

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)

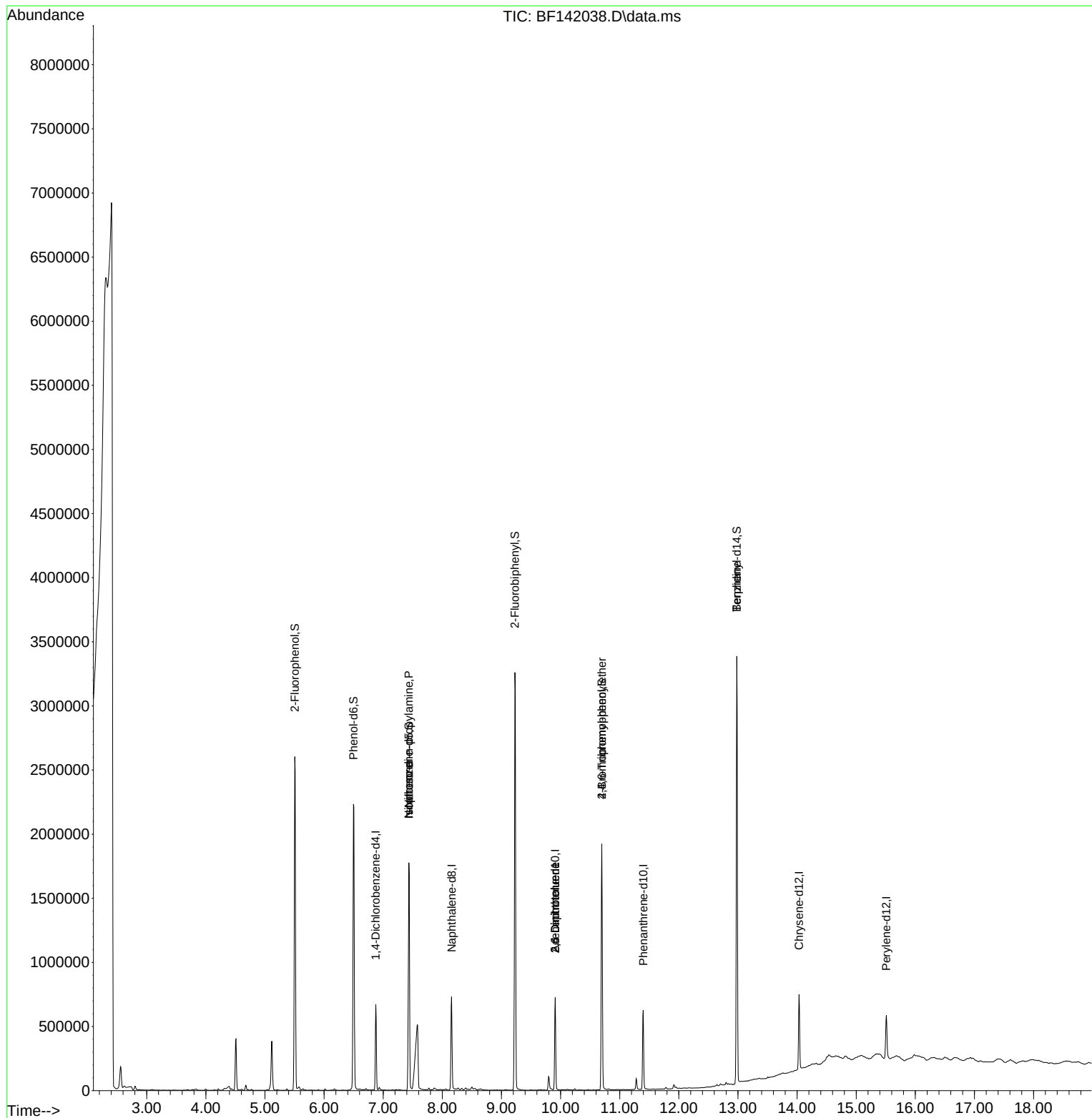
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	140467	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	478520	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	215184	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	320612	20.000	ng	0.00
76) Chrysene-d12	14.033	240	300145	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.434	70	117786	17.106	ng	# 78
25) Isophorone	7.434	82	820656	54.599	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	27704	8.830	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	27704	6.761	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	21810	5.417	ng	# 1
77) Benzidine	12.980	184	22323	5.331	ng	# 88

