

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140521.D
 Acq On : 21 Nov 2024 00:51
 Operator : RC/JU
 Sample : P4860-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-001

Quant Time: Nov 21 02:28:50 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)

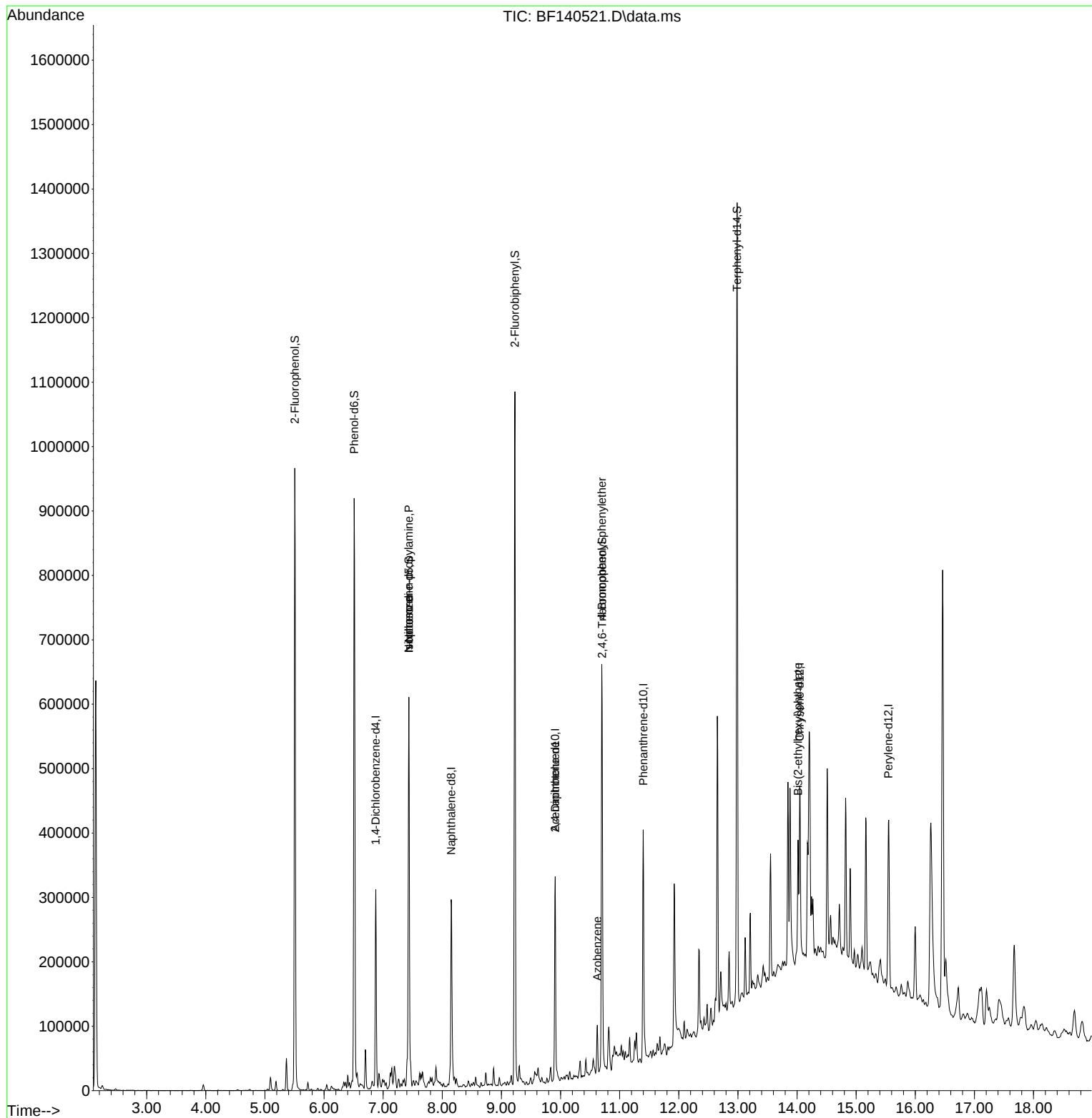
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	59598	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	191112	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	92553	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	183658	20.000	ng	0.00
76) Chrysene-d12	14.045	240	124900	20.000	ng	0.00
86) Perylene-d12	15.545	264	92662	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	351366	100.661	ng	0.01
7) Phenol-d6	6.510	99	424978	89.863	ng	0.00
23) Nitrobenzene-d5	7.434	82	272391	74.262	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	107163	116.435	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	482207	83.754	ng	0.00
79) Terphenyl-d14	12.986	244	594136	82.570	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	39622	13.872	ng	# 78
25) Isophorone	7.434	82	267422	41.137	ng	# 67
57) 2,4-Dinitrotoluene	9.910	165	13087	7.230	ng	# 21
63) Azobenzene	10.622	77	20222	3.318	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	6877	3.746	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.016	149	77043	14.064	ng	100

