

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140522.D
 Acq On : 21 Nov 2024 01:17
 Operator : RC/JU
 Sample : P4860-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-002

Quant Time: Nov 21 02:29:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

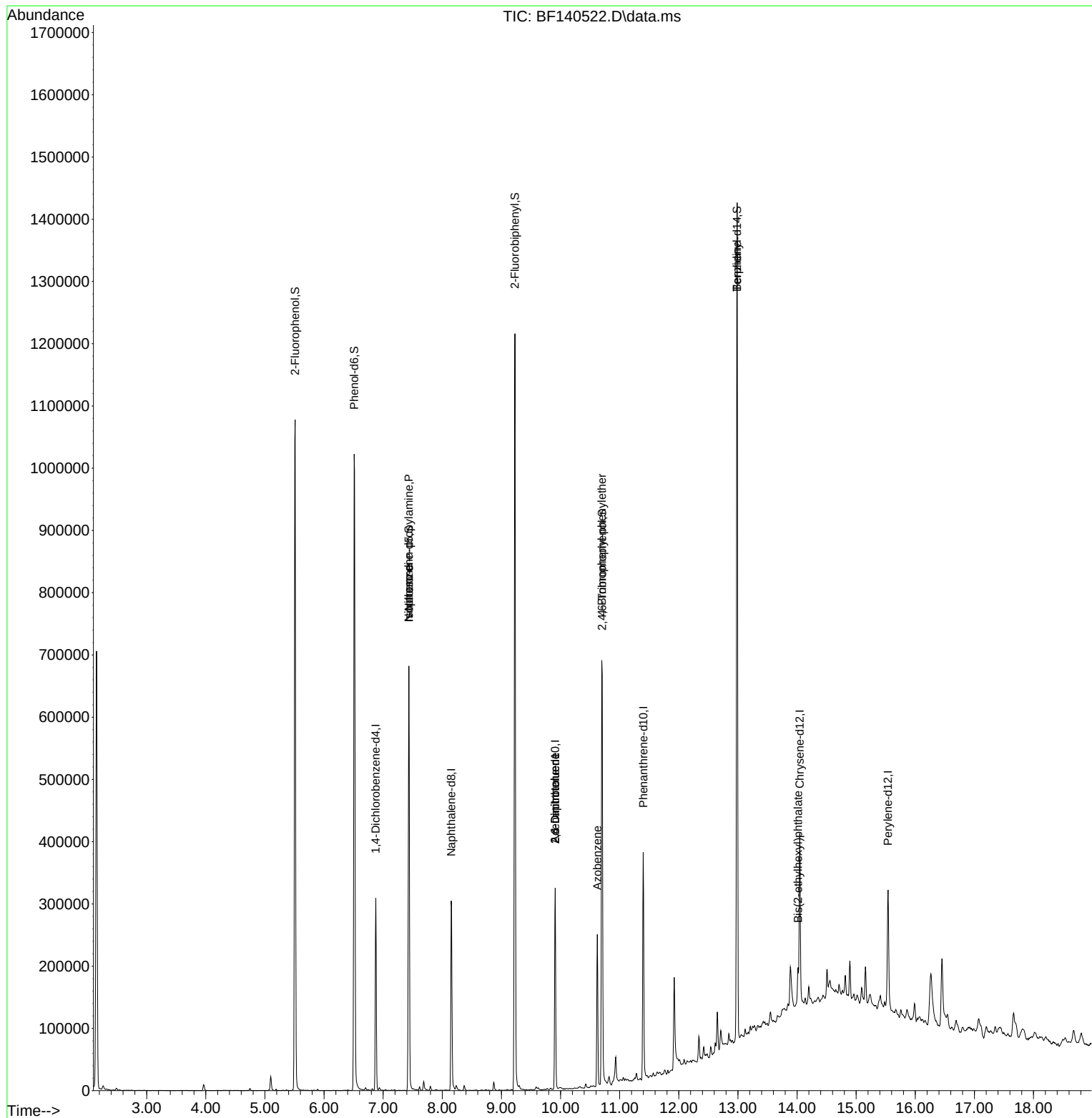
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	63329	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	204737	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	97802	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	194572	20.000	ng	0.00
76) Chrysene-d12	14.045	240	127683	20.000	ng	0.00
86) Perylene-d12	15.539	264	95290	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	405499	109.325	ng	0.02
7) Phenol-d6	6.510	99	485304	96.573	ng	0.00
23) Nitrobenzene-d5	7.434	82	306607	78.027	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	119729	123.107	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	546342	89.801	ng	0.00
79) Terphenyl-d14	12.986	244	644509	87.618	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	41160	13.562	ng	# 78
25) Isophorone	7.434	82	304096	43.665	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	12737	8.764	ng	# 21
57) 2,4-Dinitrotoluene	9.910	165	12737	6.659	ng	# 19
63) Azobenzene	10.622	77	64608	10.031	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	7865	4.044	ng	# 1
77) Benzidine	12.986	184	9821	2.004	ng	95
84) Bis(2-ethylhexyl)phtha...	14.016	149	22170	3.959	ng	98

