

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140386.D
 Acq On : 15 Nov 2024 01:49
 Operator : RC/JU
 Sample : P4807-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Nov 15 02:38:22 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)

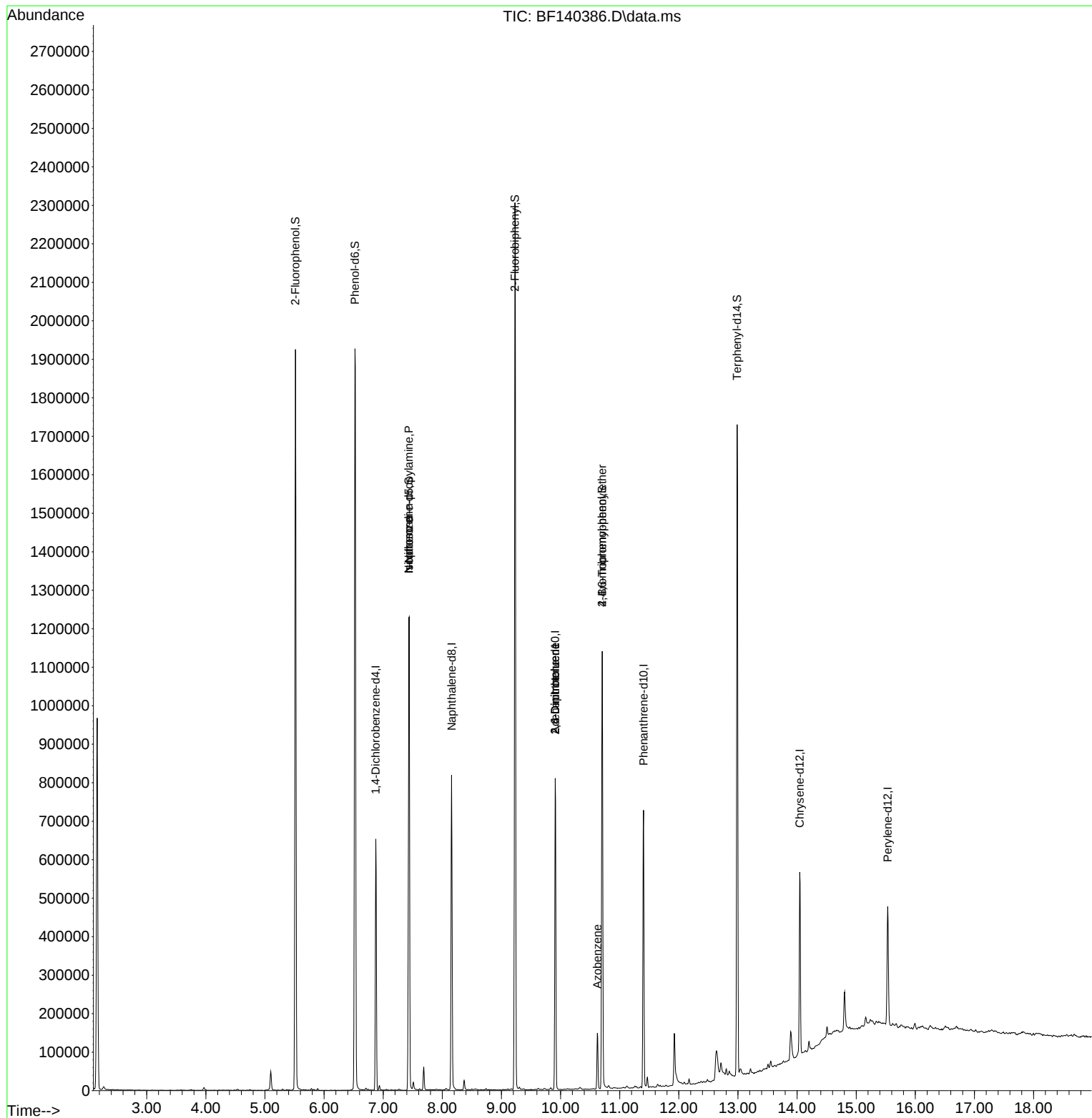
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	136398	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	496969	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	240663	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	384495	20.000	ng	0.00
76) Chrysene-d12	14.045	240	226109	20.000	ng	0.00
86) Perylene-d12	15.533	264	182742	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	704602	88.200	ng	0.02
7) Phenol-d6	6.522	99	933993	86.294	ng	0.02
23) Nitrobenzene-d5	7.433	82	594284	62.305	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	184229	76.980	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1029379	68.759	ng	0.00
79) Terphenyl-d14	12.986	244	814627	62.537	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	80094	12.253	ng	# 78
25) Isophorone	7.433	82	587153	34.733	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	30726	8.592	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	30726	6.528	ng	# 20
63) Azobenzene	10.622	77	38287	2.416	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	11788	3.067	ng	# 1