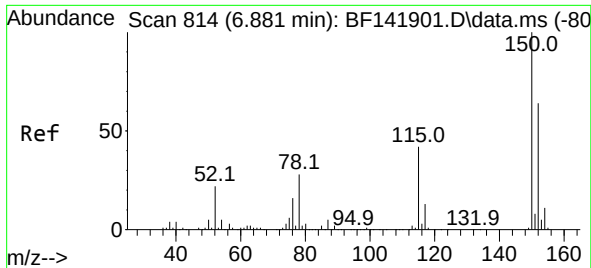
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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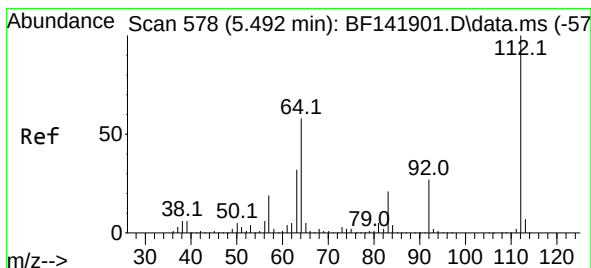
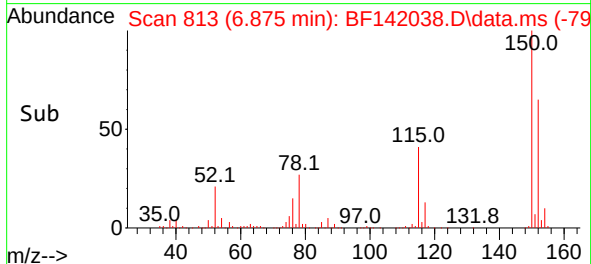
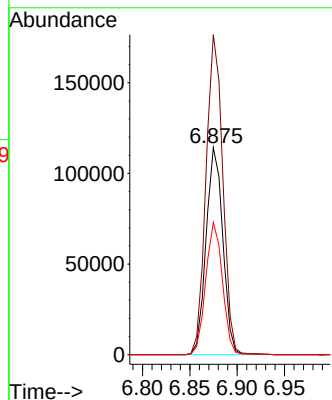
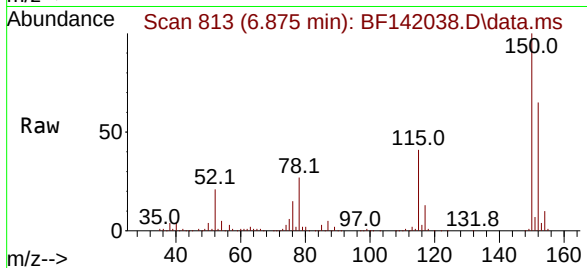




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142038.D
Acq: 21 Mar 2025 19:19

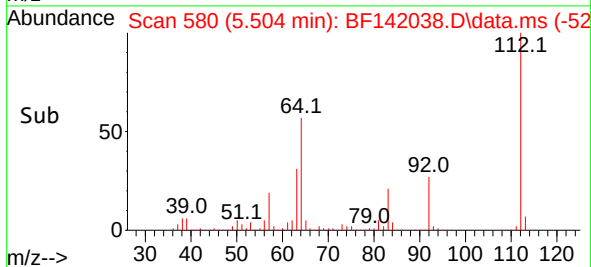
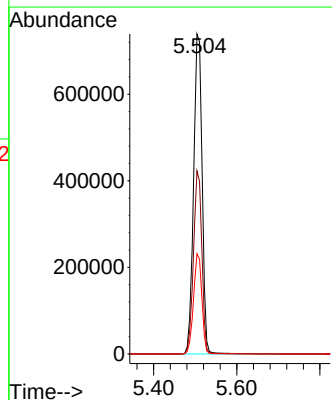
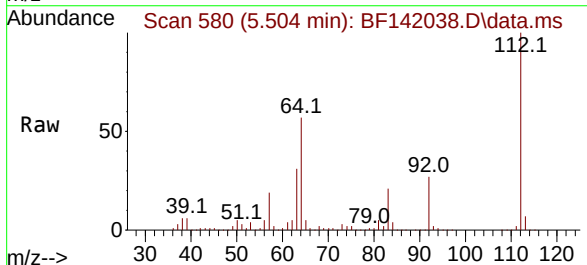
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMP

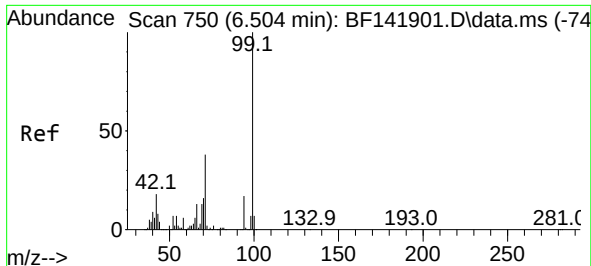
Tgt Ion:152 Resp: 140467
Ion Ratio Lower Upper
152 100
150 154.5 127.4 191.2
115 63.8 51.9 77.9



#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

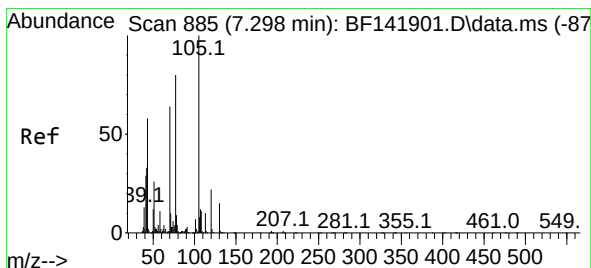
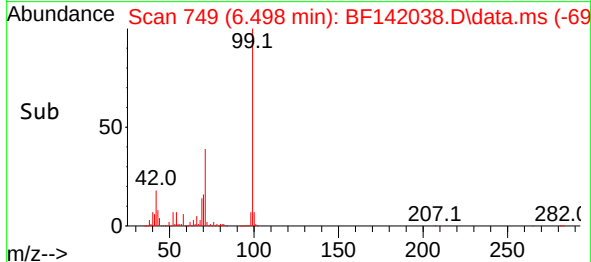
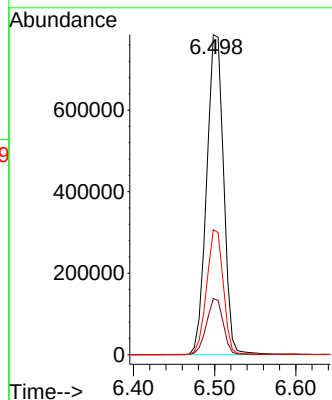
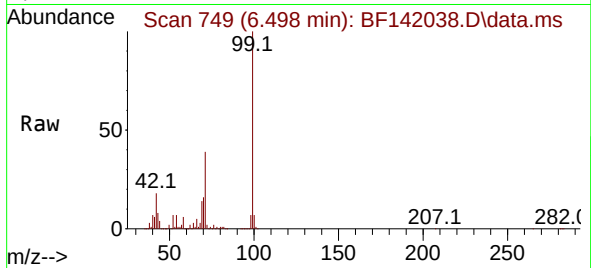