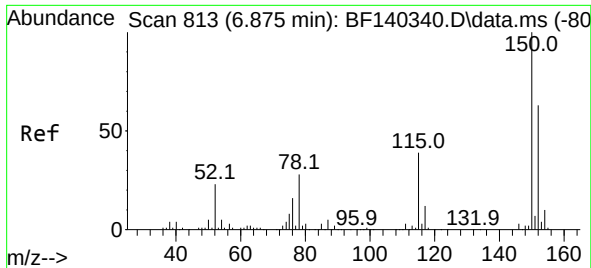
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
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Instrument :
BNA_F
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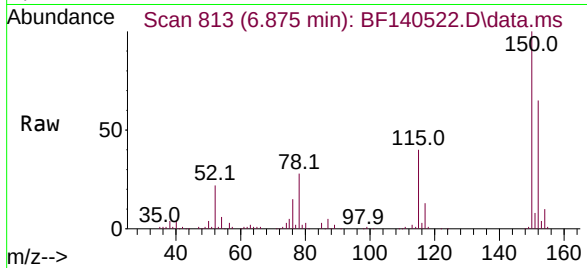
Quant Time: Nov 21 02:29:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
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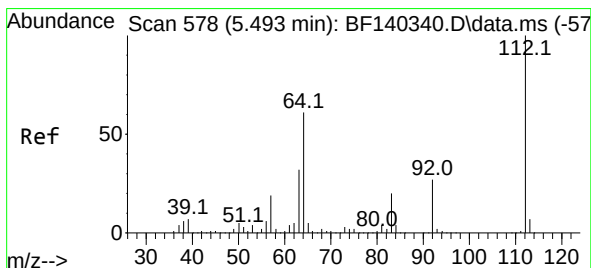
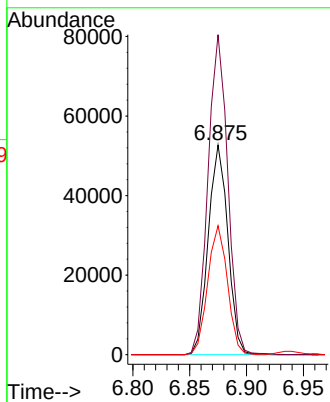
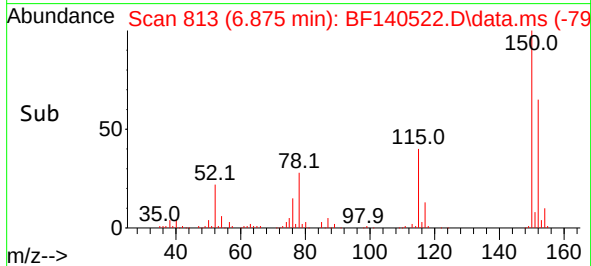


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140522.D
Acq: 21 Nov 2024 01:17

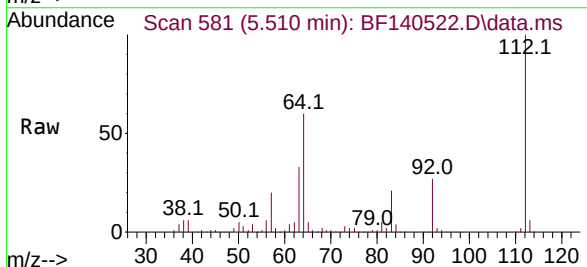
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-002



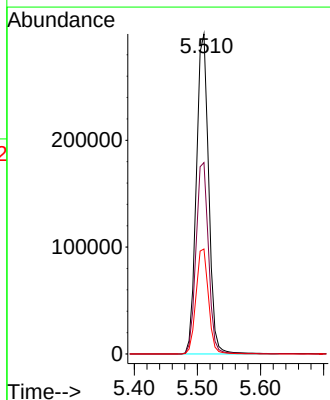
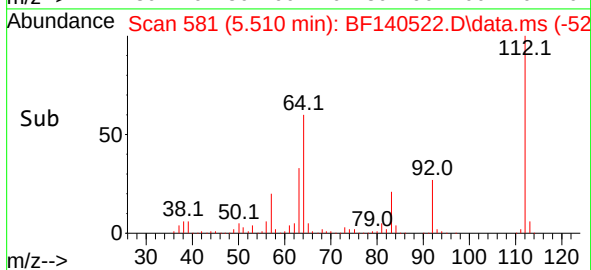
Tgt Ion:152 Resp: 63329
Ion Ratio Lower Upper
152 100
150 152.7 127.4 191.0
115 61.5 47.4 71.2

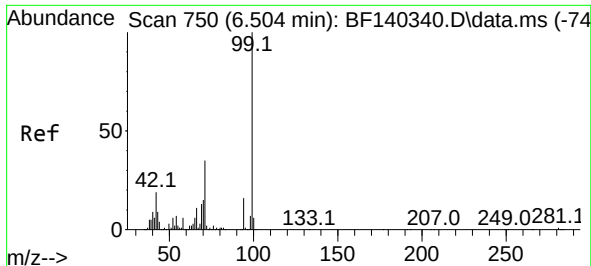


#5
2-Fluorophenol
Concen: 109.325 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140522.D
Acq: 21 Nov 2024 01:17



Tgt Ion:112 Resp: 405499
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 32.8 25.6 38.4

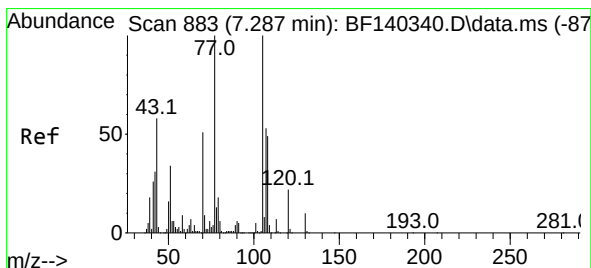
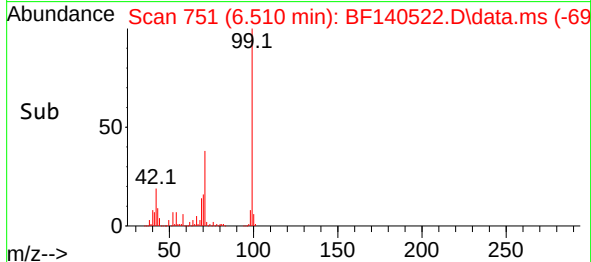
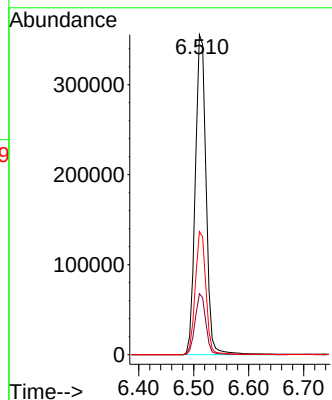
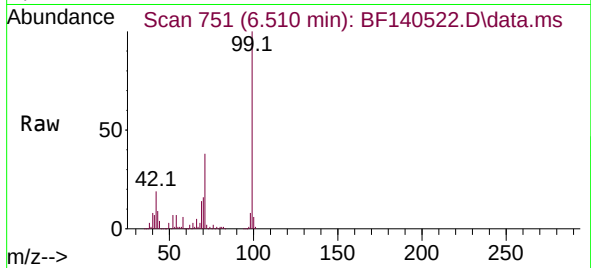




#7
Phenol-d6
Concen: 96.573 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140522.D
Acq: 21 Nov 2024 01:17