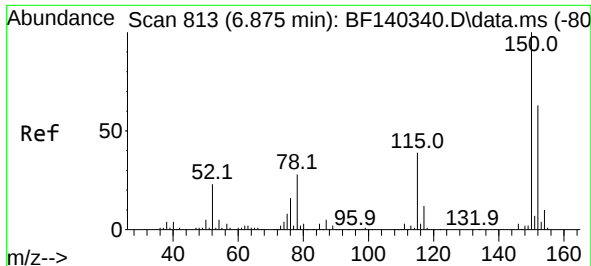
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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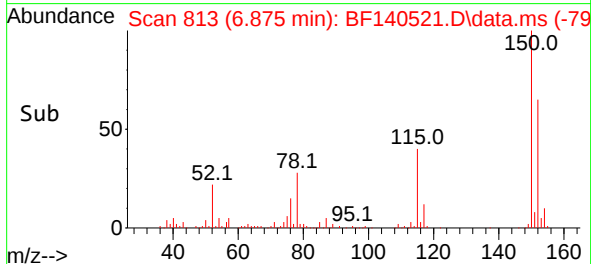
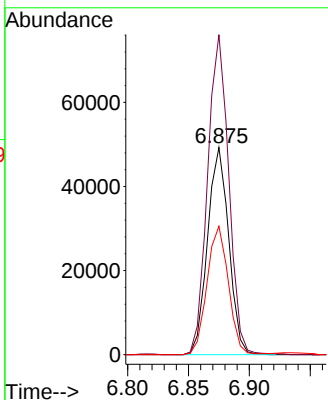
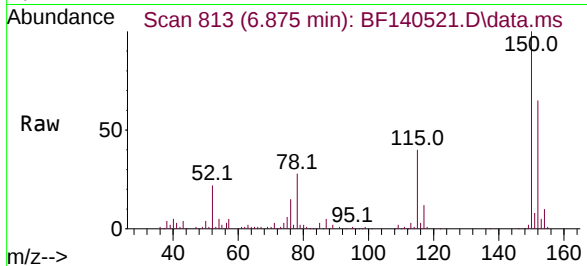




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140521.D
Acq: 21 Nov 2024 00:51

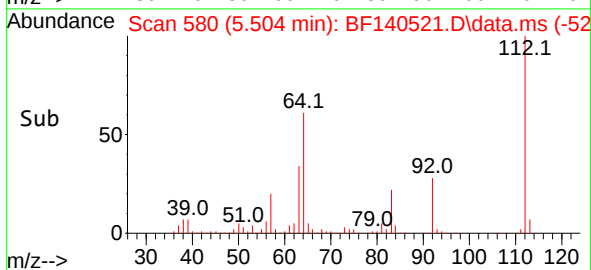
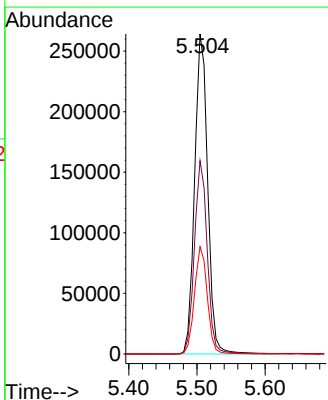
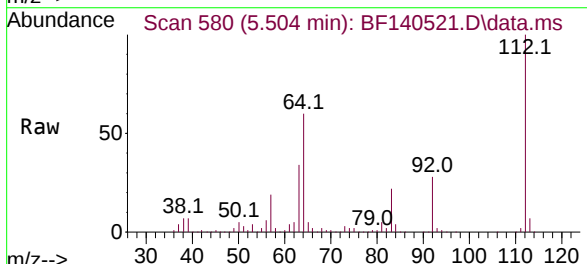
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-001

Tgt Ion:152 Resp: 59598
Ion Ratio Lower Upper
152 100
150 154.5 127.4 191.0
115 62.0 47.4 71.2



#5
2-Fluorophenol
Concen: 100.661 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140521.D
Acq: 21 Nov 2024 00:51

Tgt Ion:112 Resp: 351366
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 33.5 25.6 38.4

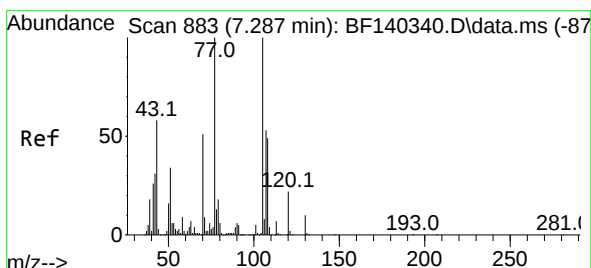
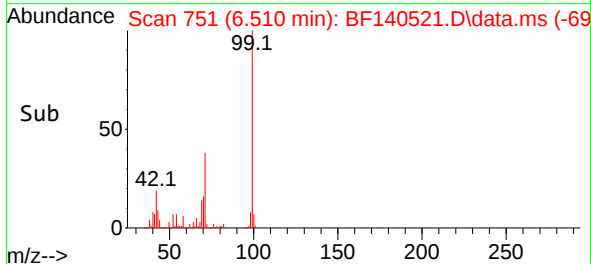
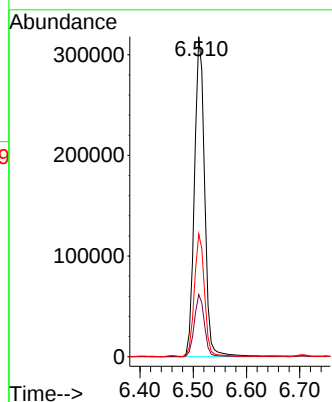
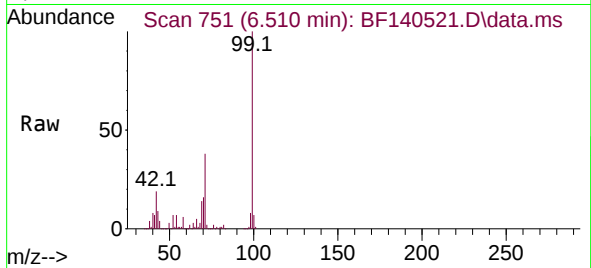




