

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)

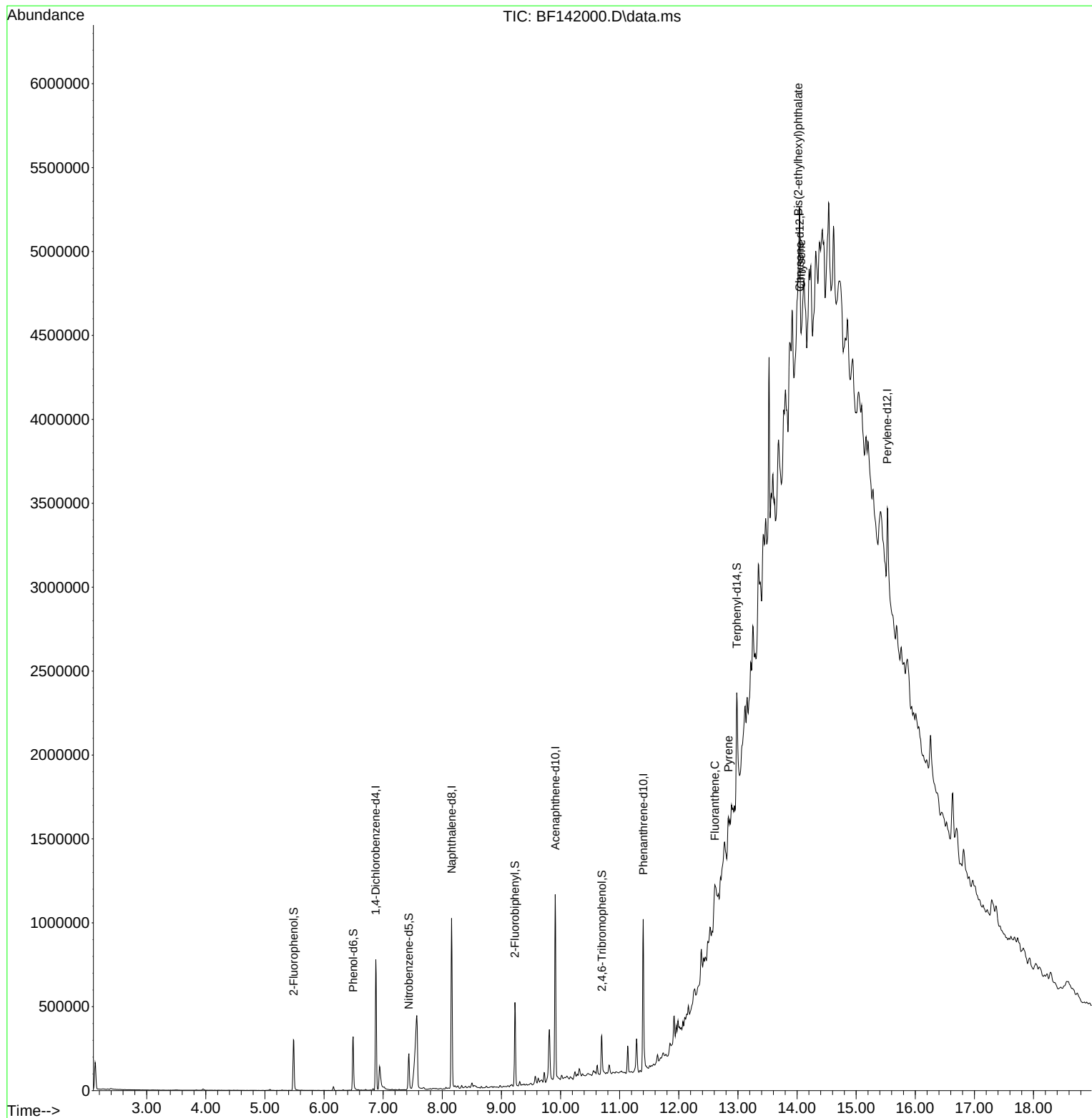
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	168253	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	646272	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	323362	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	453699	20.000	ng	0.00
76) Chrysene-d12	14.045	240	350856	20.000	ng	0.00
86) Perylene-d12	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						
75) Fluoranthene	12.610	202	103116	3.967	ng	Qvalue 97
78) Pyrene	12.839	202	92890m	3.061	ng	
83) Chrysene	14.069	228	43436	2.081	ng	# 88
84) Bis(2-ethylhexyl)phtha...	14.021	149	194319	11.864	ng	91