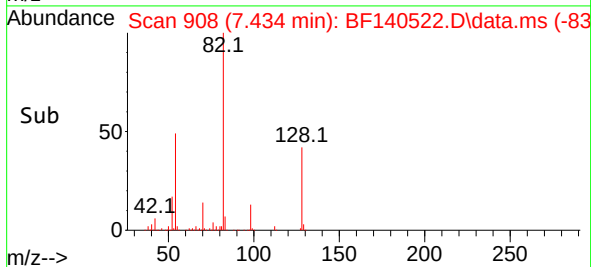
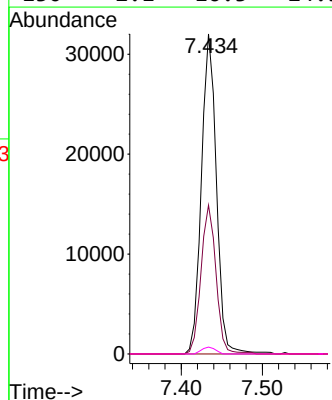
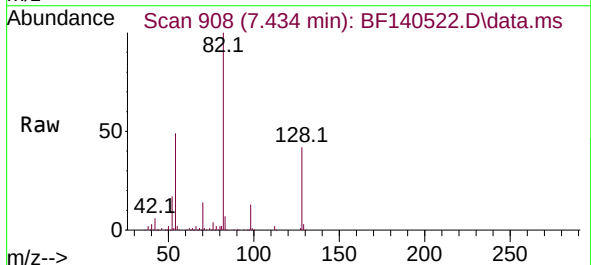
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-002

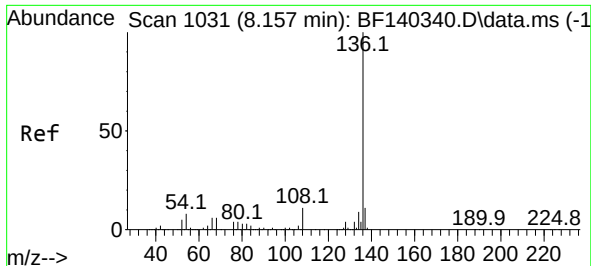
Tgt Ion: 99 Resp: 485304
Ion Ratio Lower Upper
99 100
42 19.1 15.1 22.7
71 38.5 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 13.562 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140522.D
Acq: 21 Nov 2024 01:17

Tgt Ion: 70 Resp: 41160
Ion Ratio Lower Upper
70 100
42 46.5 46.8 70.2#
101 0.0 7.5 11.3#
130 2.1 16.3 24.5#

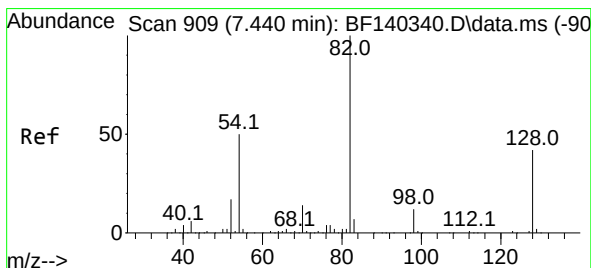
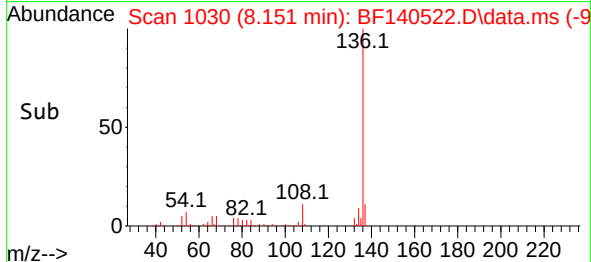
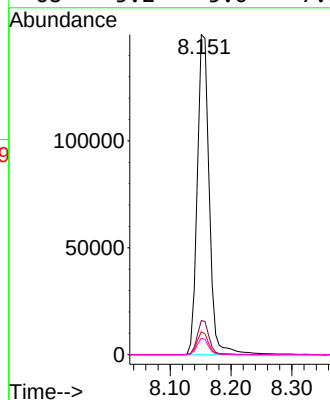
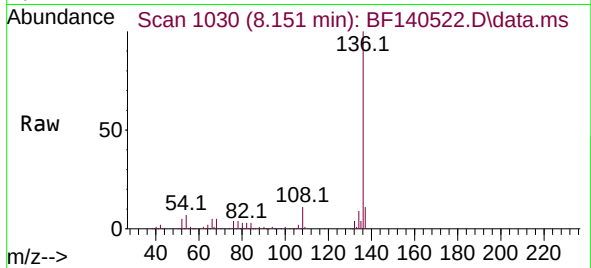




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140522.D
Acq: 21 Nov 2024 01:17

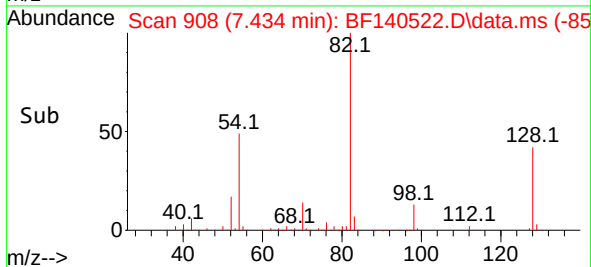
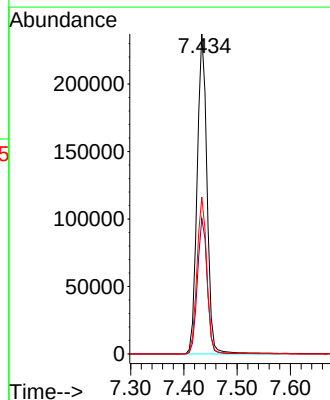
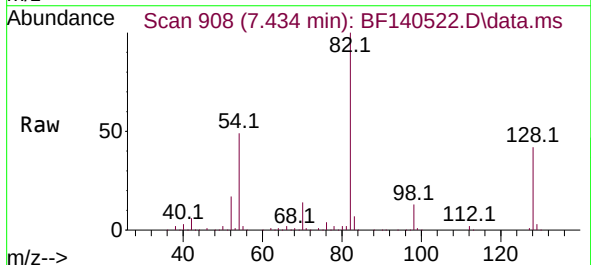
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-002

