

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031925\
 Data File : BF142000.D
 Acq On : 19 Mar 2025 12:16
 Operator : RC/JU
 Sample : Q1592-01 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS-COMP

Quant Time: Mar 19 12:37:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

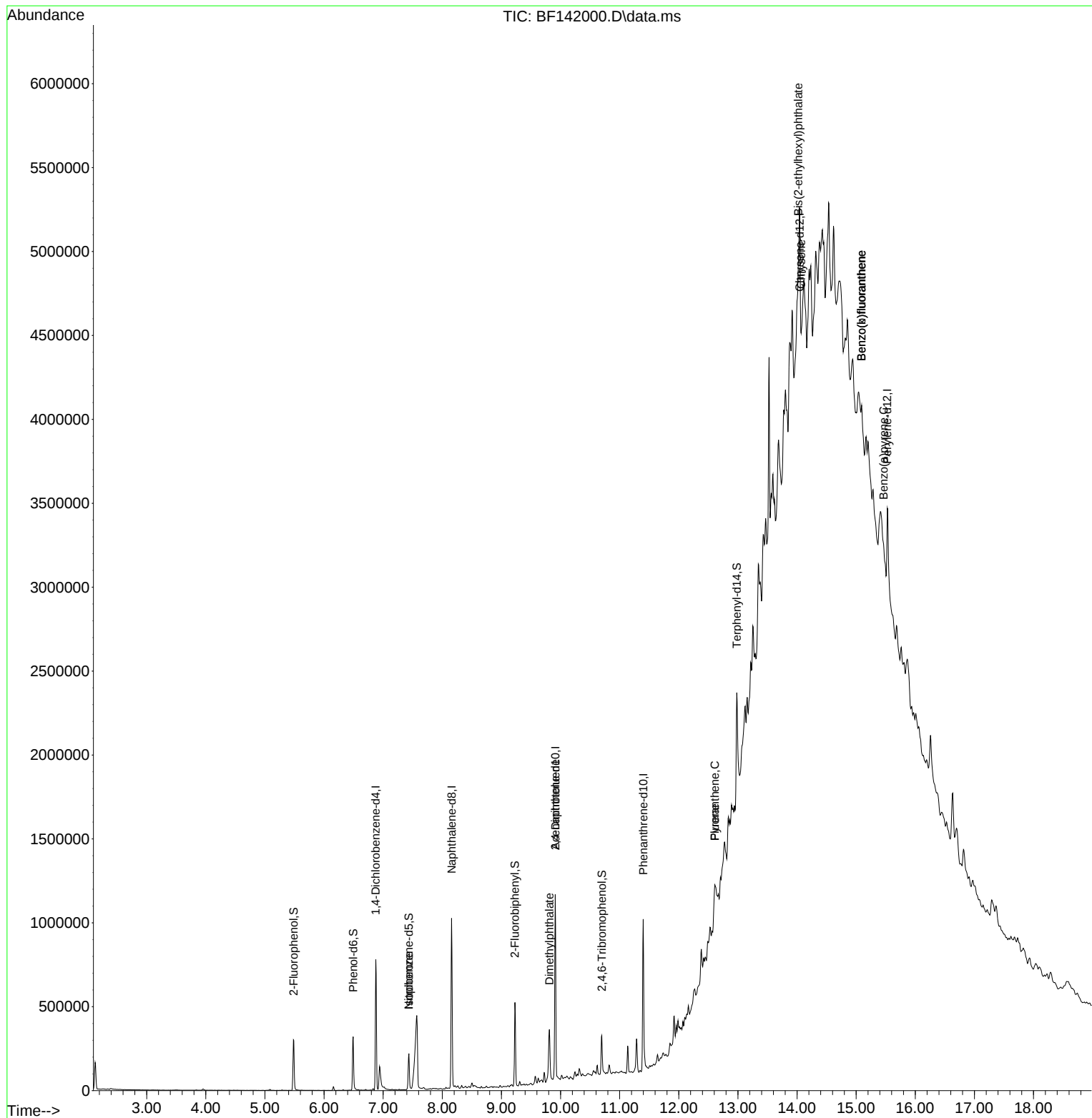
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	168253	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	646272	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	323362	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	453699	20.000	ng	0.00
76) Chrysene-d12	14.045	240	350856	20.000	ng	0.00
86) Perylene-d12	15.527	264	304283	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	126932	12.591	ng	0.00
7) Phenol-d6	6.493	99	160314	12.490	ng	-0.01
23) Nitrobenzene-d5	7.434	82	104044	9.060	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	44105	10.751	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	221709	10.427	ng	-0.01
79) Terphenyl-d14	12.980	244	179940	7.582	ng	0.00
Target Compounds						
					Qvalue	
25) Isophorone	7.434	82	97520	4.804	ng	# 64
50) Dimethylphthalate	9.810	163	151320	6.682	ng	# 95
57) 2,4-Dinitrotoluene	9.910	165	41982	6.818	ng	# 25
75) Fluoranthene	12.610	202	103116	3.967	ng	97
78) Pyrene	12.610	202	103116	3.398	ng	97
83) Chrysene	14.069	228	43436	2.081	ng	# 88
84) Bis(2-ethylhexyl)phtha...	14.021	149	194319	11.864	ng	91
88) Benzo(b)fluoranthene	15.092	252	82473	3.955	ng	# 1
89) Benzo(k)fluoranthene	15.092	252	82473	4.621	ng	# 1
90) Benzo(a)pyrene	15.463	252	35049	2.148	ng	# 1

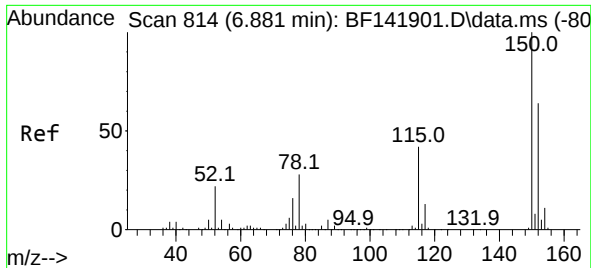
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031925\
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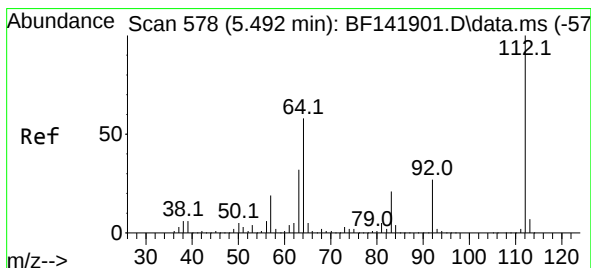
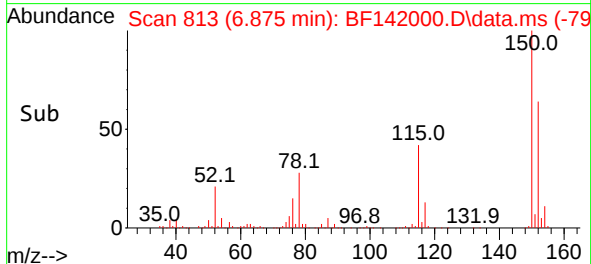
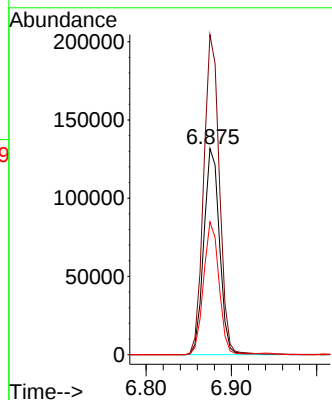
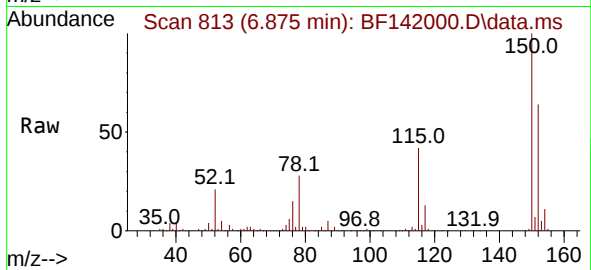