#7
Phenol-d6
Concen: 89.863 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140521.D
Acq: 21 Nov 2024 00:51

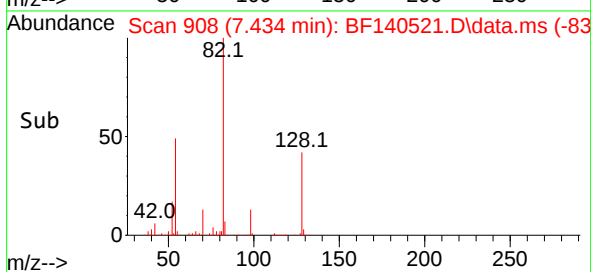
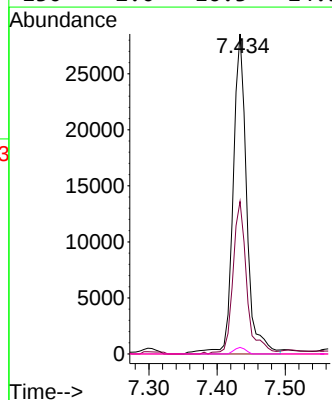
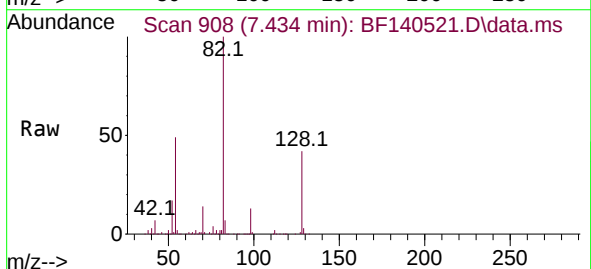
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-001

Tgt Ion: 99 Resp: 424978
Ion Ratio Lower Upper
99 100
42 19.4 15.1 22.7
71 38.4 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 13.872 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140521.D
Acq: 21 Nov 2024 00:51

Tgt Ion: 70 Resp: 39622
Ion Ratio Lower Upper
70 100
42 47.7 46.8 70.2
101 0.0 7.5 11.3#
130 2.0 16.3 24.5#

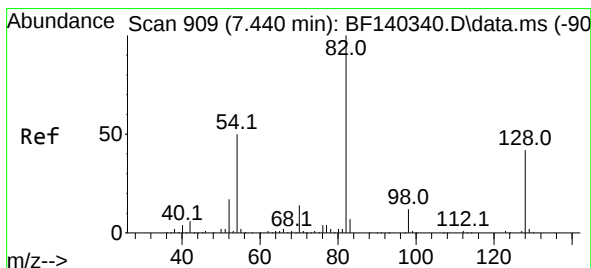
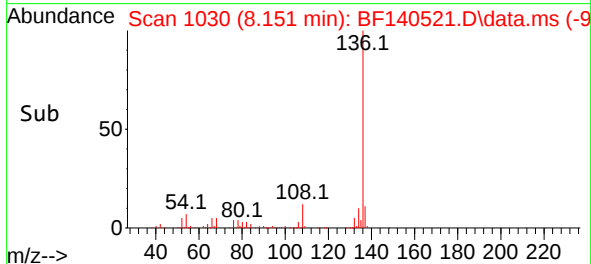
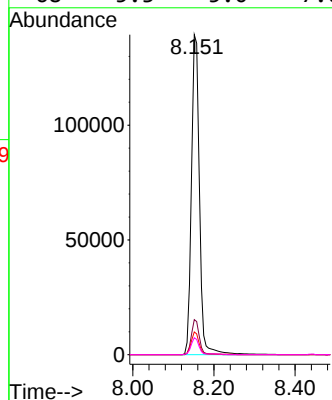
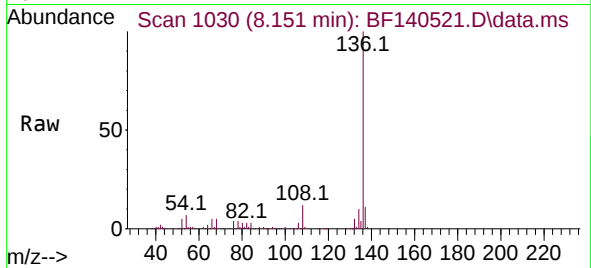




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140521.D
Acq: 21 Nov 2024 00:51

