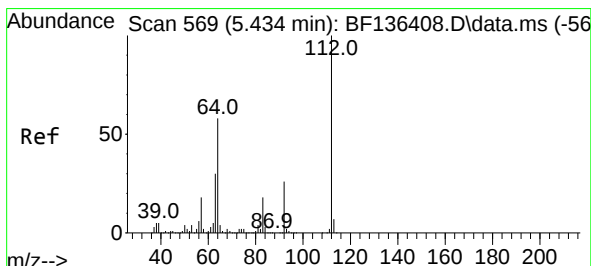
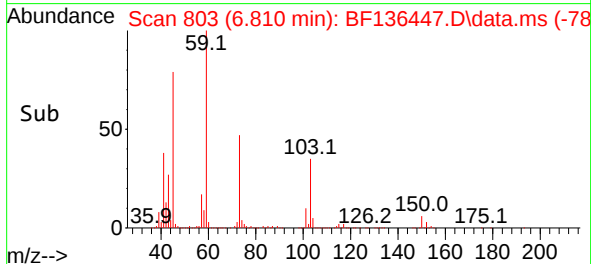
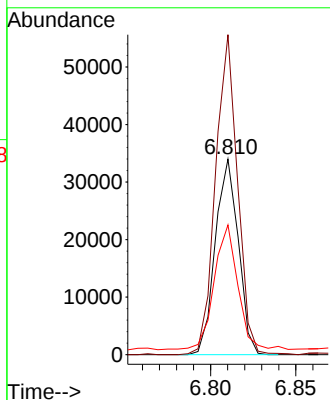
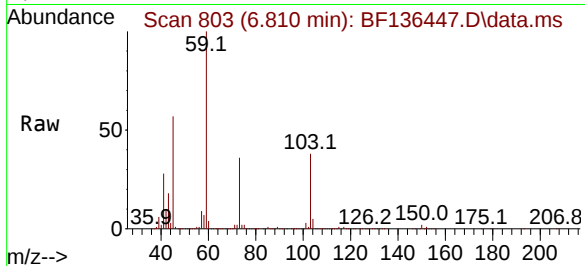




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF136447.D
Acq: 07 Dec 2023 15:18

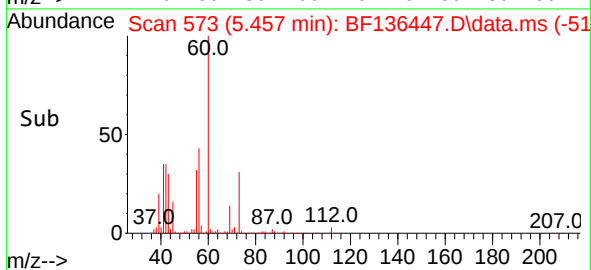
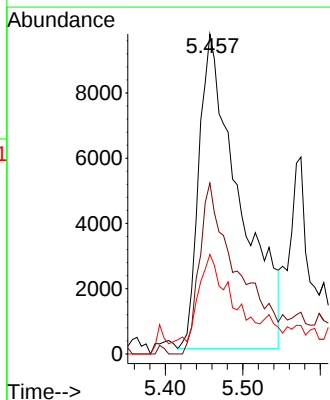
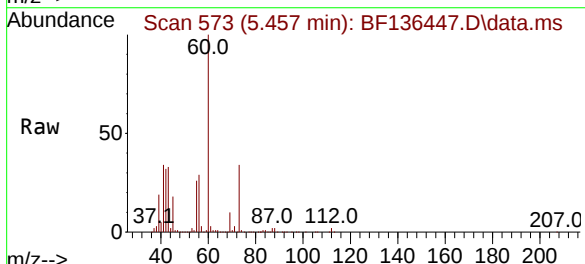
Instrument :
BNA_F
ClientSampleId :
OILY-WATER-TOTE

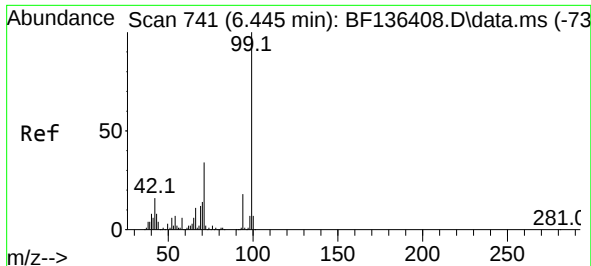
Tgt Ion:152 Resp: 31943
Ion Ratio Lower Upper
152 100
150 163.7 126.4 189.6
115 66.4 48.2 72.4



