

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081821\
 Data File : BF125093.D
 Acq On : 18 Aug 2021 18:03
 Operator : JU/CG
 Sample : M3449-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4

Quant Time: Aug 19 06:45:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

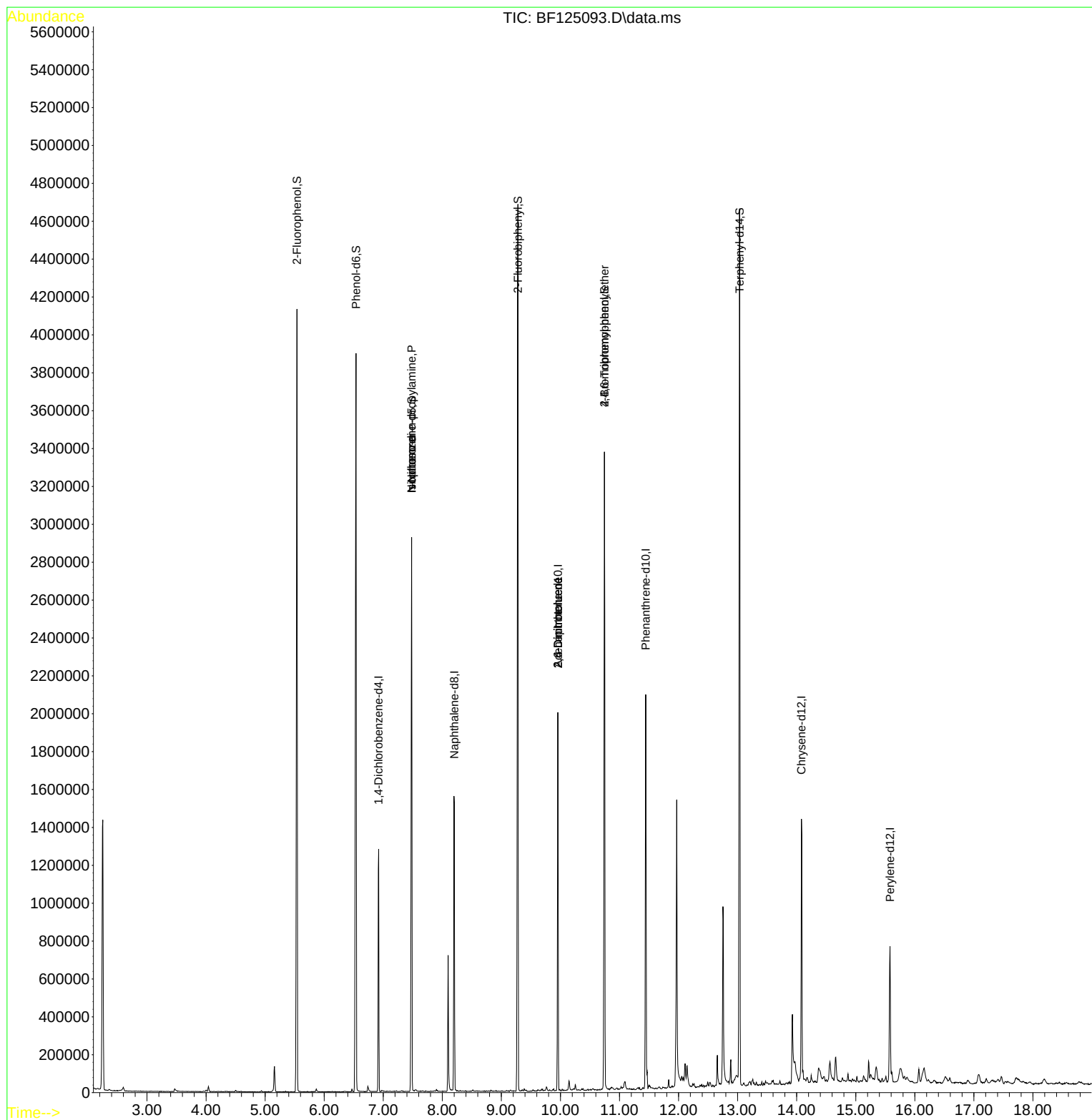
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	179788	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	707635	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	383964	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	715055	20.000	ng	0.00
76) Chrysene-d12	14.080	240	475008	20.000	ng	0.00
86) Perylene-d12	15.580	264	316865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	1086302	91.454	ng	0.00
7) Phenol-d6	6.539	99	1389771	90.467	ng	0.00
23) Nitrobenzene-d5	7.481	82	930470	66.197	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	417364	108.892	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1536796	55.783	ng	0.00
79) Terphenyl-d14	13.033	244	1775553	59.549	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	126108	13.648	ng	# 61
25) Isophorone	7.481	82	926523	34.169	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	48781	8.455	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	48781	6.986	ng	# 20
67) 4-Bromophenyl-phenylether	10.745	248	27266	3.175	ng	# 1

