

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140588.D
 Acq On : 22 Nov 2024 19:53
 Operator : RC/JU
 Sample : P4860-02RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-001

Quant Time: Nov 22 22:17:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

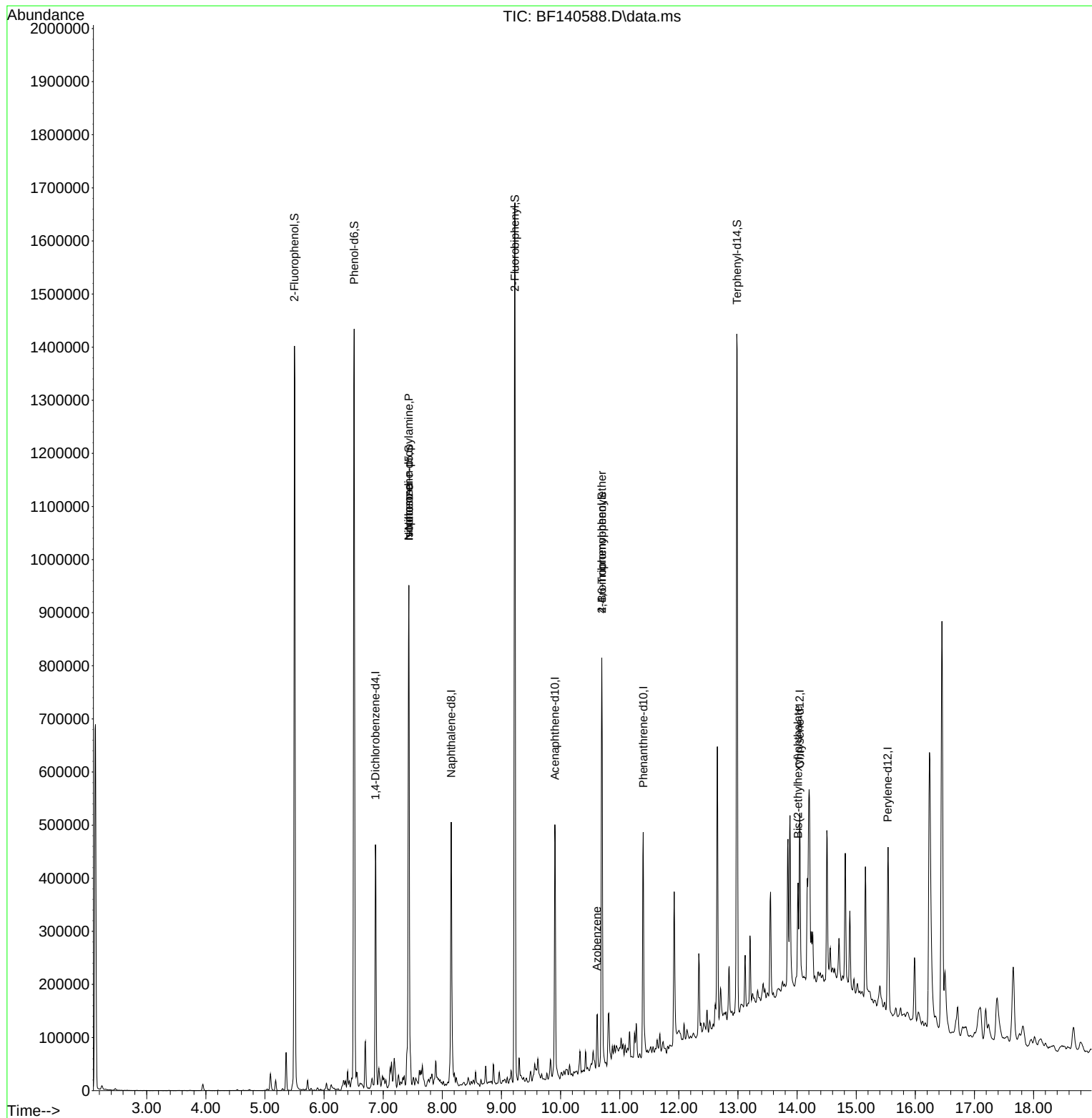
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	91972	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	309675	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	141425	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	223631	20.000	ng	0.00
76) Chrysene-d12	14.045	240	148537	20.000	ng	0.00
86) Perylene-d12	15.533	264	113324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	537625	99.737	ng	0.00
7) Phenol-d6	6.510	99	689964	96.820	ng	0.00
23) Nitrobenzene-d5	7.434	82	434510	71.770	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	131171	86.722	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	758546	79.914	ng	0.00
79) Terphenyl-d14	12.986	244	647587	67.887	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	57441	13.639	ng	Qvalue # 77
25) Isophorone	7.434	82	427784	42.363	ng	# 66
63) Azobenzene	10.616	77	27618	3.082	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	8271	3.591	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.016	149	77057	12.334	ng	99

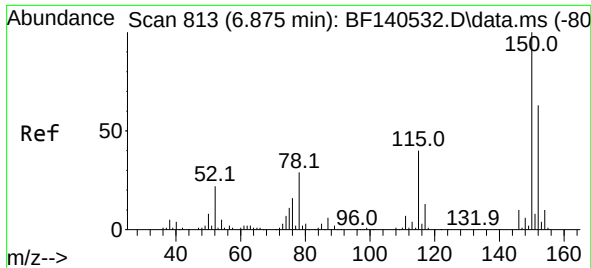
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