#5
2-Fluorophenol
Concen: 16.169 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.024 min
Lab File: BF136447.D
Acq: 07 Dec 2023 15:18

Tgt Ion:112 Resp: 34972
Ion Ratio Lower Upper
112 100
64 53.4 46.5 69.7
63 31.1 23.9 35.9

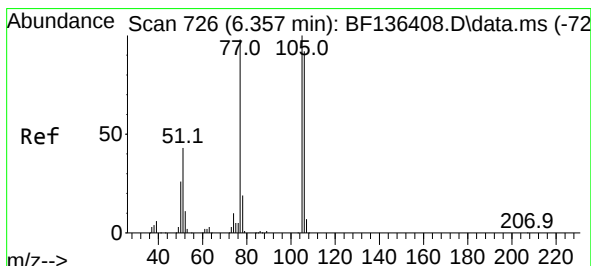
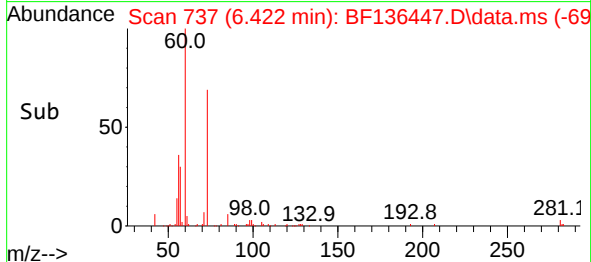
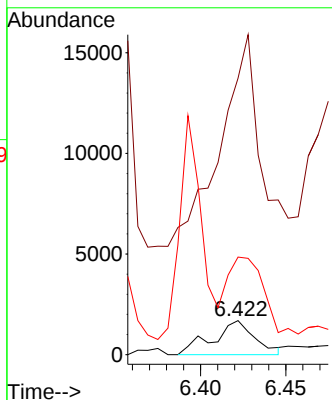
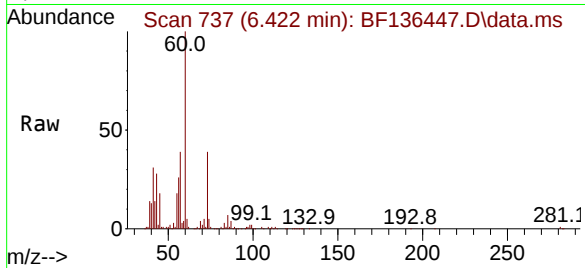




#7
Phenol-d6
Concen: 1.076 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF136447.D
Acq: 07 Dec 2023 15:18

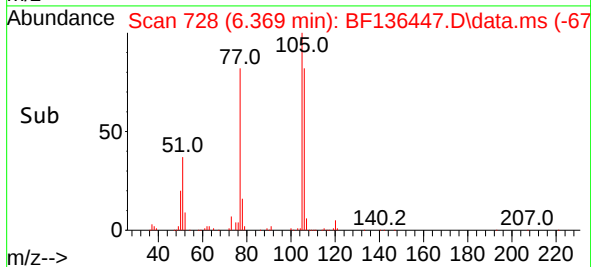
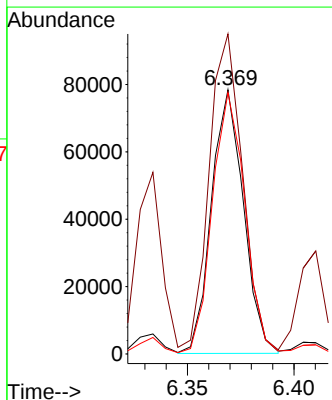
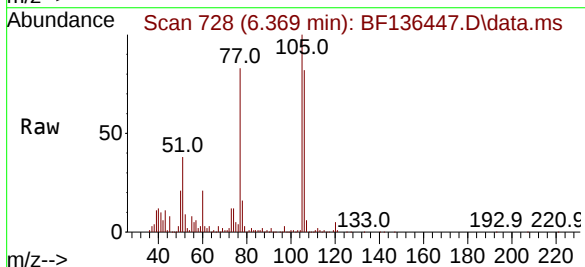
Instrument :
BNA_F
ClientSampleId :
OILY-WATER-TOTE