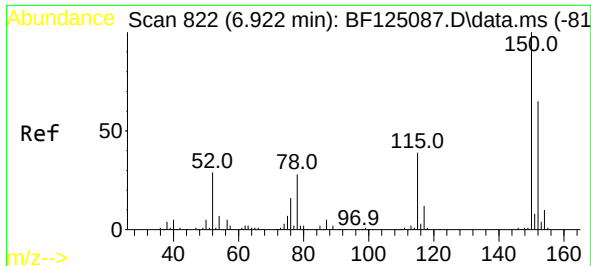
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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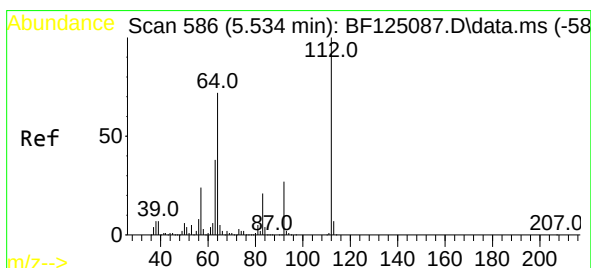
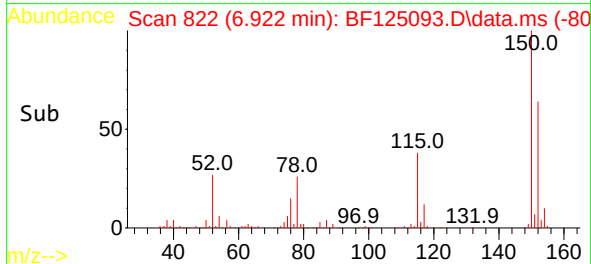
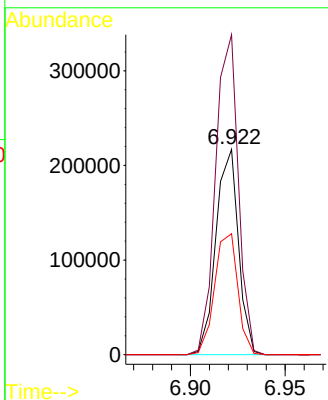
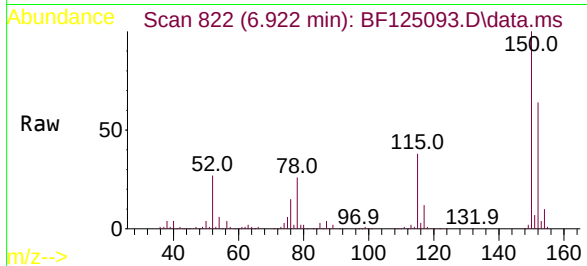




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125093.D
Acq: 18 Aug 2021 18:03

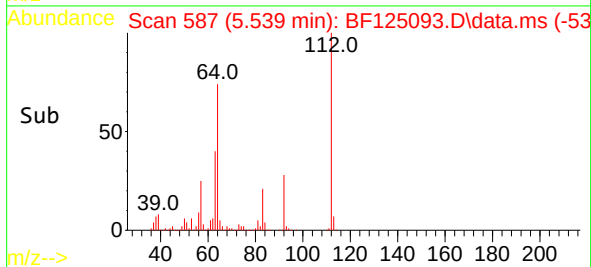
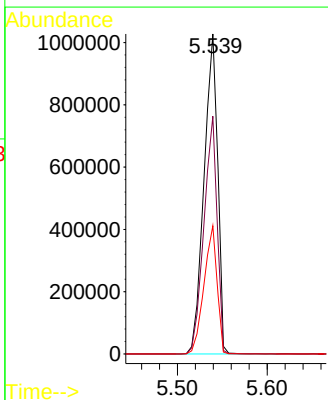
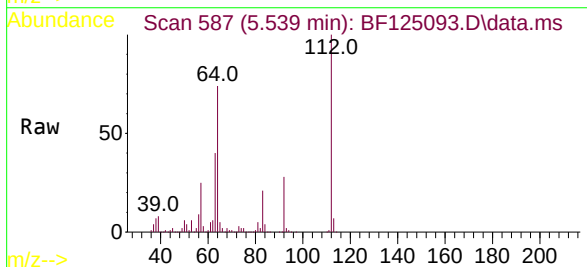
Instrument :
BNA_F
ClientSampled :
TP4

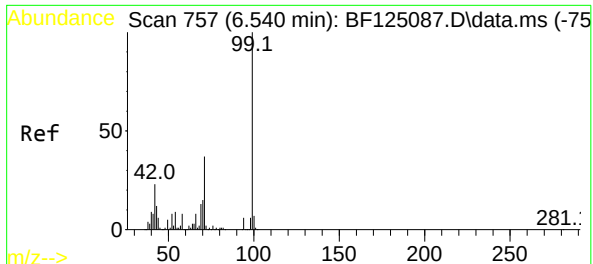
Tgt Ion:152 Resp: 179788
Ion Ratio Lower Upper
152 100
150 155.8 117.6 176.4
115 58.9 47.1 70.7



#5
2-Fluorophenol
Concen: 91.454 ng
RT: 5.539 min Scan# 587
Delta R.T. 0.006 min
Lab File: BF125093.D
Acq: 18 Aug 2021 18:03

Tgt Ion:112 Resp: 1086302
Ion Ratio Lower Upper
112 100
64 74.3 44.2 66.2#
63 40.1 26.2 39.2#

