

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142840.D
 Acq On : 25 Jun 2025 16:32
 Operator : RC/JU
 Sample : Q2393-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PARK AVE -1

Quant Time: Jun 25 16:52:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

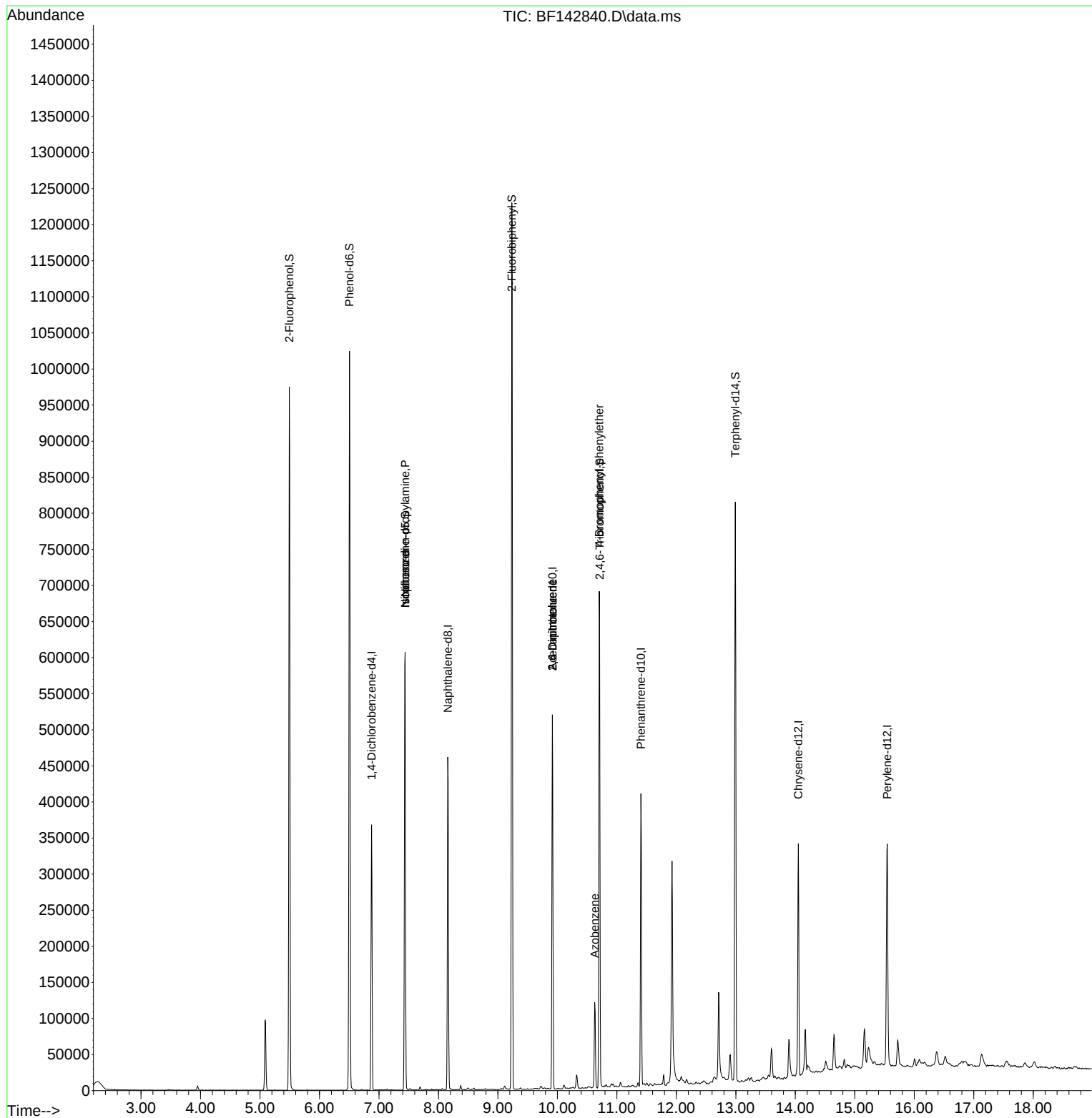
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	78743	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	299716	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	152673	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	208414	20.000	ng	0.00
76) Chrysene-d12	14.051	240	153326	20.000	ng	0.00
86) Perylene-d12	15.545	264	177028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	370364	78.309	ng	0.00
7) Phenol-d6	6.504	99	470207	84.268	ng	0.00
23) Nitrobenzene-d5	7.439	82	265474	48.584	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	116049	73.864	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	541959	46.633	ng	-0.01
79) Terphenyl-d14	12.992	244	379288	34.180	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	35373	10.900	ng	# 76
25) Isophorone	7.439	82	265508	30.290	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	19401	8.939	ng	# 27
57) 2,4-Dinitrotoluene	9.916	165	19401	6.730	ng	# 28
63) Azobenzene	10.627	77	28163	3.252	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	7437	3.135	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142840.D
Acq On : 25 Jun 2025 16:32
Operator : RC/JU
Sample : Q2393-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PARK AVE -1