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

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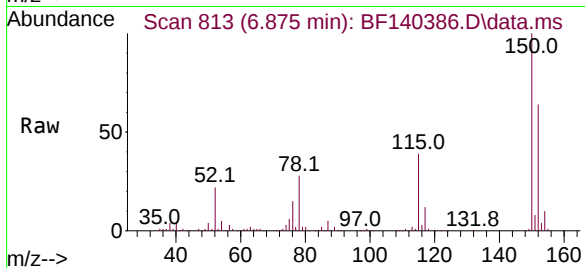
Quant Time: Nov 15 02:38:22 2024
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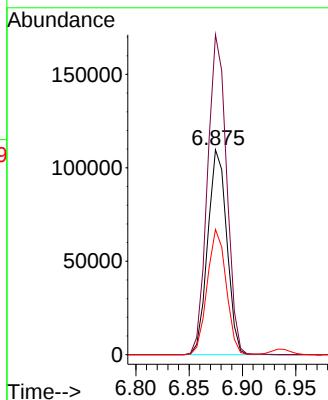
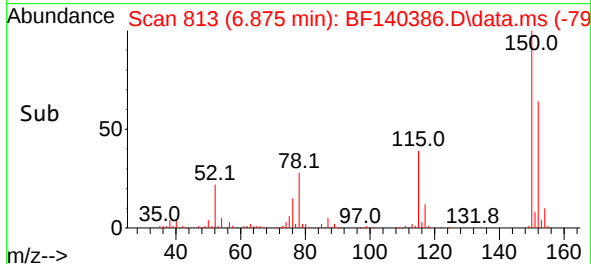


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

Instrument :
BNA_F
ClientSampleId :
TP-7

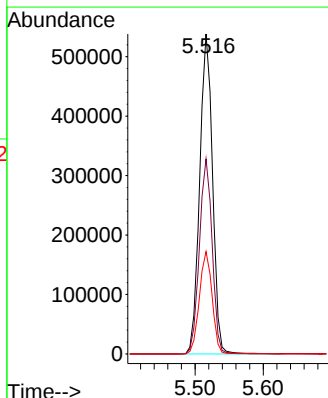
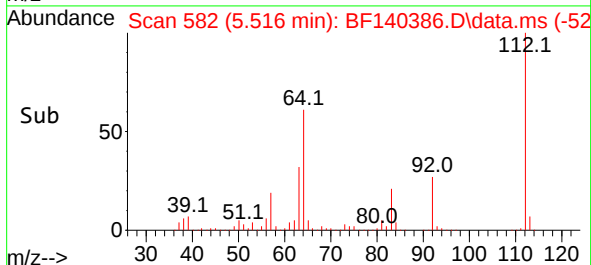
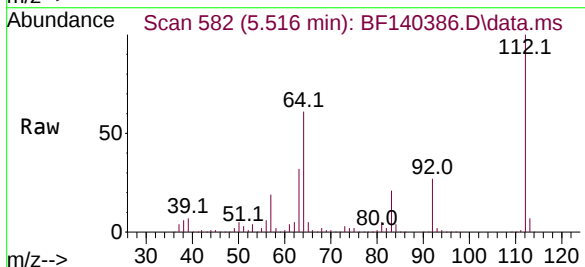


Tgt Ion:152 Resp: 136398
Ion Ratio Lower Upper
152 100
150 156.1 127.4 191.0
115 61.2 47.4 71.2



#5
2-Fluorophenol
Concen: 88.200 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

Tgt Ion:112 Resp: 704602
Ion Ratio Lower Upper
112 100
64 60.9 49.2 73.8
63 32.0 25.6 38.4





#7
Phenol-d6
Concen: 86.294 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.017 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

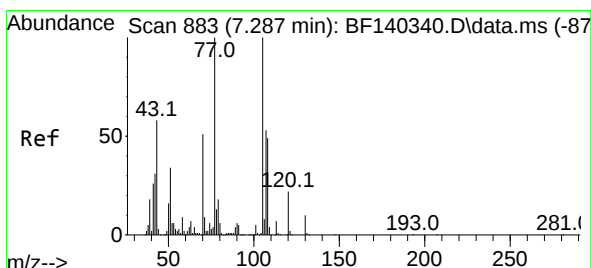
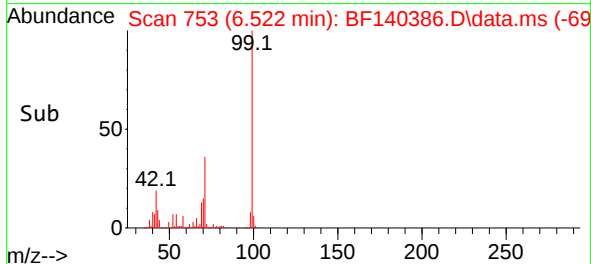
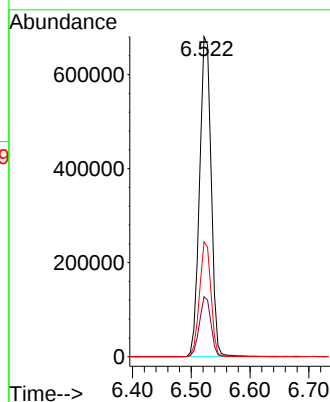
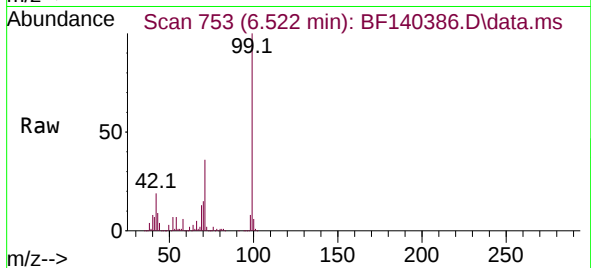
Instrument :