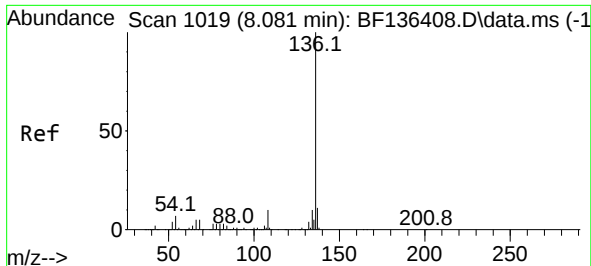
Tgt Ion: 99 Resp: 2904
Ion Ratio Lower Upper
99 100
42 811.3 12.8 19.2#
71 286.3 27.0 40.4#



#9
Benzaldehyde
Concen: 72.435 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.012 min
Lab File: BF136447.D
Acq: 07 Dec 2023 15:18

Tgt Ion: 77 Resp: 81721
Ion Ratio Lower Upper
77 100
105 121.1 82.5 122.5
106 98.9 74.5 114.5

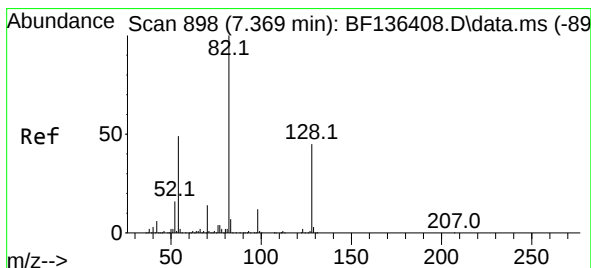
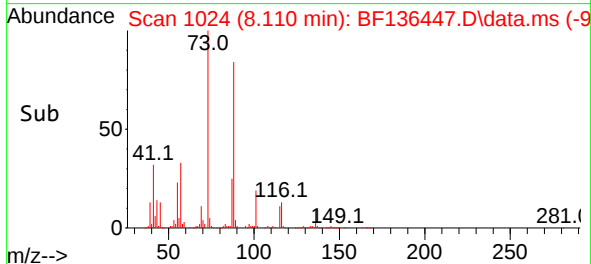
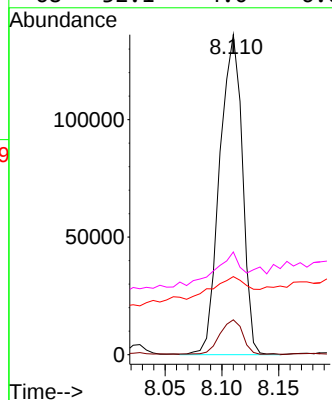
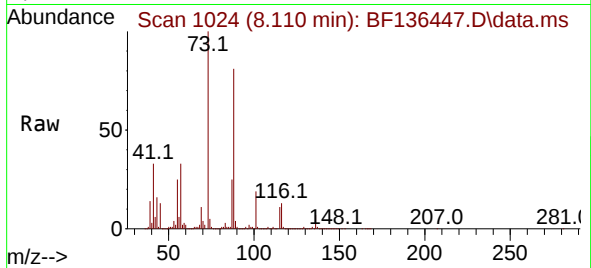




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.029 min
Lab File: BF136447.D
Acq: 07 Dec 2023 15:18

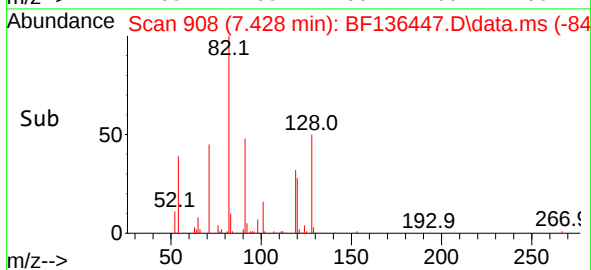
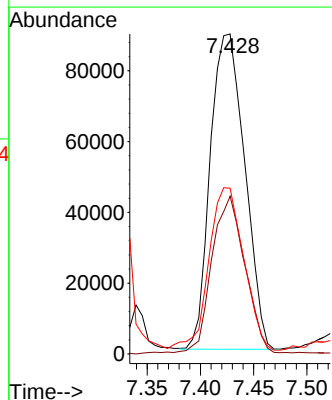
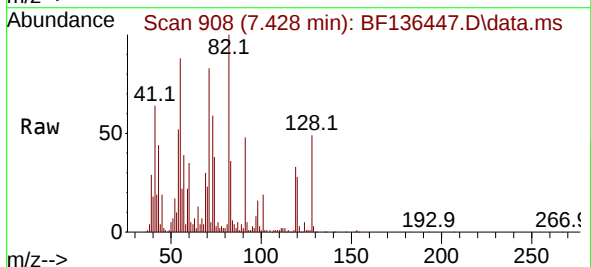
Instrument :
BNA_F
ClientSampleId :
OILY-WATER-TOTE