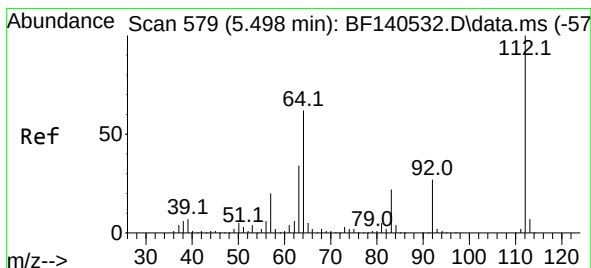
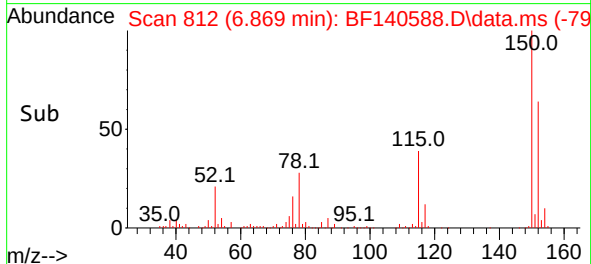
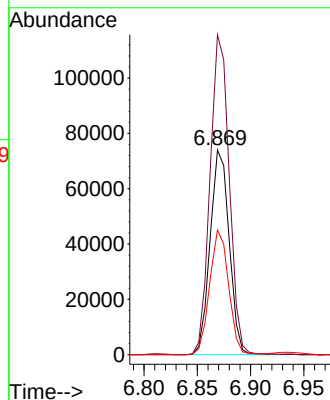
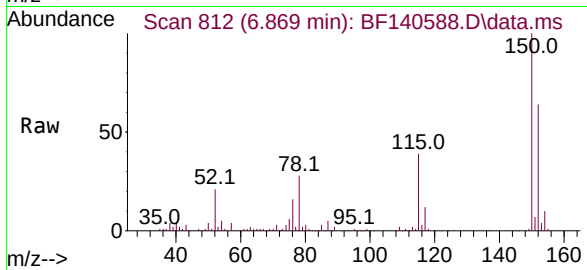




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140588.D
Acq: 22 Nov 2024 19:53

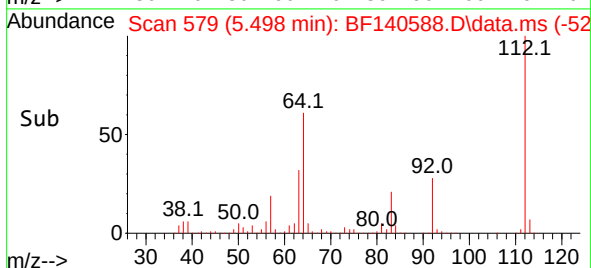
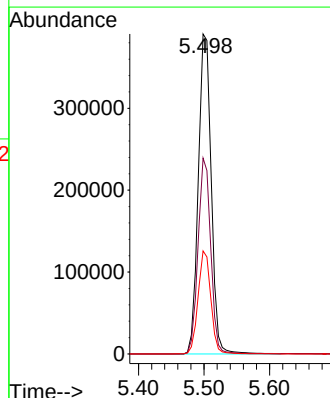
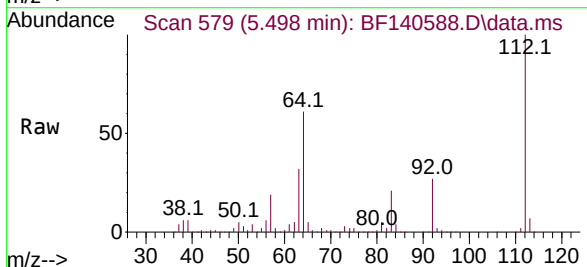
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-001

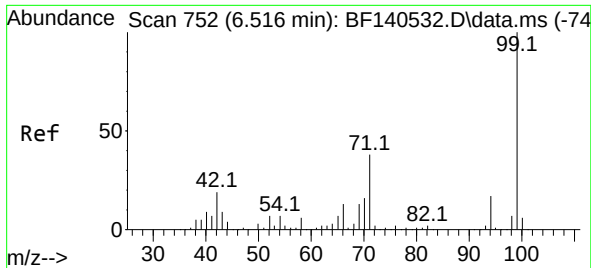
Tgt Ion:152 Resp: 91972
Ion Ratio Lower Upper
152 100
150 156.4 128.5 192.7
115 61.0 50.2 75.4



#5
2-Fluorophenol
Concen: 99.737 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140588.D
Acq: 22 Nov 2024 19:53

Tgt Ion:112 Resp: 537625
Ion Ratio Lower Upper
112 100
64 61.2 49.2 73.8
63 32.2 27.0 40.4