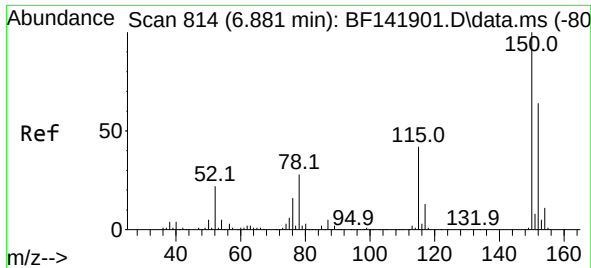
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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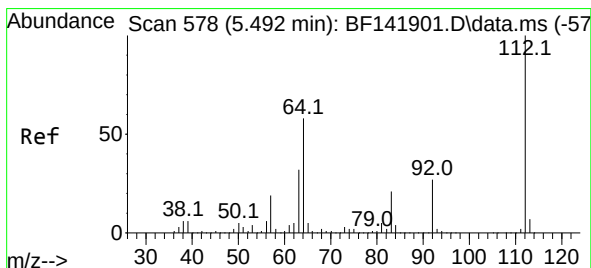
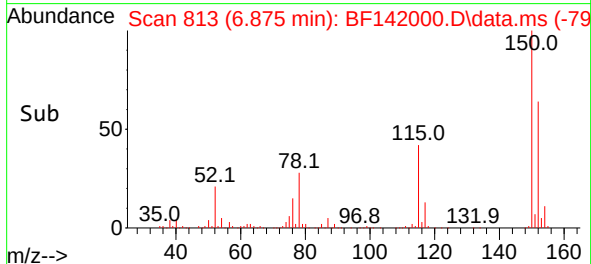
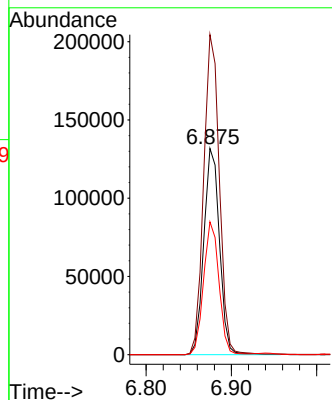
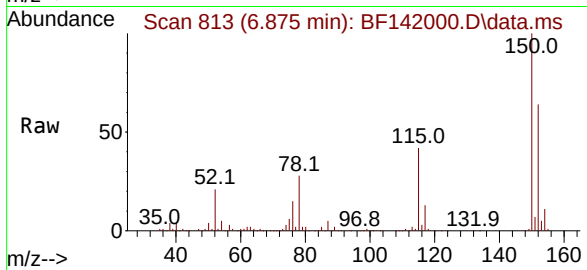




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF142000.D
 Acq: 19 Mar 2025 12:16

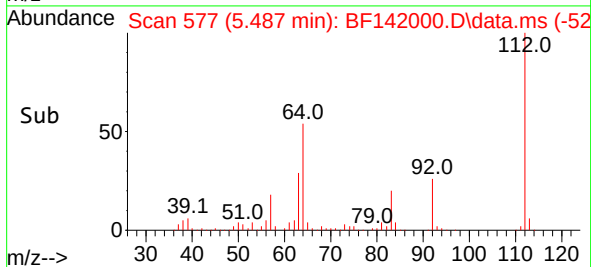
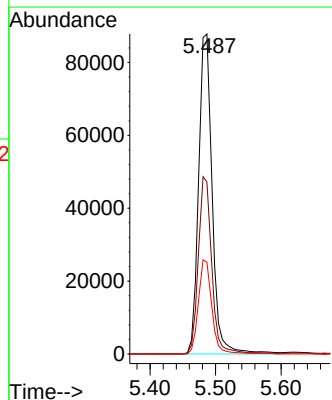
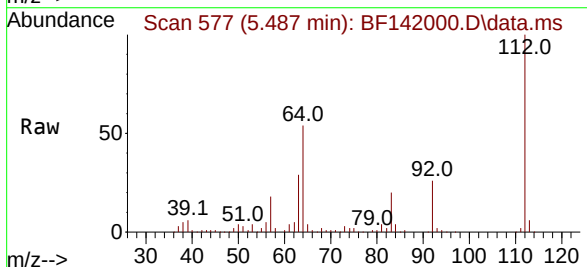
Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS-COMP

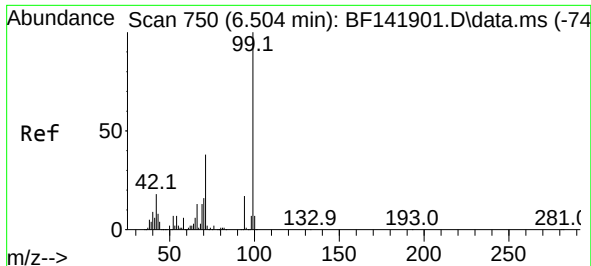
Tgt Ion:152 Resp: 168253
 Ion Ratio Lower Upper
 152 100
 150 155.2 127.4 191.2
 115 64.4 51.9 77.9