BNA_F

ClientSampleId :

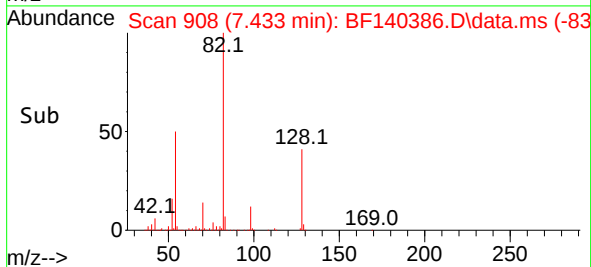
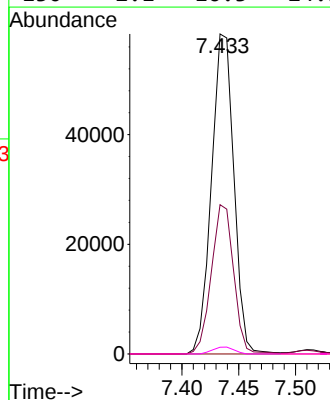
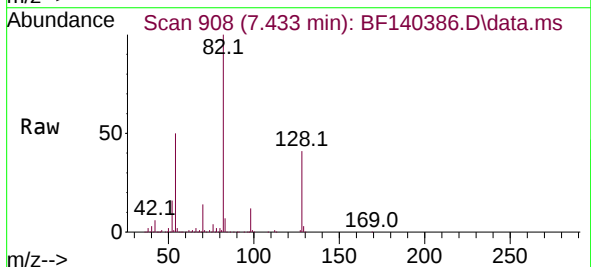
TP-7

Tgt Ion: 99 Resp: 933993
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 35.9 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.253 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

Tgt Ion: 70 Resp: 80094
Ion Ratio Lower Upper
70 100
42 46.6 46.8 70.2#
101 0.0 7.5 11.3#
130 2.1 16.3 24.5#



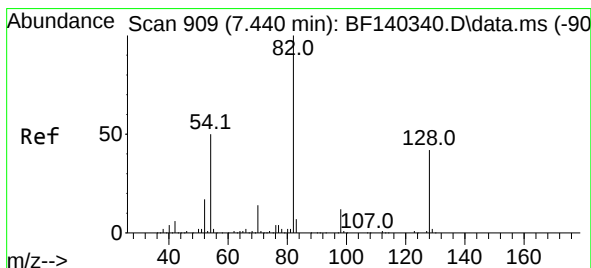
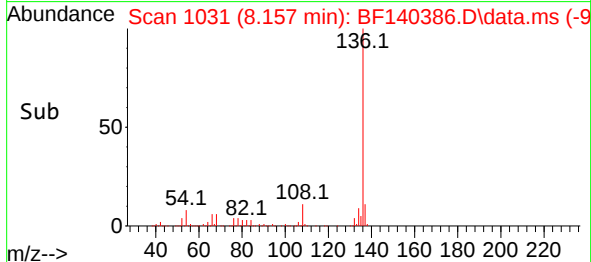
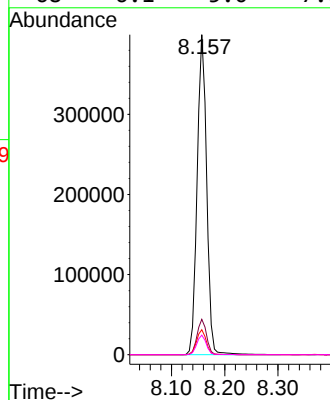
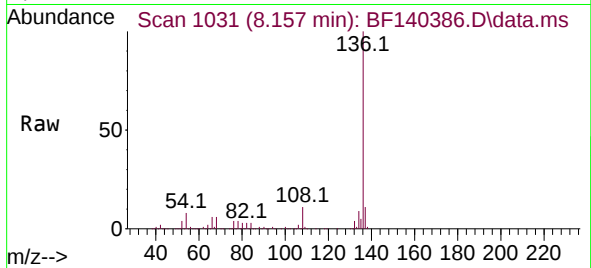


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:136 Resp: 496969

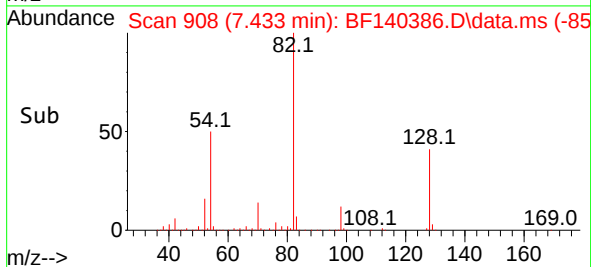
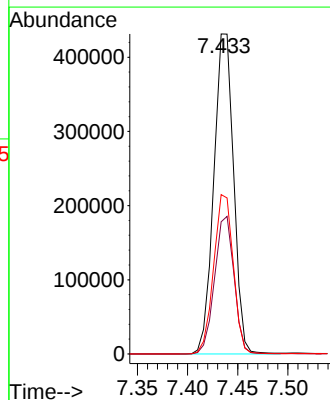
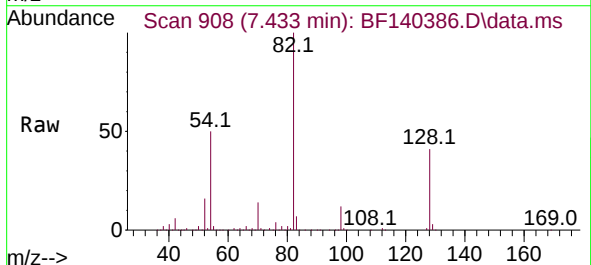
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.8	6.5	9.7
68	6.1	5.0	7.6