#7

Phenol-d6

Concen: 96.820 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140588.D

Acq: 22 Nov 2024 19:53

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-001

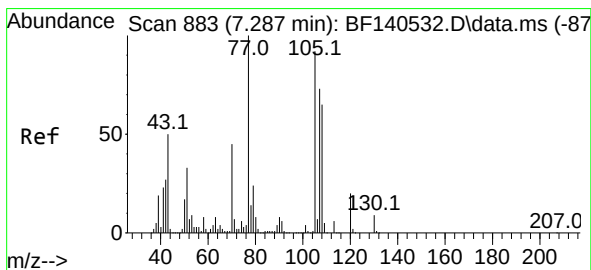
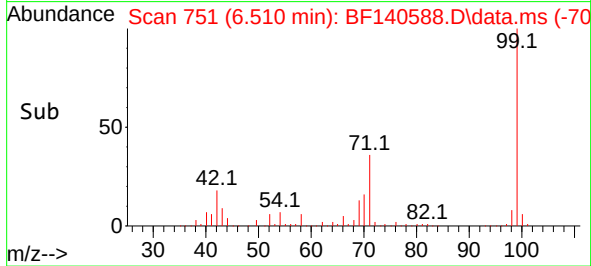
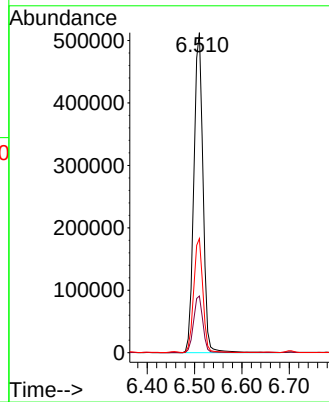
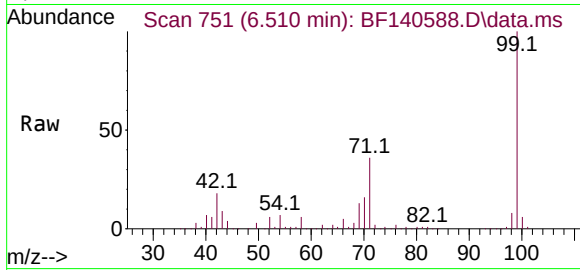
Tgt Ion: 99 Resp: 689964

Ion Ratio Lower Upper

99 100

42 17.7 15.4 23.0

71 35.6 30.6 46.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.639 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.147 min

Lab File: BF140588.D

Acq: 22 Nov 2024 19:53

Tgt Ion: 70 Resp: 57441

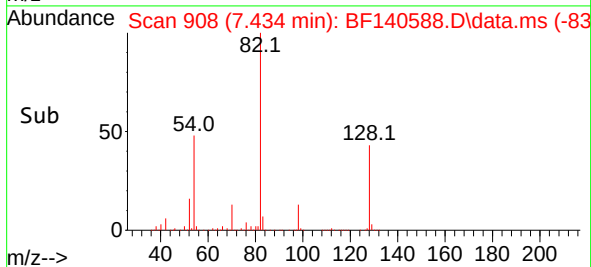
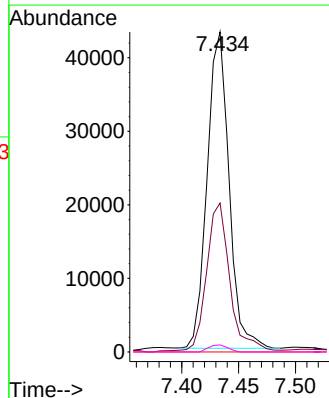
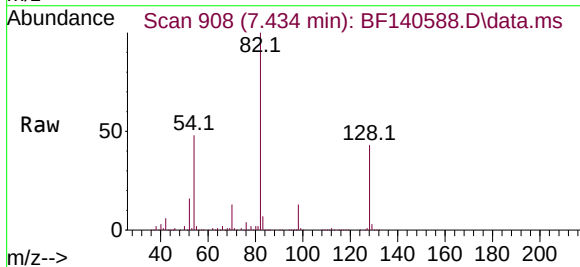
Ion Ratio Lower Upper

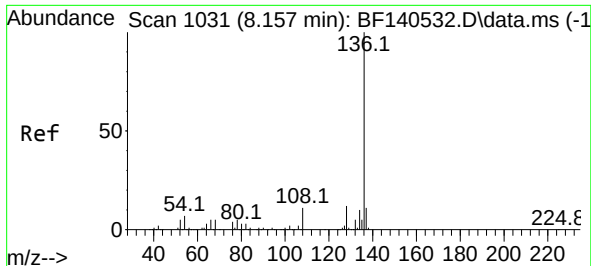
70 100

42 46.6 47.6 71.4#

101 0.0 7.6 11.4#

130 2.2 16.2 24.4#



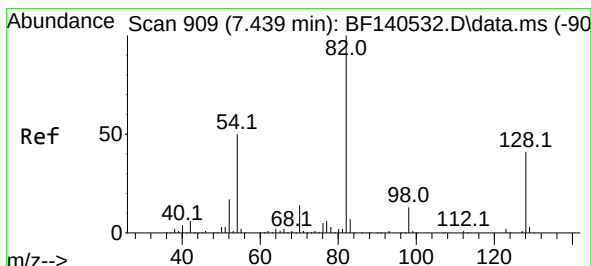
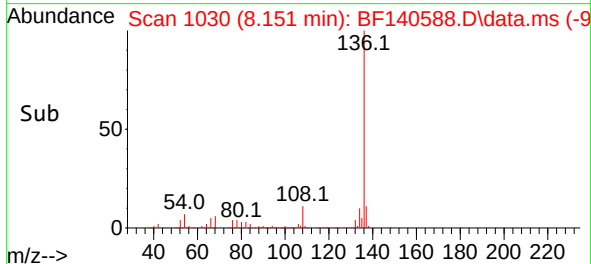
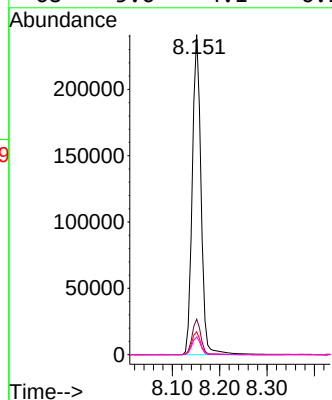
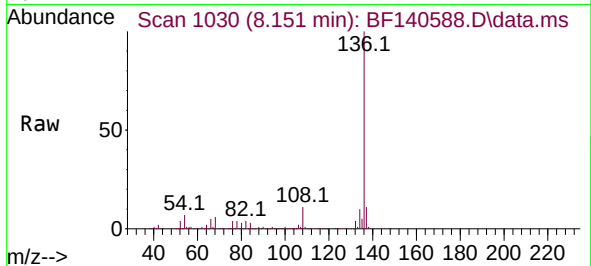