#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

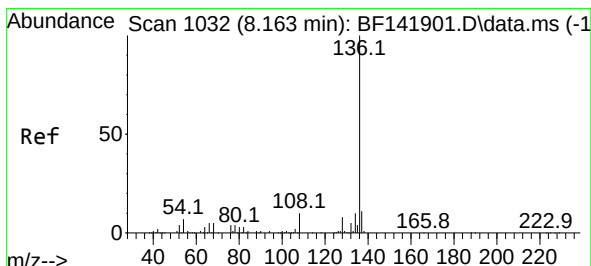
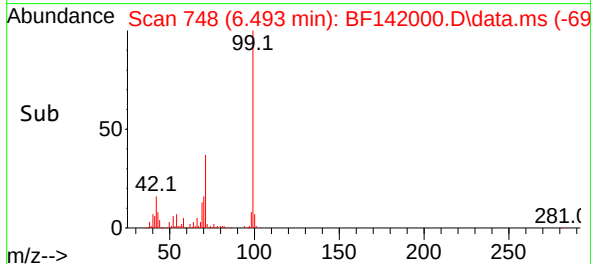
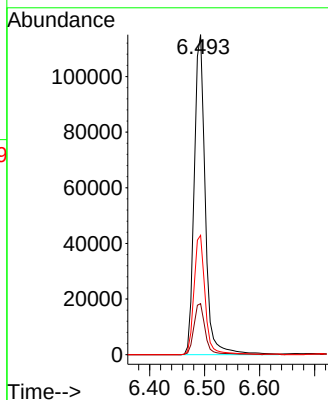
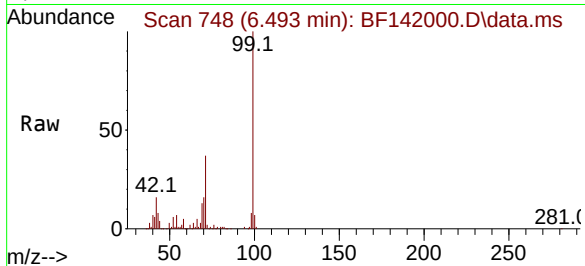




#7
Phenol-d6
Concen: 12.490 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

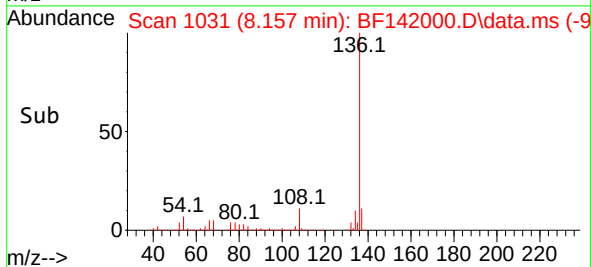
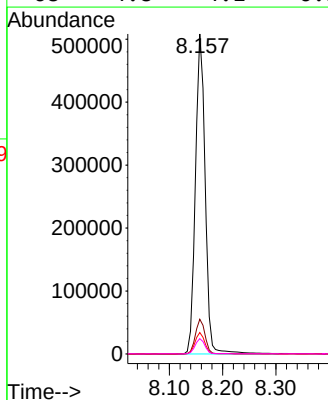
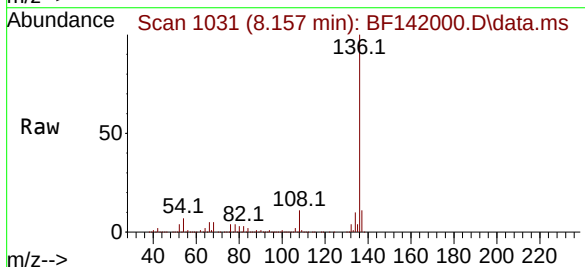
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMP

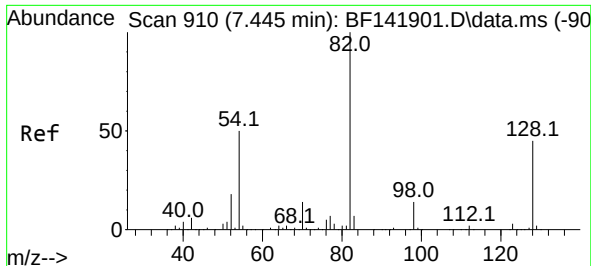
Tgt Ion: 99 Resp: 160314
Ion Ratio Lower Upper
99 100
42 16.0 14.6 21.8
71 37.3 30.8 46.2