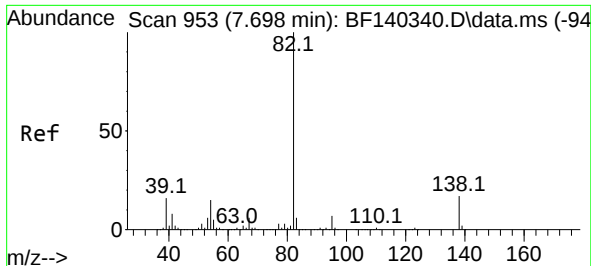


#23
Nitrobenzene-d5
Concen: 62.305 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

Tgt Ion: 82 Resp: 594284

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.3	49.9
54	49.8	39.8	59.8

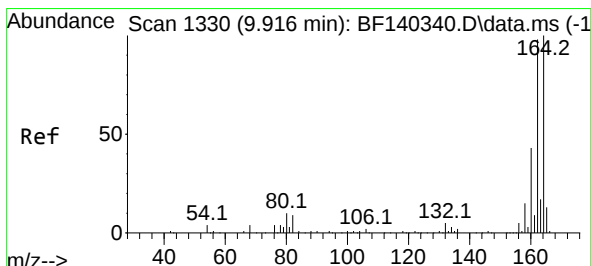
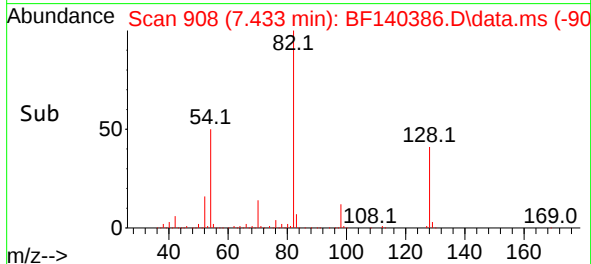
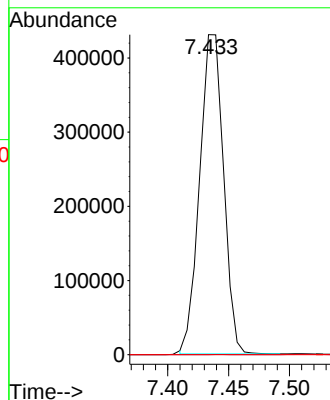
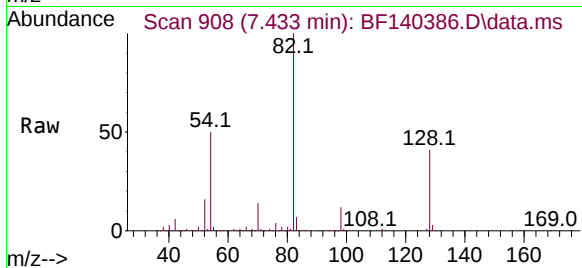




#25
Isophorone
Concen: 34.733 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

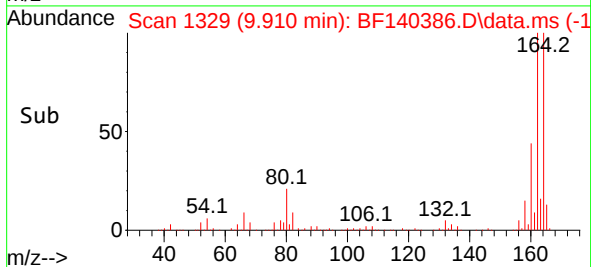
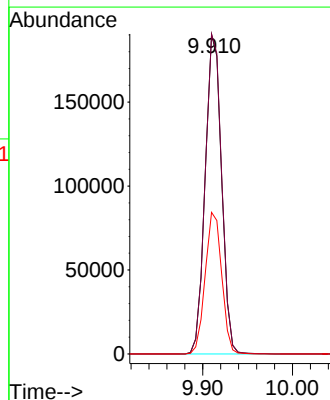
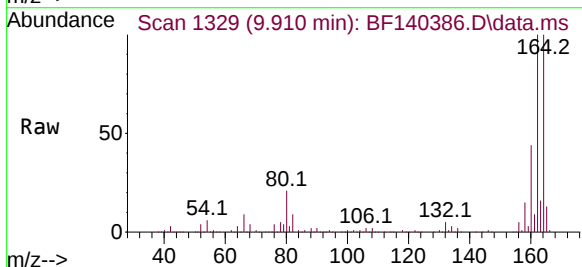
Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion: 82 Resp: 587153
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: BF140386.D
Acq: 15 Nov 2024 01:49