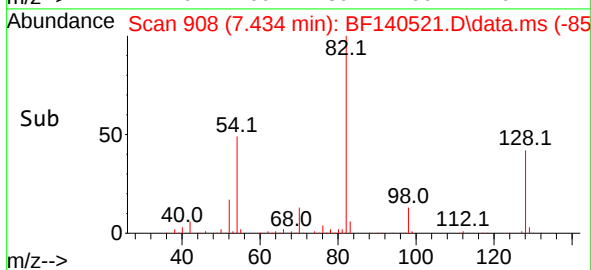
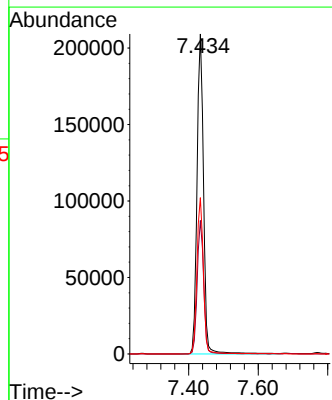
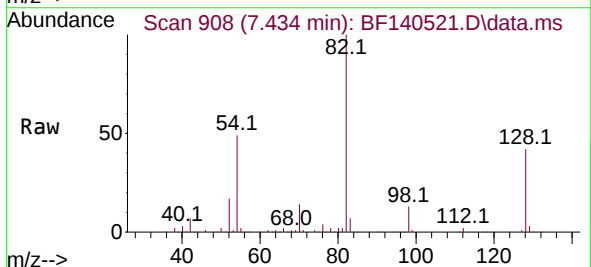
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-001

Tgt Ion:136 Resp: 191112
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.1 6.5 9.7
68 5.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 74.262 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140521.D
Acq: 21 Nov 2024 00:51

Tgt Ion: 82 Resp: 272391
Ion Ratio Lower Upper
82 100
128 41.7 33.3 49.9
54 48.9 39.8 59.8

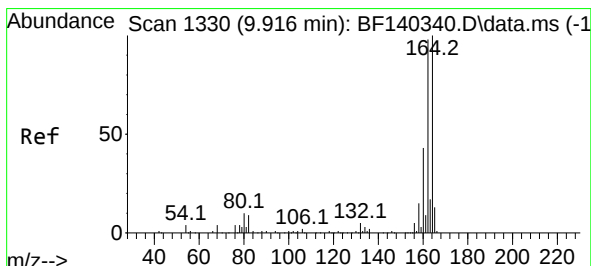
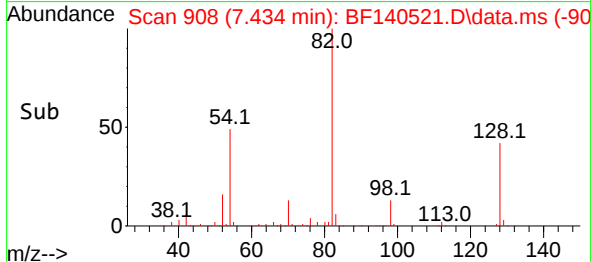
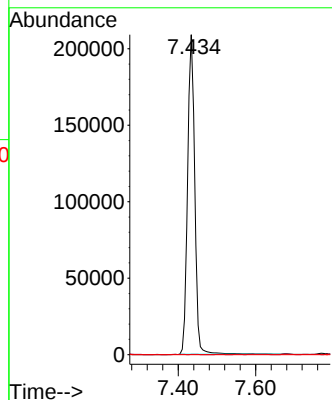
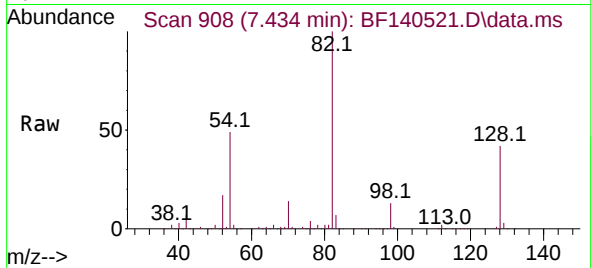




#25
Isophorone
Concen: 41.137 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140521.D
Acq: 21 Nov 2024 00:51

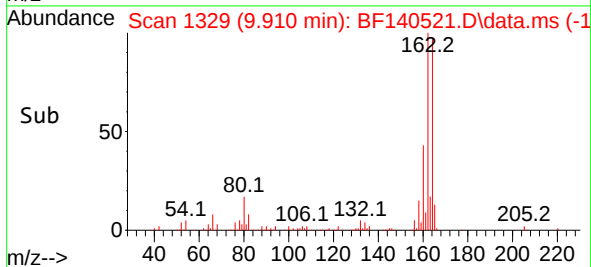
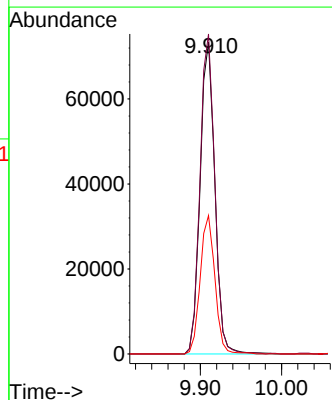
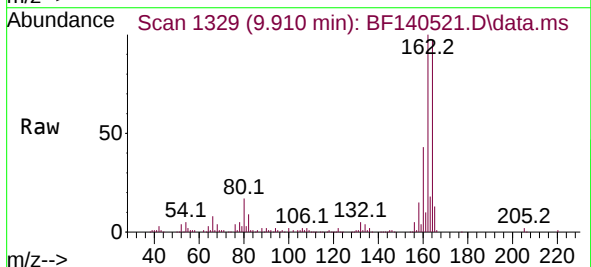
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-001

Tgt Ion: 82 Resp: 267422
Ion Ratio Lower Upper
82 100
95 0.1 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: BF140521.D
Acq: 21 Nov 2024 00:51

Tgt Ion:164 Resp: 92553
Ion Ratio Lower Upper
164 100
162 102.7 79.8 119.8
160 44.4 35.4 53.0