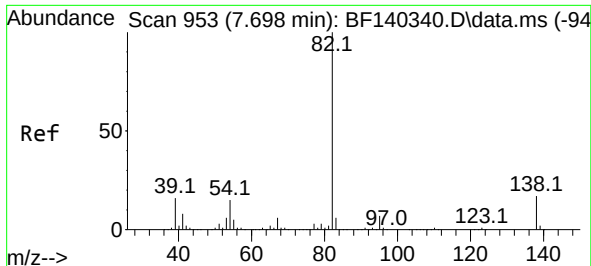
Tgt Ion:136 Resp: 204737
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.2 6.5 9.7
68 5.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 78.027 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140522.D
Acq: 21 Nov 2024 01:17

Tgt Ion: 82 Resp: 306607
Ion Ratio Lower Upper
82 100
128 42.4 33.3 49.9
54 49.0 39.8 59.8

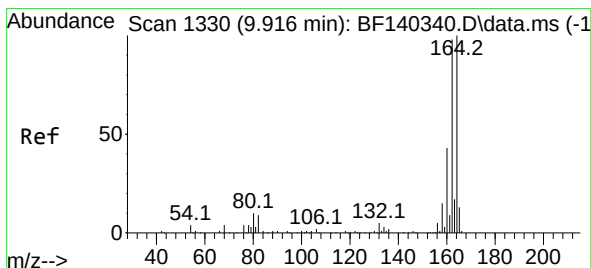
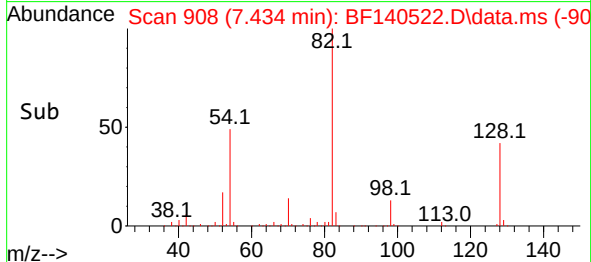
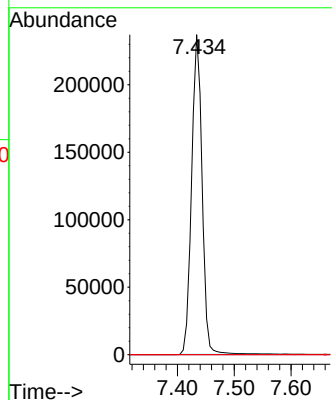
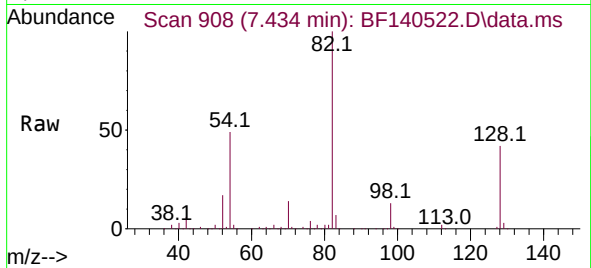




#25
Isophorone
Concen: 43.665 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140522.D
Acq: 21 Nov 2024 01:17

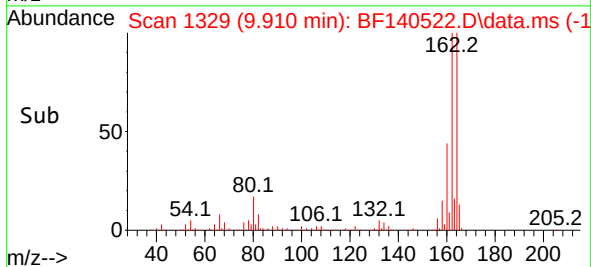
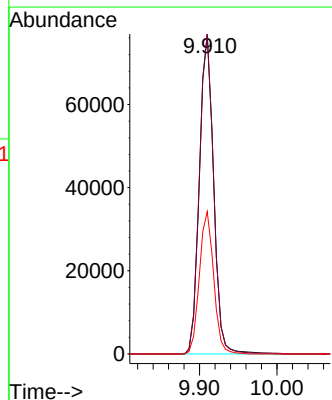
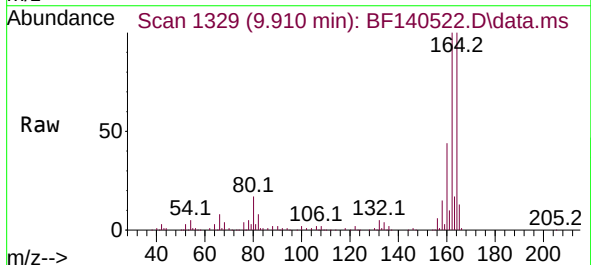
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-002

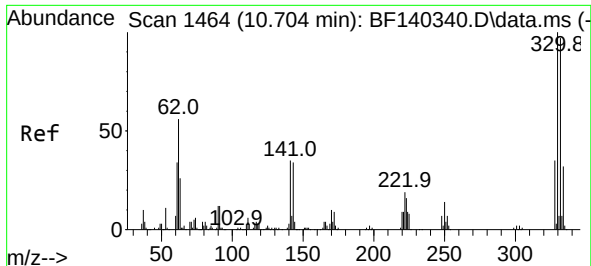
Tgt Ion: 82 Resp: 304096
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140522.D
Acq: 21 Nov 2024 01:17

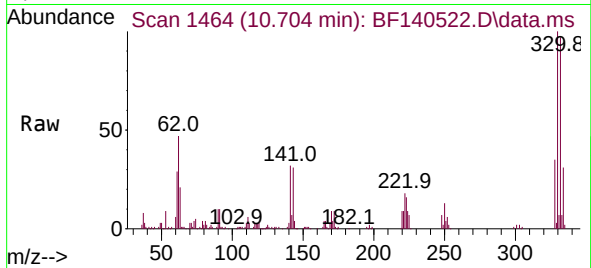
Tgt Ion: 164 Resp: 97802
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 44.7 35.4 53.0