Quant Time: Jun 25 16:52:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

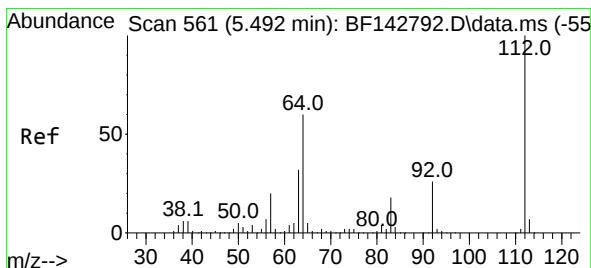
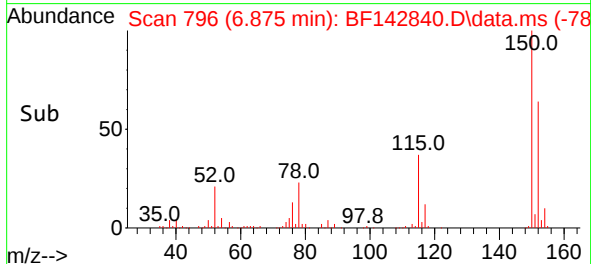
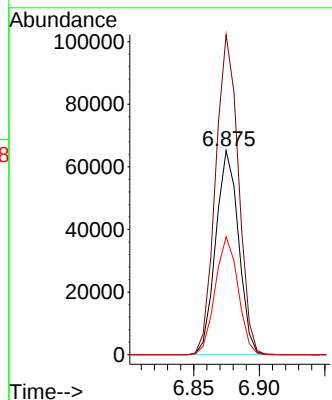
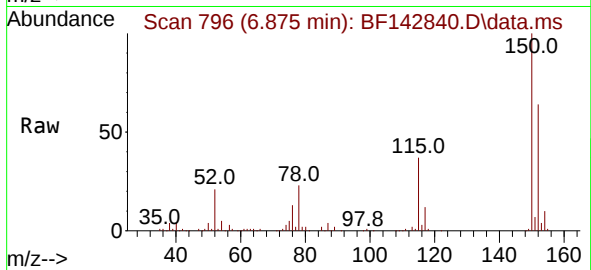




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142840.D
Acq: 25 Jun 2025 16:32

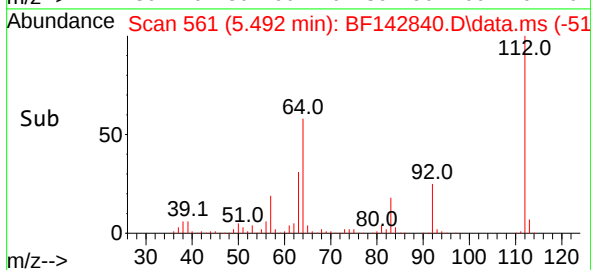
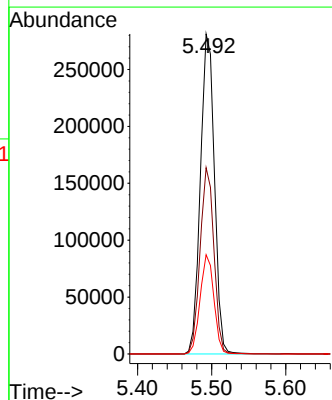
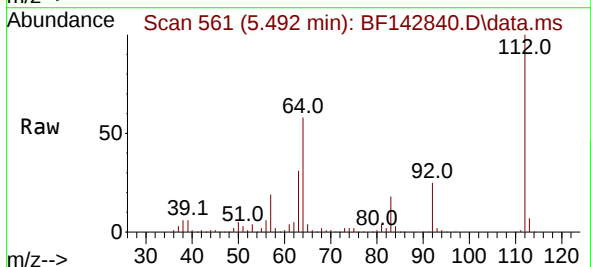
Instrument :
BNA_F
ClientSampleId :
PARK AVE -1

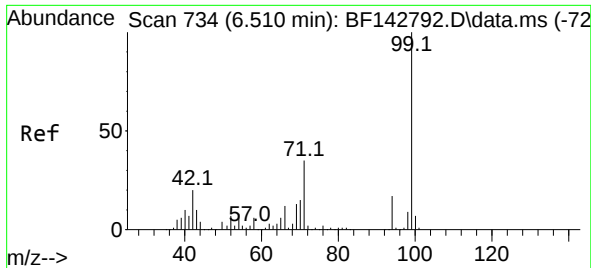
Tgt Ion:152 Resp: 78743
Ion Ratio Lower Upper
152 100
150 156.9 127.2 190.8
115 57.8 46.6 69.8



#5
2-Fluorophenol
Concen: 78.309 ng
RT: 5.492 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF142840.D
Acq: 25 Jun 2025 16:32

Tgt Ion:112 Resp: 370364
Ion Ratio Lower Upper
112 100
64 58.2 48.2 72.2
63 31.0 25.7 38.5