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140588.D
Acq: 22 Nov 2024 19:53

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-001

Tgt Ion:136 Resp: 309675

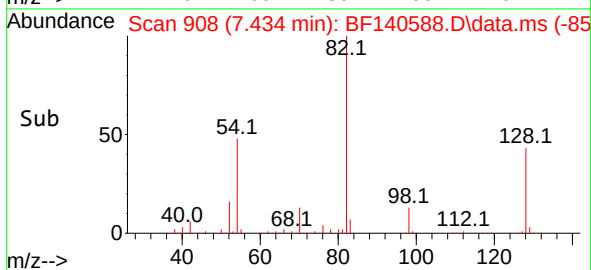
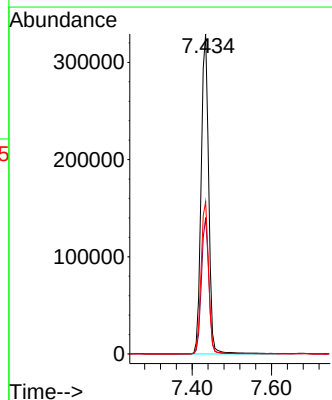
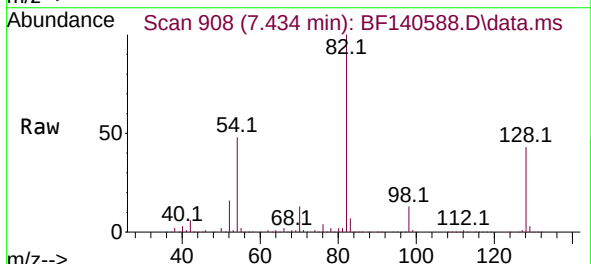
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.2	5.8	8.8
68	5.6	4.1	6.1

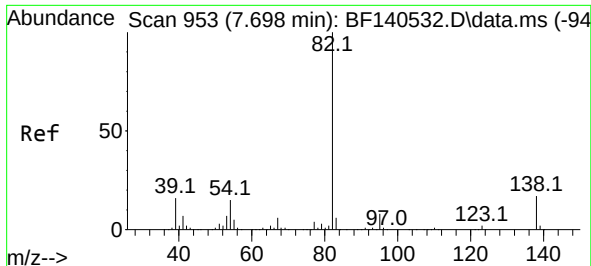


#23
Nitrobenzene-d5
Concen: 71.770 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140588.D
Acq: 22 Nov 2024 19:53

Tgt Ion: 82 Resp: 434510

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.0	49.4
54	47.6	39.5	59.3

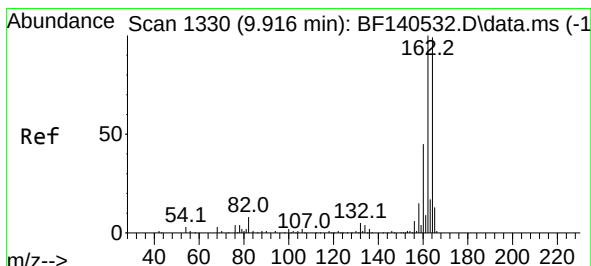
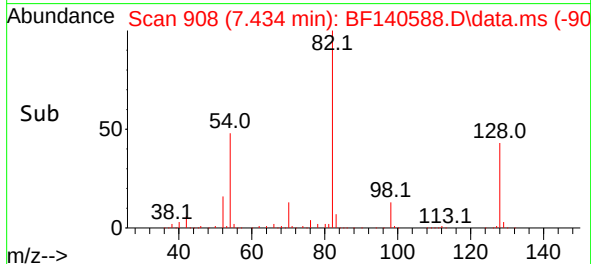
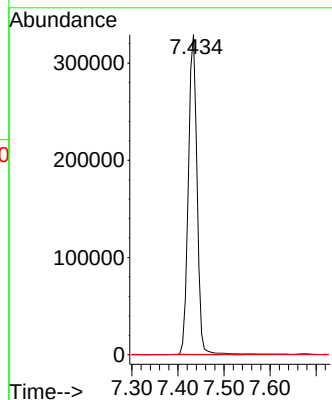
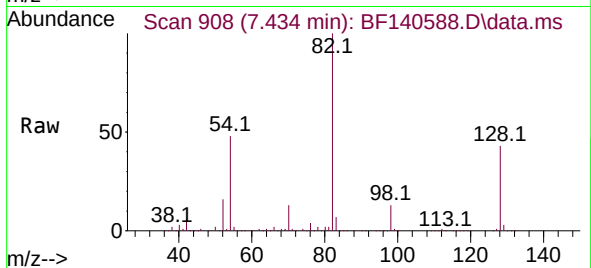




#25
Isophorone
Concen: 42.363 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140588.D
Acq: 22 Nov 2024 19:53