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

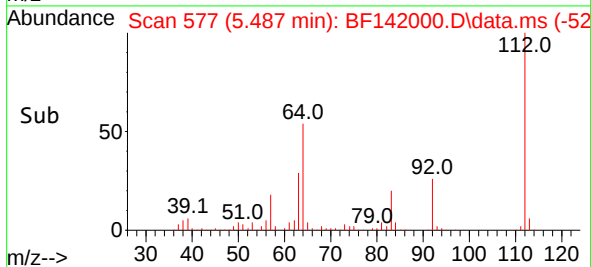
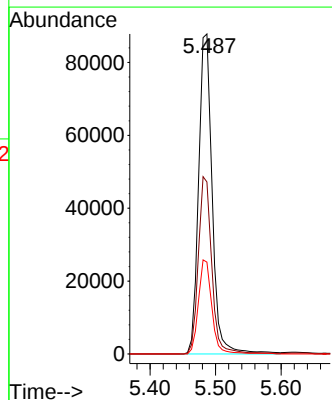
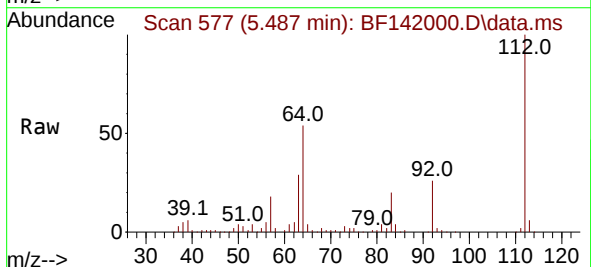
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMP

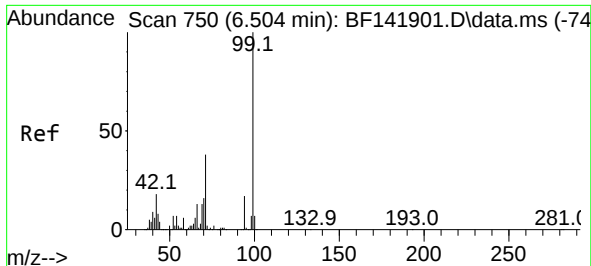
Tgt Ion:152 Resp: 168253
Ion Ratio Lower Upper
152 100
150 155.2 127.4 191.2
115 64.4 51.9 77.9



#5
2-Fluorophenol
Concen: 12.591 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

Tgt Ion:112 Resp: 126932
Ion Ratio Lower Upper
112 100
64 53.7 46.5 69.7
63 28.7 25.4 38.2

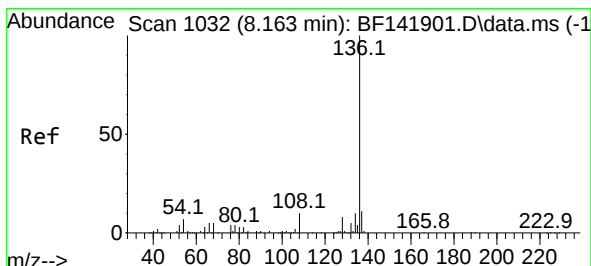
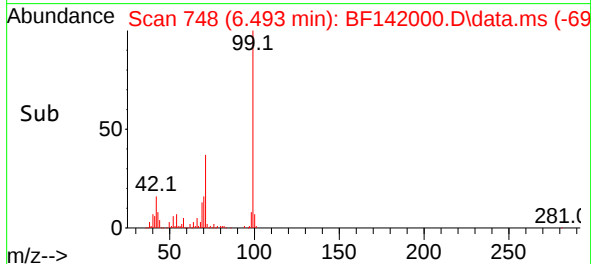
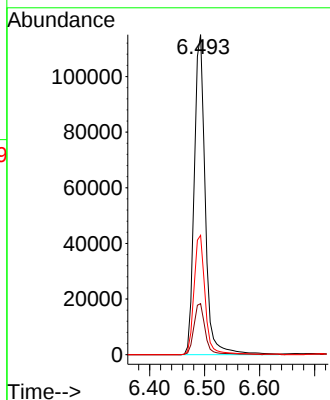
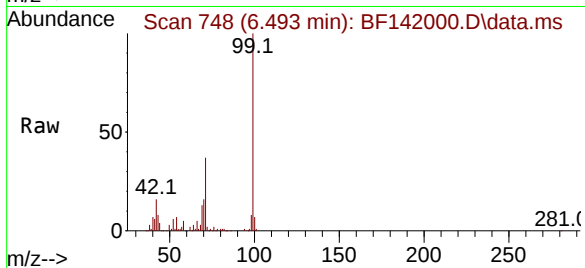




#7
Phenol-d6
Concen: 12.490 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