#7
Phenol-d6
Concen: 106.252 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142038.D
Acq: 21 Mar 2025 19:19

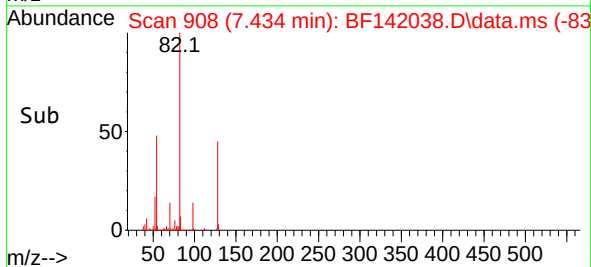
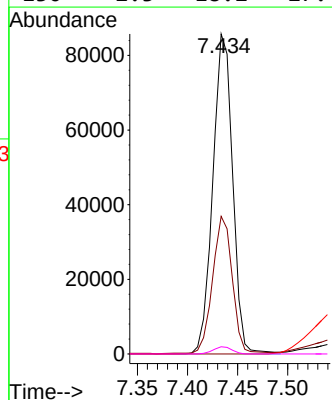
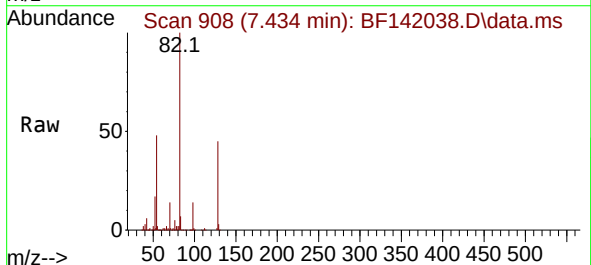
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMP

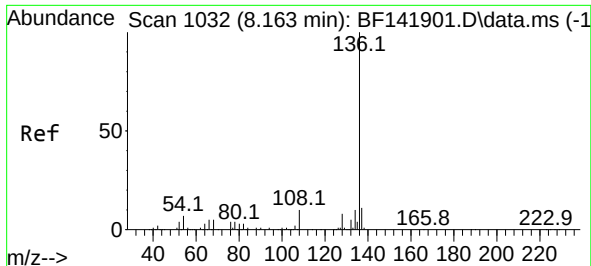
Tgt Ion: 99 Resp: 1138595
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 39.0 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.106 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF142038.D
Acq: 21 Mar 2025 19:19

Tgt Ion: 70 Resp: 117786
Ion Ratio Lower Upper
70 100
42 43.0 41.4 62.0
101 0.0 8.2 12.2#
130 2.3 18.2 27.4#



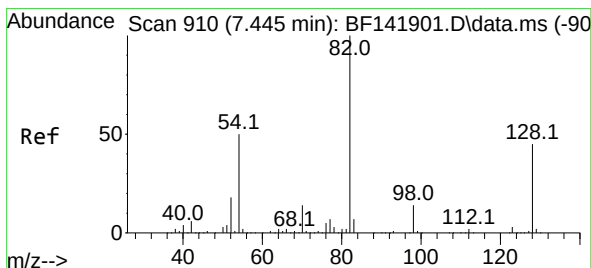
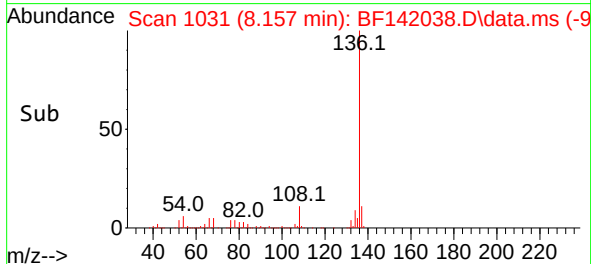
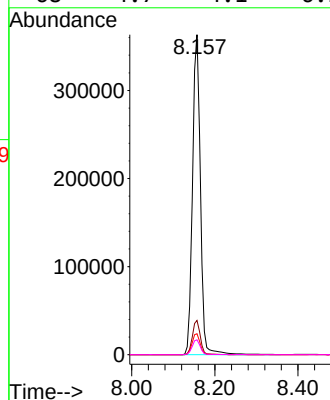
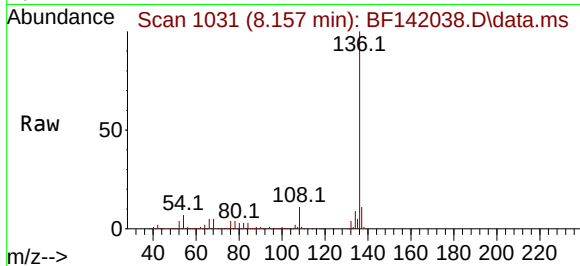


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF142038.D
Acq: 21 Mar 2025 19:19