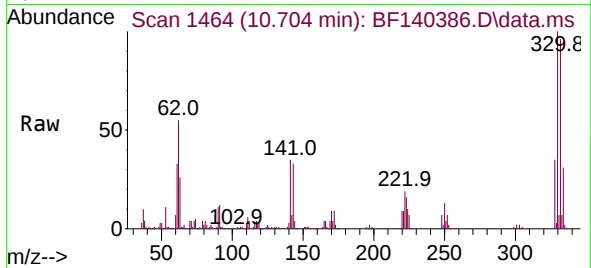
Tgt Ion:164 Resp: 240663
Ion Ratio Lower Upper
164 100
162 100.2 79.8 119.8
160 44.4 35.4 53.0



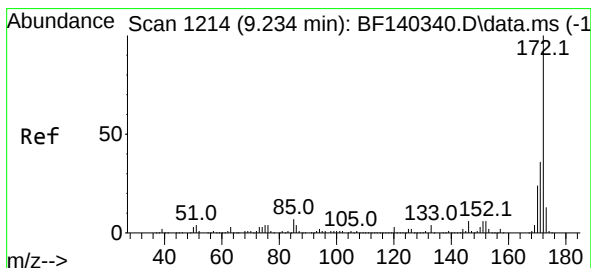
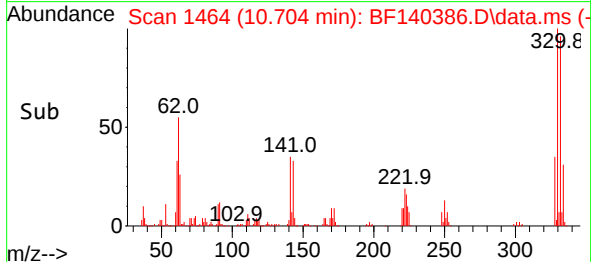
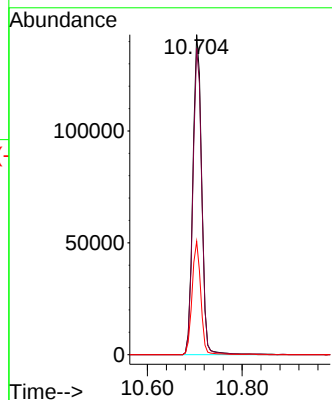


#42
2,4,6-Tribromophenol
Concen: 76.980 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

Instrument :
BNA_F
ClientSampleId :
TP-7

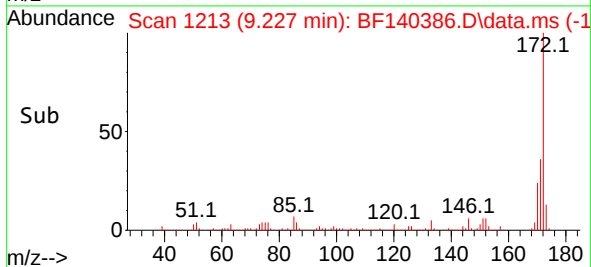
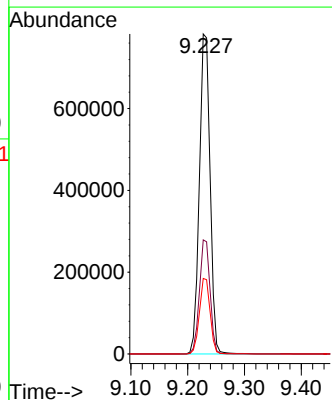
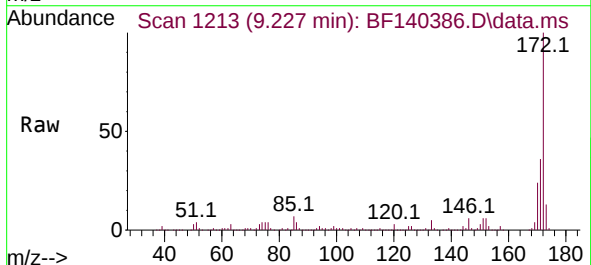


Tgt Ion:330 Resp: 184229
Ion Ratio Lower Upper
330 100
332 95.7 75.9 113.9
141 34.9 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 68.759 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

Tgt Ion:172 Resp: 1029379
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.592 ng

RT: 9.910 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF140386.D

Acq: 15 Nov 2024 01:49

Instrument :

BNA_F

ClientSampleId :