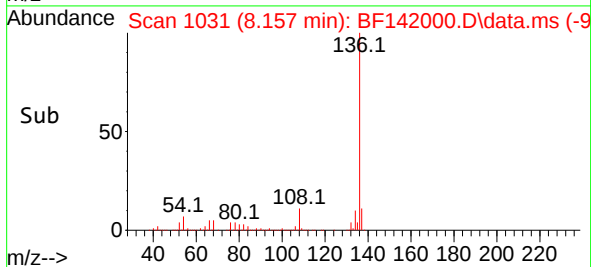
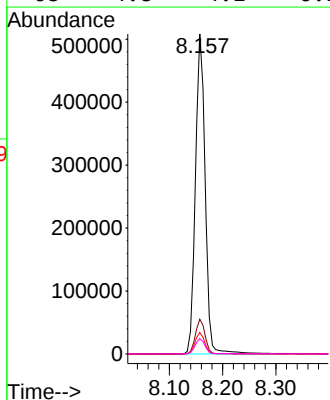
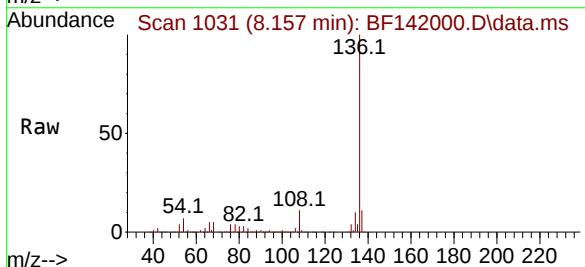
Instrument :
BNA_F
ClientSampleId :
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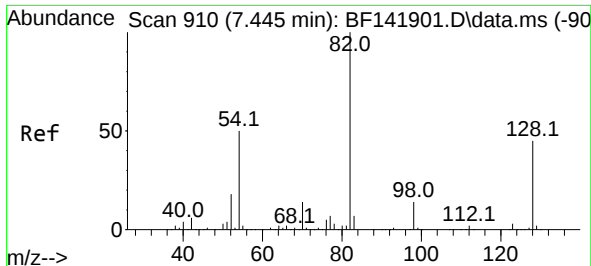
Tgt Ion: 99 Resp: 160314
Ion Ratio Lower Upper
99 100
42 16.0 14.6 21.8
71 37.3 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

Tgt Ion:136 Resp: 646272
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.7 5.8 8.8
68 4.8 4.1 6.1

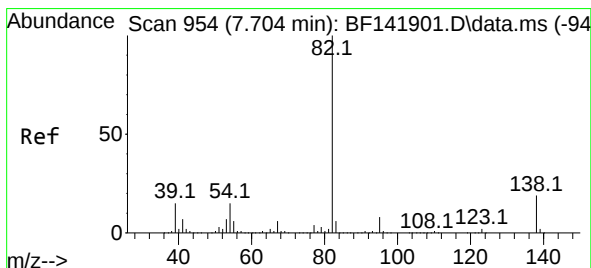
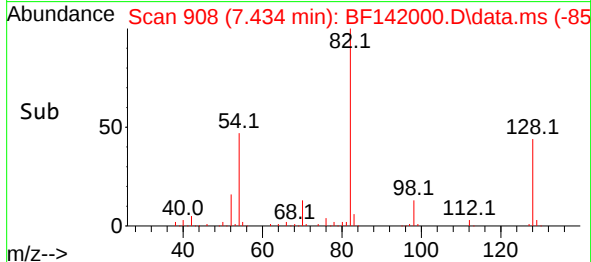
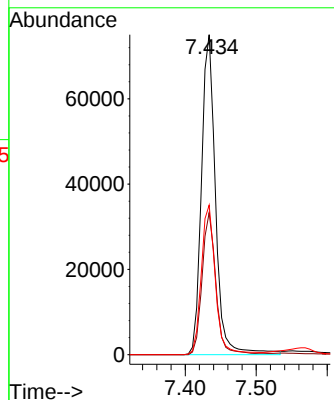
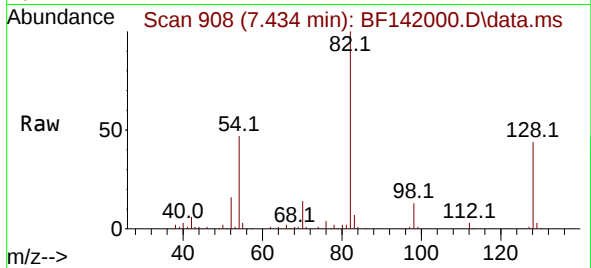




#23
Nitrobenzene-d5
Concen: 9.060 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

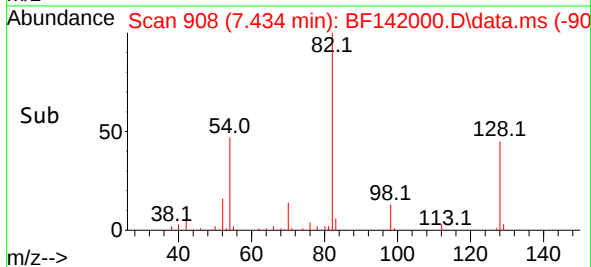
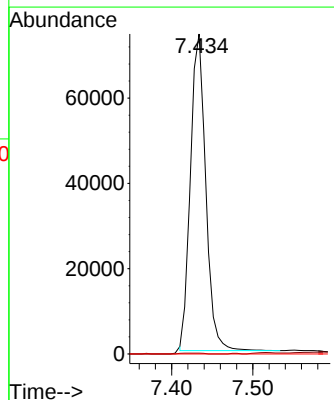
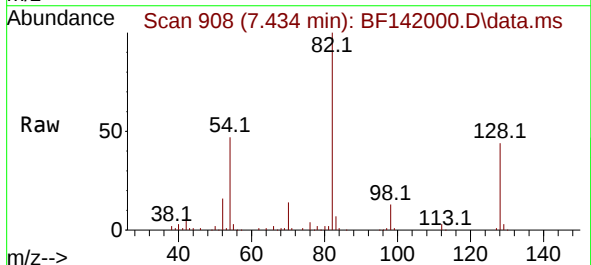
Instrument :
BNA_F
ClientSampleId :
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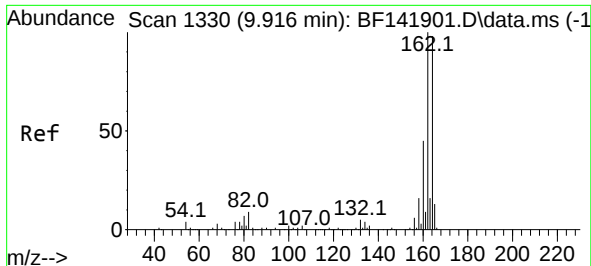
Tgt Ion: 82 Resp: 104044
Ion Ratio Lower Upper
82 100
128 44.4 36.0 54.0
54 46.8 39.6 59.4



#25
Isophorone
Concen: 4.804 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.270 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

Tgt Ion: 82 Resp: 97520
Ion Ratio Lower Upper
82 100
95 0.2 6.4 9.6#
138 0.0 14.9 22.3#