#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# 90

Delta R.T. -0.012 min

Lab File: BF142000.D

Acq: 19 Mar 2025 12:16

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS-COMP

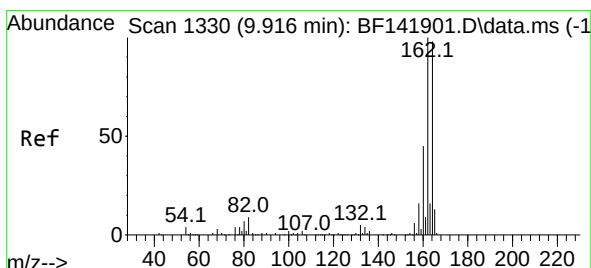
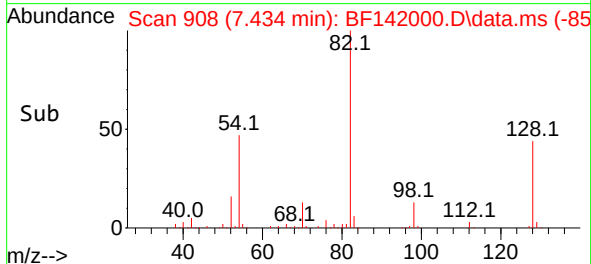
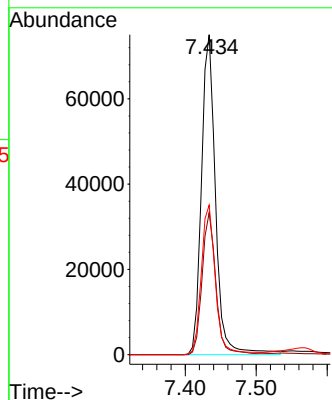
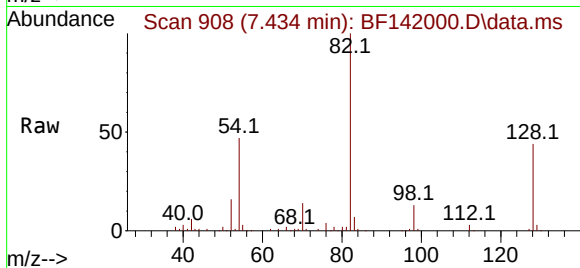
Tgt Ion: 82 Resp: 104044

Ion Ratio Lower Upper

82 100

128 44.4 36.0 54.0

54 46.8 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF142000.D

Acq: 19 Mar 2025 12:16

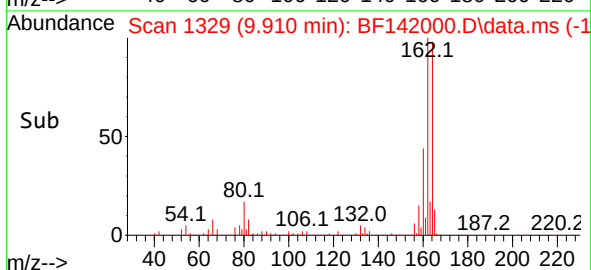
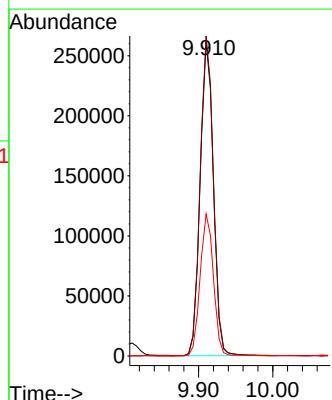
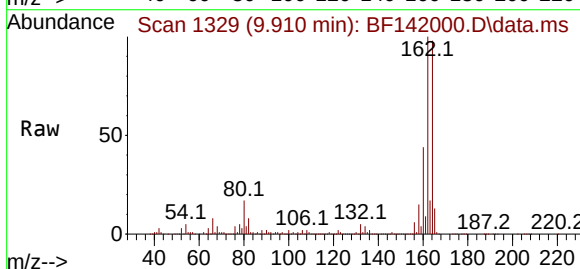
Tgt Ion:164 Resp: 323362

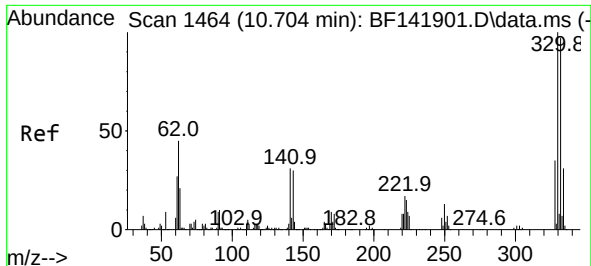
Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.6