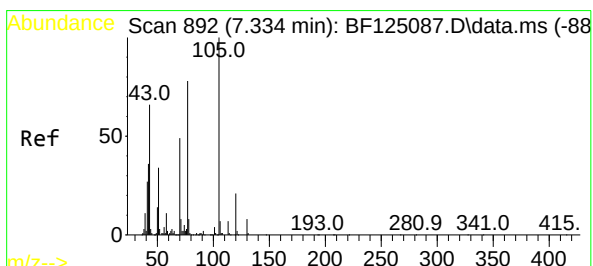
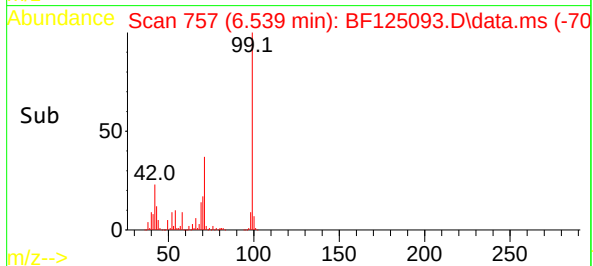
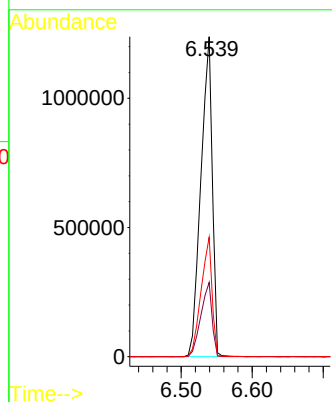
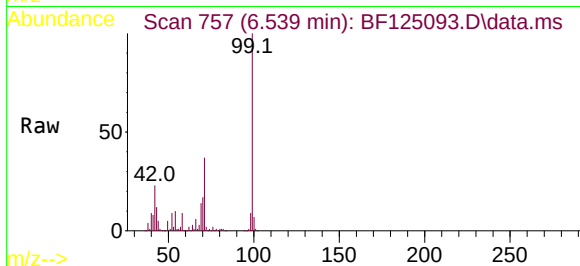




#7
Phenol-d6
Concen: 90.467 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125093.D
Acq: 18 Aug 2021 18:03

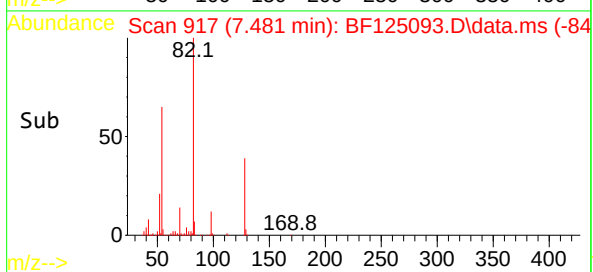
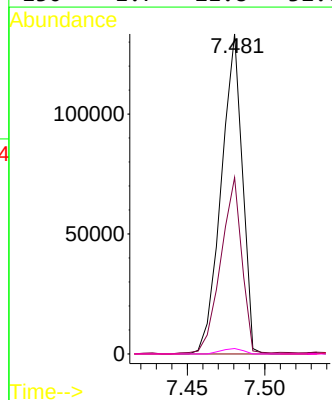
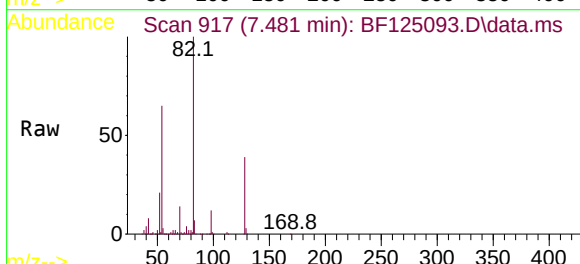
Instrument :
BNA_F
ClientSampleId :
TP4

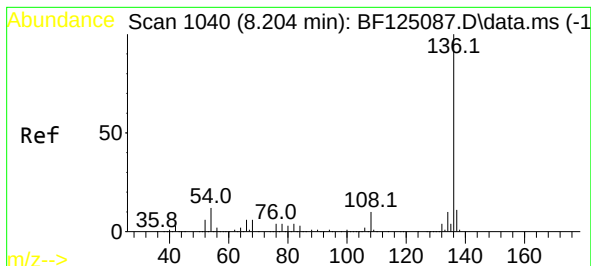
Tgt Ion: 99 Resp: 1389771
Ion Ratio Lower Upper
99 100
42 23.2 23.5 35.3#
71 37.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.648 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125093.D
Acq: 18 Aug 2021 18:03

Tgt Ion: 70 Resp: 126108
Ion Ratio Lower Upper
70 100
42 55.1 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

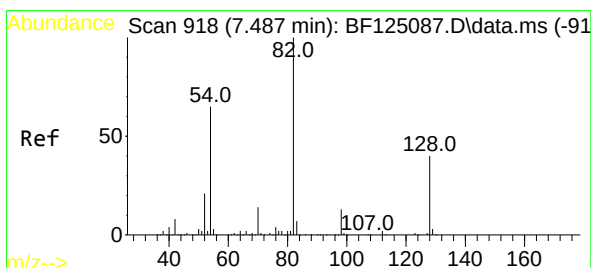
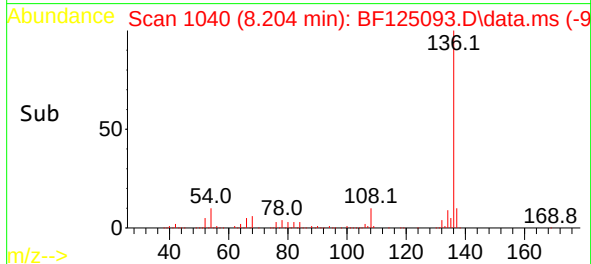
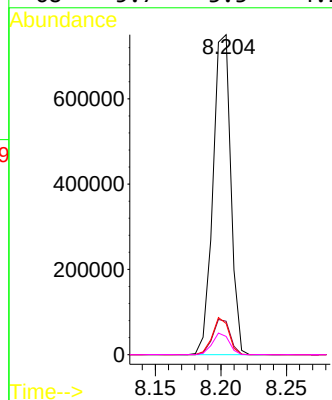
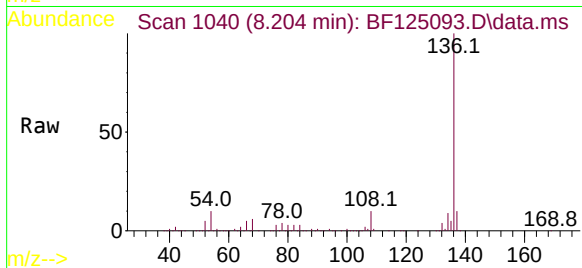