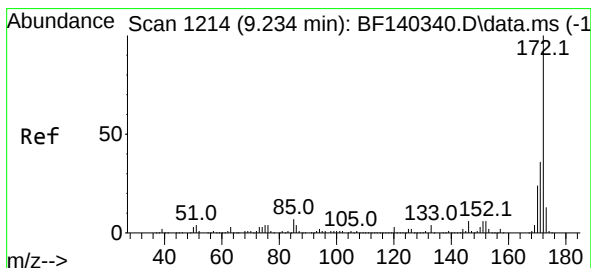
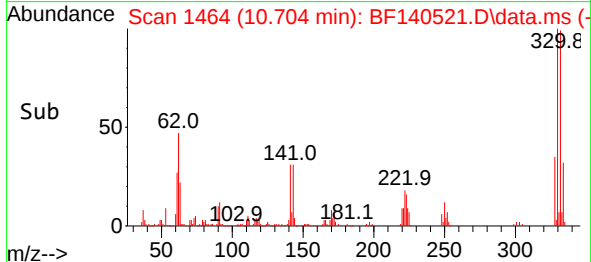
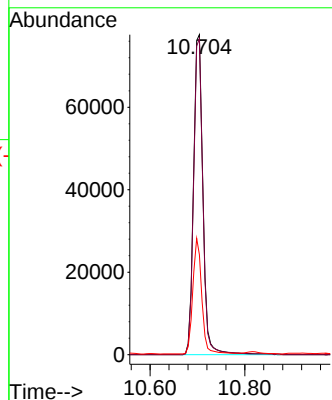
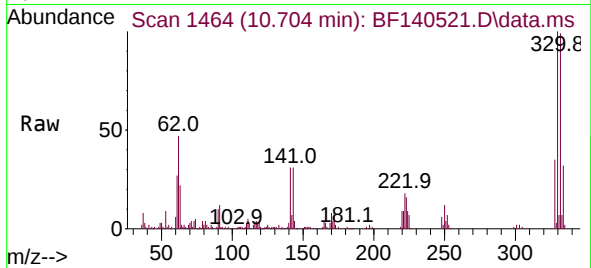




#42
2,4,6-Tribromophenol
Concen: 116.435 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140521.D
Acq: 21 Nov 2024 00:51

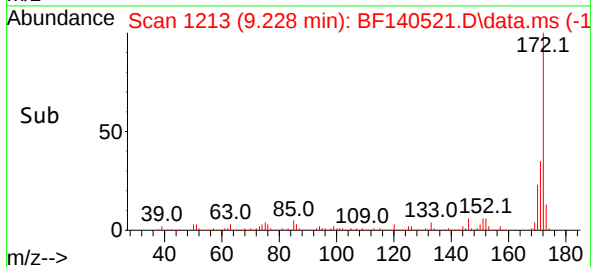
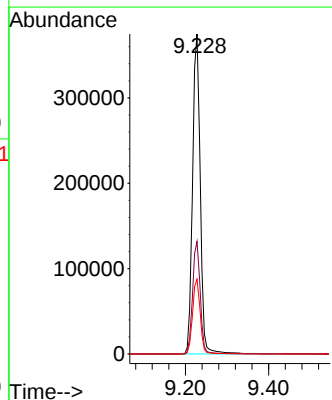
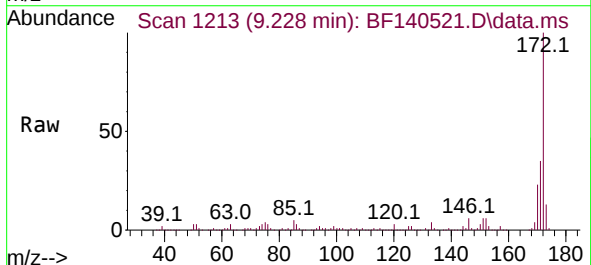
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ClientSampleId :
PH2-BOT-001

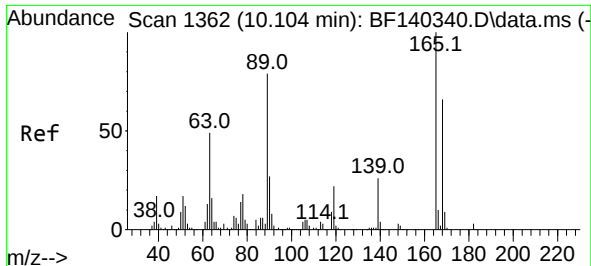
Tgt Ion:330 Resp: 107163
Ion Ratio Lower Upper
330 100
332 97.1 75.9 113.9
141 34.3 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 83.754 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140521.D
Acq: 21 Nov 2024 00:51

Tgt Ion:172 Resp: 482207
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.4 19.1 28.7