160 45.2 36.7 55.1

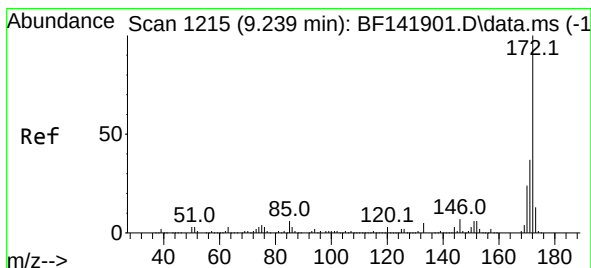
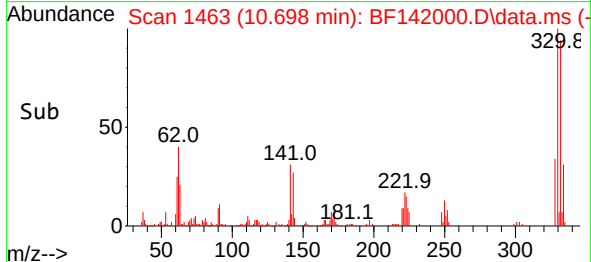
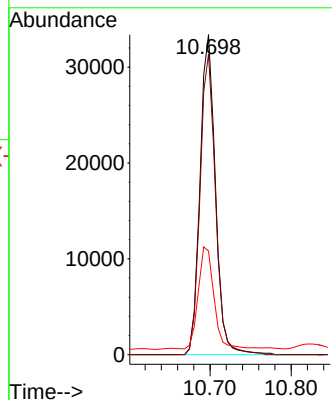
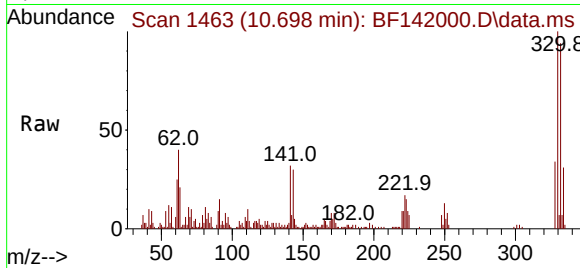




#42
2,4,6-Tribromophenol
Concen: 10.751 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

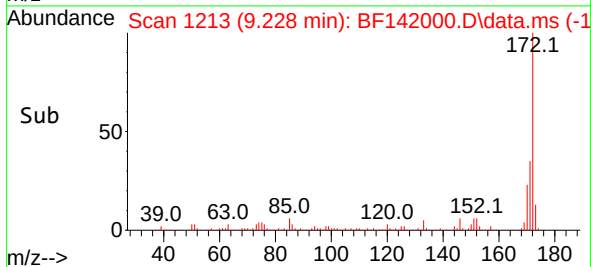
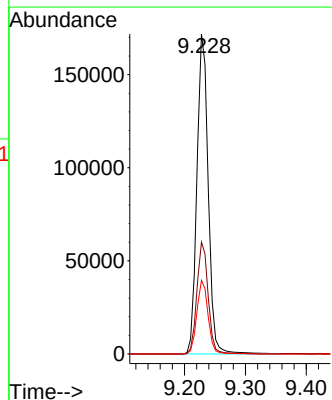
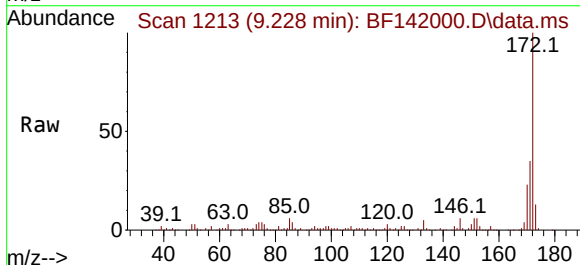
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMP

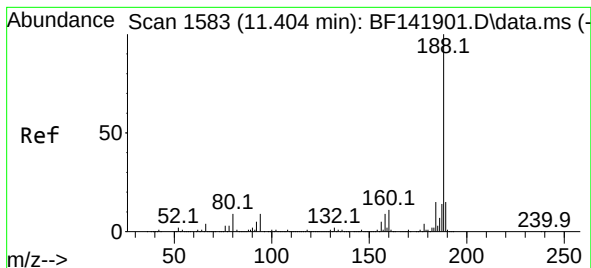
Tgt Ion:330 Resp: 44105
Ion Ratio Lower Upper
330 100
332 94.3 77.6 116.4
141 32.8 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 10.427 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142000.D

Acq: 19 Mar 2025 12:16

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS-COMP

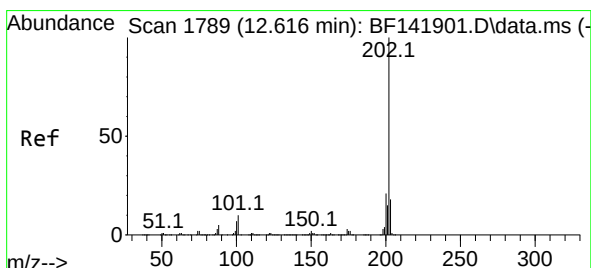
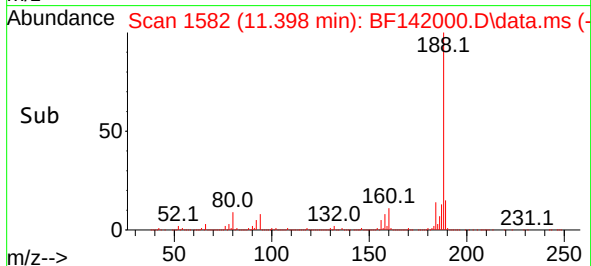
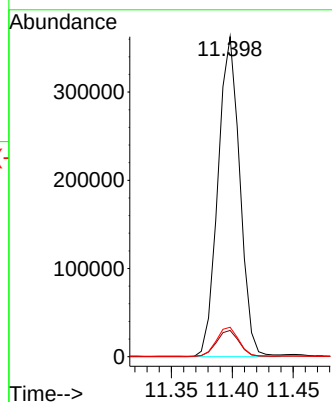
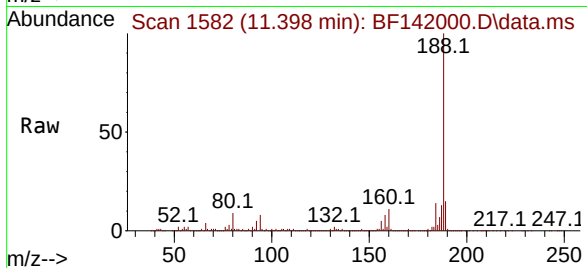
Tgt Ion:188 Resp: 453699

