

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142038.D
 Acq On : 21 Mar 2025 19:19
 Operator : RC/JU
 Sample : Q1592-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS-COMP

Quant Time: Mar 21 23:00:30 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	140467	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	478520	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	215184	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	320612	20.000	ng	0.00
76) Chrysene-d12	14.033	240	300145	20.000	ng	0.00
86) Perylene-d12	15.509	264	224711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1052909	125.101	ng	0.01
7) Phenol-d6	6.498	99	1138595	106.252	ng	0.00
23) Nitrobenzene-d5	7.434	82	837443	98.487	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	354568	129.883	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1468275	103.770	ng	-0.01
79) Terphenyl-d14	12.980	244	1689196	83.206	ng	0.00

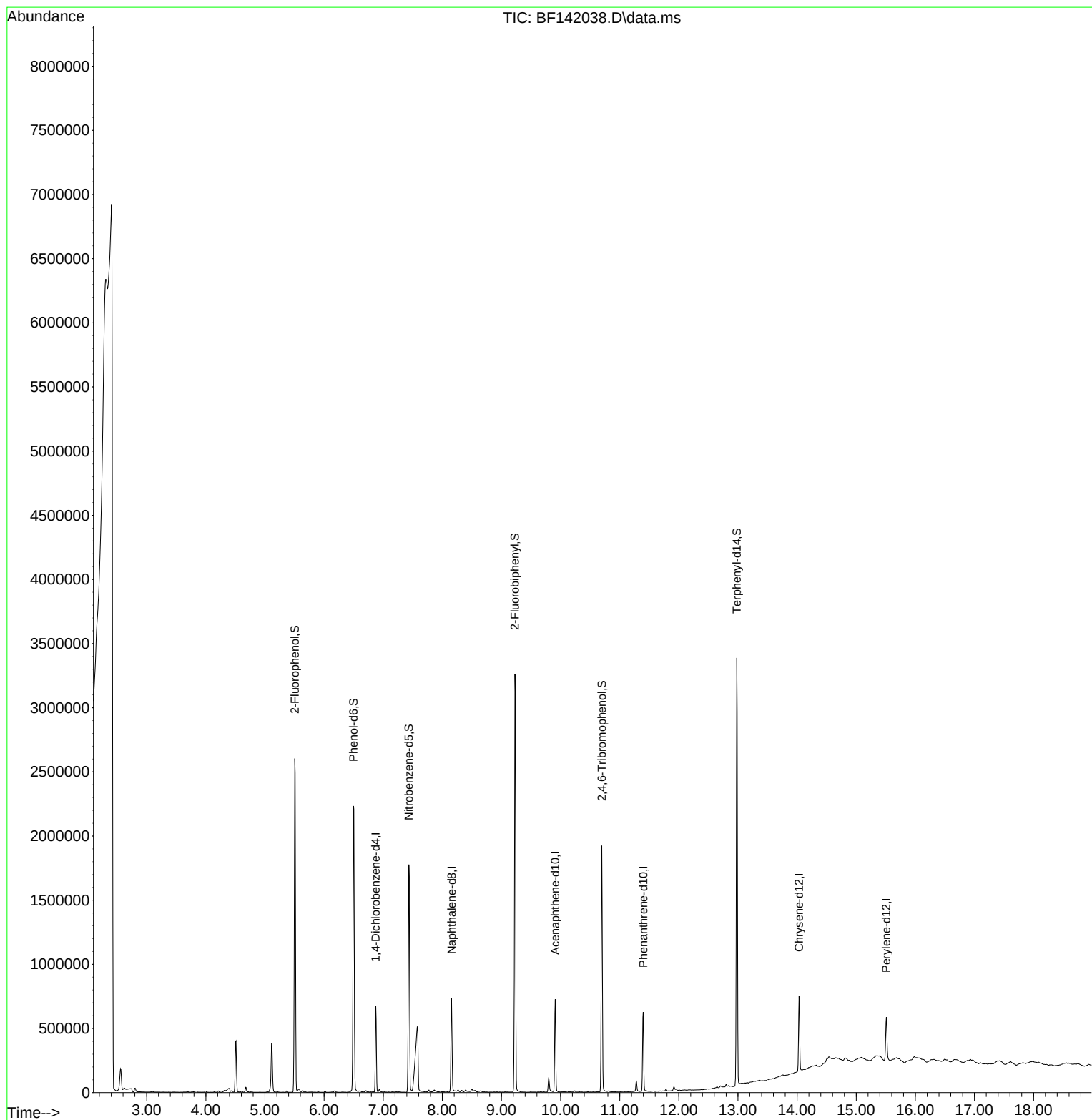
Target Compounds	Qvalue

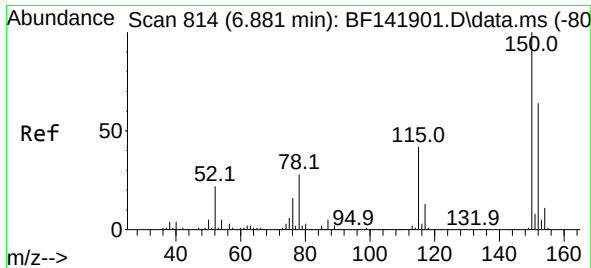
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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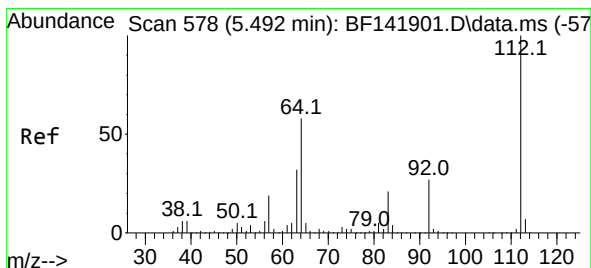
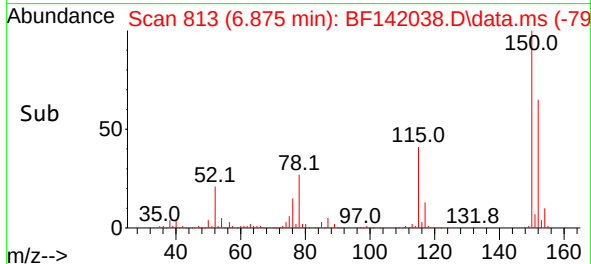
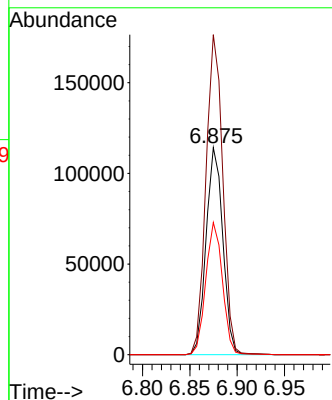
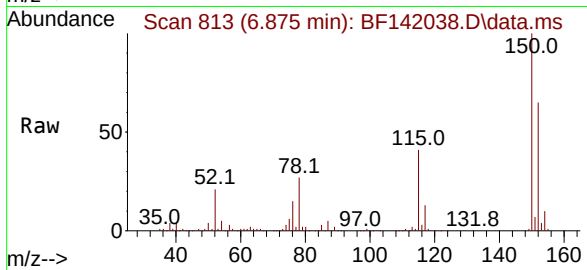




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142038.D
Acq: 21 Mar 2025 19:19