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMP

Tgt Ion:136 Resp: 478520

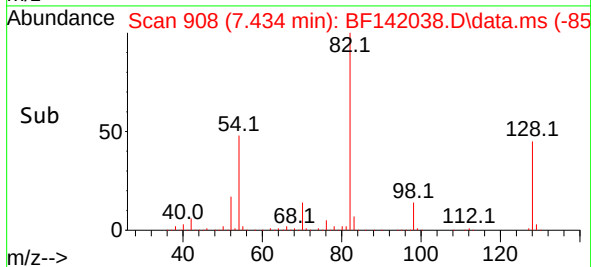
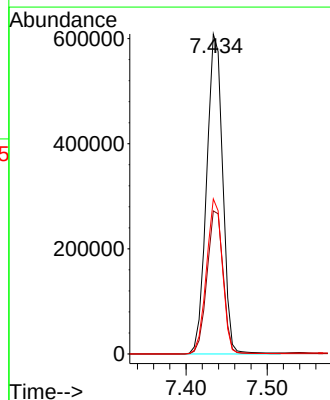
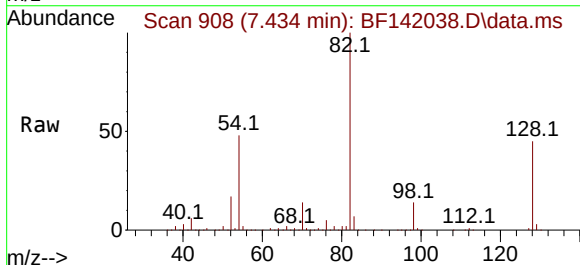
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.5	5.8	8.8
68	4.7	4.1	6.1

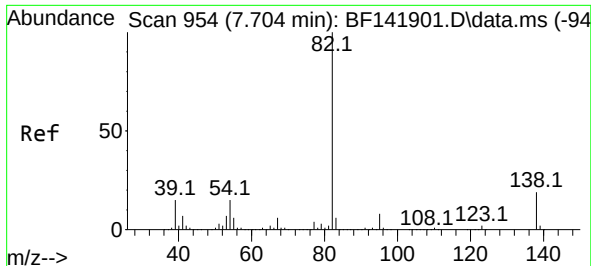


#23
Nitrobenzene-d5
Concen: 98.487 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142038.D
Acq: 21 Mar 2025 19:19

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

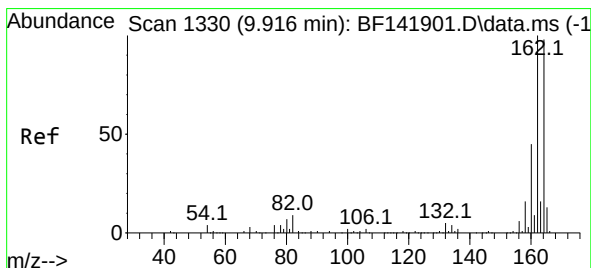
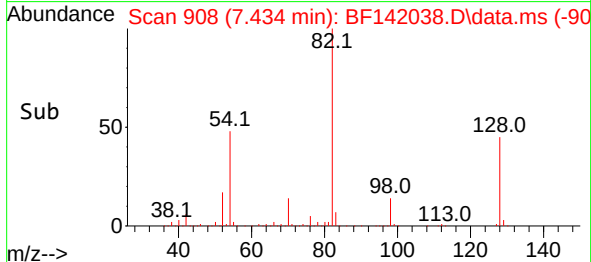
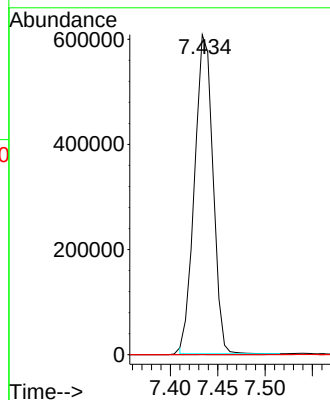
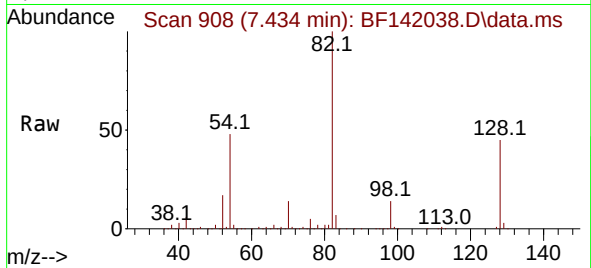




#25
Isophorone
Concen: 54.599 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF142038.D
Acq: 21 Mar 2025 19:19

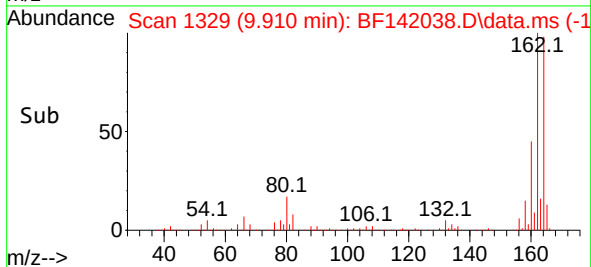
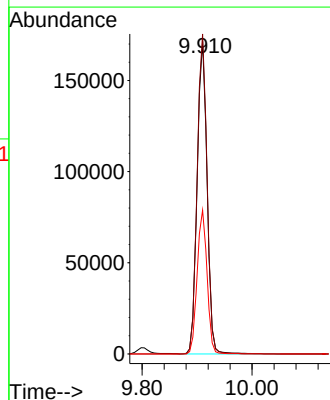
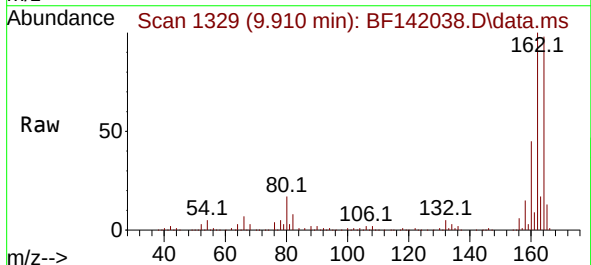
Instrument :
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ClientSampleId :
OILY-DEBRIS-COMP