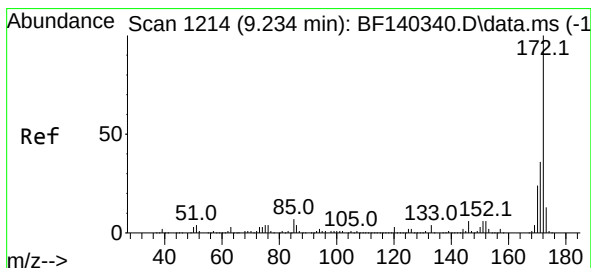
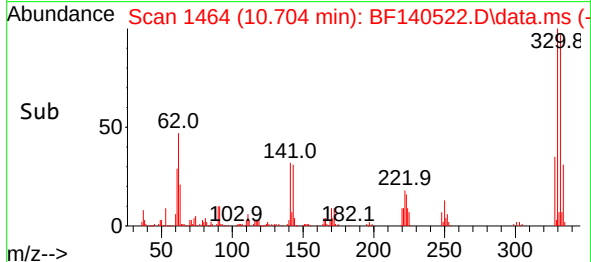
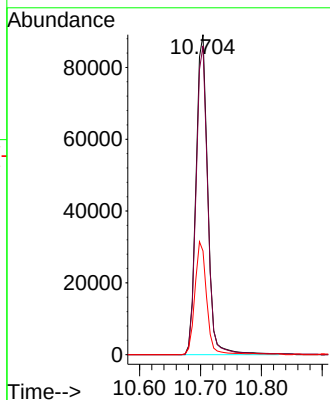


#42
2,4,6-Tribromophenol
Concen: 123.107 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140522.D
Acq: 21 Nov 2024 01:17

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-002

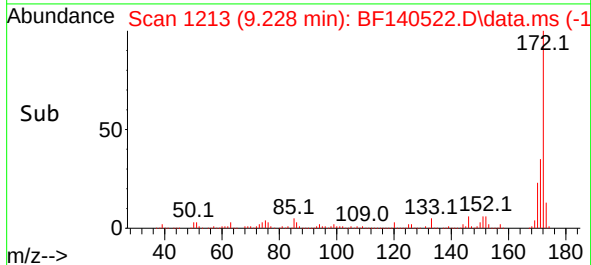
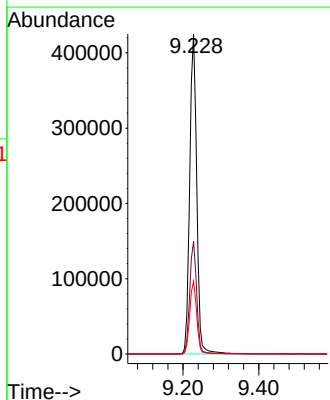
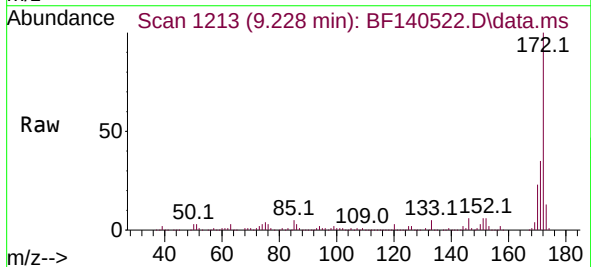


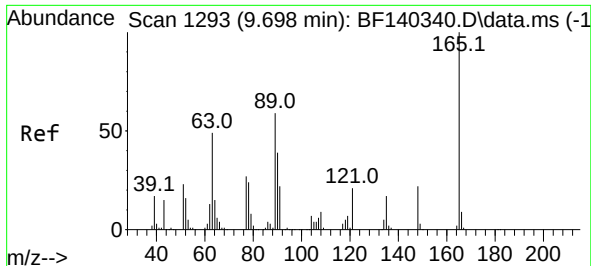
Tgt Ion:330 Resp: 119729
Ion Ratio Lower Upper
330 100
332 96.5 75.9 113.9
141 35.7 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 89.801 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140522.D
Acq: 21 Nov 2024 01:17

Tgt Ion:172 Resp: 546342
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.764 ng

RT: 9.910 min Scan# 1329

Delta R.T. 0.212 min

Lab File: BF140522.D

Acq: 21 Nov 2024 01:17

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-002

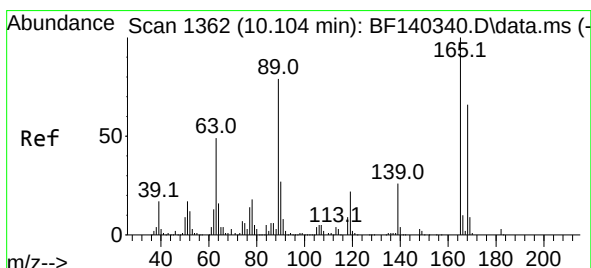
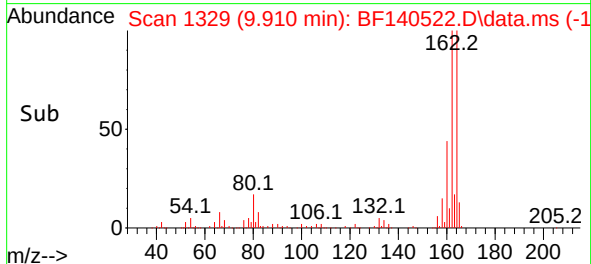
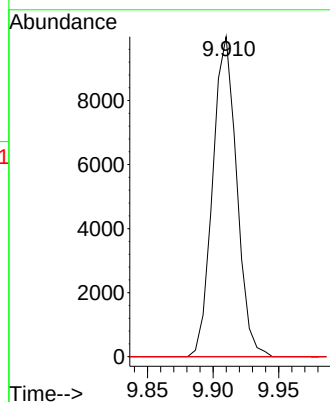
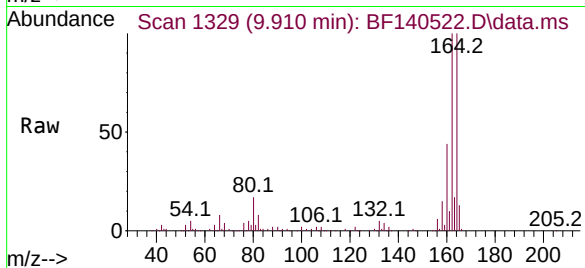
Tgt Ion:165 Resp: 12737

Ion Ratio Lower Upper

165 100

63 0.0 47.6 71.4#

89 0.0 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.659 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.194 min