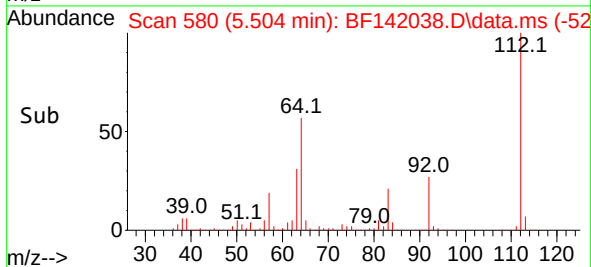
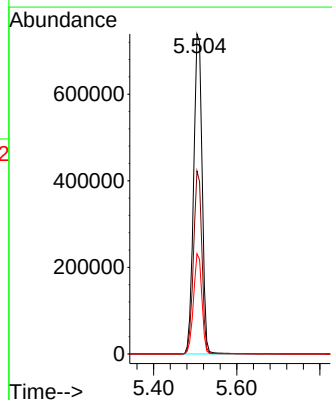
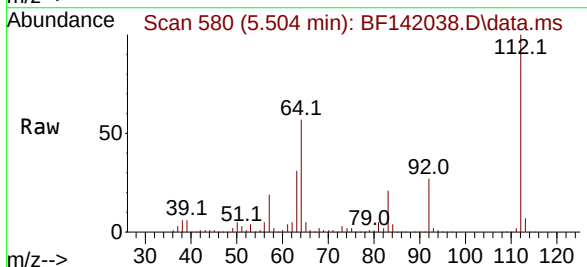
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMP

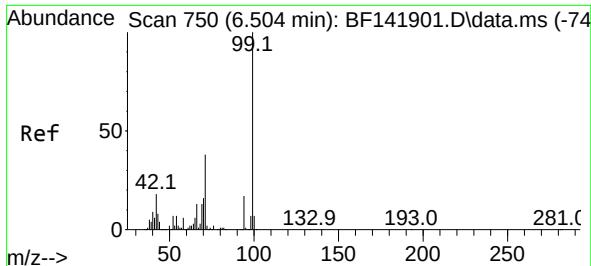
Tgt Ion:152 Resp: 140467
Ion Ratio Lower Upper
152 100
150 154.5 127.4 191.2
115 63.8 51.9 77.9



#5
2-Fluorophenol
Concen: 125.101 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142038.D
Acq: 21 Mar 2025 19:19

Tgt Ion:112 Resp: 1052909
Ion Ratio Lower Upper
112 100
64 57.2 46.5 69.7
63 31.3 25.4 38.2

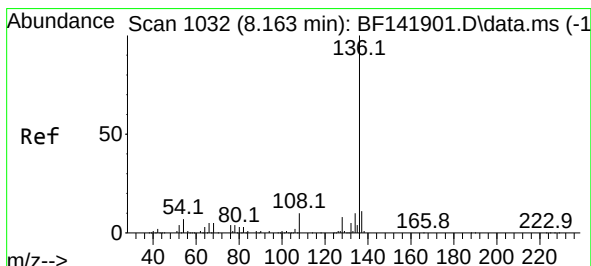
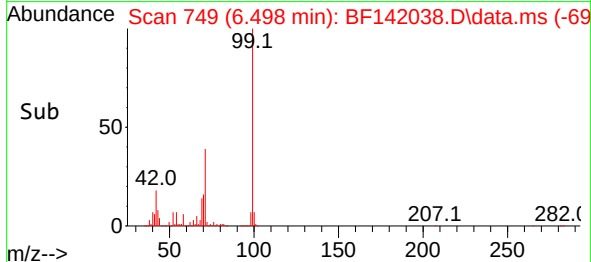
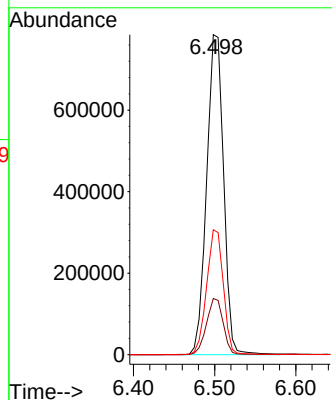
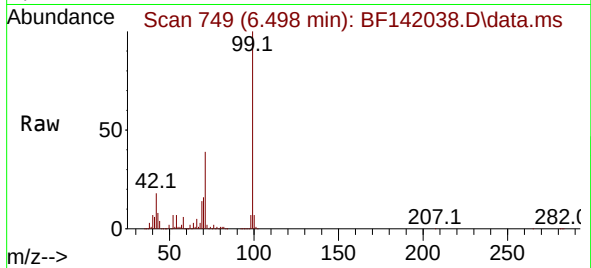