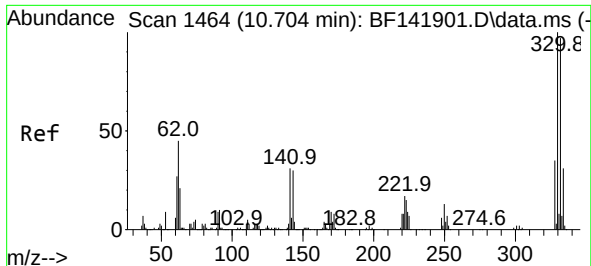
Tgt Ion: 82 Resp: 820656
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#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

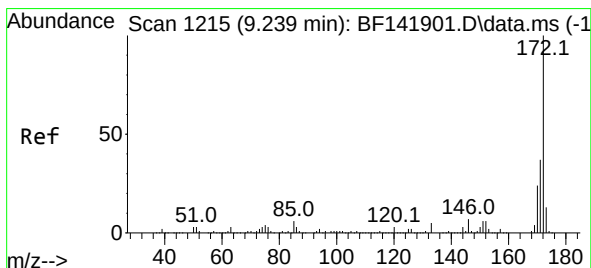
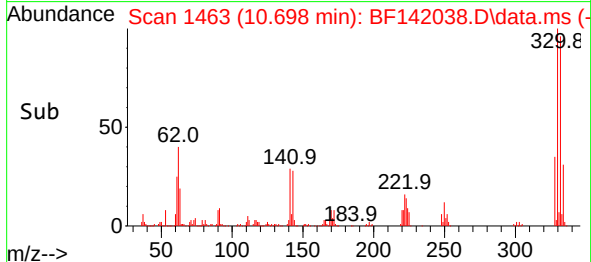
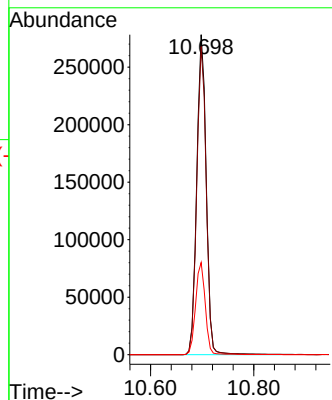
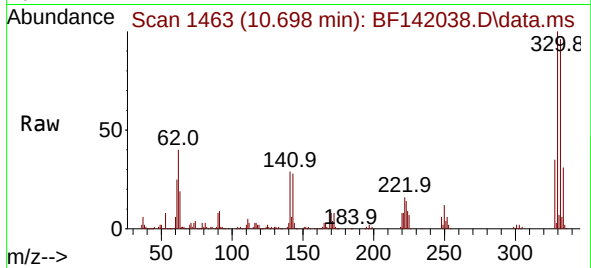




#42
 2,4,6-Tribromophenol
 Concen: 129.883 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF142038.D
 Acq: 21 Mar 2025 19:19

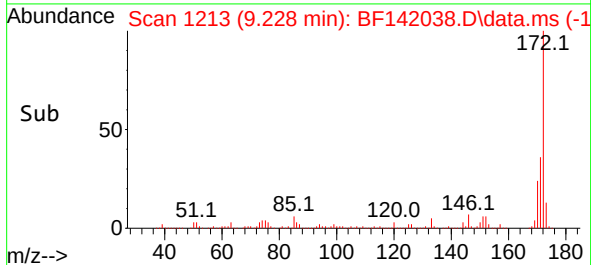
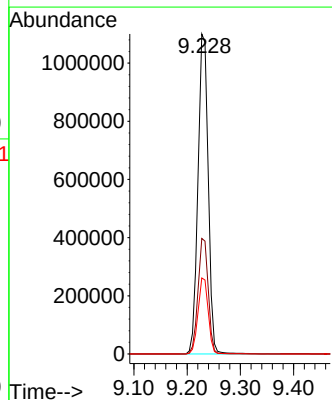
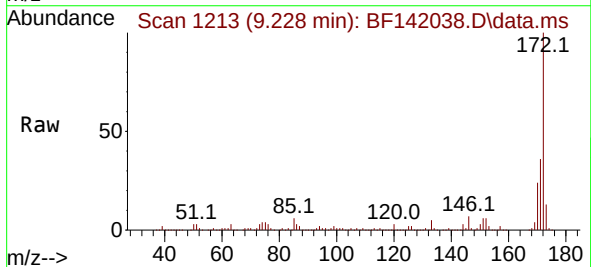
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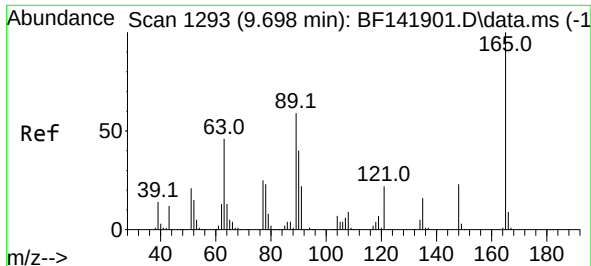
Tgt Ion:330 Resp: 354568
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.6 116.4
 141 29.6 24.7 37.1