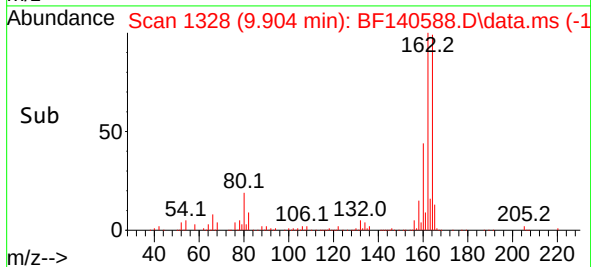
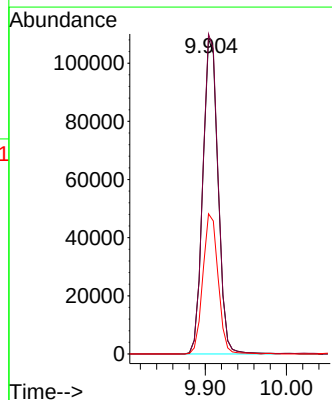
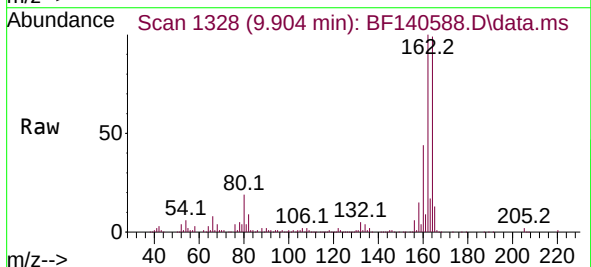
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-001

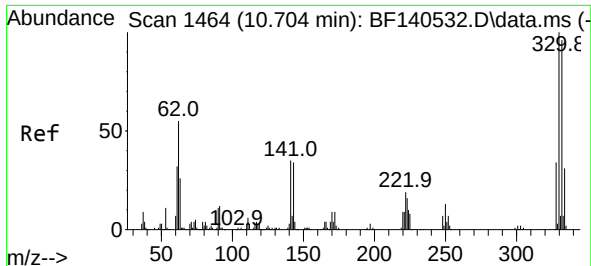
Tgt Ion: 82 Resp: 427784
Ion Ratio Lower Upper
82 100
95 0.1 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140588.D
Acq: 22 Nov 2024 19:53

Tgt Ion:164 Resp: 141425
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 44.4 36.2 54.4

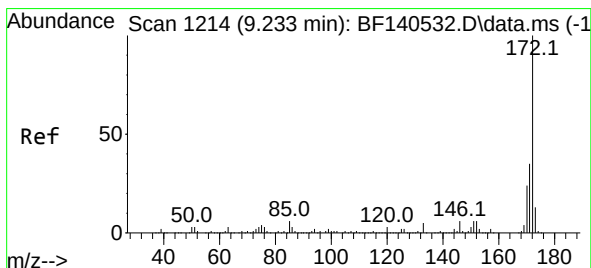
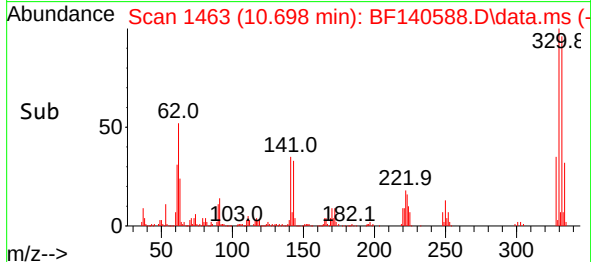
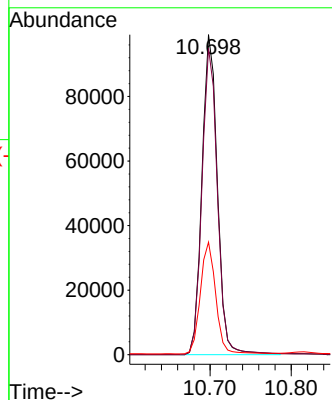
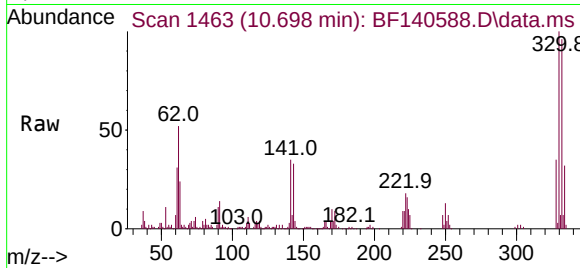




#42
2,4,6-Tribromophenol
Concen: 86.722 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140588.D
Acq: 22 Nov 2024 19:53

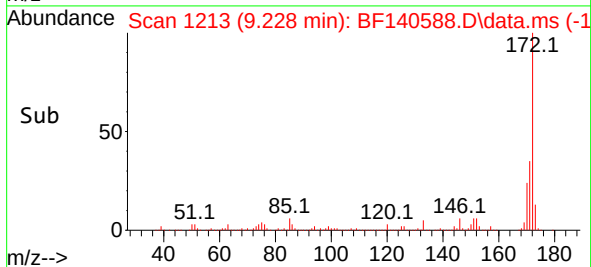
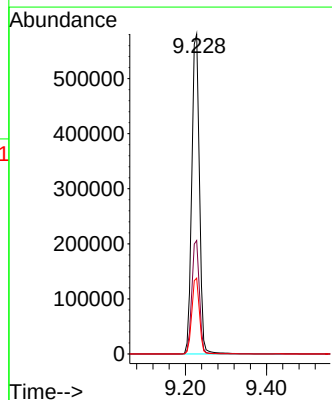
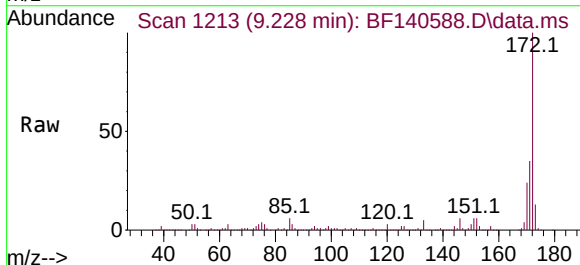
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ClientSampleId :
PH2-BOT-001