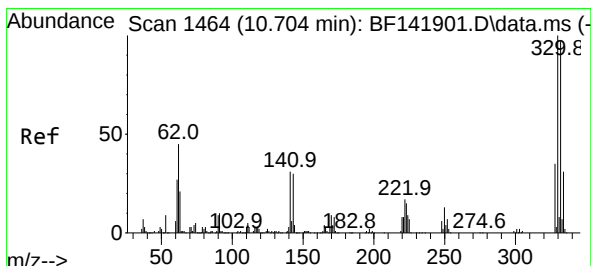
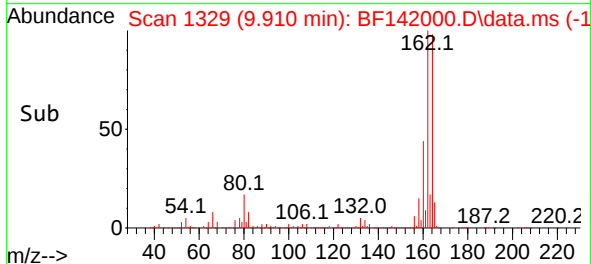
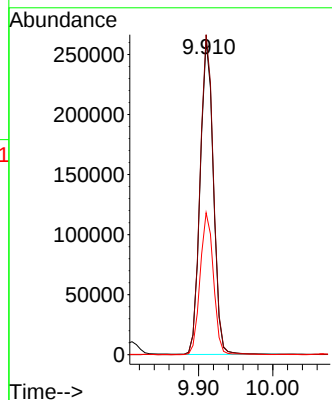
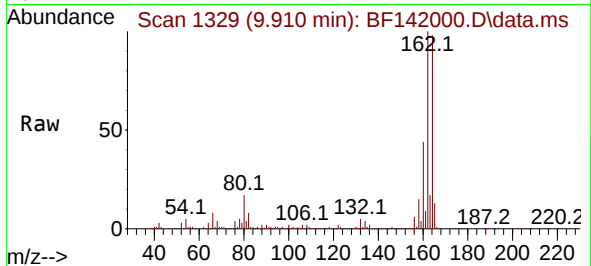




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

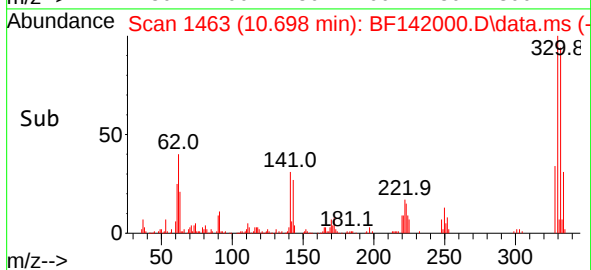
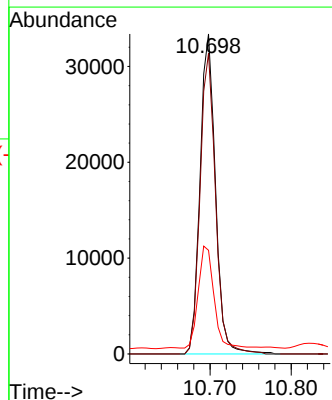
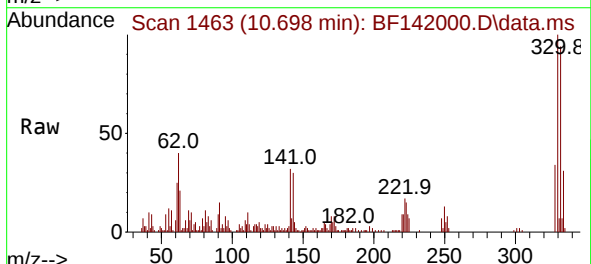
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ClientSampleId :
OILY-DEBRIS-COMP

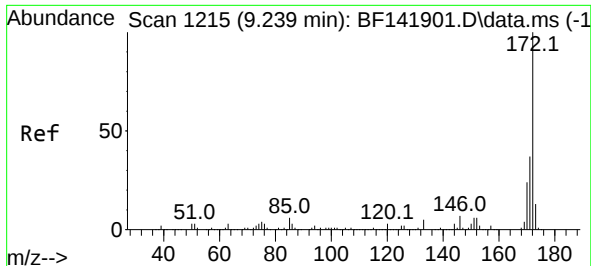
Tgt Ion:164 Resp: 323362
Ion Ratio Lower Upper
164 100
162 101.9 81.8 122.6
160 45.2 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 10.751 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

Tgt Ion:330 Resp: 44105
Ion Ratio Lower Upper
330 100
332 94.3 77.6 116.4
141 32.8 24.7 37.1

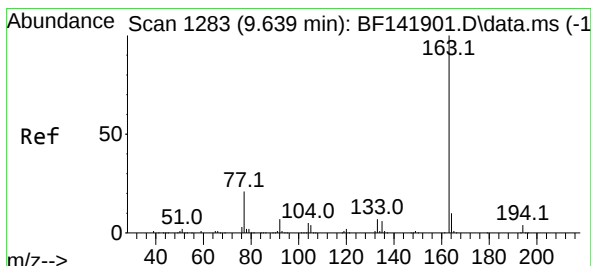
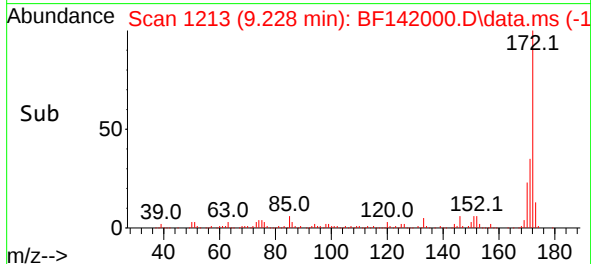
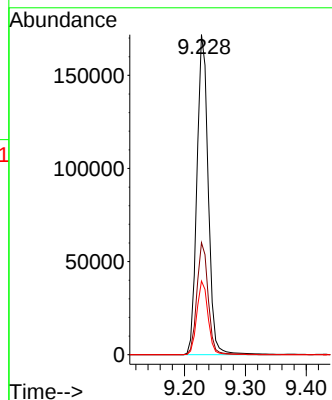
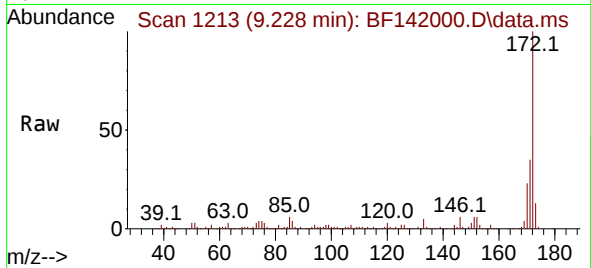




#45
2-Fluorobiphenyl
Concen: 10.427 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