#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

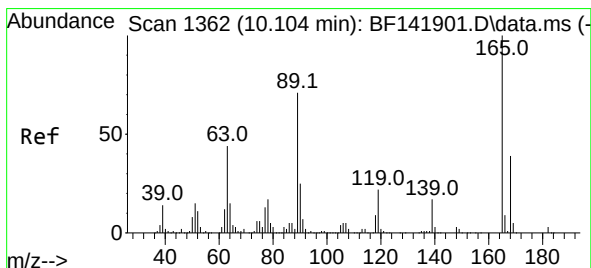
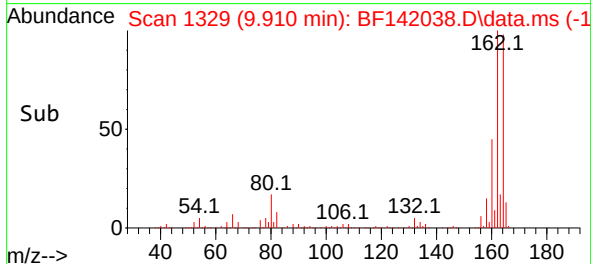
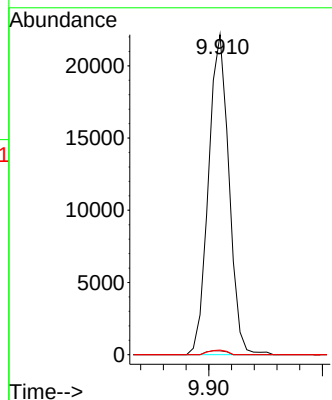
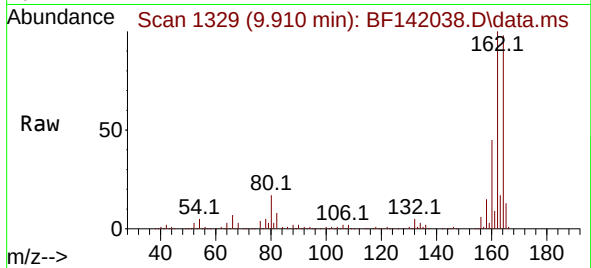




#51
2,6-Dinitrotoluene
Concen: 8.830 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142038.D
Acq: 21 Mar 2025 19:19

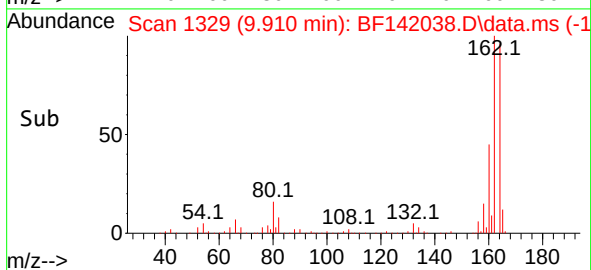
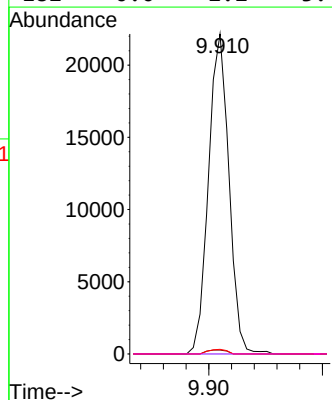
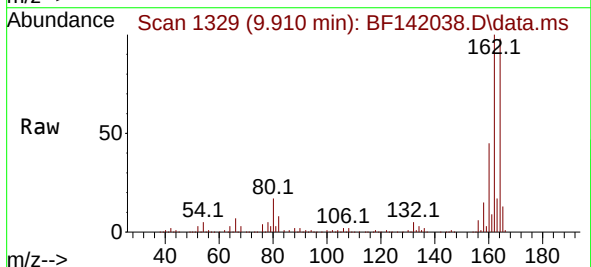
Instrument :
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OILY-DEBRIS-COMP

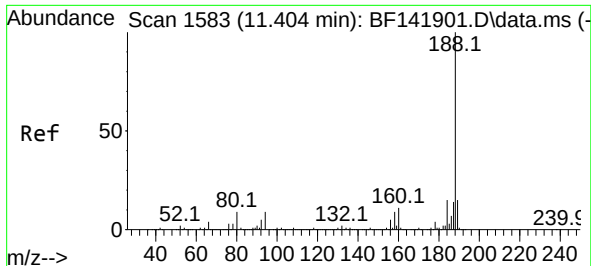
Tgt Ion:165 Resp: 27704
Ion Ratio Lower Upper
165 100
63 1.2 47.0 70.4#
89 1.5 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.761 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF142038.D
Acq: 21 Mar 2025 19:19

Tgt Ion:165 Resp: 27704
Ion Ratio Lower Upper
165 100
63 1.2 35.4 53.2#
89 1.5 56.6 84.8#
182 0.0 2.2 3.4#