TP-7

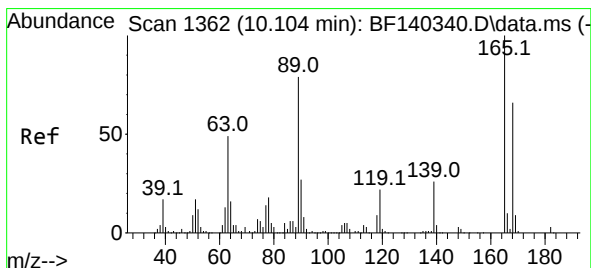
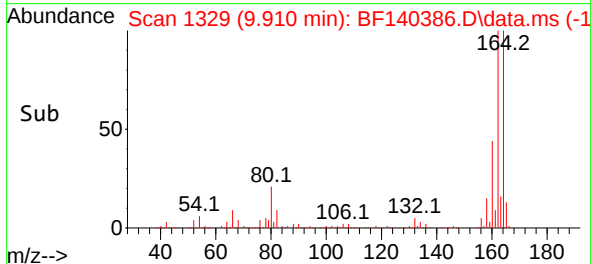
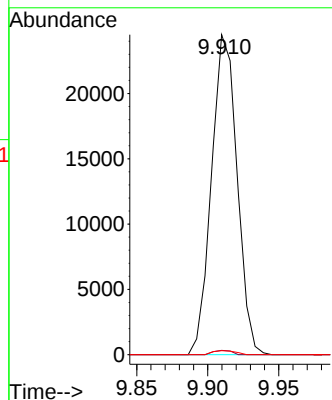
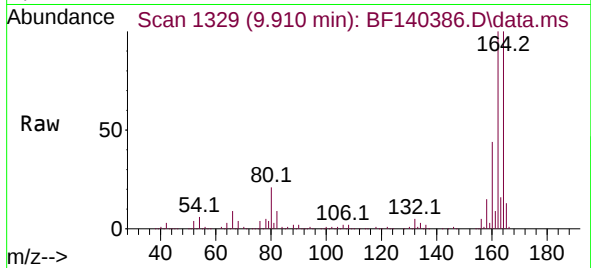
Tgt Ion:165 Resp: 30726

Ion Ratio Lower Upper

165 100

63 1.4 47.6 71.4#

89 1.3 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.528 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.194 min

Lab File: BF140386.D

Acq: 15 Nov 2024 01:49

Tgt Ion:165 Resp: 30726

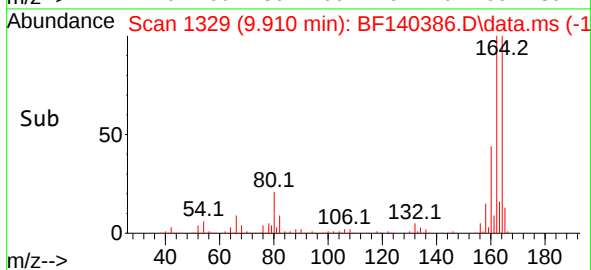
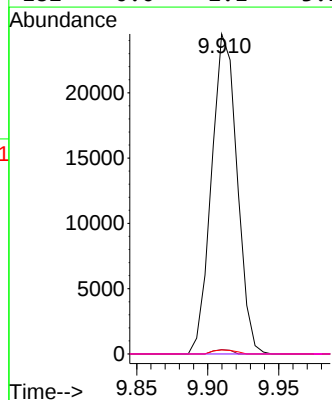
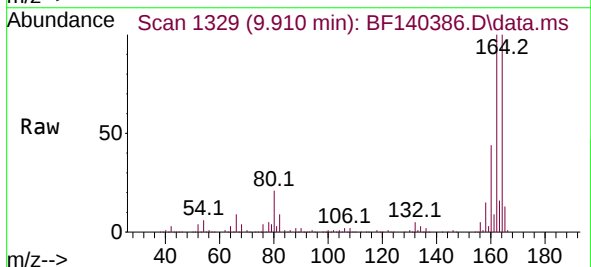
Ion Ratio Lower Upper

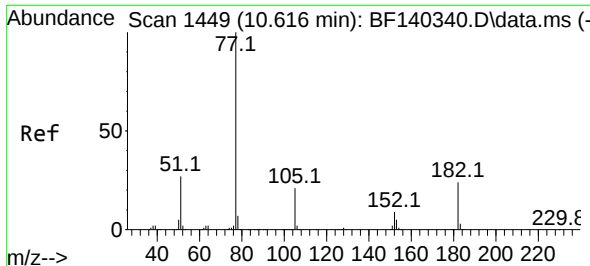
165 100

63 1.4 39.4 59.0#

89 1.3 62.4 93.6#

182 0.0 2.1 3.1#

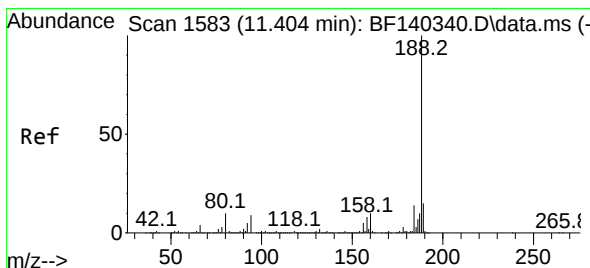
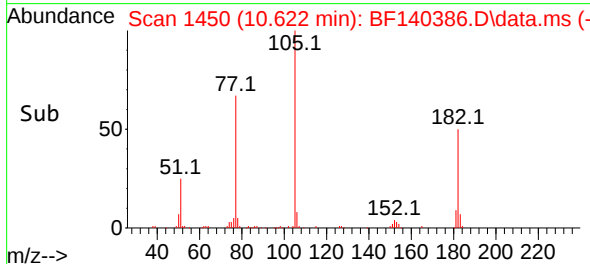
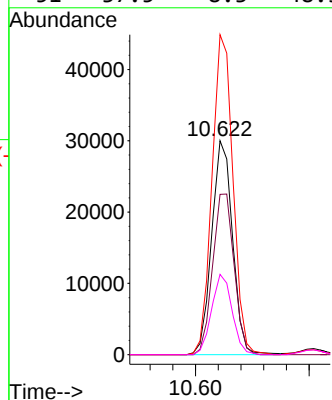
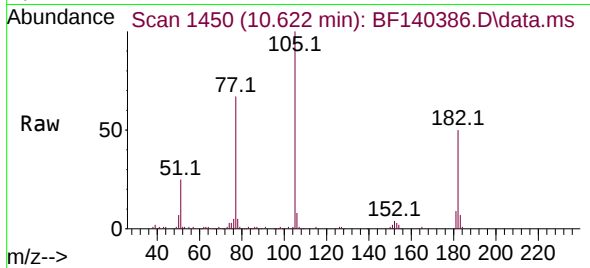