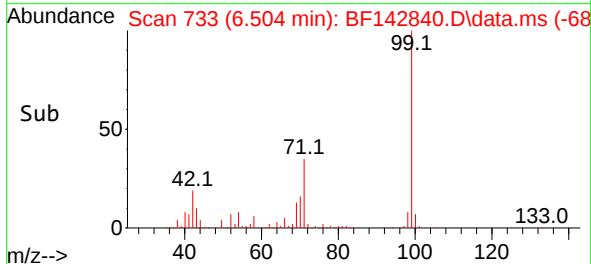
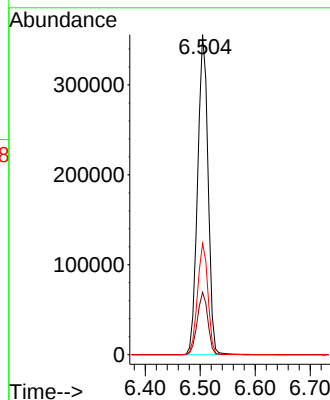
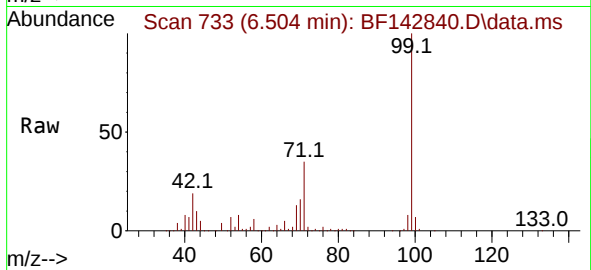




#7
Phenol-d6
Concen: 84.268 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142840.D
Acq: 25 Jun 2025 16:32

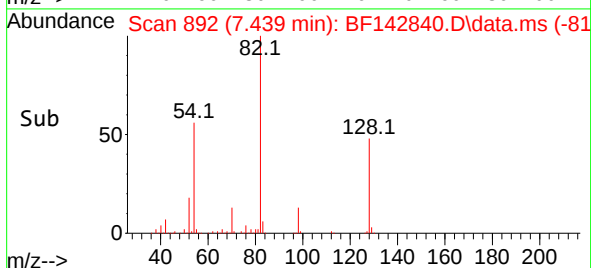
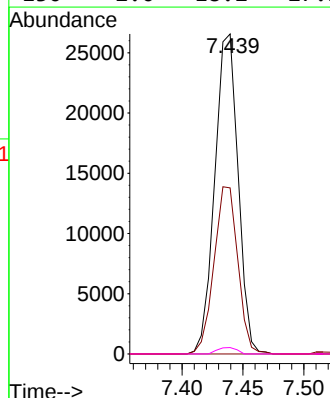
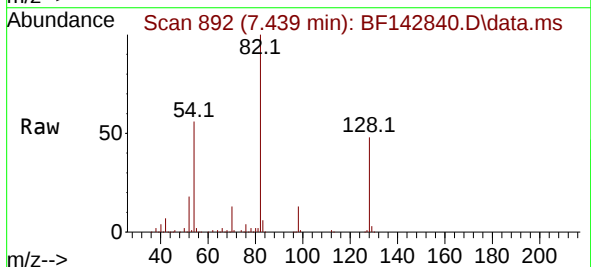
Instrument :
BNA_F
ClientSampleId :
PARK AVE -1

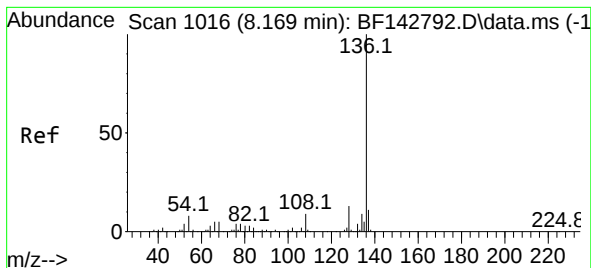
Tgt Ion: 99 Resp: 470207
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 34.8 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.900 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF142840.D
Acq: 25 Jun 2025 16:32

Tgt Ion: 70 Resp: 35373
Ion Ratio Lower Upper
70 100
42 51.9 52.1 78.1#
101 0.0 8.2 12.2#
130 2.0 18.2 27.2#

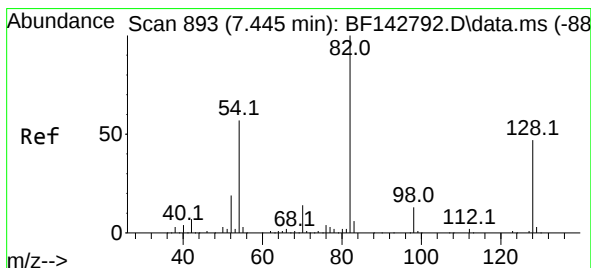
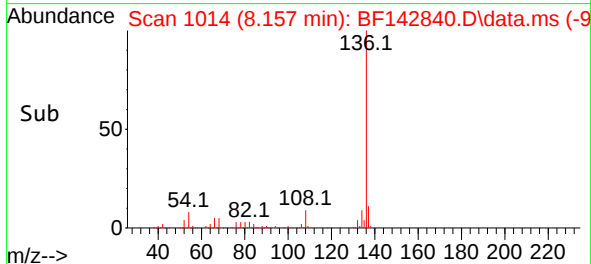
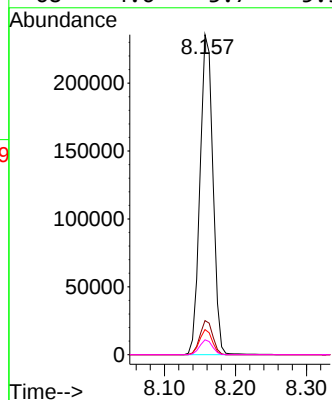
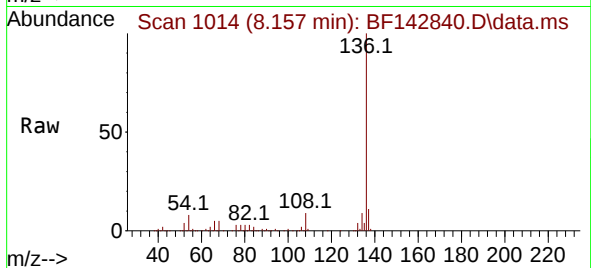