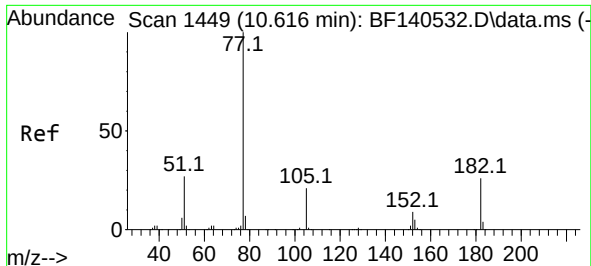
Tgt Ion:330 Resp: 131171
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 34.7 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 79.914 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140588.D
Acq: 22 Nov 2024 19:53

Tgt Ion:172 Resp: 758546
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.7 19.0 28.6

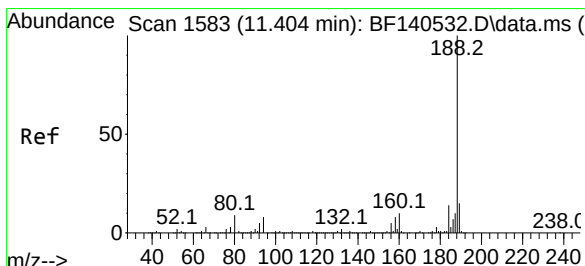
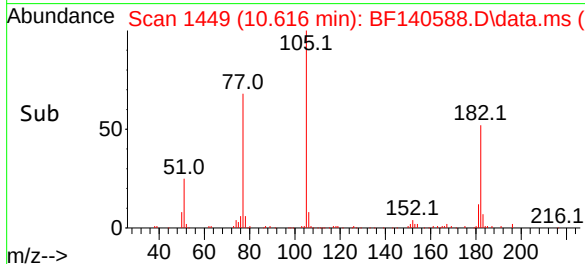
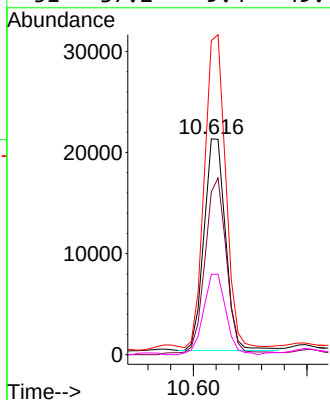
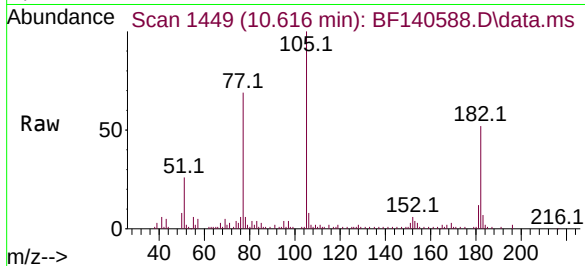




#63
Azobenzene
Concen: 3.082 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140588.D
Acq: 22 Nov 2024 19:53

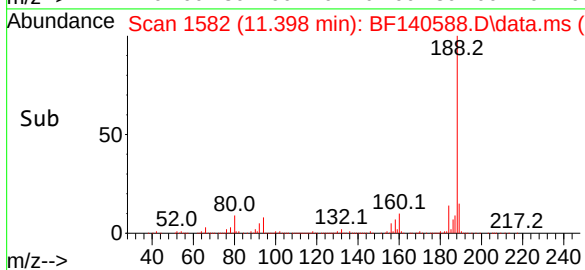
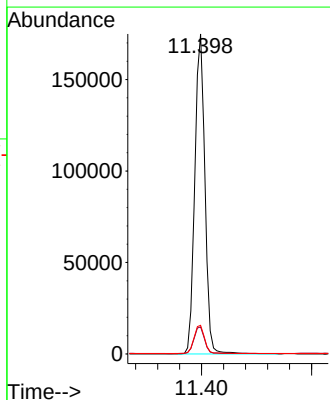
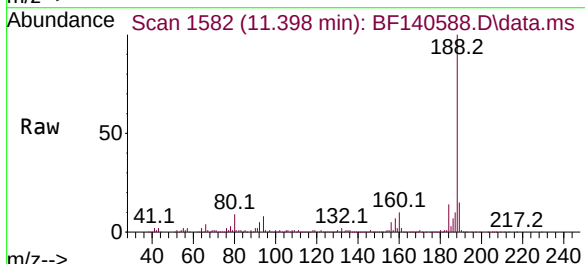
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-001