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# 1788

Delta R.T. -0.006 min

Lab File: BF142000.D

Acq: 19 Mar 2025 12:16

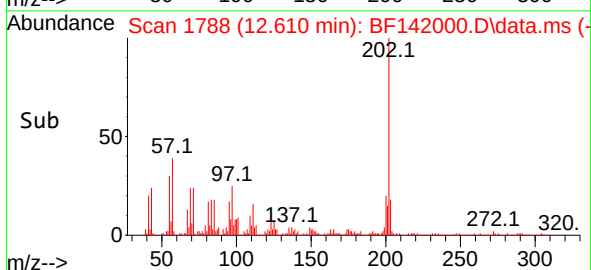
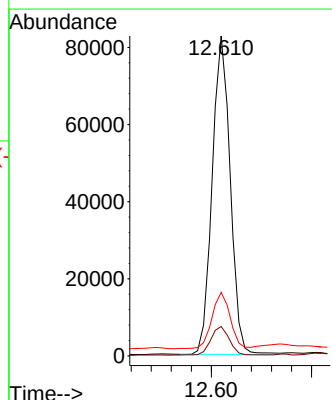
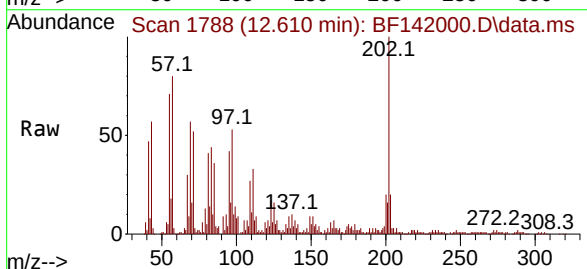
Tgt Ion:202 Resp: 103116

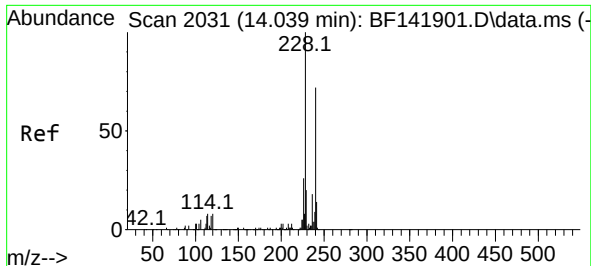
Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.7

203 19.8 0.0 37.8

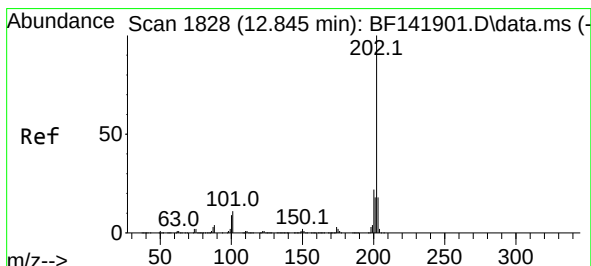
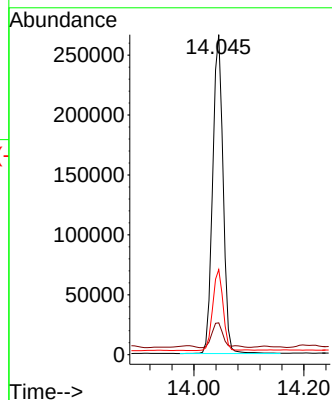
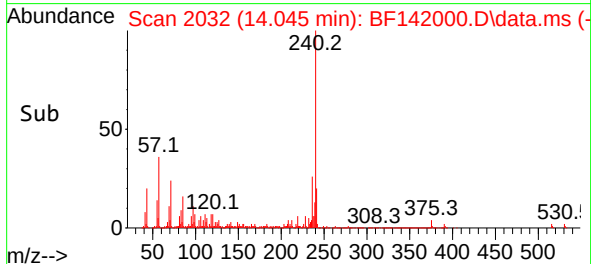
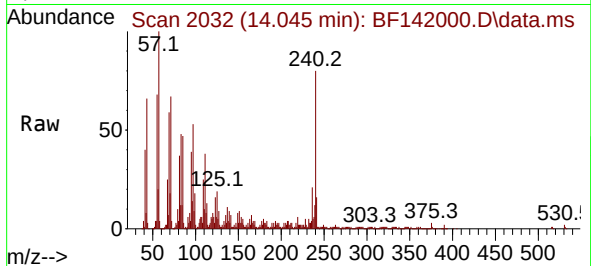