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142840.D
Acq: 25 Jun 2025 16:32

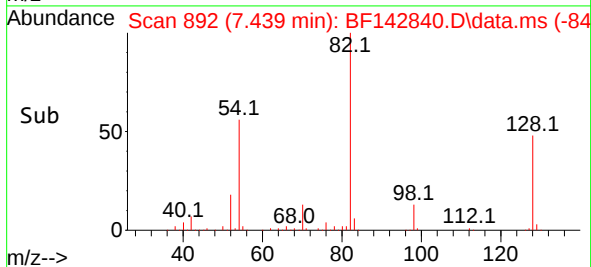
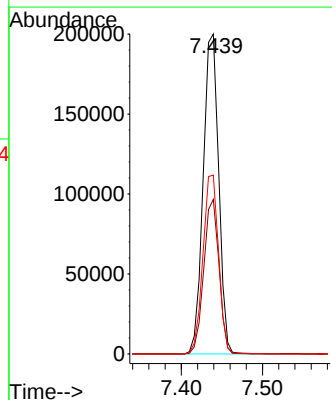
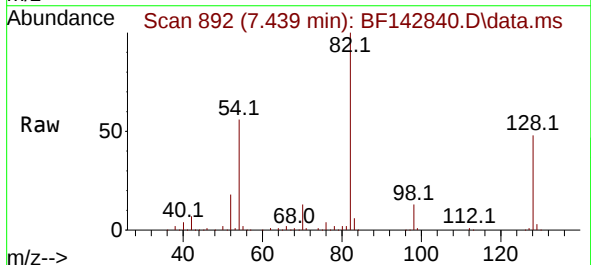
Instrument :
BNA_F
ClientSampleId :
PARK AVE -1

Tgt Ion:136 Resp: 299716
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.9 6.3 9.5
68 4.6 3.7 5.5



#23
Nitrobenzene-d5
Concen: 48.584 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF142840.D
Acq: 25 Jun 2025 16:32

Tgt Ion: 82 Resp: 265474
Ion Ratio Lower Upper
82 100
128 48.3 37.7 56.5
54 55.9 45.7 68.5

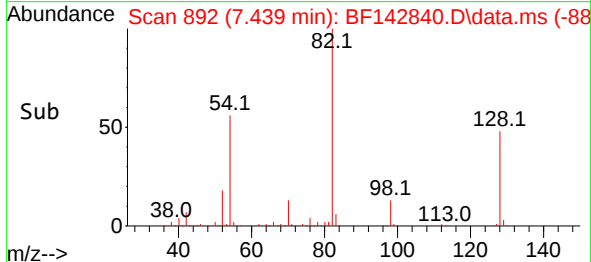
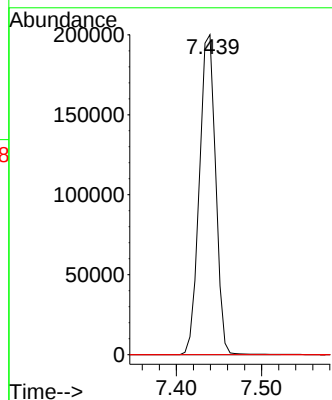
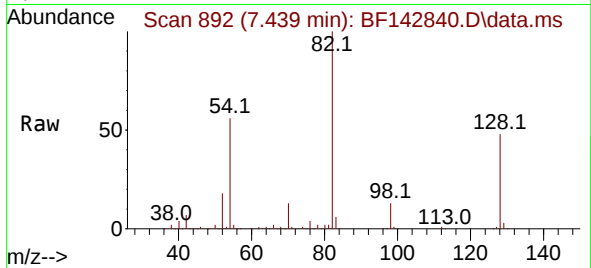




#25
Isophorone
Concen: 30.290 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF142840.D
Acq: 25 Jun 2025 16:32

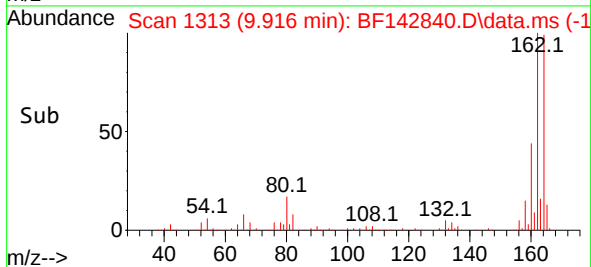
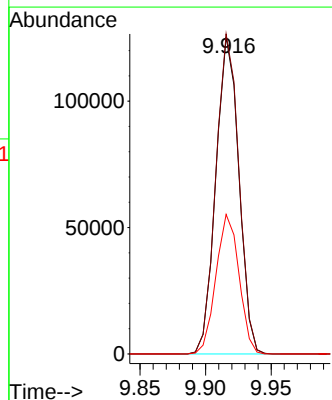
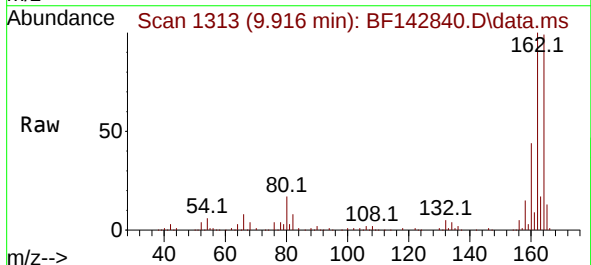
Instrument :
BNA_F
ClientSampleId :
PARK AVE -1