Lab File: BF140522.D

Acq: 21 Nov 2024 01:17

Tgt Ion:165 Resp: 12737

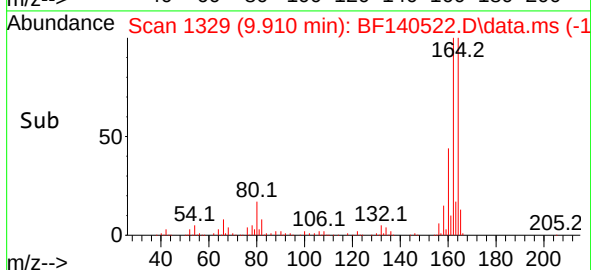
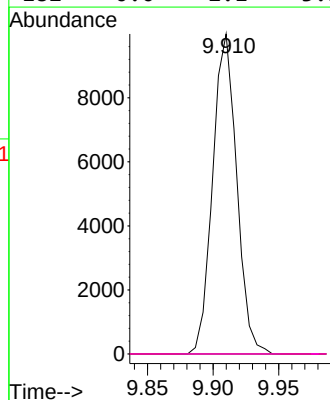
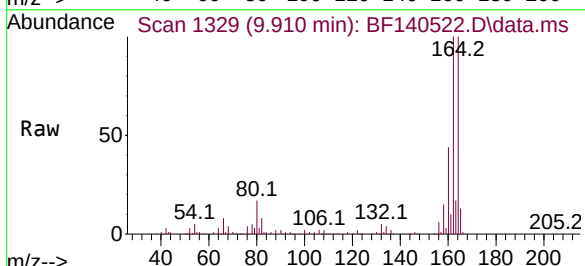
Ion Ratio Lower Upper

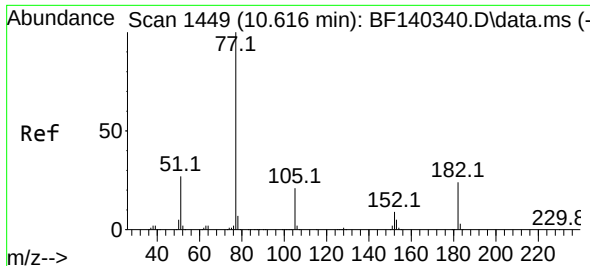
165 100

63 0.0 39.4 59.0#

89 0.0 62.4 93.6#

182 0.0 2.1 3.1#

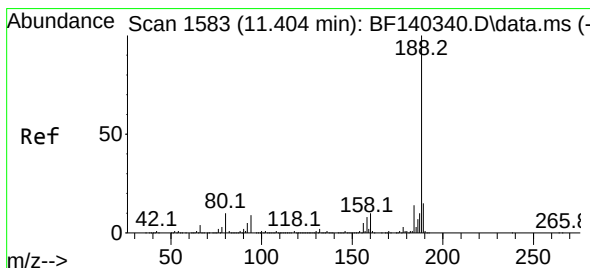
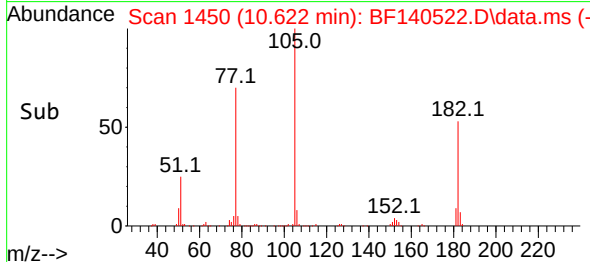
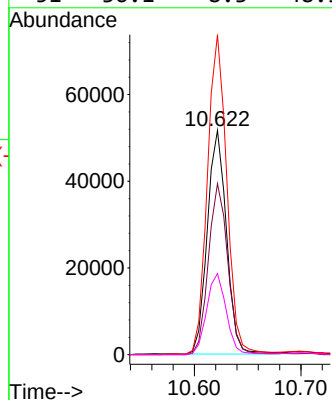
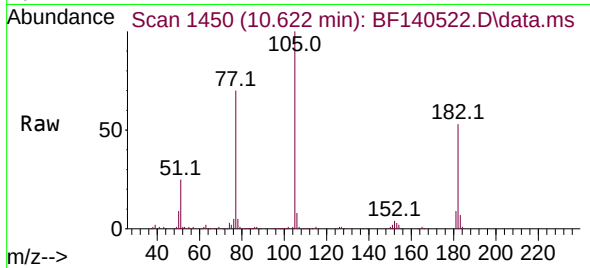




#63
 Azobenzene
 Concen: 10.031 ng
 RT: 10.622 min Scan# 1449
 Delta R.T. 0.006 min
 Lab File: BF140522.D
 Acq: 21 Nov 2024 01:17

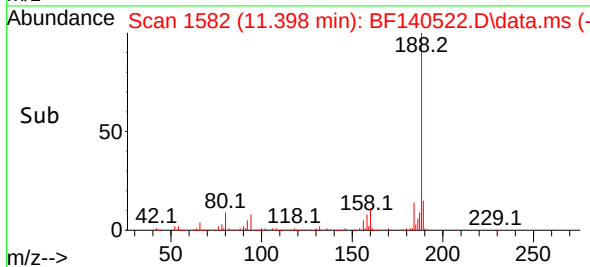
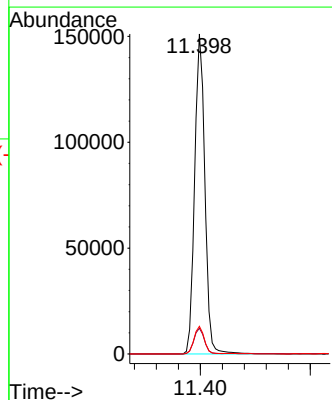
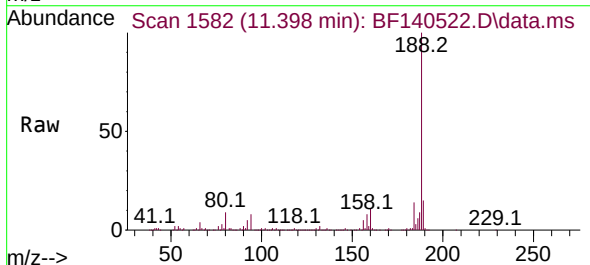
Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-002