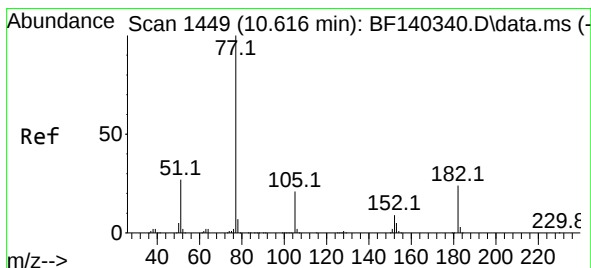
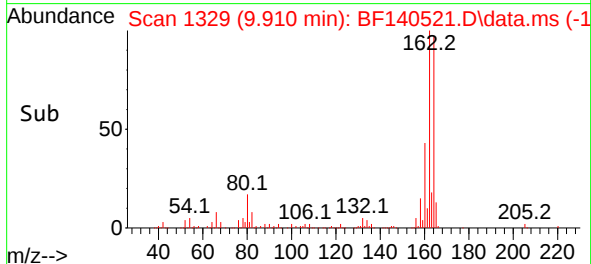
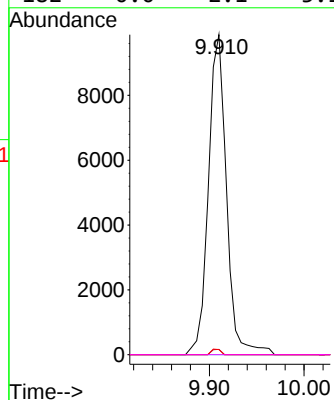
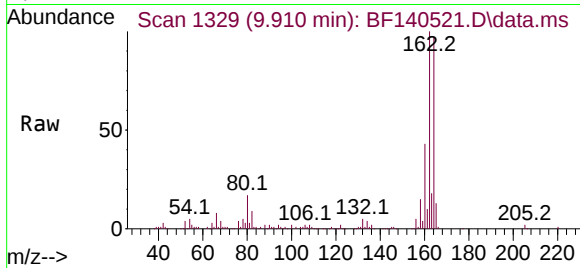




#57
2,4-Dinitrotoluene
Concen: 7.230 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF140521.D
Acq: 21 Nov 2024 00:51

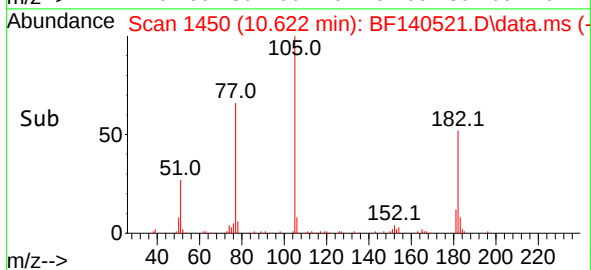
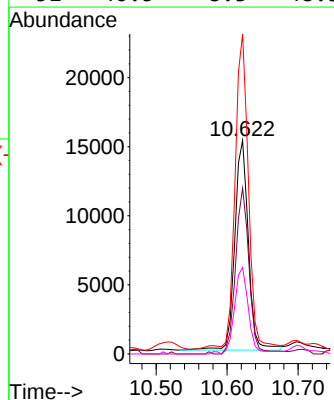
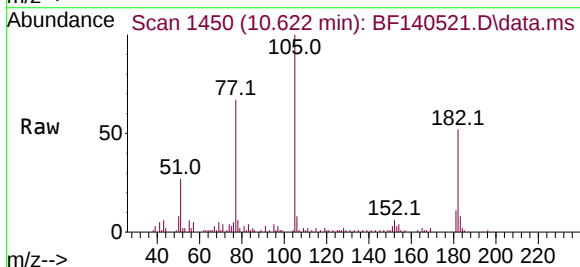
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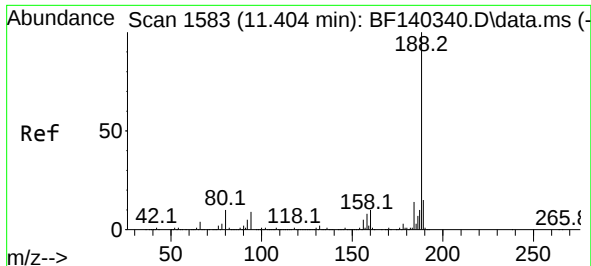
Tgt Ion:165 Resp: 13087
Ion Ratio Lower Upper
165 100
63 1.7 39.4 59.0#
89 1.6 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 3.318 ng
RT: 10.622 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF140521.D
Acq: 21 Nov 2024 00:51

Tgt Ion: 77 Resp: 20222
Ion Ratio Lower Upper
77 100
182 77.6 4.6 44.6#
105 149.8 0.9 40.9#
51 40.5 8.3 48.3

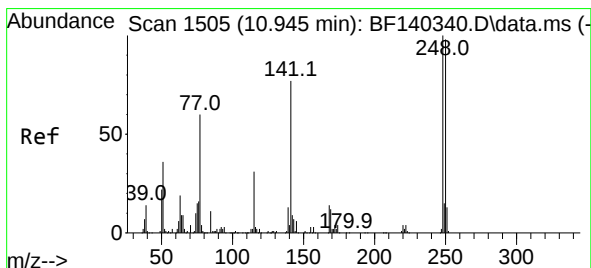
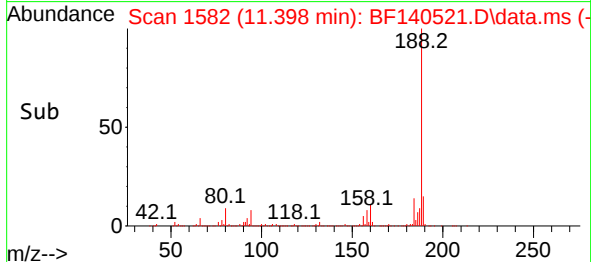
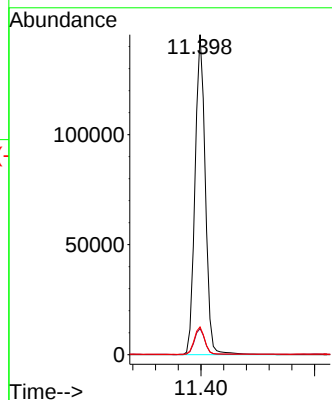
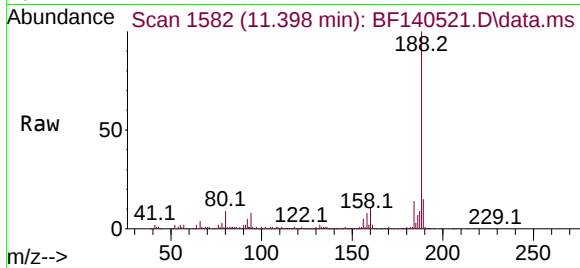