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF125093.D
Acq: 18 Aug 2021 18:03

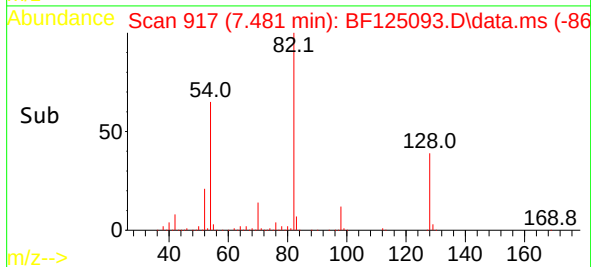
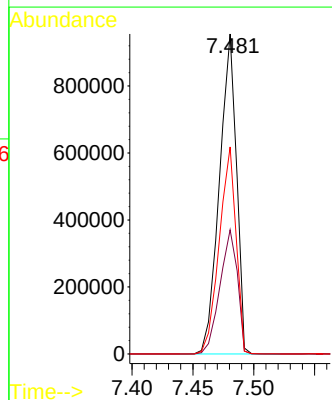
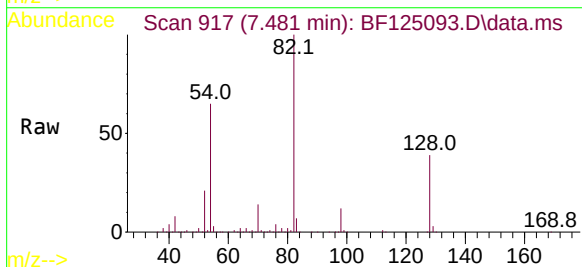
Instrument :
BNA_F
ClientSampled :
TP4

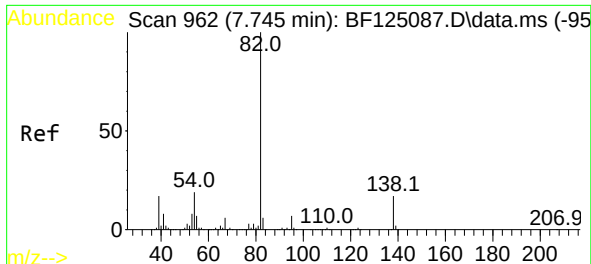
Tgt Ion:	136	Resp:	707635
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	9.8	6.4	9.6#
68	5.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 66.197 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125093.D
Acq: 18 Aug 2021 18:03

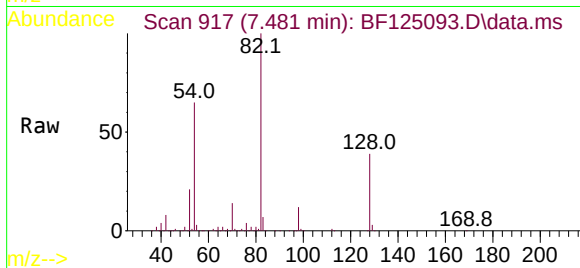
Tgt Ion:	82	Resp:	930470
Ion	Ratio	Lower	Upper
82	100		
128	38.8	40.6	60.8#
54	64.7	49.6	74.4



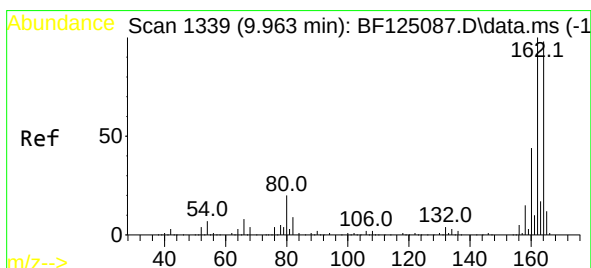
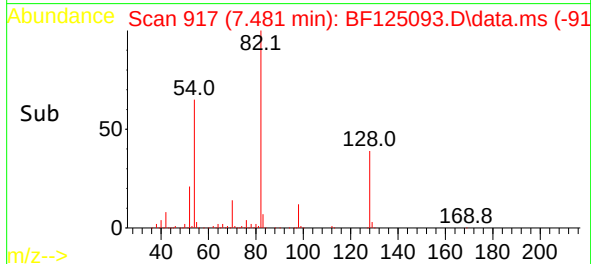
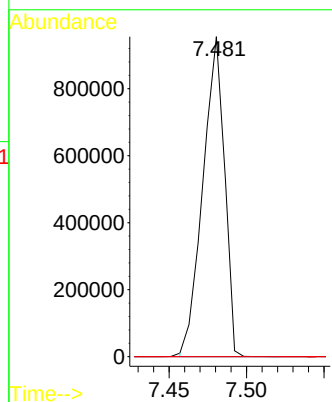