Tgt Ion: 82 Resp: 265508
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142840.D
Acq: 25 Jun 2025 16:32

Tgt Ion:164 Resp: 152673
Ion Ratio Lower Upper
164 100
162 101.0 81.8 122.8
160 44.0 36.0 54.0

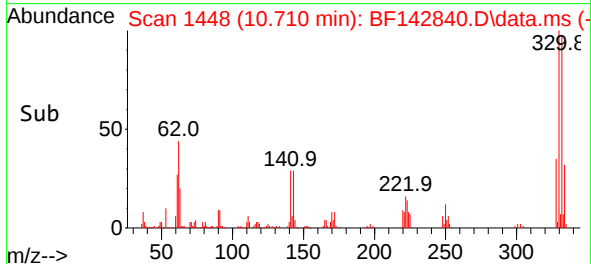
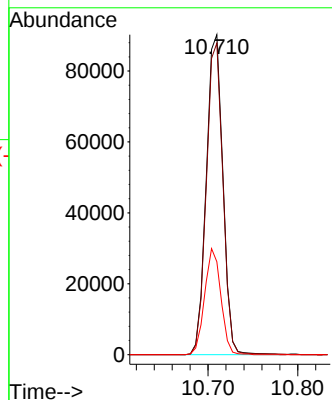
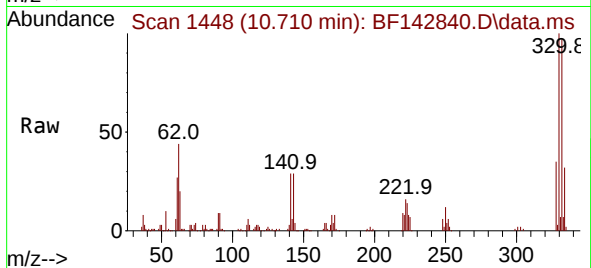




#42
2,4,6-Tribromophenol
Concen: 73.864 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142840.D
Acq: 25 Jun 2025 16:32

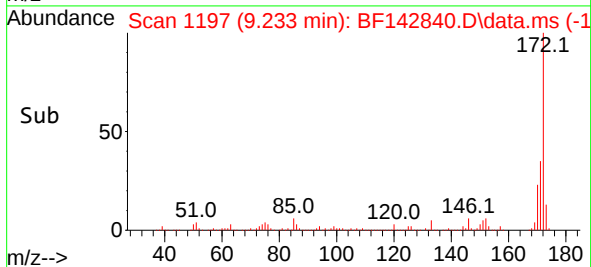
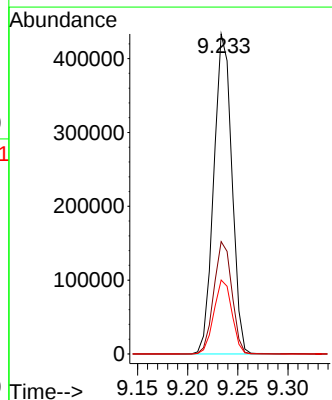
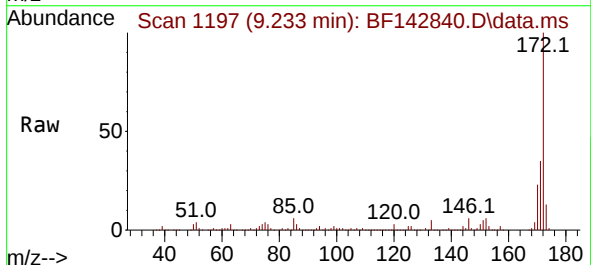
Instrument :
BNA_F
ClientSampleId :
PARK AVE -1

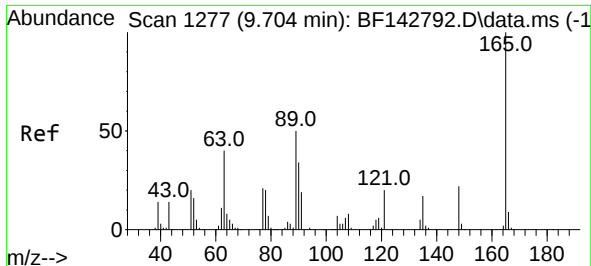
Tgt Ion:330 Resp: 116049
Ion Ratio Lower Upper
330 100
332 97.0 75.0 112.6
141 32.3 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 46.633 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142840.D
Acq: 25 Jun 2025 16:32

Tgt Ion:172 Resp: 541959
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.1 18.5 27.7