#7
Phenol-d6
Concen: 106.252 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142038.D
Acq: 21 Mar 2025 19:19

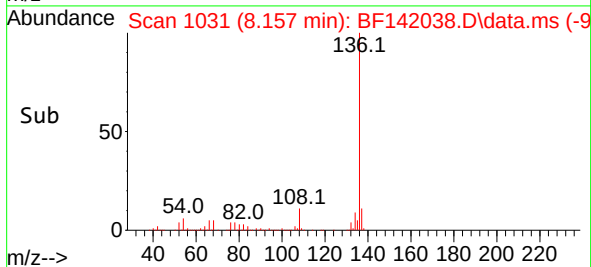
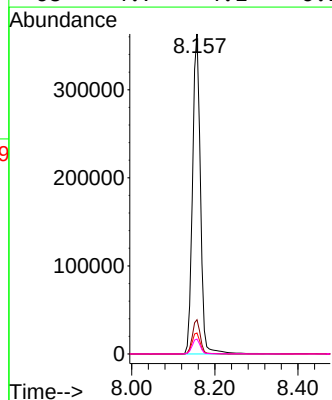
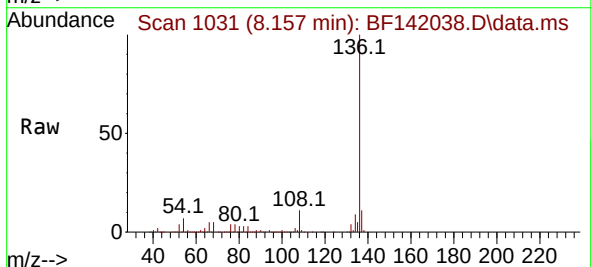
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMP

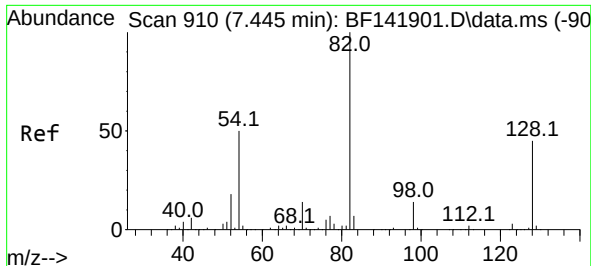
Tgt Ion: 99 Resp: 1138595
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 39.0 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142038.D
Acq: 21 Mar 2025 19:19

Tgt Ion:136 Resp: 478520
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.5 5.8 8.8
68 4.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 98.487 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142038.D