#25
Isophorone
Concen: 34.169 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125093.D
Acq: 18 Aug 2021 18:03

Instrument :
BNA_F
ClientSampleId :
TP4

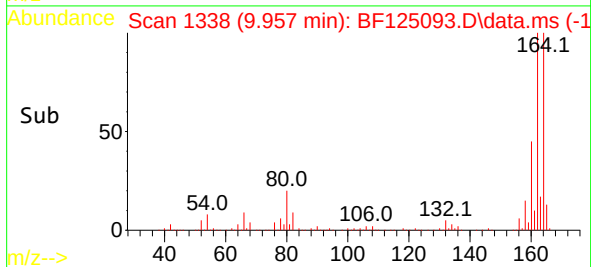
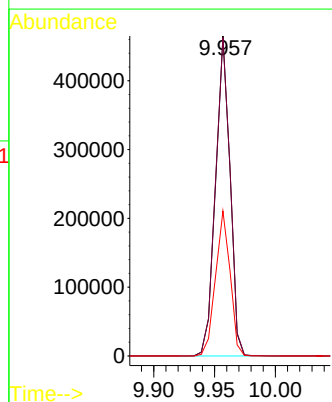
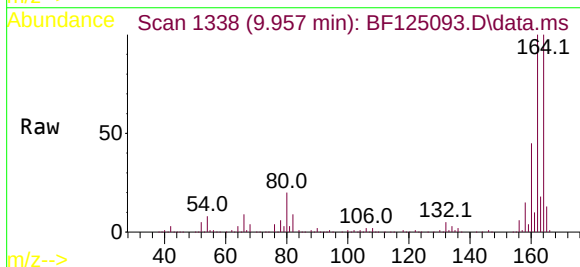


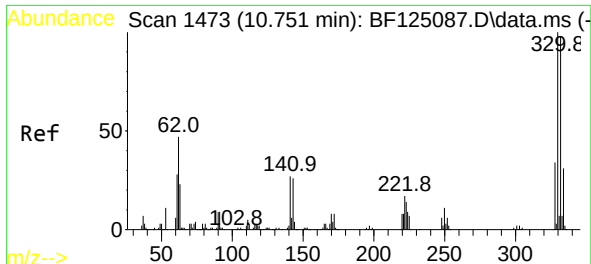
Tgt Ion: 82 Resp: 926523
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125093.D
Acq: 18 Aug 2021 18:03

Tgt Ion: 164 Resp: 383964
Ion Ratio Lower Upper
164 100
162 99.5 81.3 121.9
160 45.3 38.0 57.0

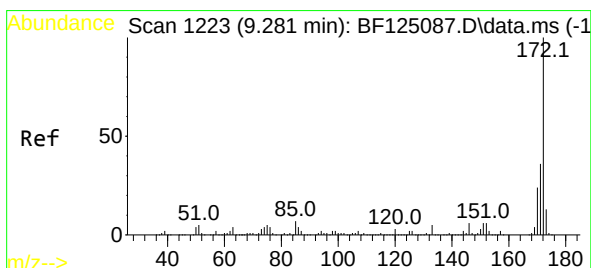
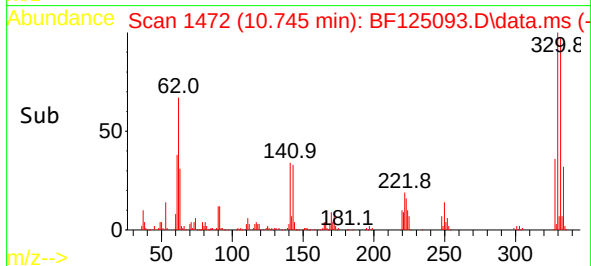
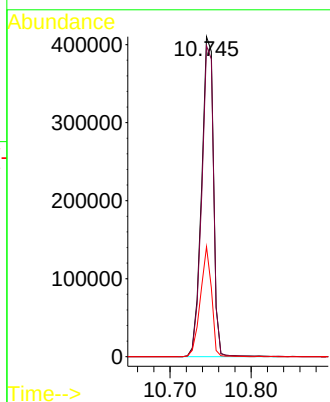
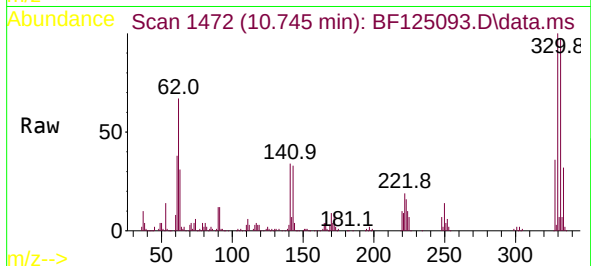




#42
2,4,6-Tribromophenol
Concen: 108.892 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125093.D
Acq: 18 Aug 2021 18:03