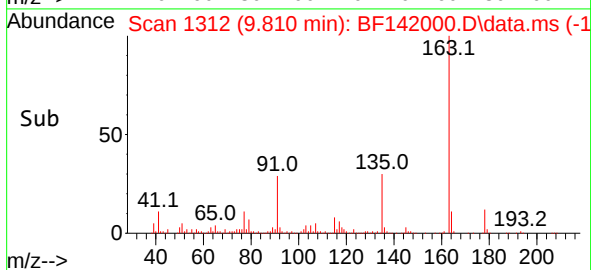
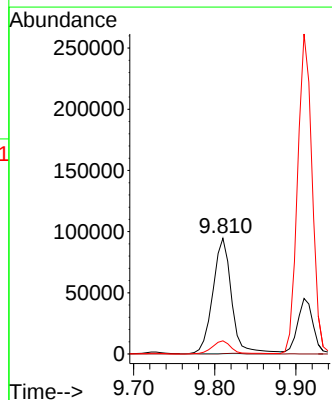
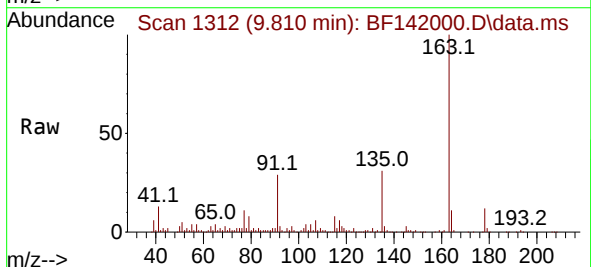
Instrument :
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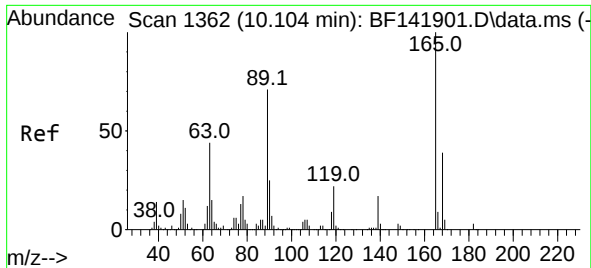
Tgt Ion:172 Resp: 221709
Ion Ratio Lower Upper
172 100
171 35.0 29.3 43.9
170 23.0 19.4 29.0



#50
Dimethylphthalate
Concen: 6.682 ng
RT: 9.810 min Scan# 1312
Delta R.T. 0.171 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

Tgt Ion:163 Resp: 151320
Ion Ratio Lower Upper
163 100
194 0.3 3.1 4.7#
164 11.4 8.2 12.4

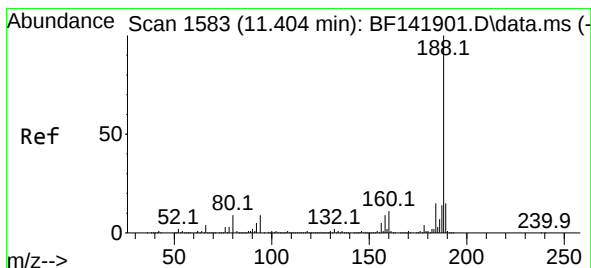
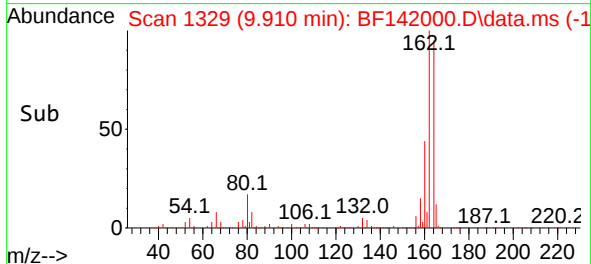
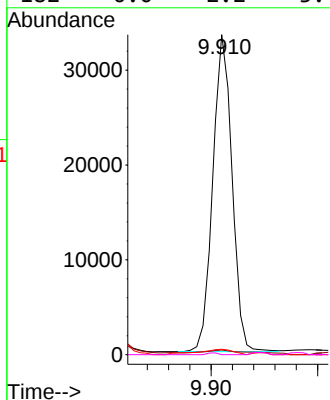
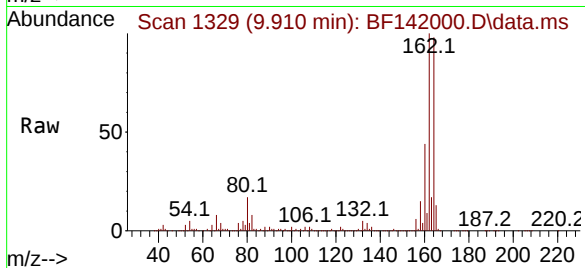




#57
2,4-Dinitrotoluene
Concen: 6.818 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

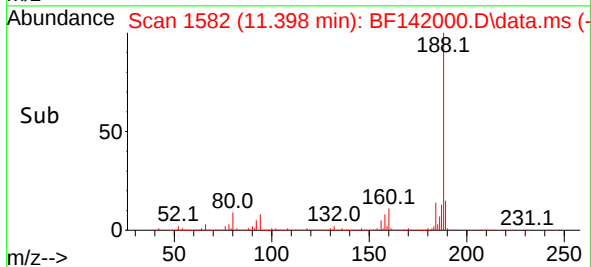
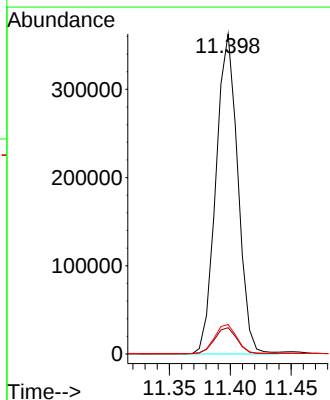
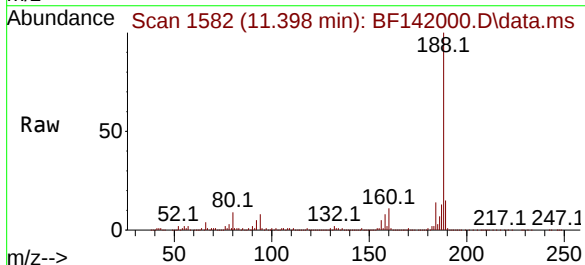
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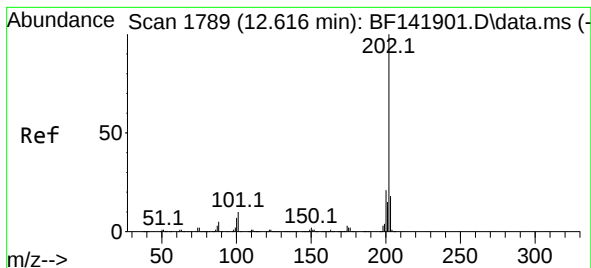
Tgt Ion:165 Resp: 41982
Ion Ratio Lower Upper
165 100
63 1.4 35.4 53.2#
89 1.7 56.6 84.8#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

Tgt Ion:188 Resp: 453699
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.2 7.6 11.4