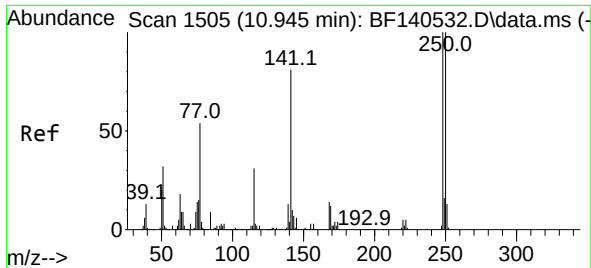
Tgt Ion: 77	Resp: 27618
Ion Ratio	Lower Upper
77 100	
182 75.4	5.3 45.3#
105 145.5	0.3 40.3#
51 37.2	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140588.D
Acq: 22 Nov 2024 19:53

Tgt Ion: 188	Resp: 223631
Ion Ratio	Lower Upper
188 100	
94 8.4	6.4 9.6
80 9.0	6.9 10.3

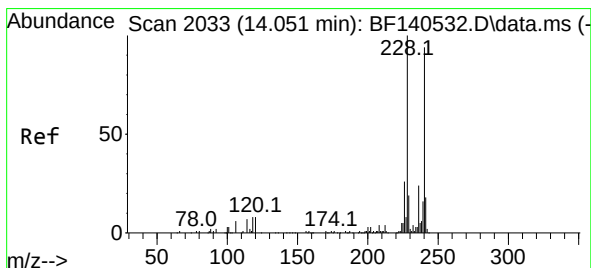
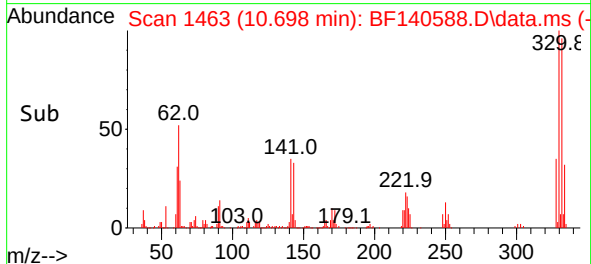
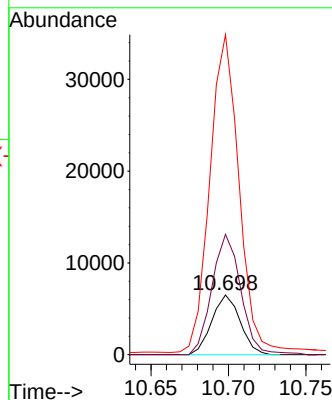
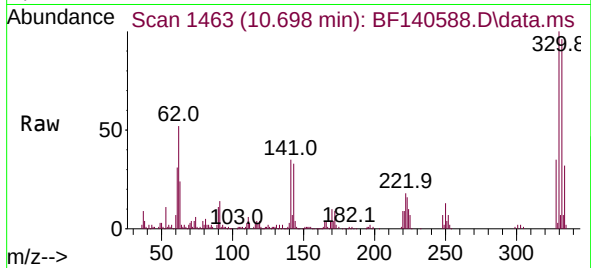




#67
4-Bromophenyl-phenylether
Concen: 3.591 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140588.D
Acq: 22 Nov 2024 19:53

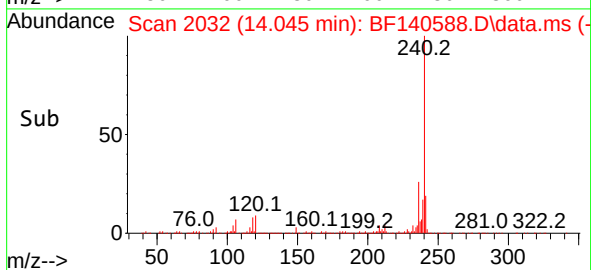
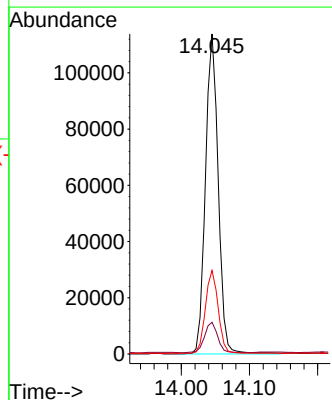
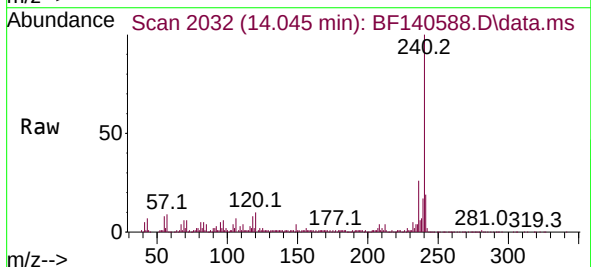
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-001

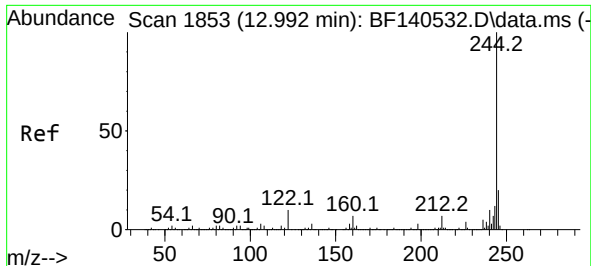
Tgt Ion:248 Resp: 8271
Ion Ratio Lower Upper
248 100
250 201.7 79.8 119.8#
141 536.7 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140588.D
Acq: 22 Nov 2024 19:53