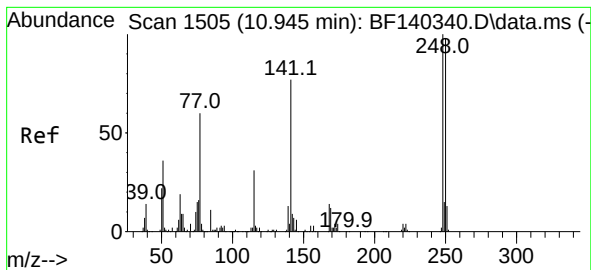
Tgt Ion: 77	Resp: 64608
Ion Ratio	Lower Upper
77	100
182	76.3 4.6 44.6#
105	142.7 0.9 40.9#
51	36.1 8.3 48.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.398 min Scan# 1582
 Delta R.T. -0.006 min
 Lab File: BF140522.D
 Acq: 21 Nov 2024 01:17

Tgt Ion: 188	Resp: 194572
Ion Ratio	Lower Upper
188	100
94	8.1 7.6 11.4
80	8.7 8.0 12.0

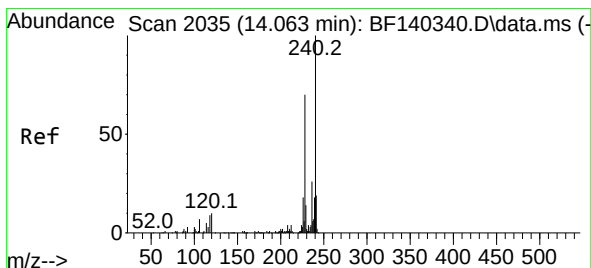
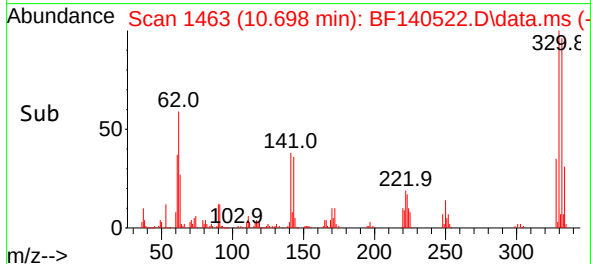
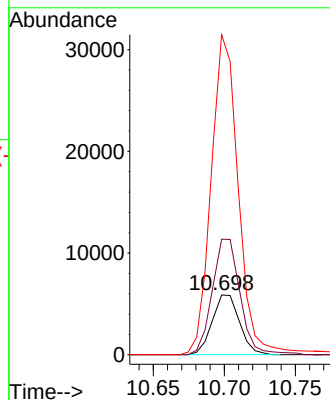
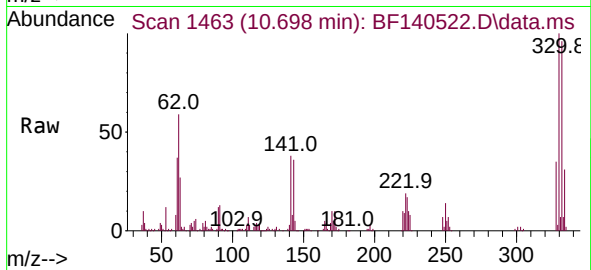




#67
4-Bromophenyl-phenylether
Concen: 4.044 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140522.D
Acq: 21 Nov 2024 01:17

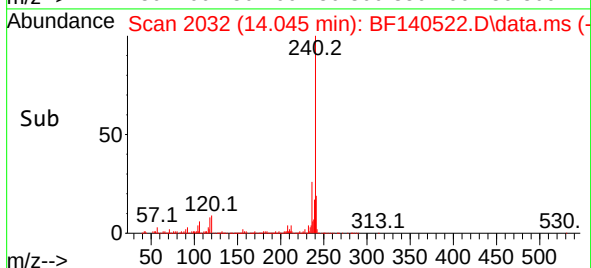
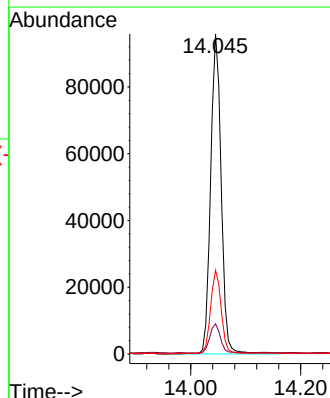
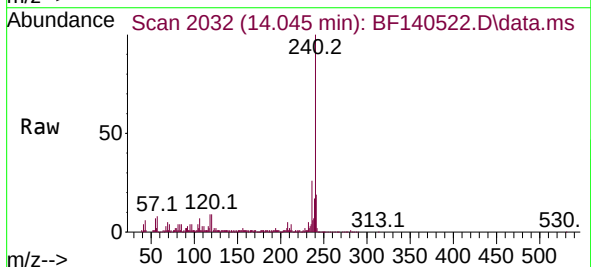
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-002

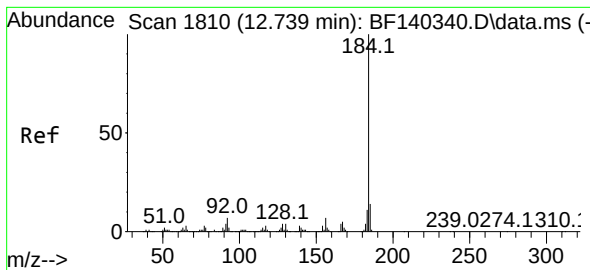
Tgt Ion:248 Resp: 7865
Ion Ratio Lower Upper
248 100
250 193.2 77.9 116.9#
141 535.5 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140522.D
Acq: 21 Nov 2024 01:17

Tgt Ion:240 Resp: 127683
Ion Ratio Lower Upper
240 100
120 9.4 8.8 13.2
236 26.2 20.9 31.3