Acq: 21 Mar 2025 19:19

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS-COMP

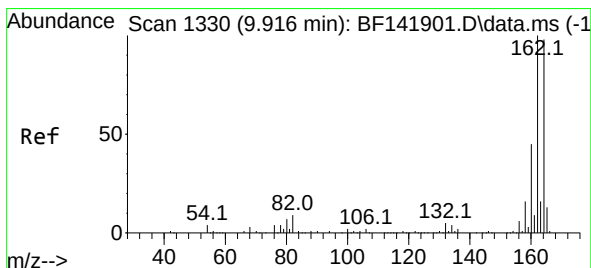
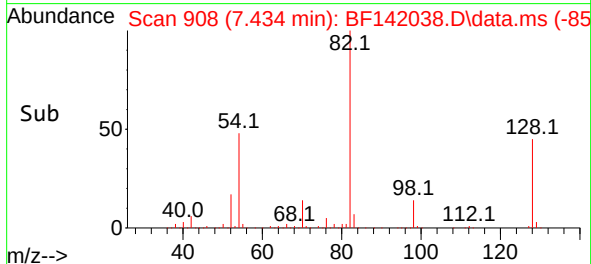
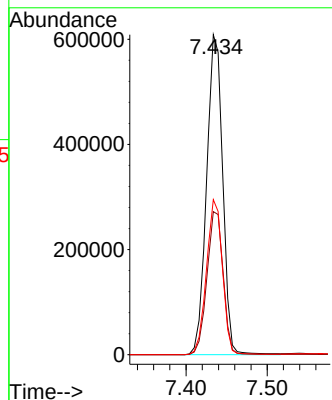
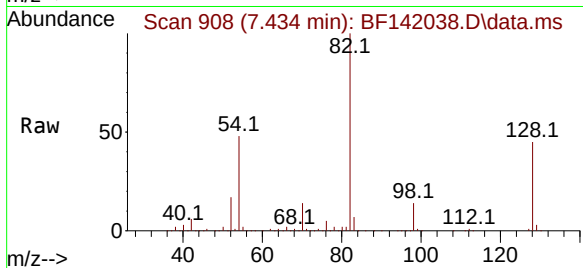
Tgt Ion: 82 Resp: 837443

Ion Ratio Lower Upper

82 100

128 44.7 36.0 54.0

54 48.5 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: BF142038.D

Acq: 21 Mar 2025 19:19

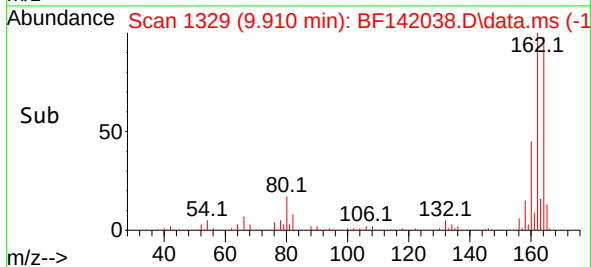
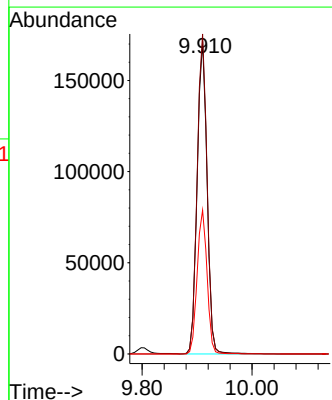
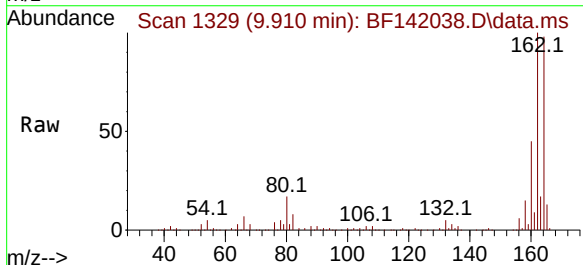
Tgt Ion:164 Resp: 215184