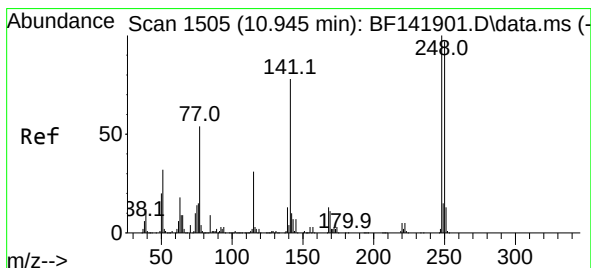
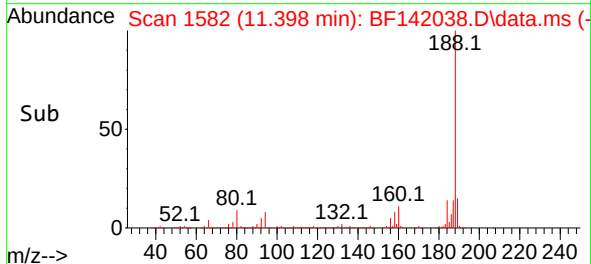
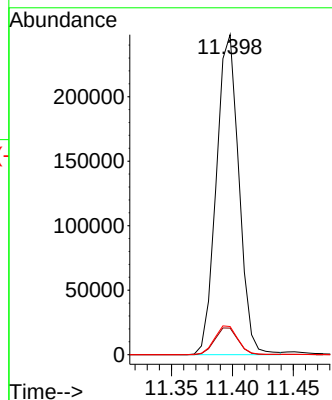
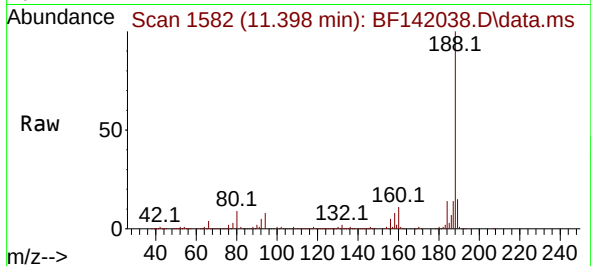




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142038.D
Acq: 21 Mar 2025 19:19

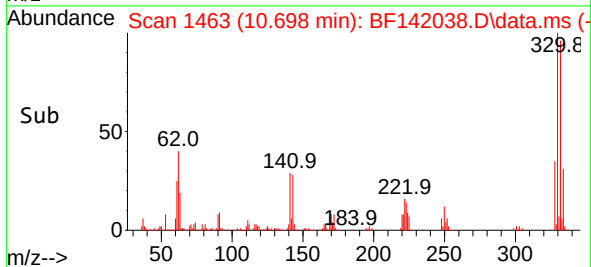
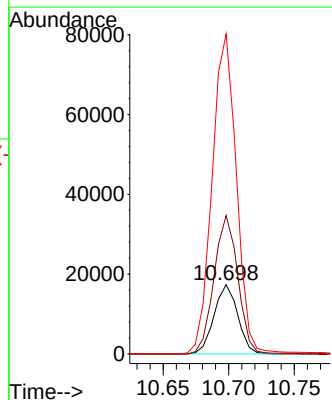
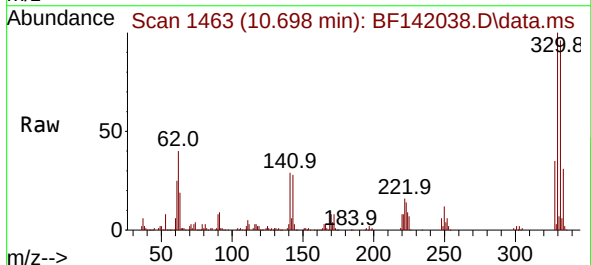
Instrument :
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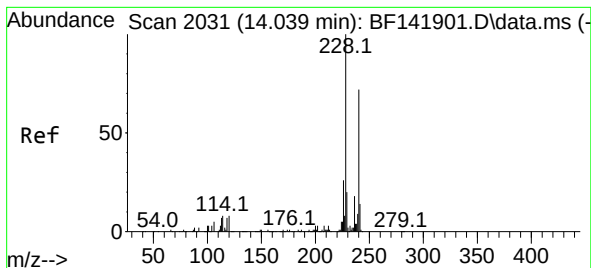
Tgt Ion:188 Resp: 320612
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.8 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.417 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF142038.D
Acq: 21 Mar 2025 19:19

Tgt Ion:248 Resp: 21810
Ion Ratio Lower Upper
248 100
250 200.0 77.8 116.8#
141 462.3 62.6 93.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF142038.D

Acq: 21 Mar 2025 19:19

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS-COMP

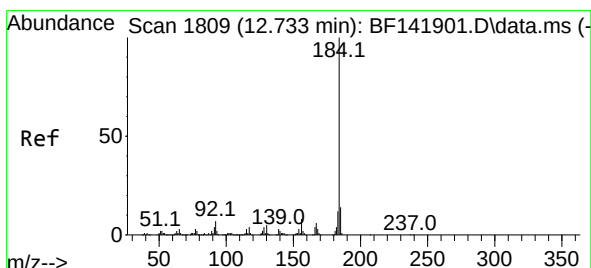
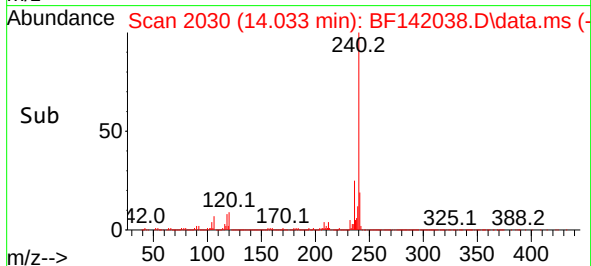
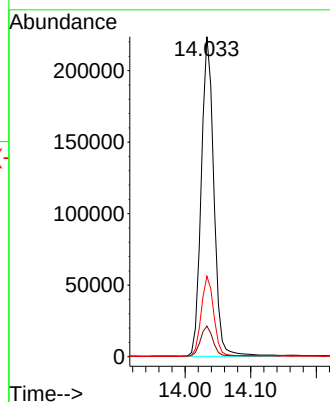
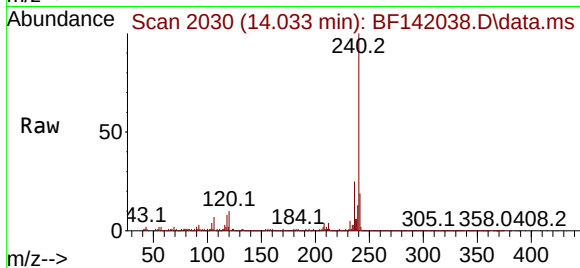
Tgt Ion:240 Resp: 300145