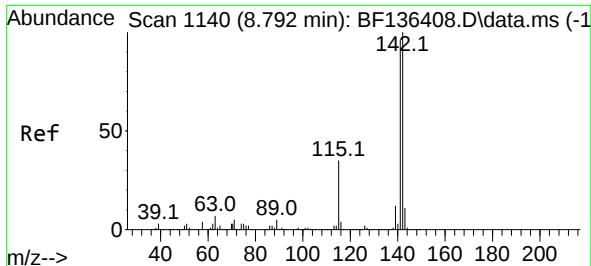
Tgt Ion:136 Resp: 189419
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 24.4 5.7 8.5#
68 32.1 4.0 6.0#



#23
Nitrobenzene-d5
Concen: 57.253 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.059 min
Lab File: BF136447.D
Acq: 07 Dec 2023 15:18

Tgt Ion: 82 Resp: 200604
Ion Ratio Lower Upper
82 100
128 49.3 36.3 54.5
54 51.8 39.0 58.6





#37

2-Methylnaphthalene

Concen: 2.484 ng

RT: 8.816 min Scan# 1144

Delta R.T. 0.024 min

Lab File: BF136447.D

Acq: 07 Dec 2023 15:18

Instrument :

BNA_F

ClientSampleId :

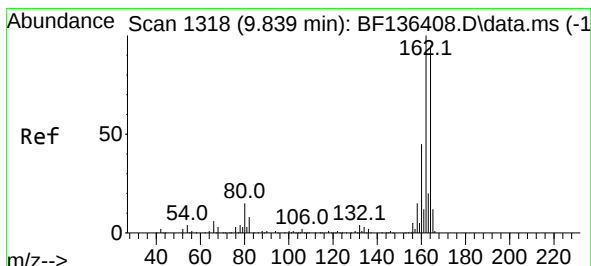
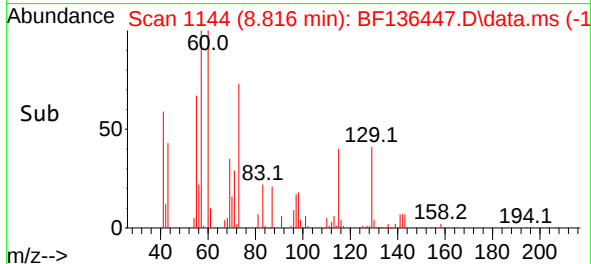
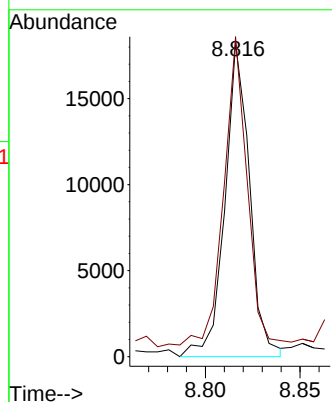
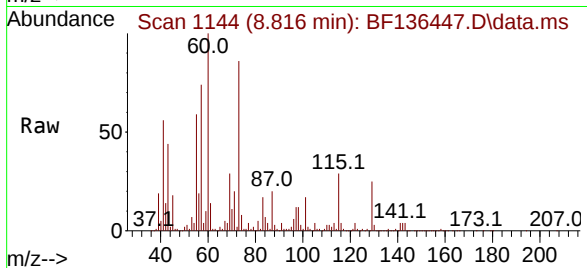
OILY-WATER-TOTE

Tgt Ion:142 Resp: 16505

Ion Ratio Lower Upper

142 100

141 102.0 76.4 114.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.018 min

Lab File: BF136447.D

Acq: 07 Dec 2023 15:18

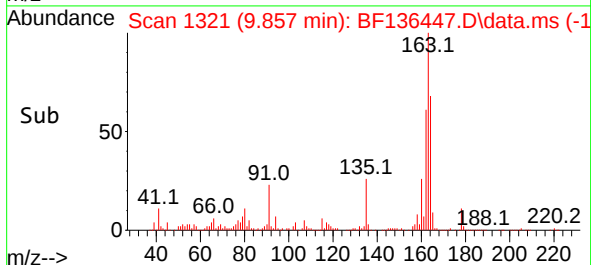
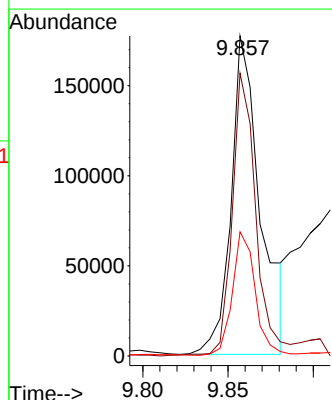
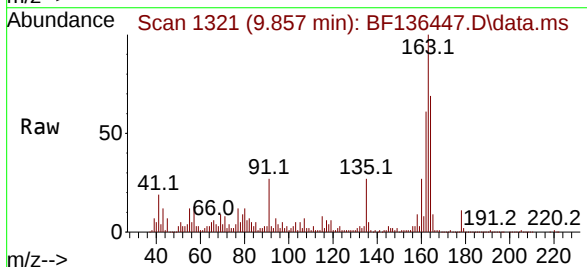
Tgt Ion:164 Resp: 212266