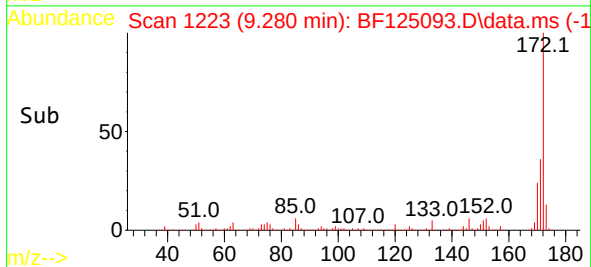
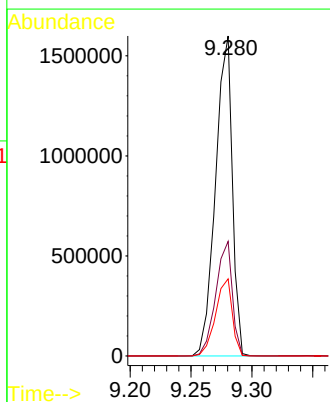
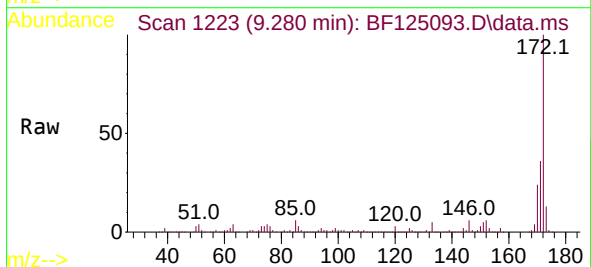
Instrument :
BNA_F
ClientSampleId :
TP4

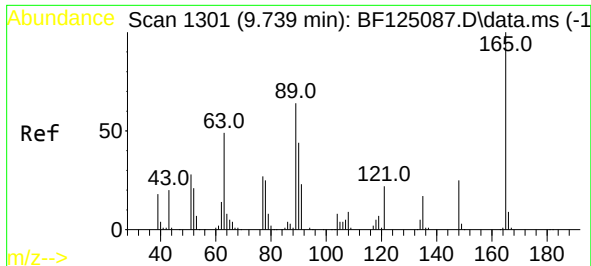
Tgt Ion: 330 Resp: 417364
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 32.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 55.783 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125093.D
Acq: 18 Aug 2021 18:03

Tgt Ion: 172 Resp: 1536796
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 24.1 18.8 28.2

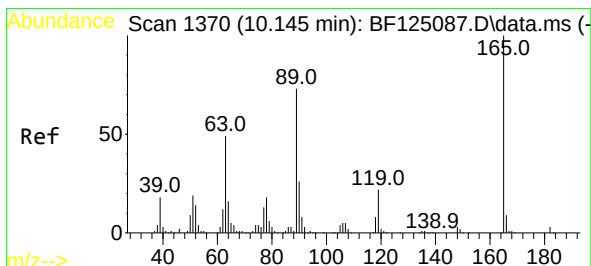
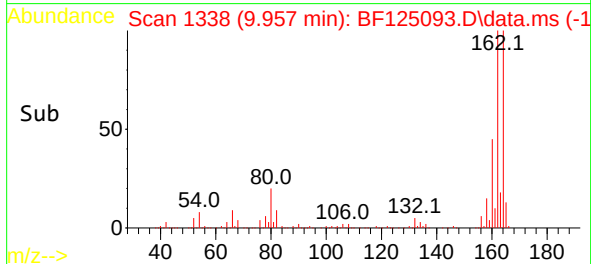
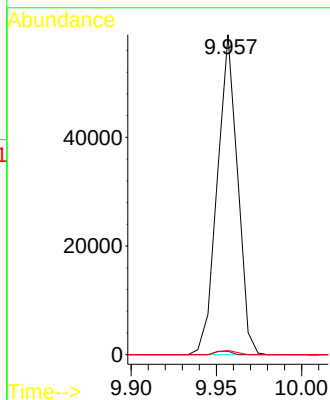
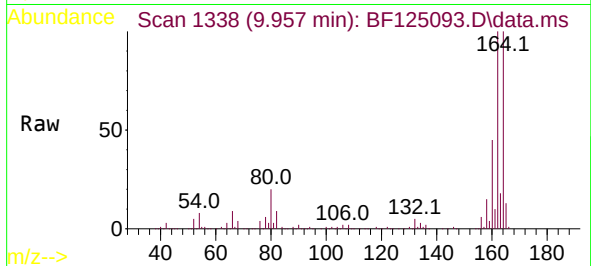




#51
2,6-Dinitrotoluene
Concen: 8.455 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.217 min
Lab File: BF125093.D
Acq: 18 Aug 2021 18:03

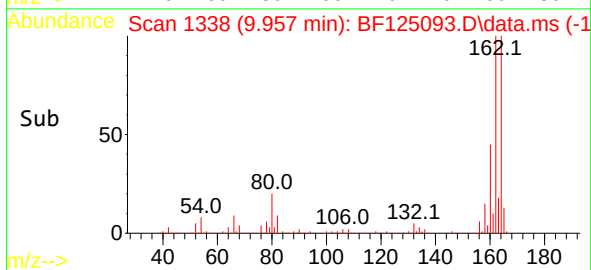
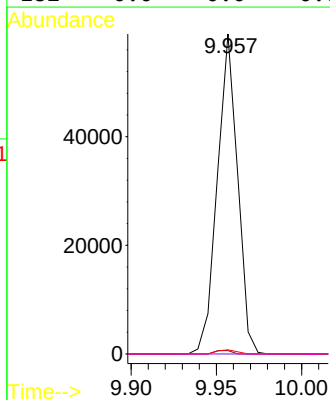
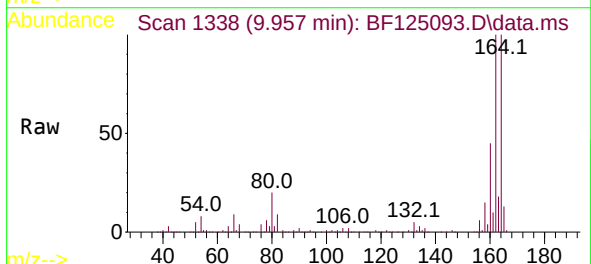
Instrument :
BNA_F
ClientSampled :
TP4