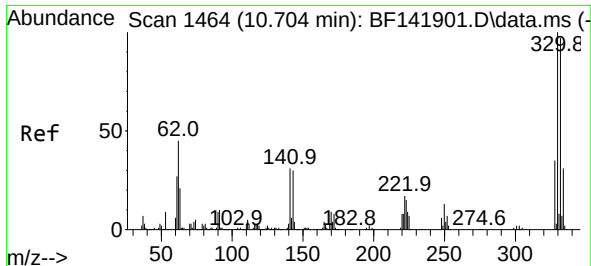
Ion Ratio Lower Upper

164 100

162 102.4 81.8 122.6

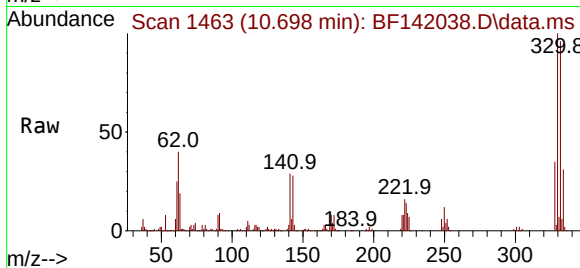
160 46.1 36.7 55.1



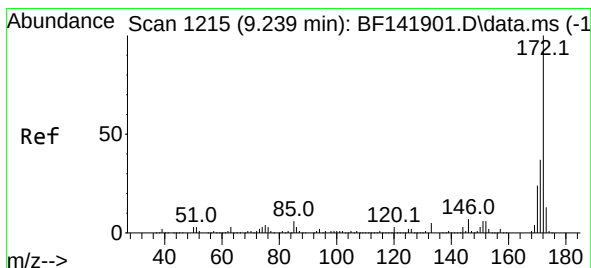
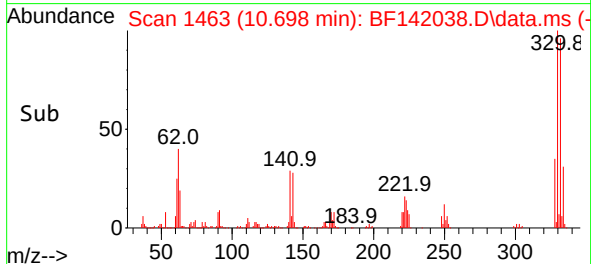
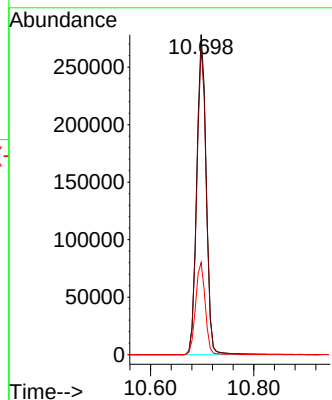


#42
2,4,6-Tribromophenol
Concen: 129.883 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142038.D
Acq: 21 Mar 2025 19:19

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMP

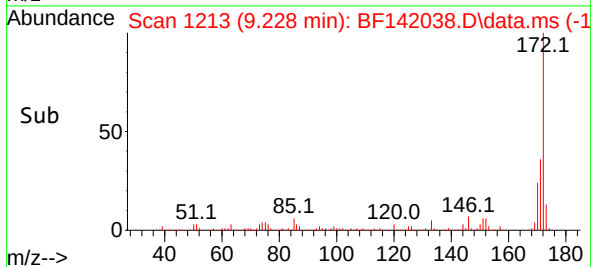
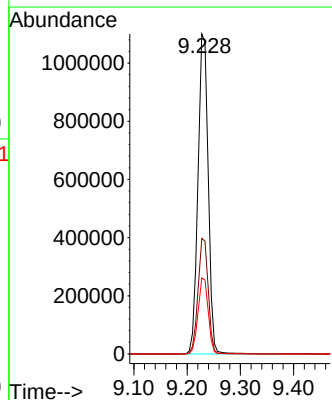
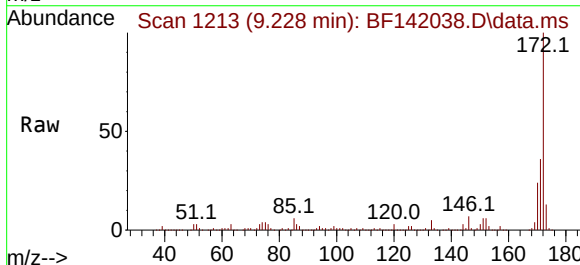