#75

Fluoranthene

Concen: 3.967 ng

RT: 12.610 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142000.D

Acq: 19 Mar 2025 12:16

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS-COMP

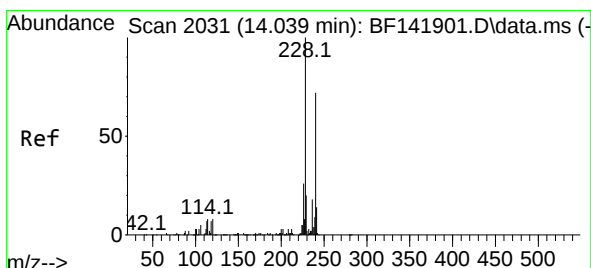
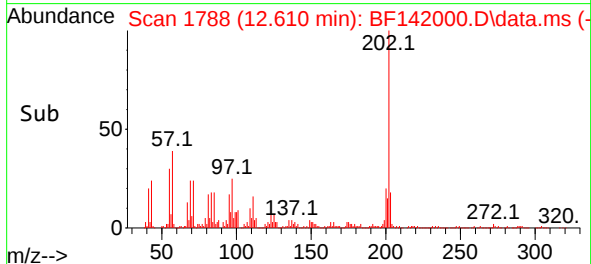
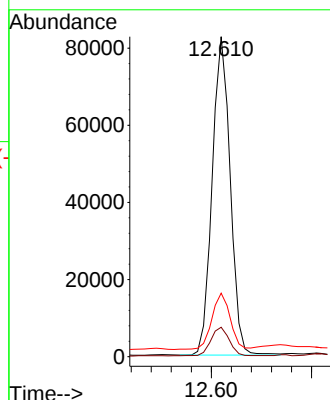
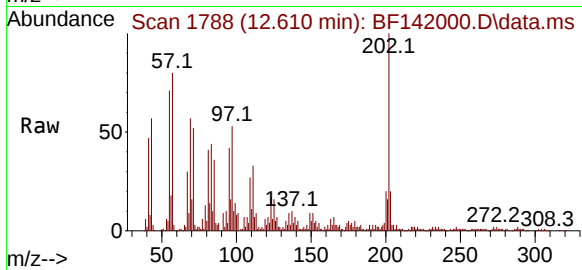
Tgt Ion:202 Resp: 103116

Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.7

203 19.8 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF142000.D

Acq: 19 Mar 2025 12:16

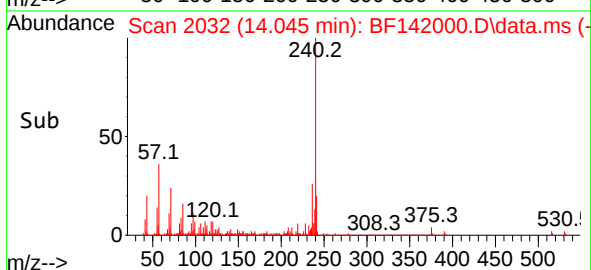
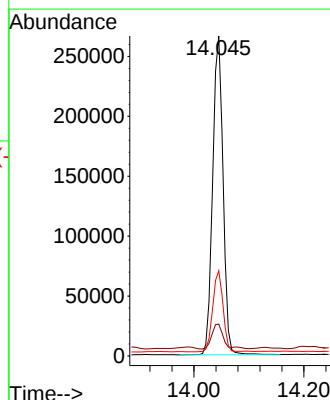
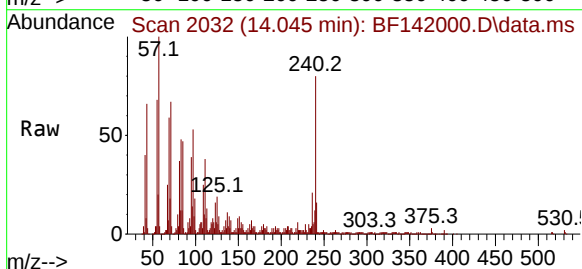
Tgt Ion:240 Resp: 350856

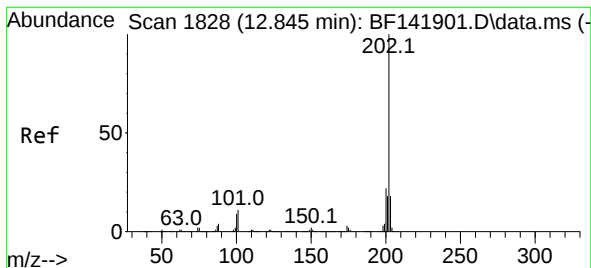
Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

236 26.6 20.5 30.7





#78

Pyrene

Concen: 3.398 ng

RT: 12.610 min Scan# 11

Delta R.T. -0.235 min

Lab File: BF142000.D

Acq: 19 Mar 2025 12:16

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS-COMP

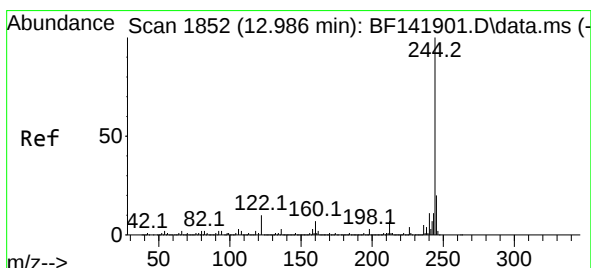
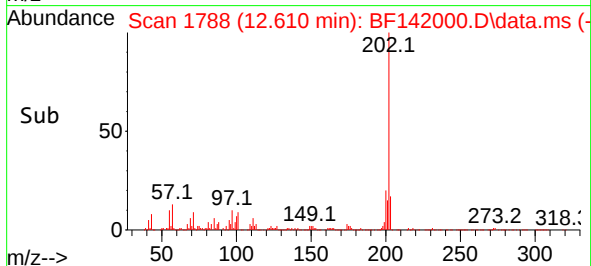
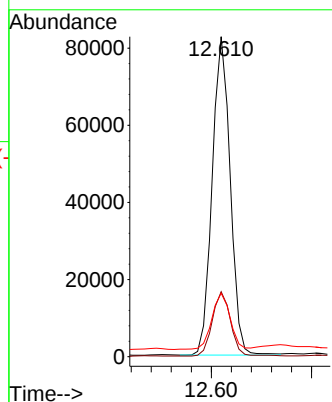
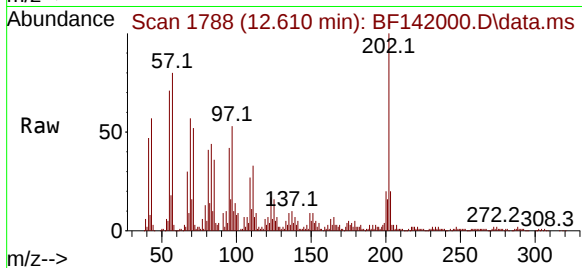
Tgt Ion:202 Resp: 103116