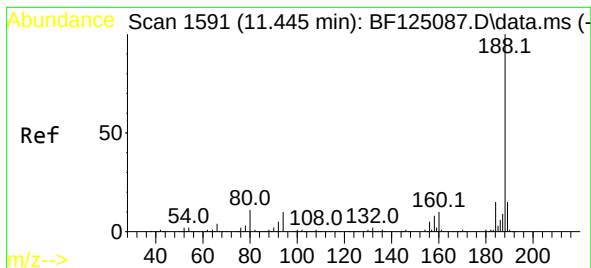
Tgt Ion:165 Resp: 48781
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.986 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125093.D
Acq: 18 Aug 2021 18:03

Tgt Ion:165 Resp: 48781
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

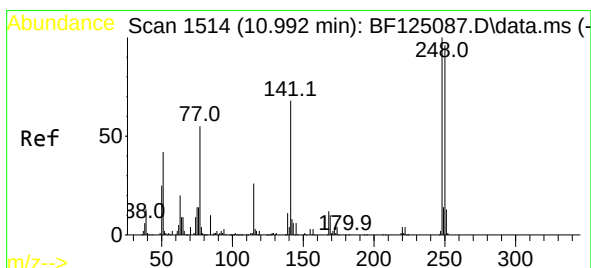
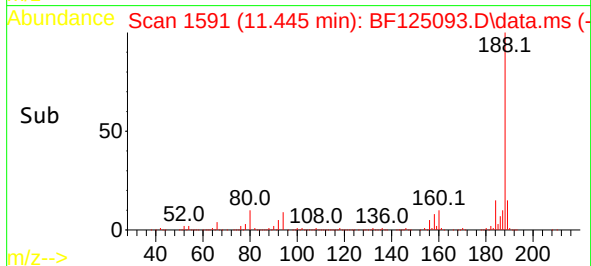
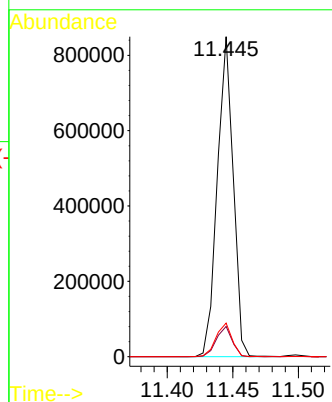
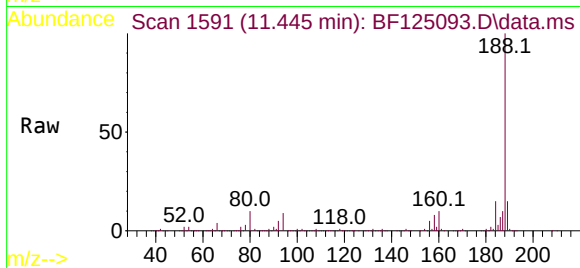




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF125093.D
Acq: 18 Aug 2021 18:03

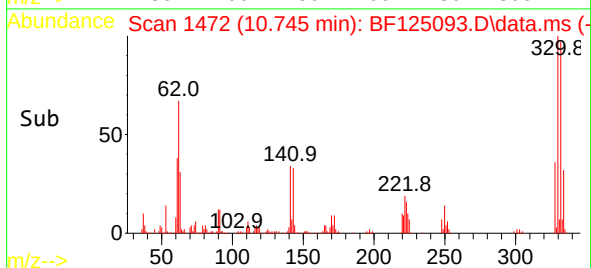
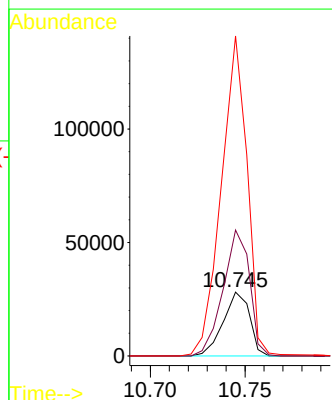
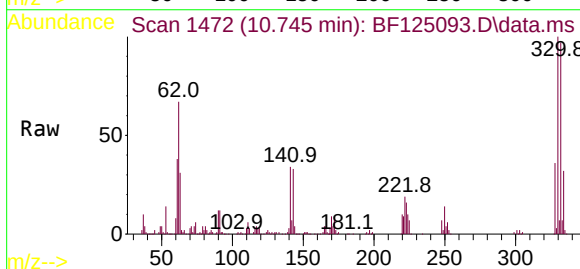
Instrument :
BNA_F
ClientSampled :
TP4

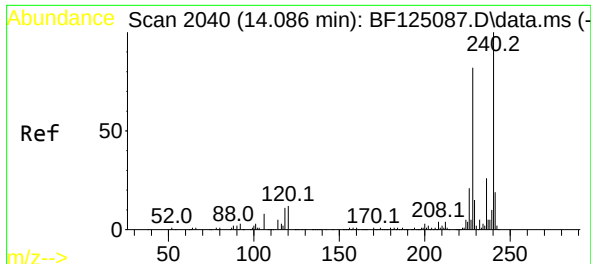
Tgt Ion:188 Resp: 715055
Ion Ratio Lower Upper
188 100
94 9.5 6.7 10.1
80 10.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.175 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125093.D
Acq: 18 Aug 2021 18:03