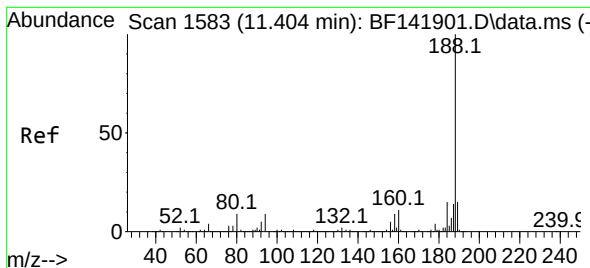
Tgt Ion:330 Resp: 354568
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 29.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 103.770 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142038.D
Acq: 21 Mar 2025 19:19

Tgt Ion:172 Resp: 1468275
Ion Ratio Lower Upper
172 100
171 36.1 29.3 43.9
170 23.7 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: BF142038.D

Acq: 21 Mar 2025 19:19

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS-COMP

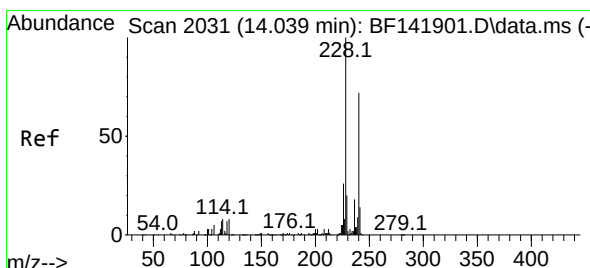
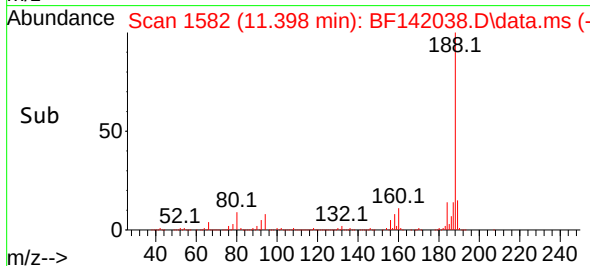
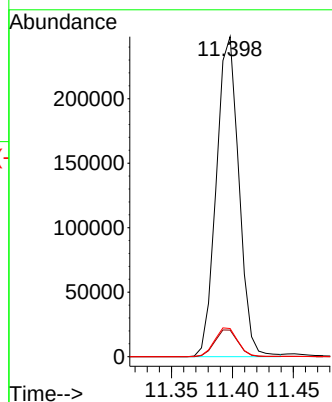
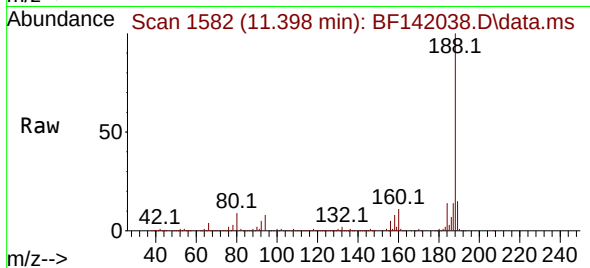
Tgt Ion:188 Resp: 320612

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 8.8 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF142038.D

Acq: 21 Mar 2025 19:19

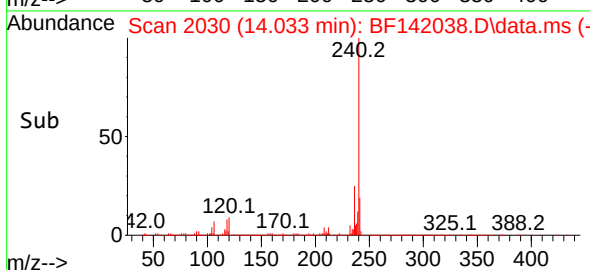
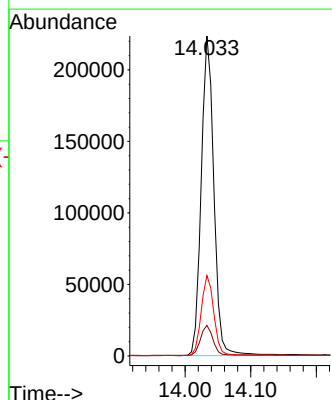
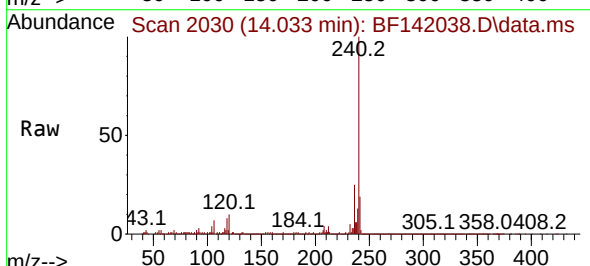
Tgt Ion:240 Resp: 300145