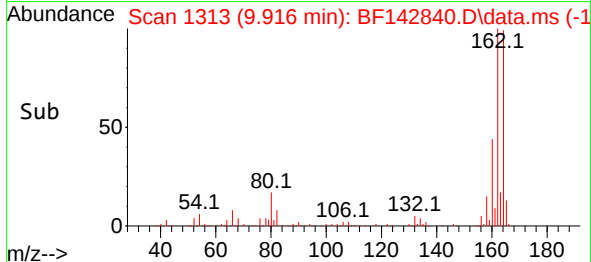
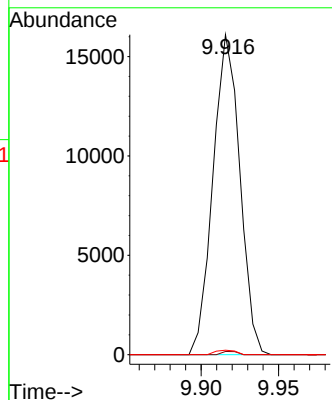
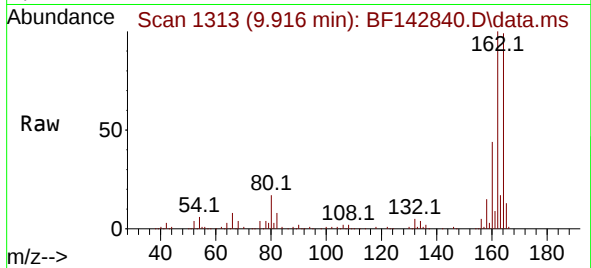




#51
2,6-Dinitrotoluene
Concen: 8.939 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142840.D
Acq: 25 Jun 2025 16:32

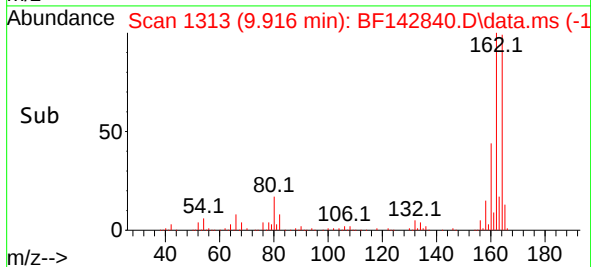
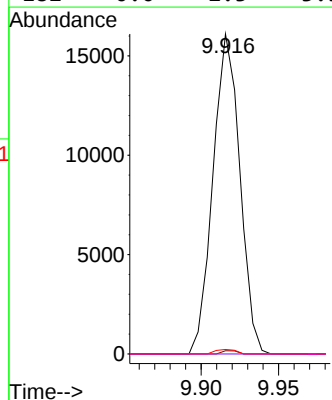
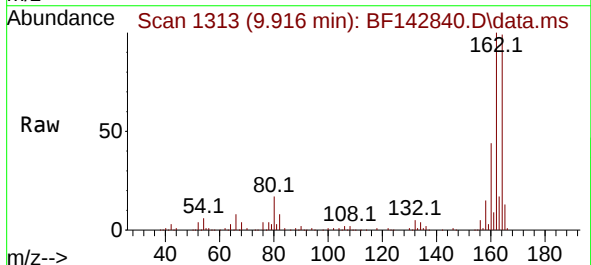
Instrument :
BNA_F
ClientSampleId :
PARK AVE -1

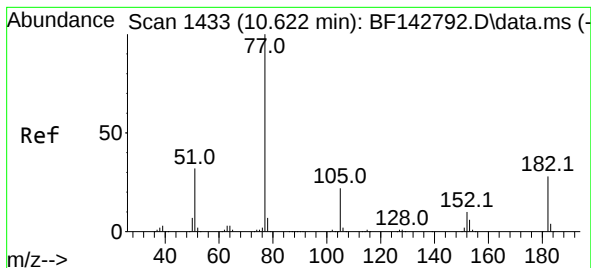
Tgt Ion:165 Resp: 19401
Ion Ratio Lower Upper
165 100
63 1.0 44.2 66.4#
89 1.4 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 6.730 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF142840.D
Acq: 25 Jun 2025 16:32

Tgt Ion:165 Resp: 19401
Ion Ratio Lower Upper
165 100
63 1.0 33.9 50.9#
89 1.4 50.6 75.8#
182 0.0 2.3 3.5#





#63

Azobenzene

Concen: 3.252 ng

RT: 10.627 min Scan# 1433

Delta R.T. 0.006 min

Lab File: BF142840.D

Acq: 25 Jun 2025 16:32

Instrument :

BNA_F

ClientSampleId :

PARK AVE -1

Tgt Ion: 77 Resp: 28163

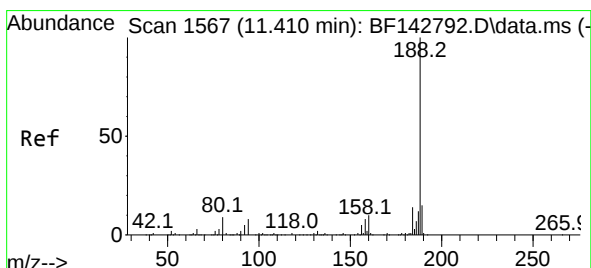
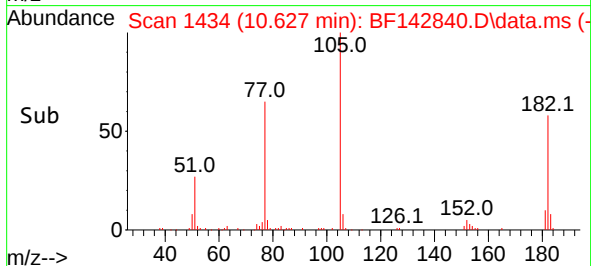
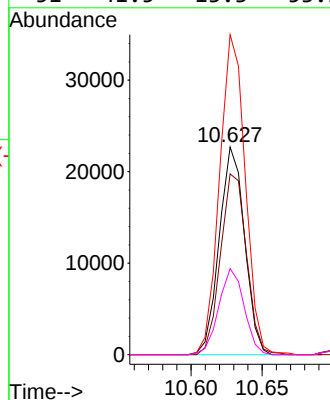
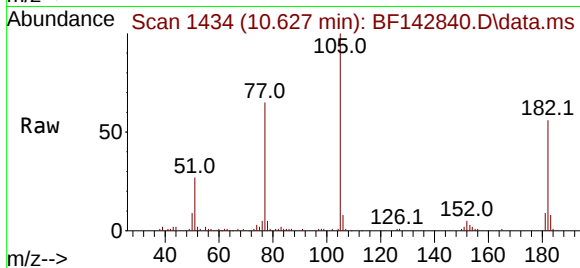
Ion Ratio Lower Upper