#63
Azobenzene
Concen: 2.416 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

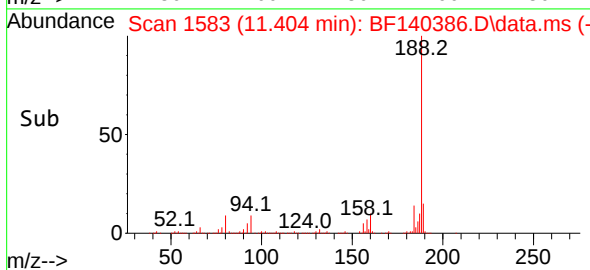
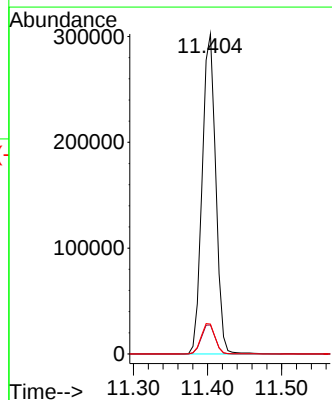
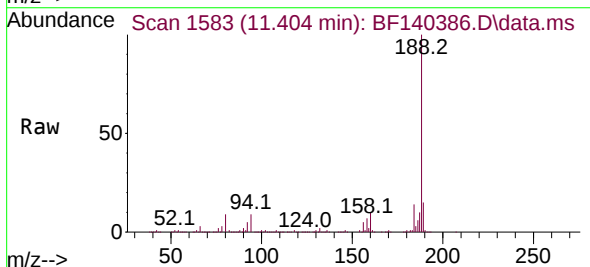
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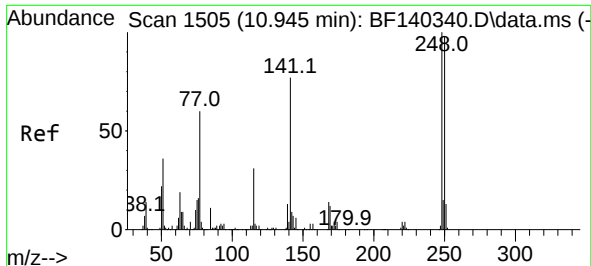
Tgt Ion: 77	Resp: 38287
Ion Ratio	Lower Upper
77	100
182	74.9 4.6 44.6#
105	149.5 0.9 40.9#
51	37.5 8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

Tgt Ion: 188	Resp: 384495
Ion Ratio	Lower Upper
188	100
94	9.0 7.6 11.4
80	9.4 8.0 12.0

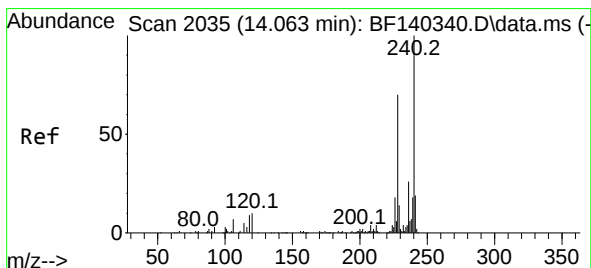
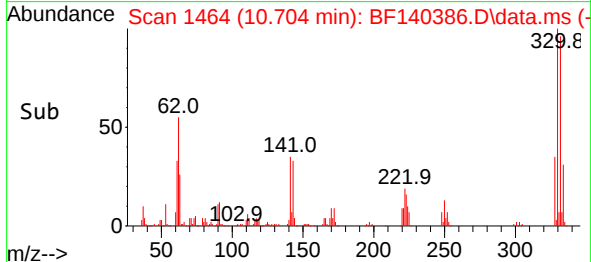
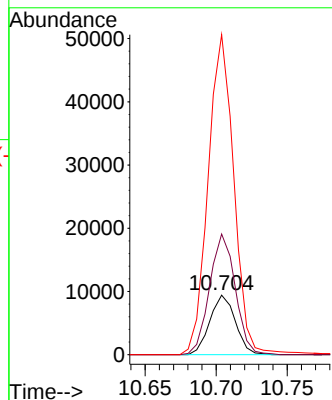
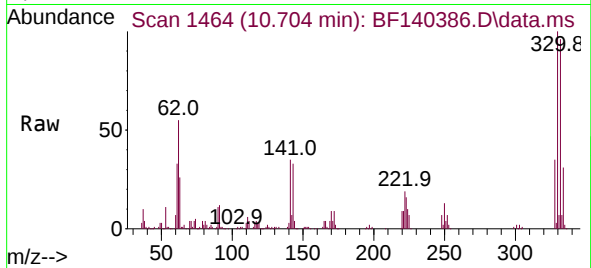