Ion Ratio Lower Upper

202 100

200 20.3 17.3 25.9

203 19.8 14.4 21.6



#79

Terphenyl-d14

Concen: 7.582 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142000.D

Acq: 19 Mar 2025 12:16

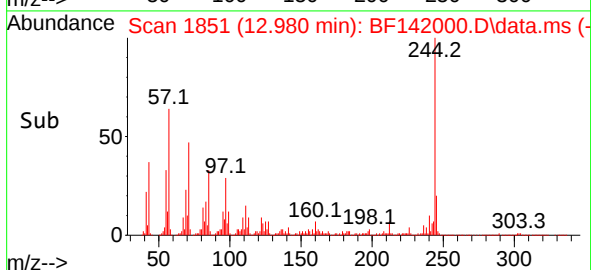
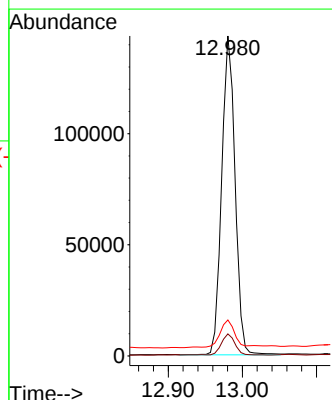
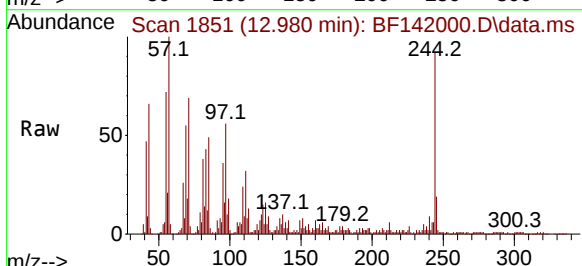
Tgt Ion:244 Resp: 179940

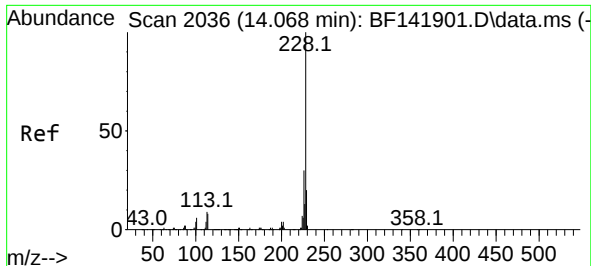
Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 11.2 7.7 11.5





#83

Chrysene

Concen: 2.081 ng

RT: 14.069 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF142000.D

Acq: 19 Mar 2025 12:16

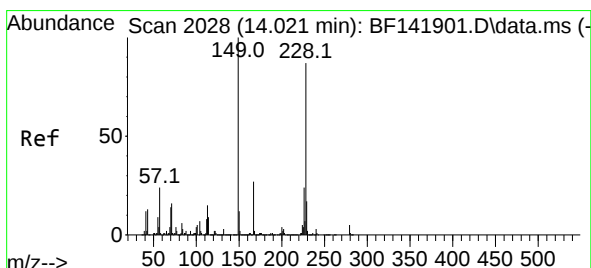
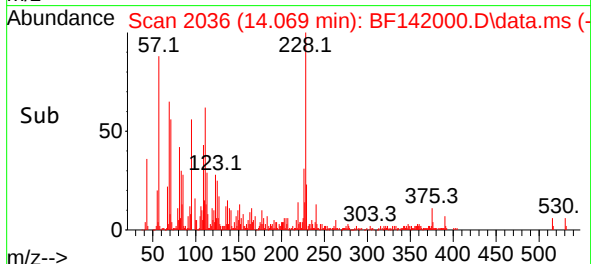
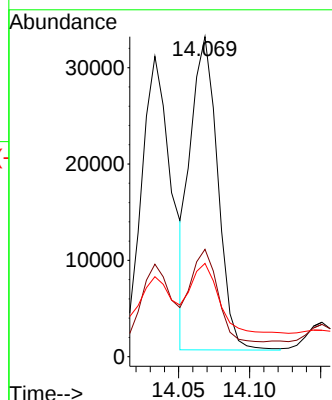
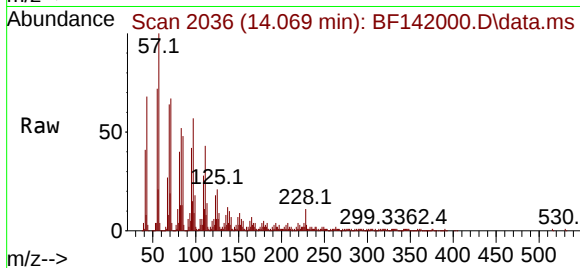
Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS-COMP

Tgt Ion:	228	Resp:	43436
Ion Ratio	Lower	Upper	
228	100		
226	33.6	24.1	36.1
229	29.1	15.7	23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 11.864 ng

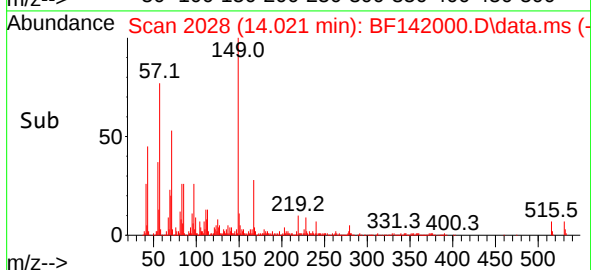
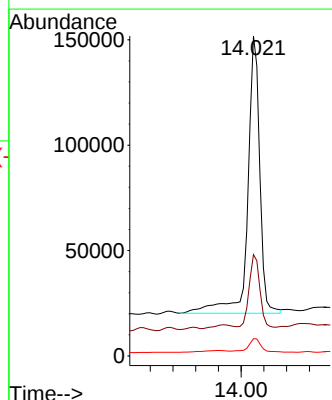
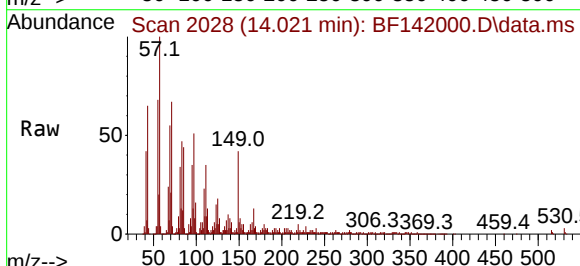
RT: 14.021 min Scan# 2028

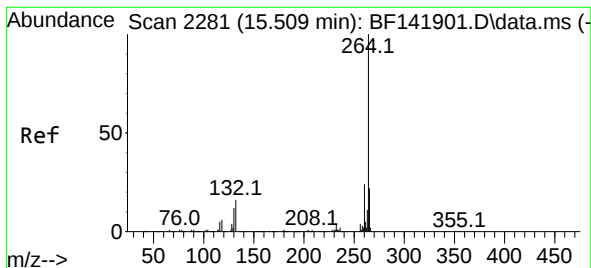
Delta R.T. 0.000 min

Lab File: BF142000.D

Acq: 19 Mar 2025 12:16

Tgt Ion:	149	Resp:	194319
Ion Ratio	Lower	Upper	
149	100		
167	31.7	21.4	32.0
279	5.4	3.8	5.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF142000.D