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140521.D
Acq: 21 Nov 2024 00:51

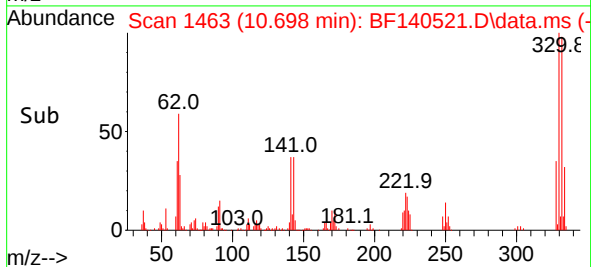
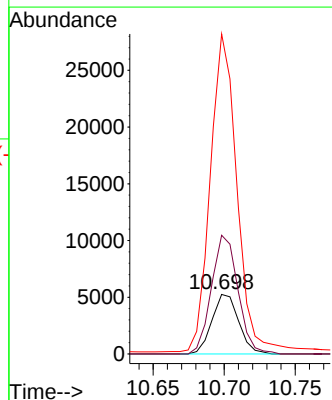
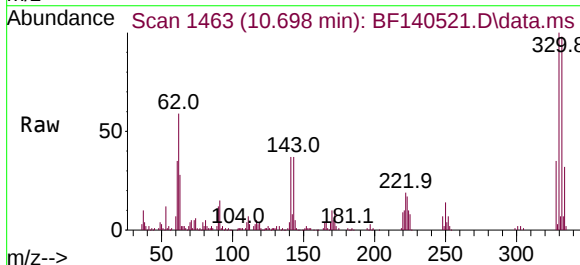
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BNA_F
ClientSampleId :
PH2-BOT-001

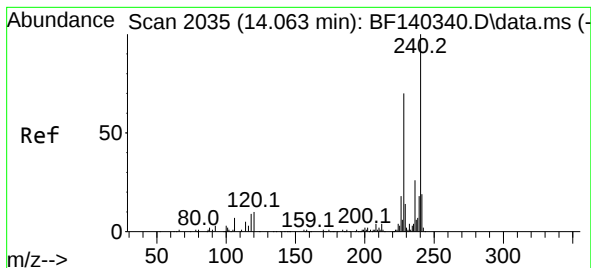
Tgt Ion:188 Resp: 183658
Ion Ratio Lower Upper
188 100
94 8.2 7.6 11.4
80 8.7 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 3.746 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140521.D
Acq: 21 Nov 2024 00:51

Tgt Ion:248 Resp: 6877
Ion Ratio Lower Upper
248 100
250 199.4 77.9 116.9#
141 537.6 61.8 92.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF140521.D

Acq: 21 Nov 2024 00:51

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-001

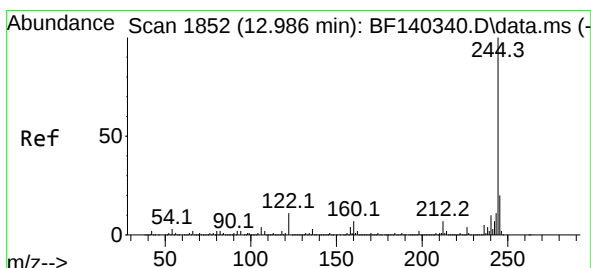
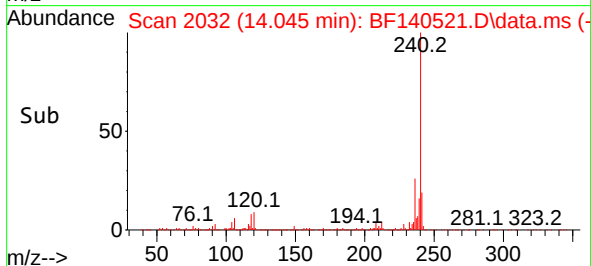
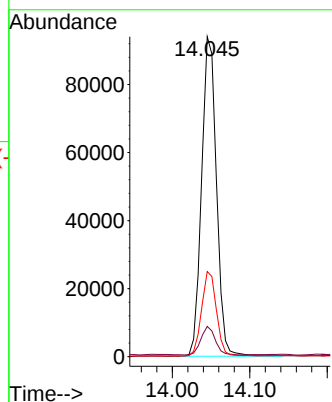
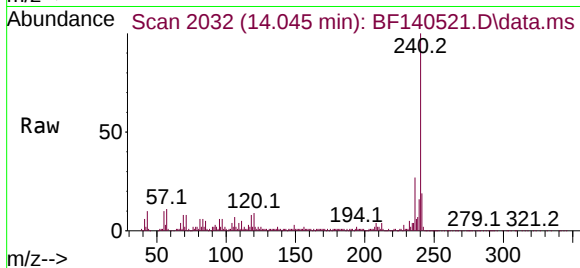
Tgt Ion:240 Resp: 124900