#67
4-Bromophenyl-phenylether
Concen: 3.067 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

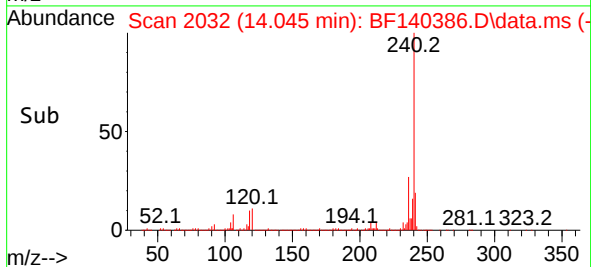
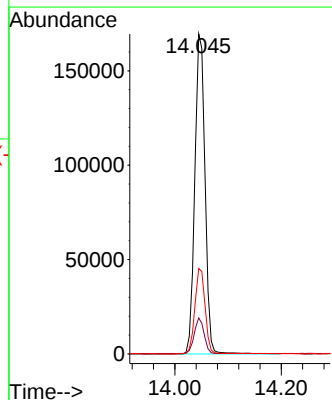
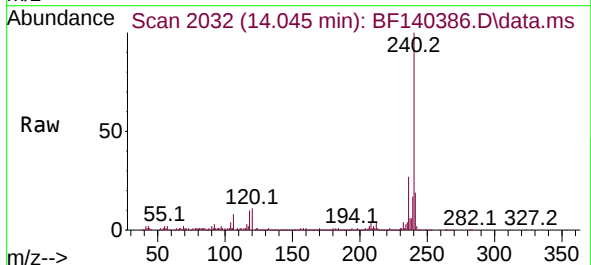
Instrument :
BNA_F
ClientSampleId :
TP-7

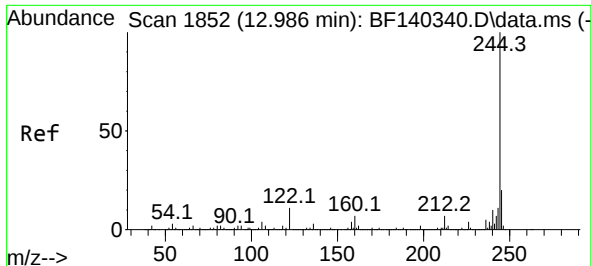
Tgt Ion:248 Resp: 11788
Ion Ratio Lower Upper
248 100
250 202.3 77.9 116.9#
141 537.0 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

Tgt Ion:240 Resp: 226109
Ion Ratio Lower Upper
240 100
120 11.2 8.8 13.2
236 26.7 20.9 31.3

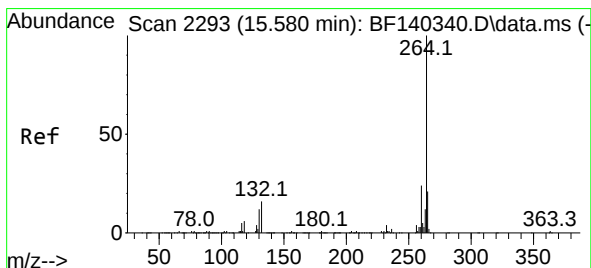
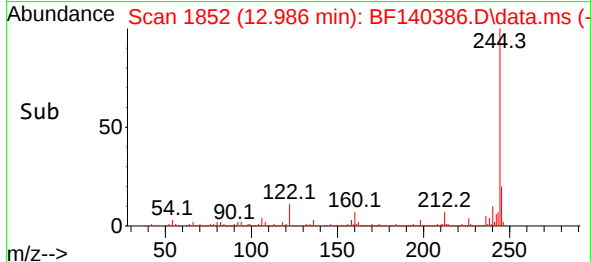
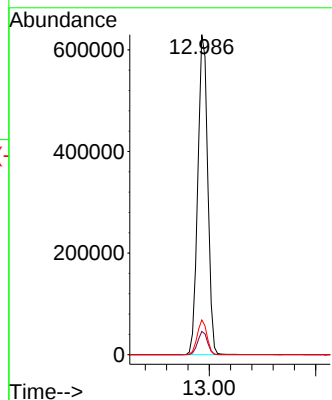
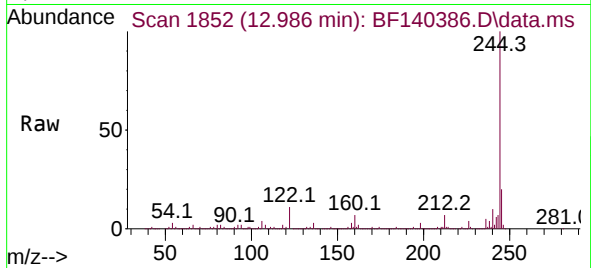




#79
 Terphenyl-d14
 Concen: 62.537 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140386.D
 Acq: 15 Nov 2024 01:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tgt Ion:244 Resp: 814627
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.024 min
 Lab File: BF140386.D
 Acq: 15 Nov 2024 01:49

Tgt Ion:264 Resp: 182742
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.6 17.1 25.7