Ion Ratio Lower Upper

164 100

162 88.4 84.4 126.6

160 38.8 37.6 56.4

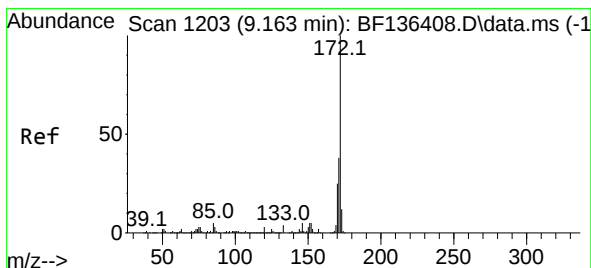
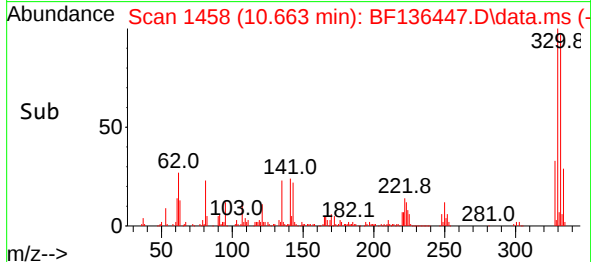
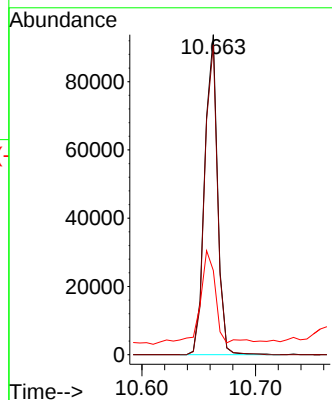
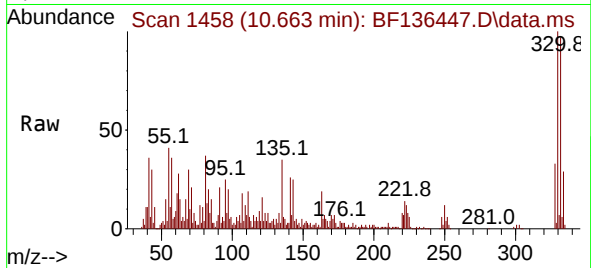




#42
2,4,6-Tribromophenol
Concen: 28.095 ng
RT: 10.663 min Scan# 1453
Delta R.T. 0.029 min
Lab File: BF136447.D
Acq: 07 Dec 2023 15:18

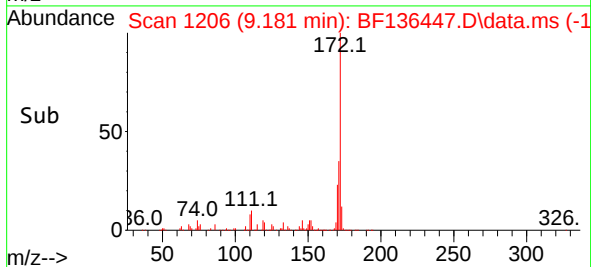
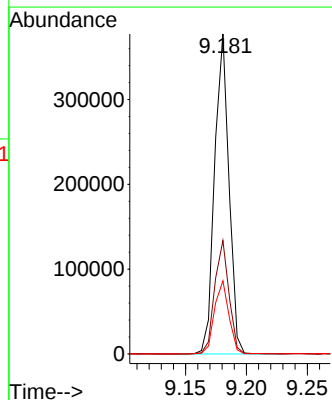
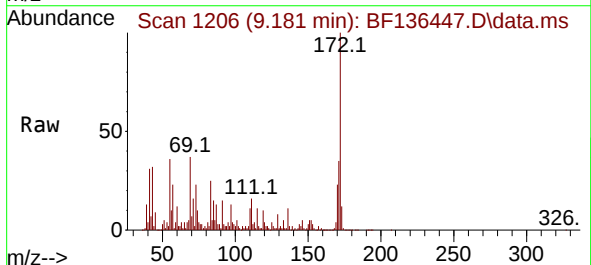
Instrument :
BNA_F
ClientSampleId :
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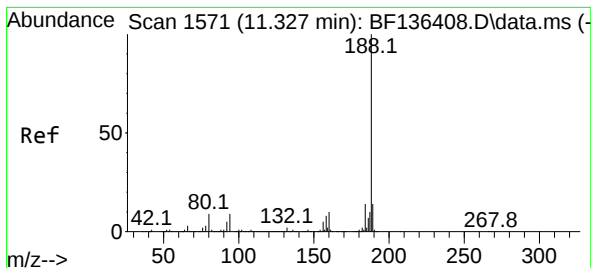
Tgt Ion:330 Resp: 73533
Ion Ratio Lower Upper
330 100
332 97.0 76.4 114.6
141 36.1 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 19.914 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.018 min
Lab File: BF136447.D
Acq: 07 Dec 2023 15:18