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

236 25.2 20.5 30.7



#77

Benzidine

Concen: 5.331 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF142038.D

Acq: 21 Mar 2025 19:19

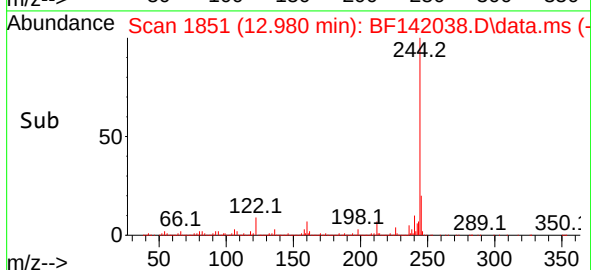
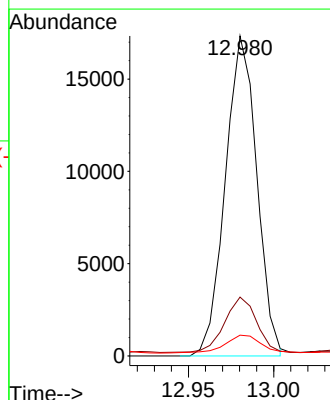
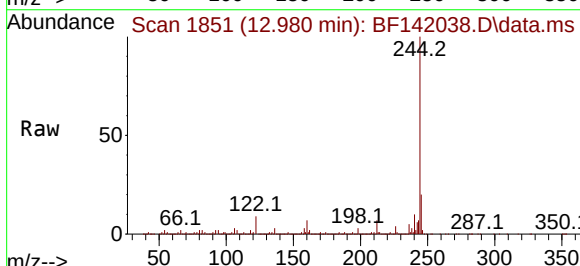
Tgt Ion:184 Resp: 22323

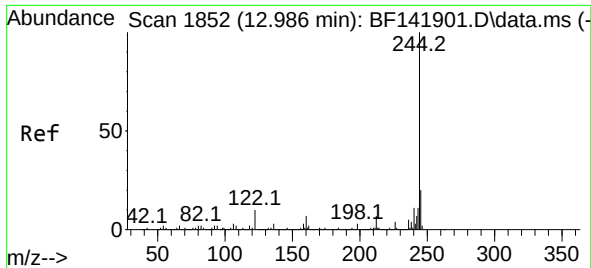
Ion Ratio Lower Upper

184 100

185 18.4 11.5 17.3#

183 6.5 9.7 14.5#

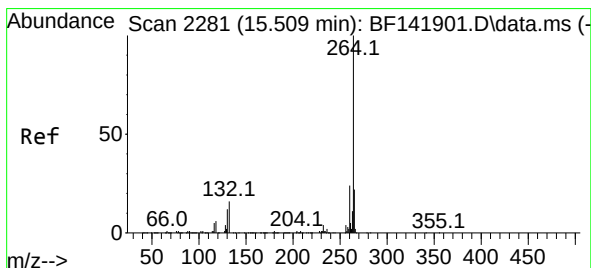
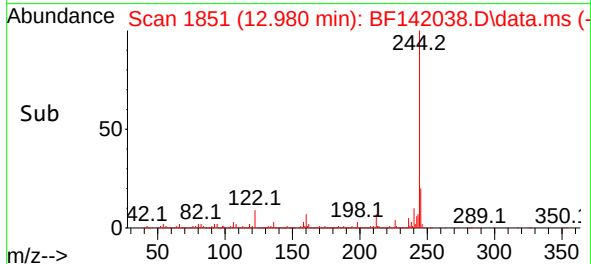
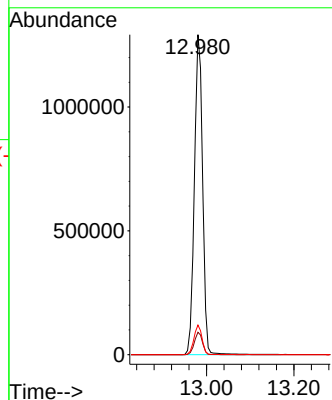
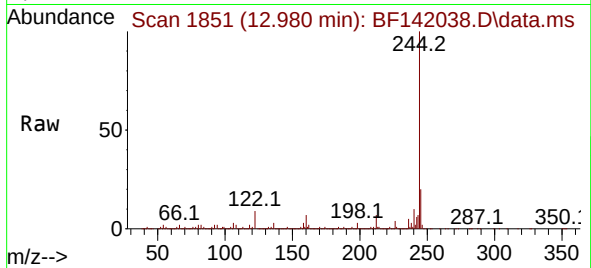




#79
 Terphenyl-d14
 Concen: 83.206 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142038.D
 Acq: 21 Mar 2025 19:19

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