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

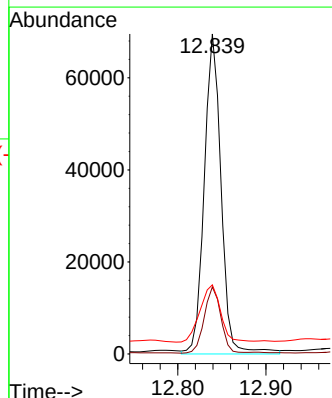
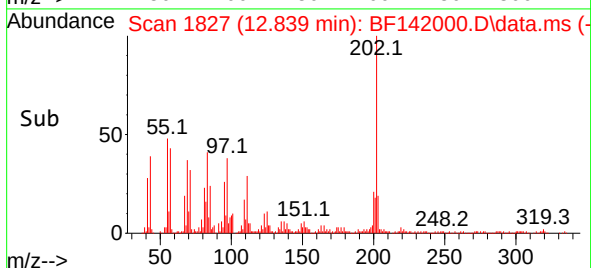
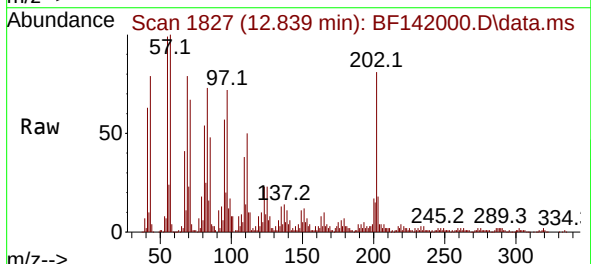
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMP

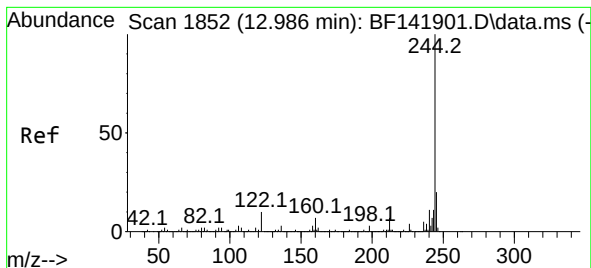
Tgt Ion:240 Resp: 350856
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 26.6 20.5 30.7



#78
Pyrene
Concen: 3.061 ng m
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142000.D
Acq: 19 Mar 2025 12:16

Tgt Ion:202 Resp: 92890
Ion Ratio Lower Upper
202 100
200 21.0 17.3 25.9
203 21.6 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

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS-COMP

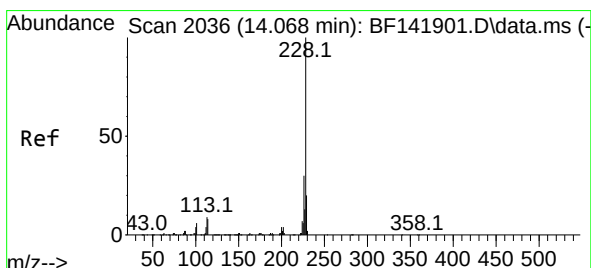
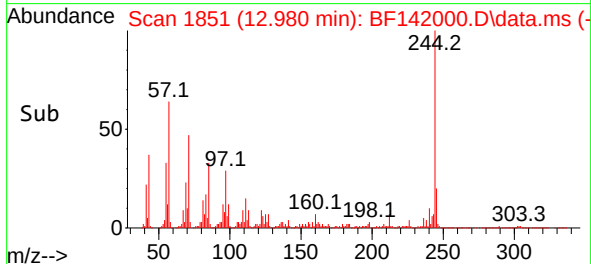
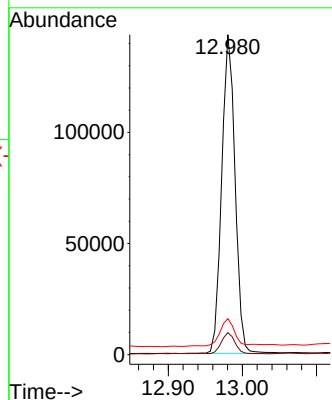
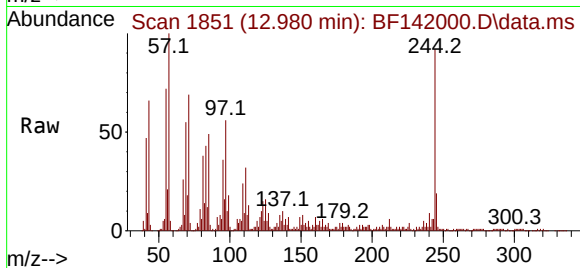
Tgt Ion:244 Resp: 179940