Ion Ratio Lower Upper

240 100

120 9.4 8.8 13.2

236 26.6 20.9 31.3



#79

Terphenyl-d14

Concen: 82.570 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF140521.D

Acq: 21 Nov 2024 00:51

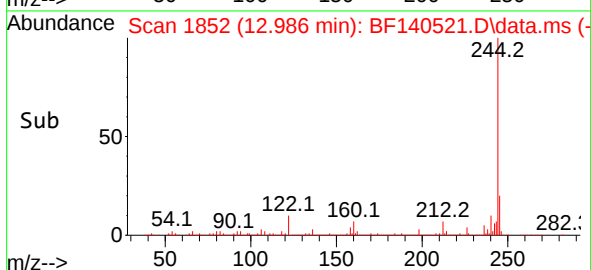
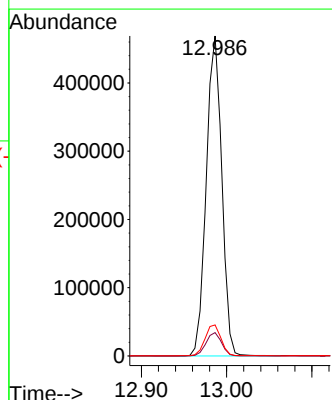
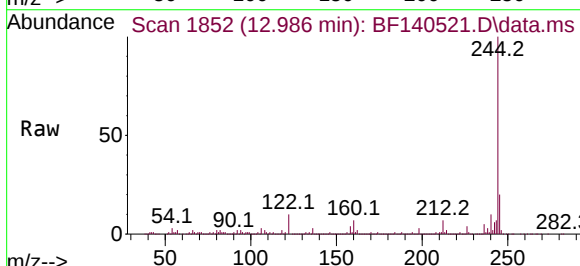
Tgt Ion:244 Resp: 594136

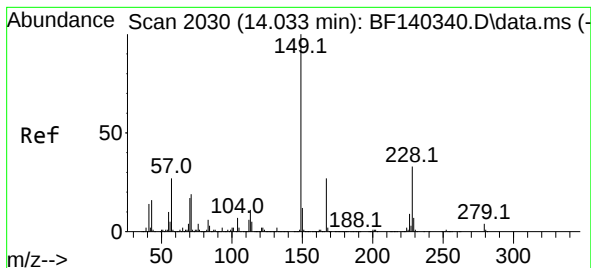
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 9.7 8.8 13.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 14.064 ng
RT: 14.016 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF140521.D
Acq: 21 Nov 2024 00:51

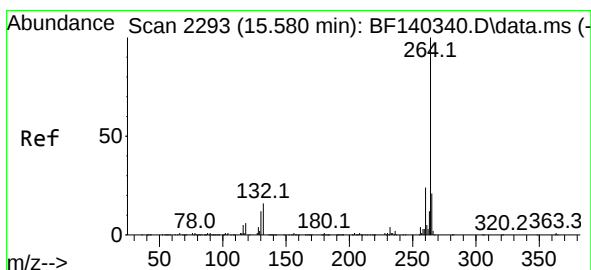
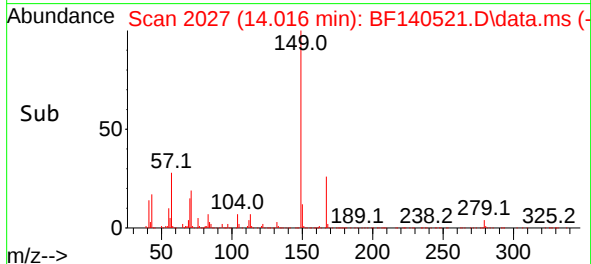
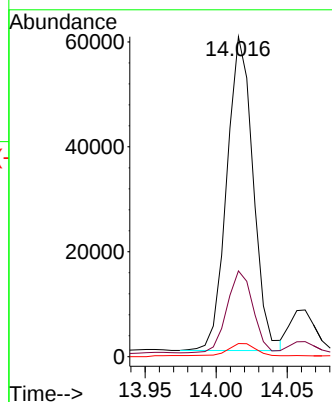
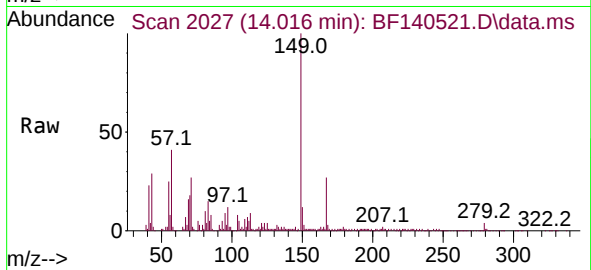
Instrument :

BNA_F

ClientSampleId :

PH2-BOT-001

Tgt Ion:149 Resp: 77043
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.0
279 4.1 3.0 4.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BF140521.D
Acq: 21 Nov 2024 00:51

Tgt Ion:264 Resp: 92662
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 21.8 17.1 25.7