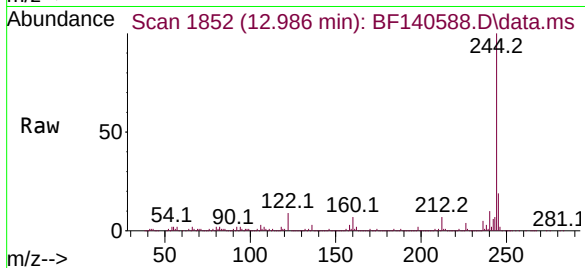
Tgt Ion:240 Resp: 148537
Ion Ratio Lower Upper
240 100
120 9.9 7.3 10.9
236 26.1 20.6 31.0



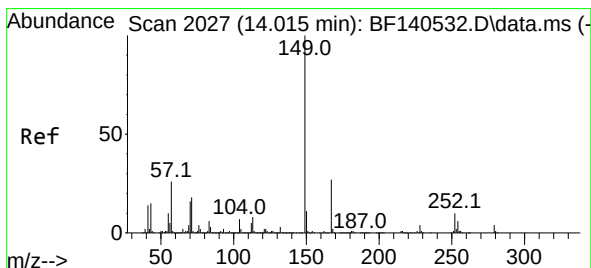
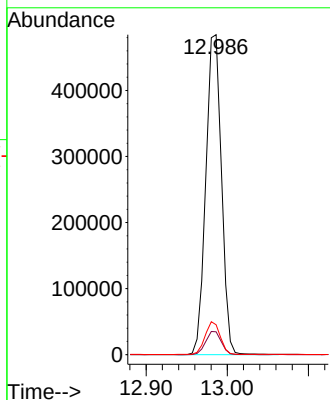
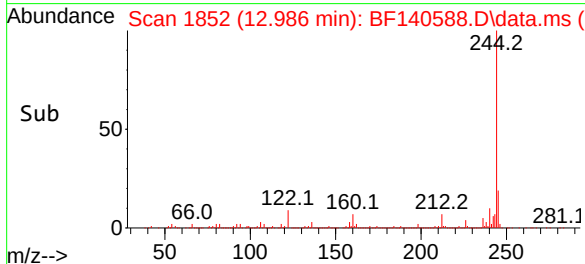


#79
 Terphenyl-d14
 Concen: 67.887 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140588.D
 Acq: 22 Nov 2024 19:53

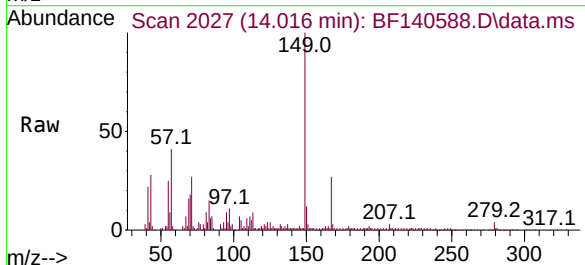
Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-001



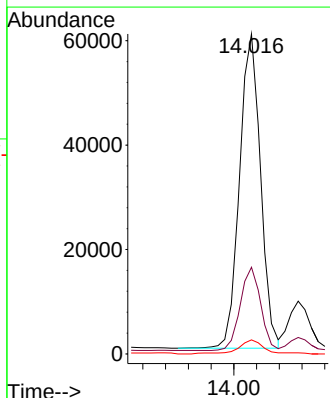
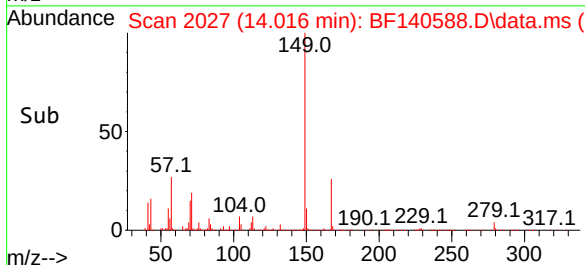
Tgt Ion:244 Resp: 647587
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.4 8.0 12.0

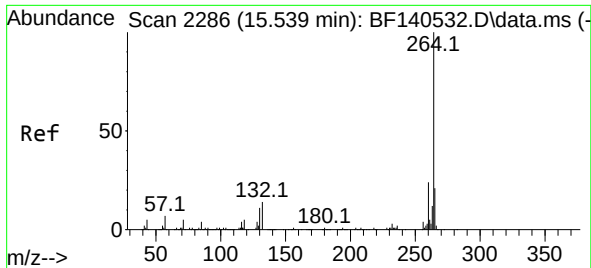


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 12.334 ng
 RT: 14.016 min Scan# 2027
 Delta R.T. 0.000 min
 Lab File: BF140588.D
 Acq: 22 Nov 2024 19:53



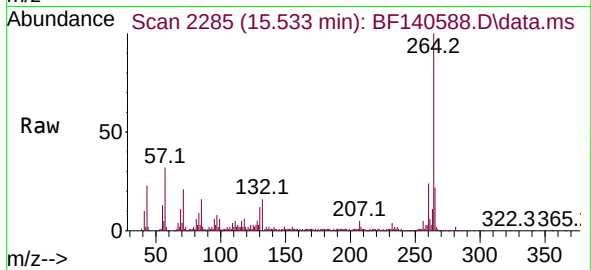
Tgt Ion:149 Resp: 77057
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.2 31.8
 279 4.4 3.2 4.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140588.D
Acq: 22 Nov 2024 19:53

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-001



Tgt Ion:	264	Resp:	113324
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.7	16.6	25.0