77 100

182 87.1 7.7 47.7#

105 154.1 1.9 41.9#

51 41.5 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF142840.D

Acq: 25 Jun 2025 16:32

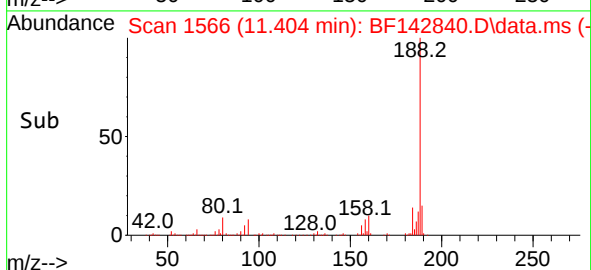
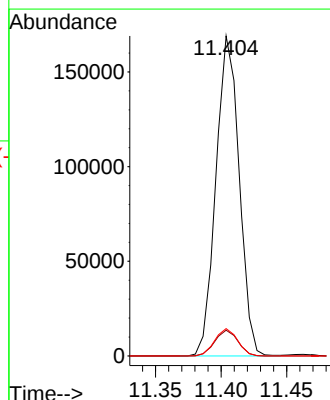
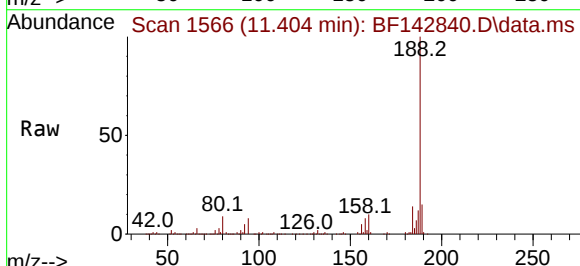
Tgt Ion: 188 Resp: 208414

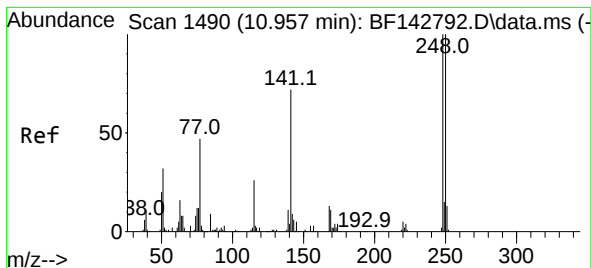
Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

80 8.6 6.9 10.3

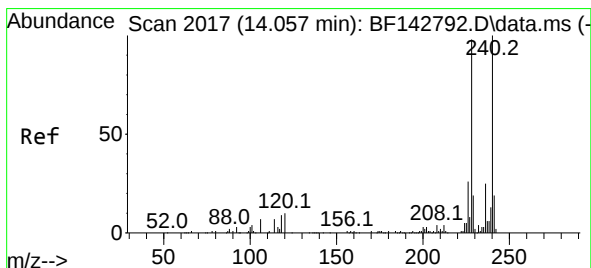
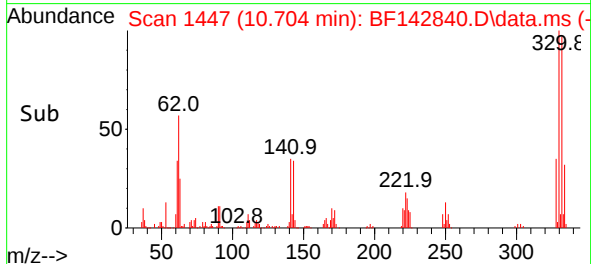
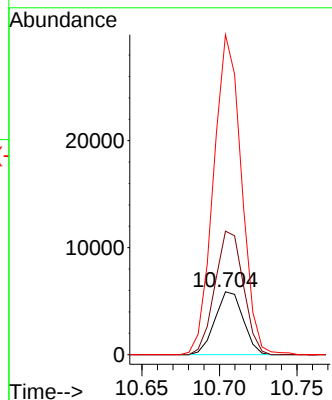
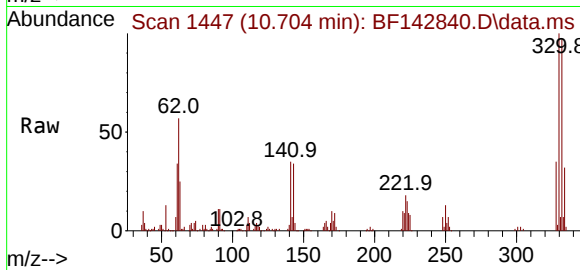