Tgt Ion:248 Resp: 27266
Ion Ratio Lower Upper
248 100
250 197.1 74.2 111.4#
141 501.0 60.4 90.6#

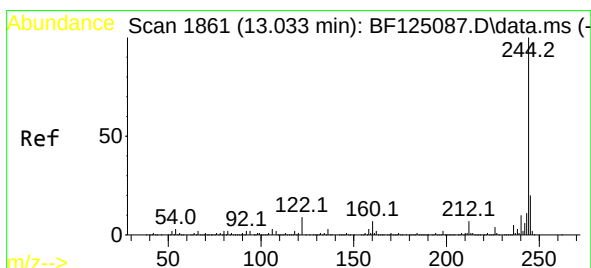
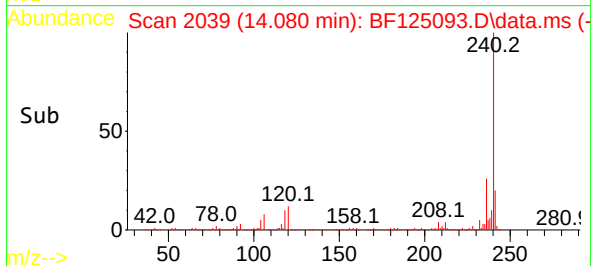
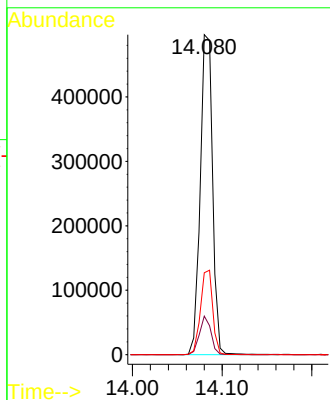
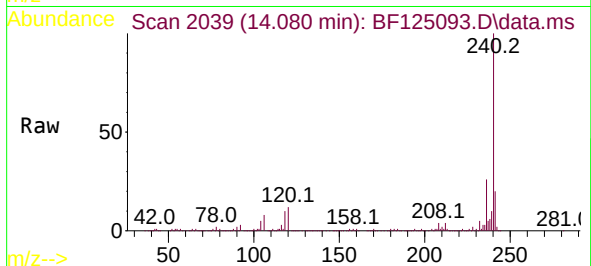




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125093.D
Acq: 18 Aug 2021 18:03

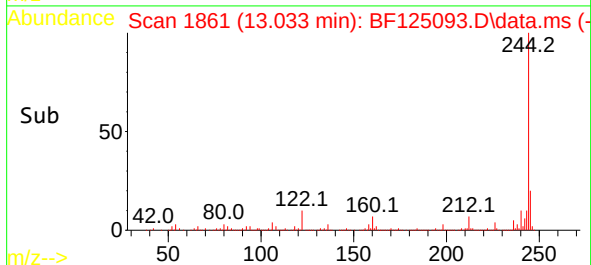
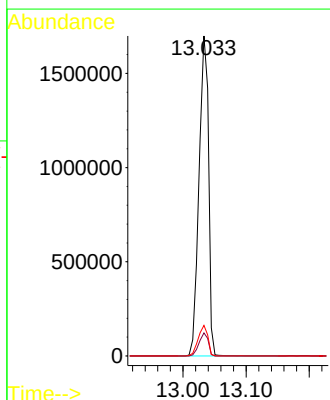
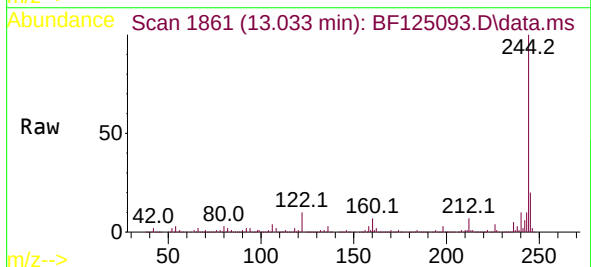
Instrument :
BNA_F
ClientSampled :
TP4

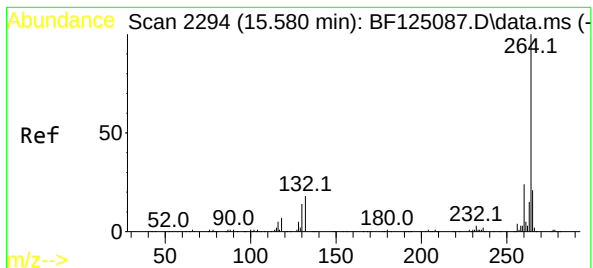
Tgt Ion:240 Resp: 475008
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 25.6 21.6 32.4



#79
Terphenyl-d14
Concen: 59.549 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125093.D
Acq: 18 Aug 2021 18:03

Tgt Ion:244 Resp: 1775553
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.6 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. -0.000 min
 Lab File: BF125093.D
 Acq: 18 Aug 2021 18:03

Instrument :
 BNA_F
 ClientSampleId :
 TP4

Tgt Ion:264 Resp: 316865
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.5 17.2 25.8