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

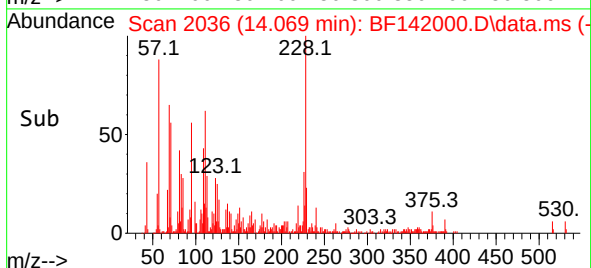
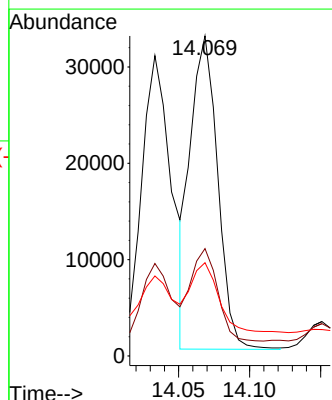
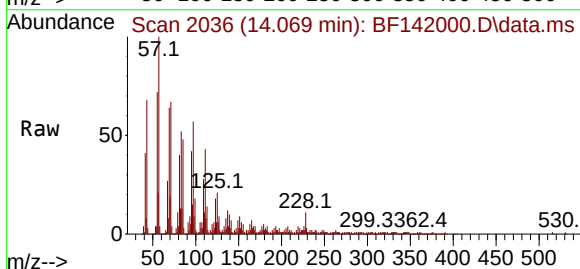
Tgt Ion:228 Resp: 43436

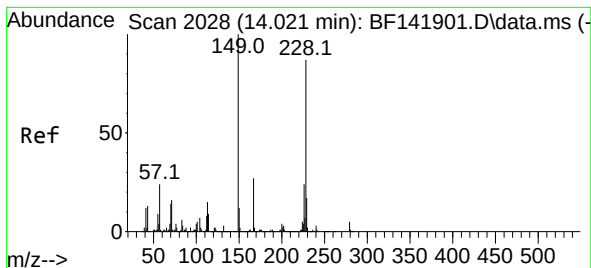
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS-COMP

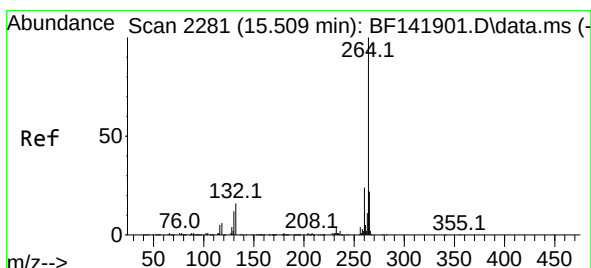
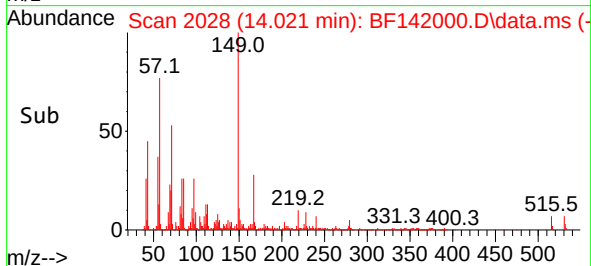
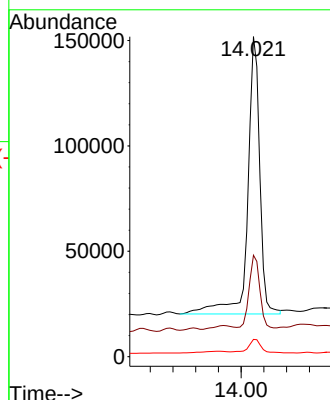
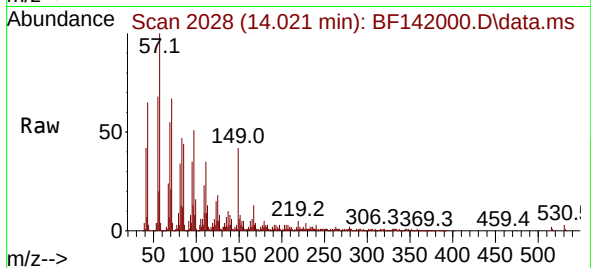
Tgt Ion:149 Resp: 194319

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# 2284

Delta R.T. 0.018 min

Lab File: BF142000.D

Acq: 19 Mar 2025 12:16

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