#77

Benzidine

Concen: 2.004 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.253 min

Lab File: BF140522.D

Acq: 21 Nov 2024 01:17

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-002

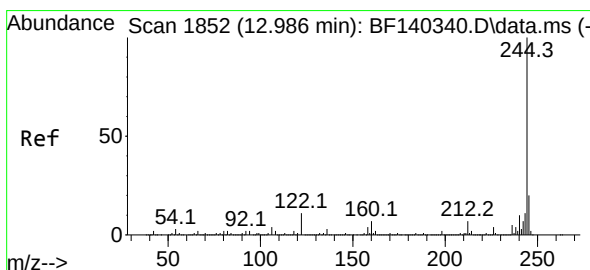
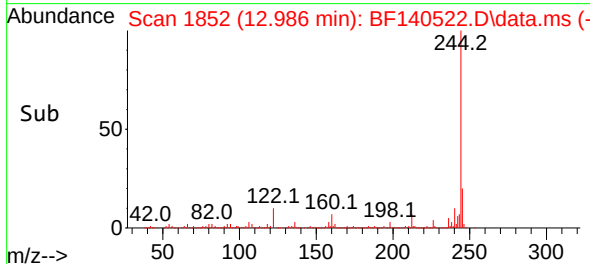
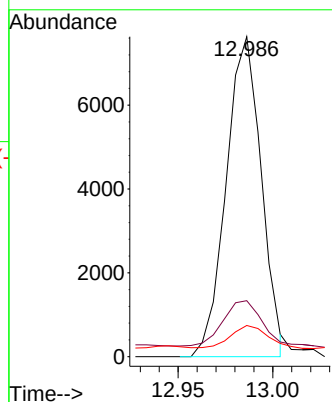
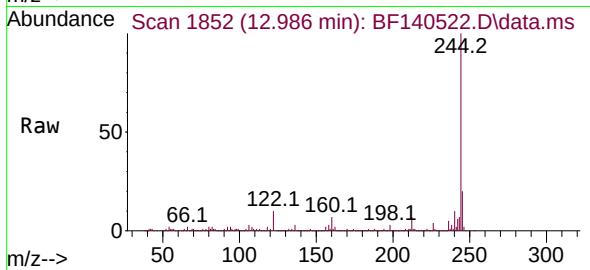
Tgt Ion:184 Resp: 9821

Ion Ratio Lower Upper

184 100

185 17.5 11.9 17.9

183 9.7 8.6 13.0



#79

Terphenyl-d14

Concen: 87.618 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF140522.D

Acq: 21 Nov 2024 01:17

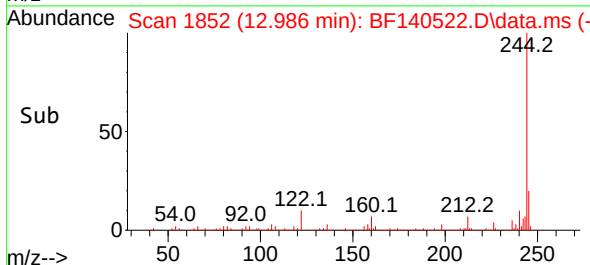
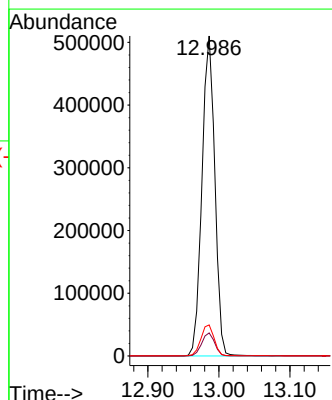
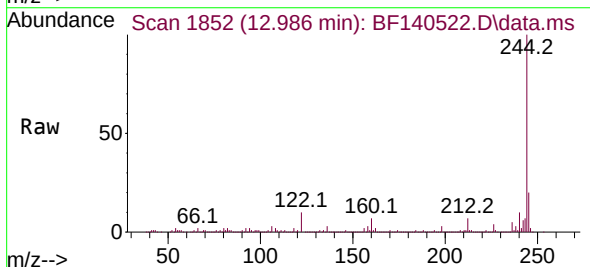
Tgt Ion:244 Resp: 644509

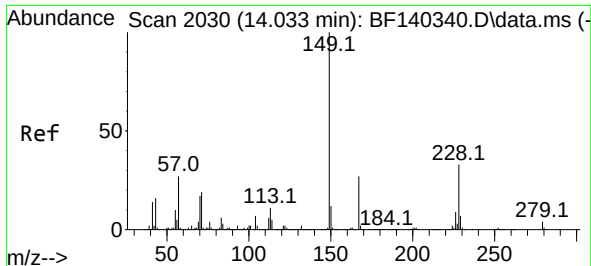
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.7 8.8 13.2

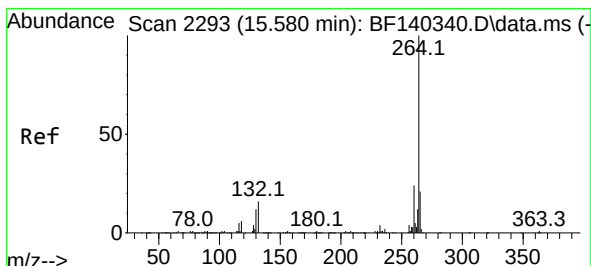
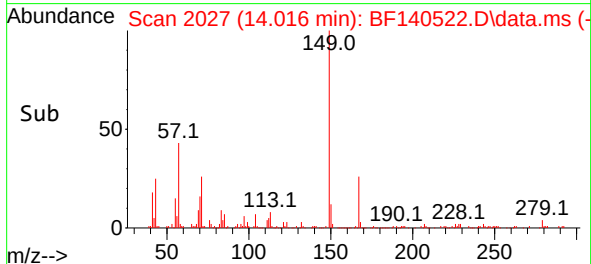
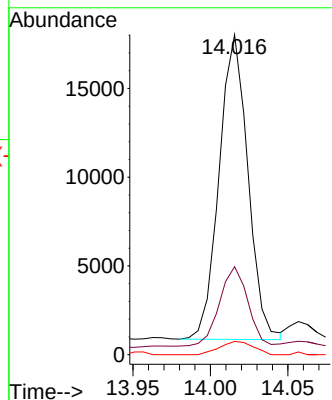
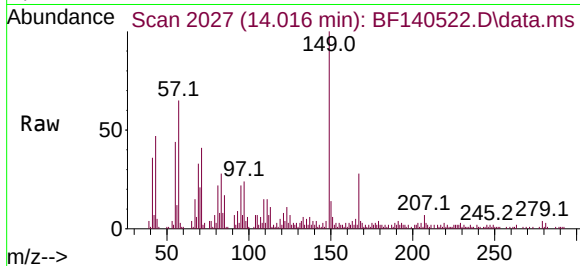




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.959 ng
 RT: 14.016 min Scan# 2030
 Delta R.T. -0.006 min
 Lab File: BF140522.D
 Acq: 21 Nov 2024 01:17

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-002

Tgt Ion:149 Resp: 22170
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.4 32.0
 279 4.2 3.0 4.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. -0.018 min
 Lab File: BF140522.D
 Acq: 21 Nov 2024 01:17

Tgt Ion:264 Resp: 95290
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.6 17.1 25.7