Tgt Ion:172 Resp: 309789
Ion Ratio Lower Upper
172 100
171 35.5 30.5 45.7
170 22.8 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. 0.024 min

Lab File: BF136447.D

Acq: 07 Dec 2023 15:18

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-TOTE

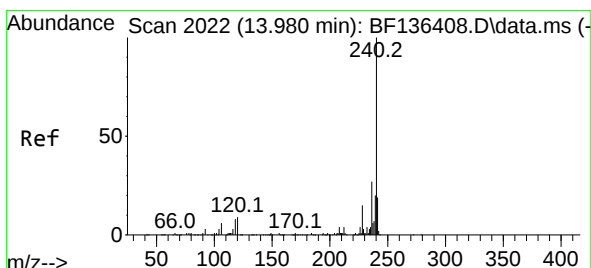
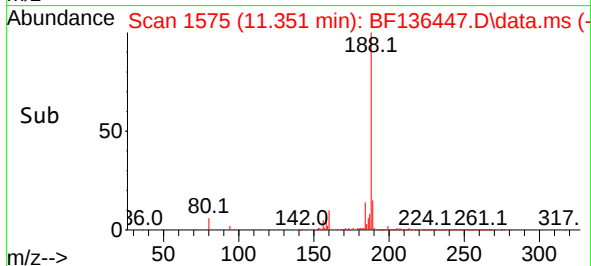
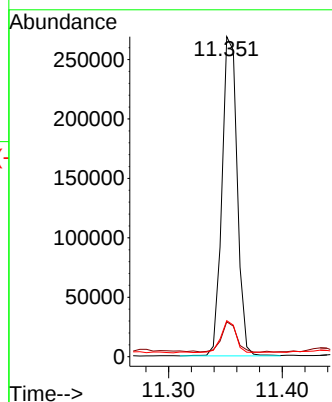
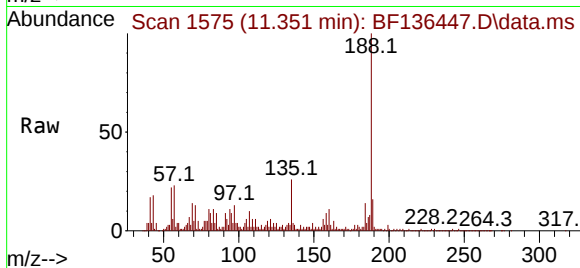
Tgt Ion:188 Resp: 251491