Acq: 19 Mar 2025 12:16

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS-COMP

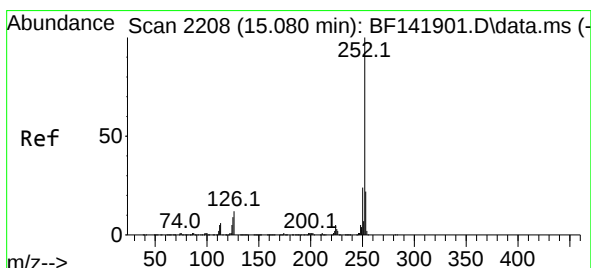
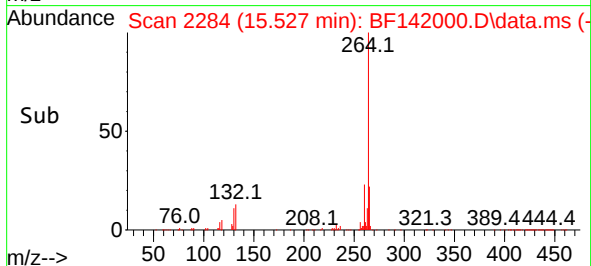
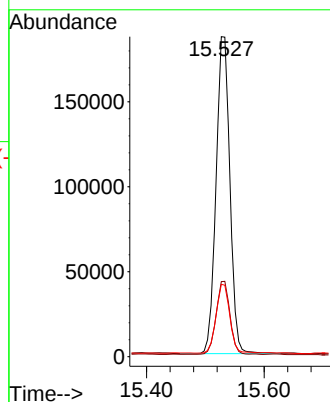
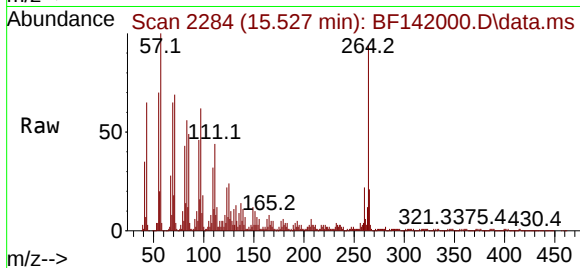
Tgt Ion:264 Resp: 304283

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 22.6 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 3.955 ng

RT: 15.092 min Scan# 2210

Delta R.T. 0.012 min

Lab File: BF142000.D

Acq: 19 Mar 2025 12:16

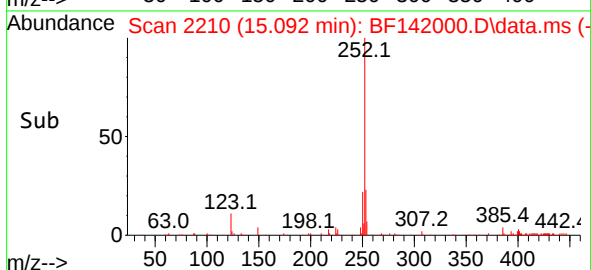
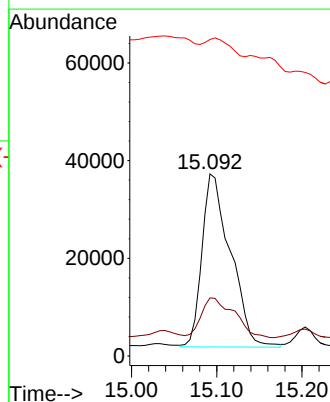
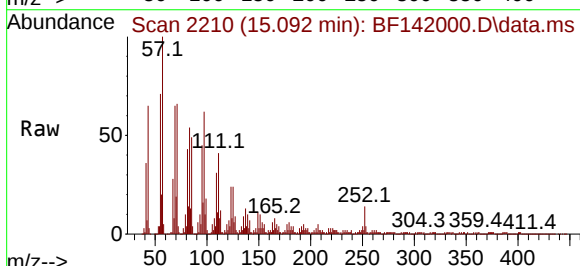
Tgt Ion:252 Resp: 82473

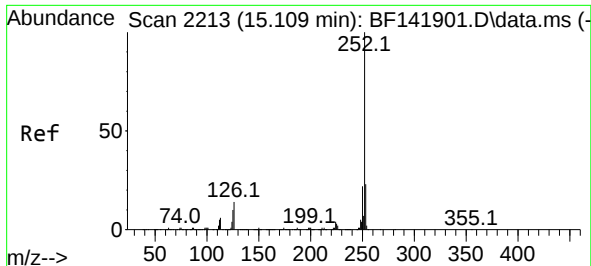
Ion Ratio Lower Upper

252 100

253 32.0 17.5 26.3#

125 173.9 7.0 10.4#

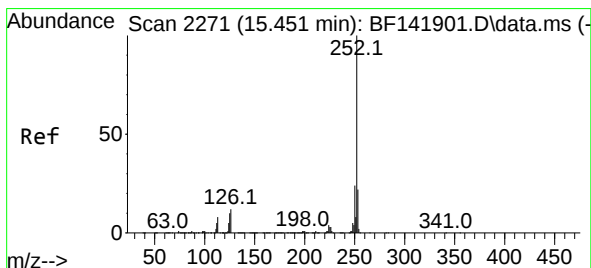
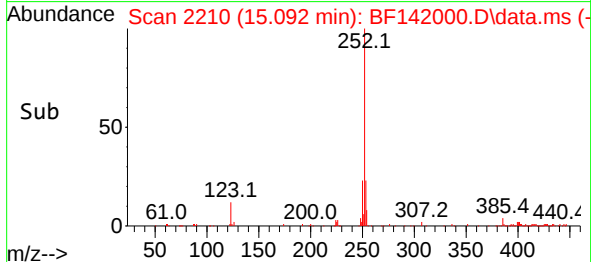
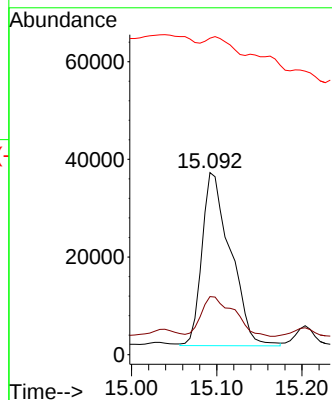
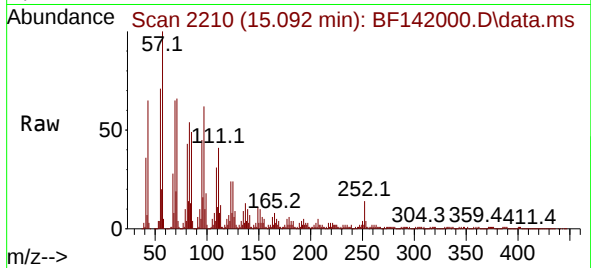




#89
Benzo(k)fluoranthene
Concen: 4.621 ng
RT: 15.092 min Scan# 211
Delta R.T. -0.017 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMP

Tgt Ion:252 Resp: 82473
Ion Ratio Lower Upper
252 100
253 32.0 17.7 26.5#
125 173.9 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 2.148 ng
RT: 15.463 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

Tgt Ion:252 Resp: 35049
Ion Ratio Lower Upper
252 100
253 31.8 17.4 26.0#
125 215.1 7.8 11.8#