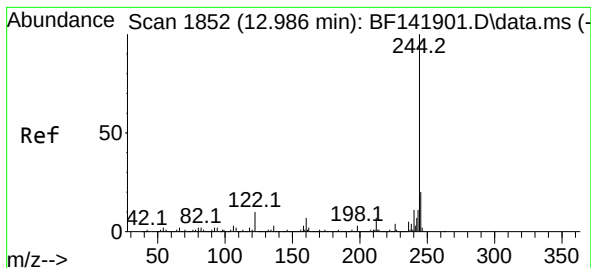
Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

236 25.2 20.5 30.7





#79

Terphenyl-d14

Concen: 83.206 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF142038.D

Acq: 21 Mar 2025 19:19

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS-COMP

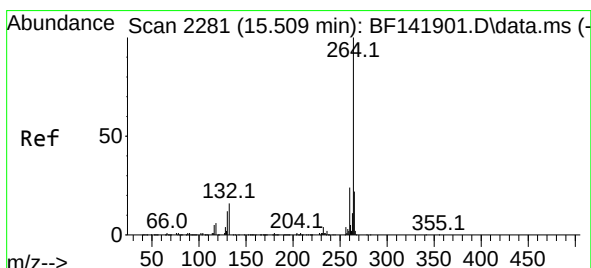
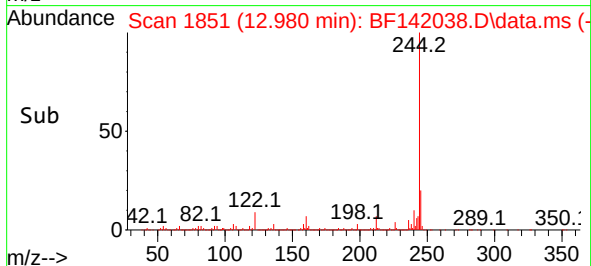
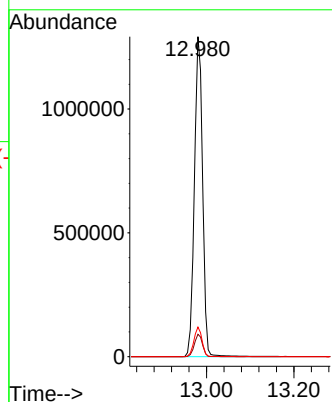
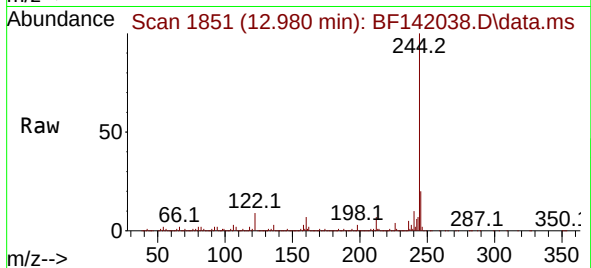
Tgt Ion:244 Resp: 1689196

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.2 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142038.D

Acq: 21 Mar 2025 19:19

Tgt Ion:264 Resp: 224711

Ion Ratio Lower Upper

264 100

260 22.8 19.1 28.7

265 21.9 17.5 26.3