Ion Ratio Lower Upper

188 100

94 10.9 7.2 10.8#

80 11.3 7.2 10.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.024 min

Lab File: BF136447.D

Acq: 07 Dec 2023 15:18

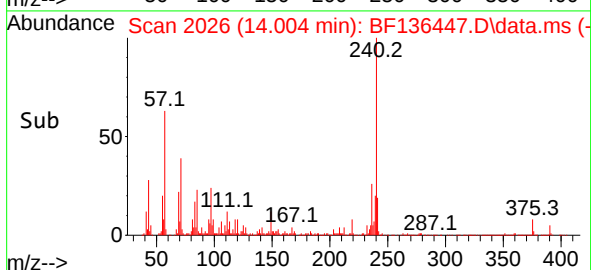
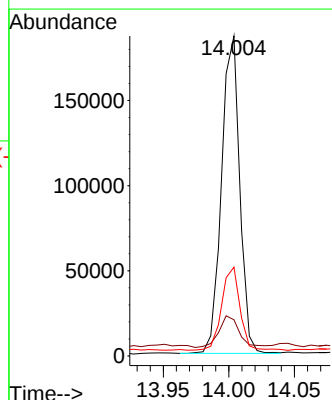
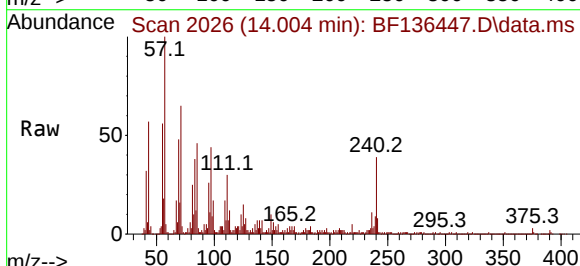
Tgt Ion:240 Resp: 179749

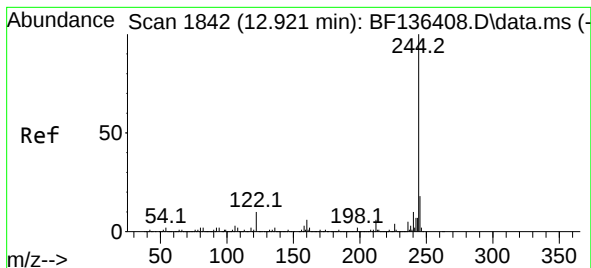
Ion Ratio Lower Upper

240 100

120 11.3 7.3 10.9#

236 27.7 21.3 31.9





#79

Terphenyl-d14

Concen: 26.568 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.018 min

Lab File: BF136447.D

Acq: 07 Dec 2023 15:18

Instrument :

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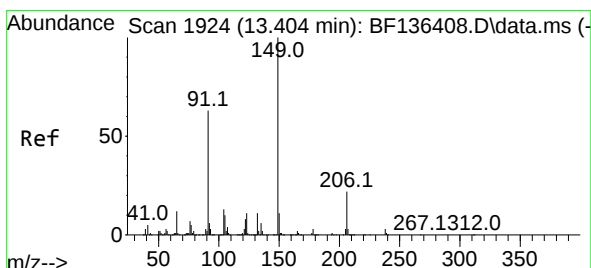
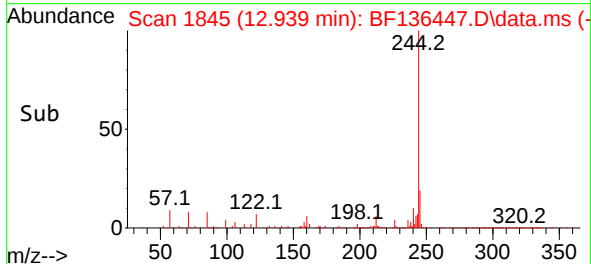
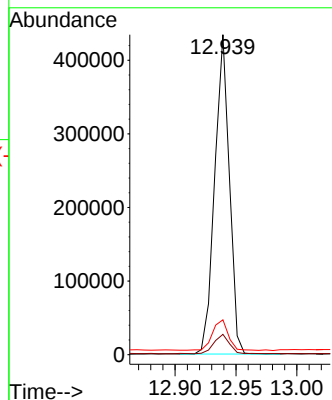
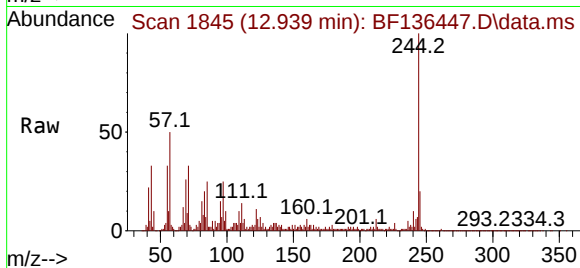
Tgt Ion:244 Resp: 362320