#67
4-Bromophenyl-phenylether
Concen: 3.135 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.253 min
Lab File: BF142840.D
Acq: 25 Jun 2025 16:32

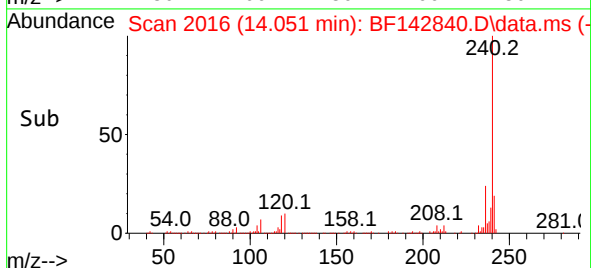
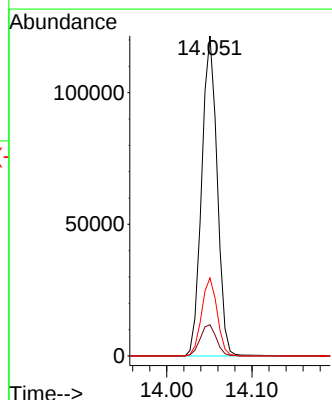
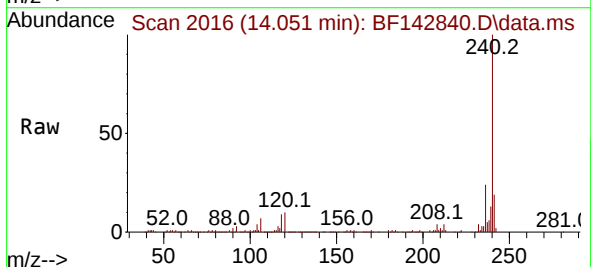
Instrument :
BNA_F
ClientSampleId :
PARK AVE -1

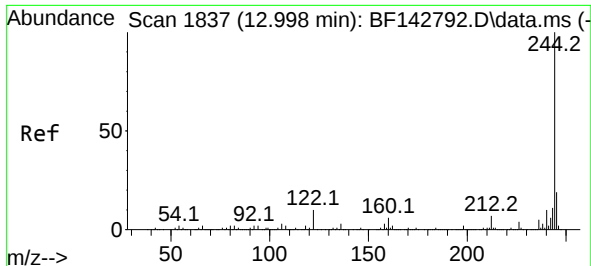
Tgt Ion:248 Resp: 7437
Ion Ratio Lower Upper
248 100
250 196.5 79.8 119.8#
141 509.1 57.8 86.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142840.D
Acq: 25 Jun 2025 16:32

Tgt Ion:240 Resp: 153326
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 24.4 19.8 29.8

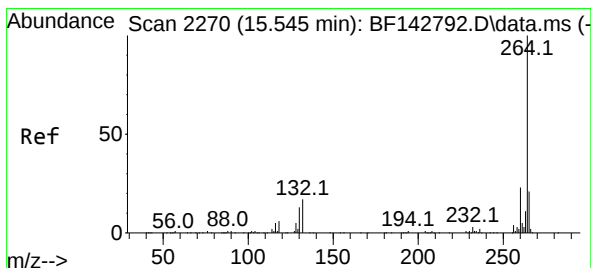
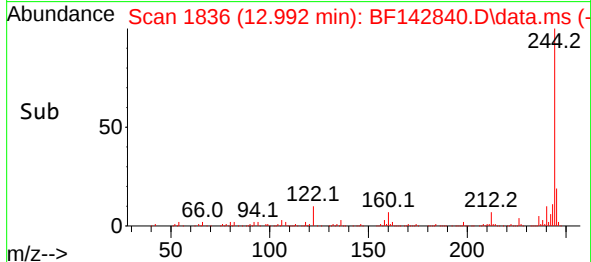
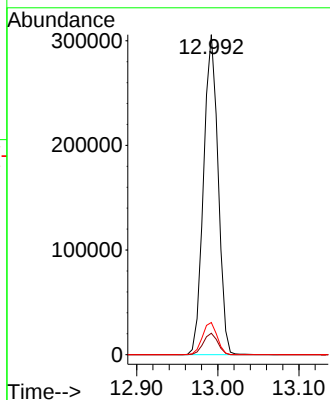
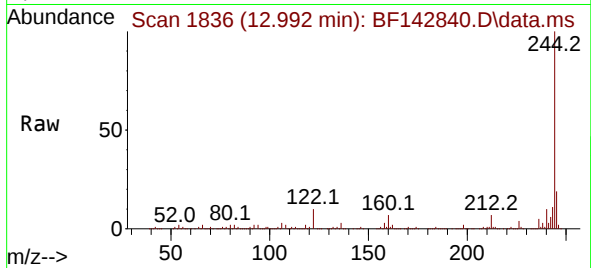




#79
 Terphenyl-d14
 Concen: 34.180 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142840.D
 Acq: 25 Jun 2025 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PARK AVE -1

Tgt Ion:244 Resp: 379288
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF142840.D
 Acq: 25 Jun 2025 16:32

Tgt Ion:264 Resp: 177028
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.1 27.1
 265 21.3 16.6 25.0