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 10.9 8.3 12.5



#80

Butylbenzylphthalate

Concen: 5.748 ng

RT: 13.422 min Scan# 1927

Delta R.T. 0.018 min

Lab File: BF136447.D

Acq: 07 Dec 2023 15:18

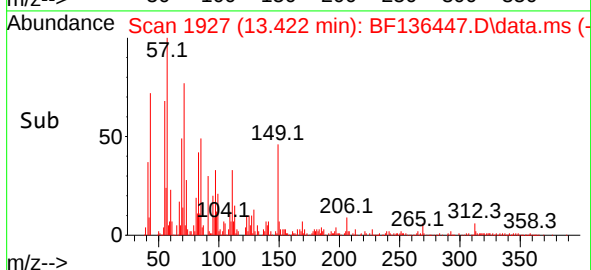
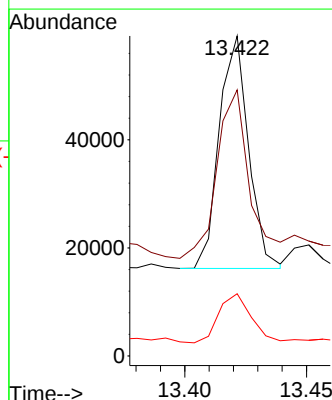
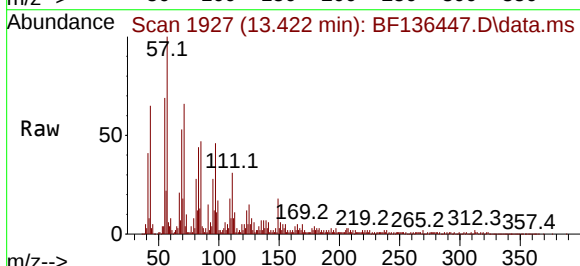
Tgt Ion:149 Resp: 36019

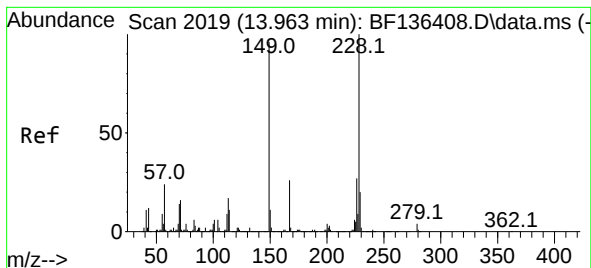
Ion Ratio Lower Upper

149 100

91 83.2 50.5 75.7#

206 19.5 17.4 26.2

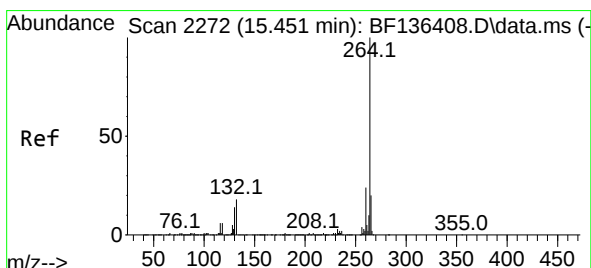
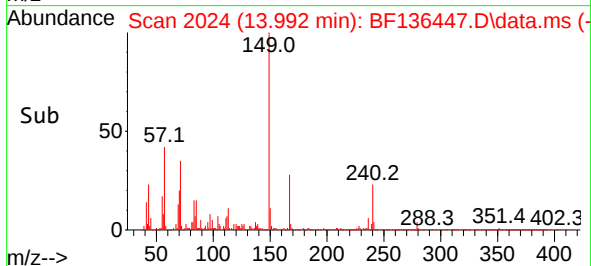
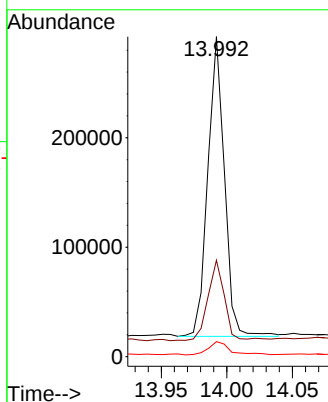
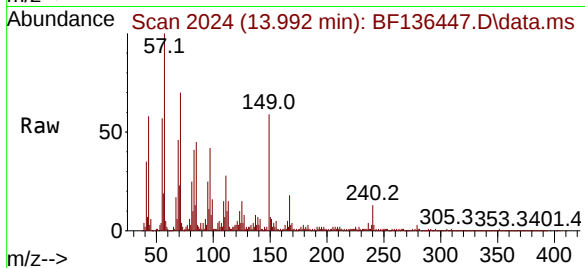




#84
Bis(2-ethylhexyl)phthalate
Concen: 31.517 ng
RT: 13.992 min Scan# 2019
Delta R.T. 0.029 min
Lab File: BF136447.D
Acq: 07 Dec 2023 15:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-TOTE

Tgt Ion:149 Resp: 242125
Ion Ratio Lower Upper
149 100
167 30.2 21.2 31.8
279 4.7 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.053 min
Lab File: BF136447.D
Acq: 07 Dec 2023 15:18

Tgt Ion:264 Resp: 179248
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.7 15.9 23.9

