

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
 Data File : BF125895.D
 Acq On : 19 Oct 2021 12:36
 Operator : JU/CG
 Sample : M4249-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-(D)

Quant Time: Oct 19 16:44:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

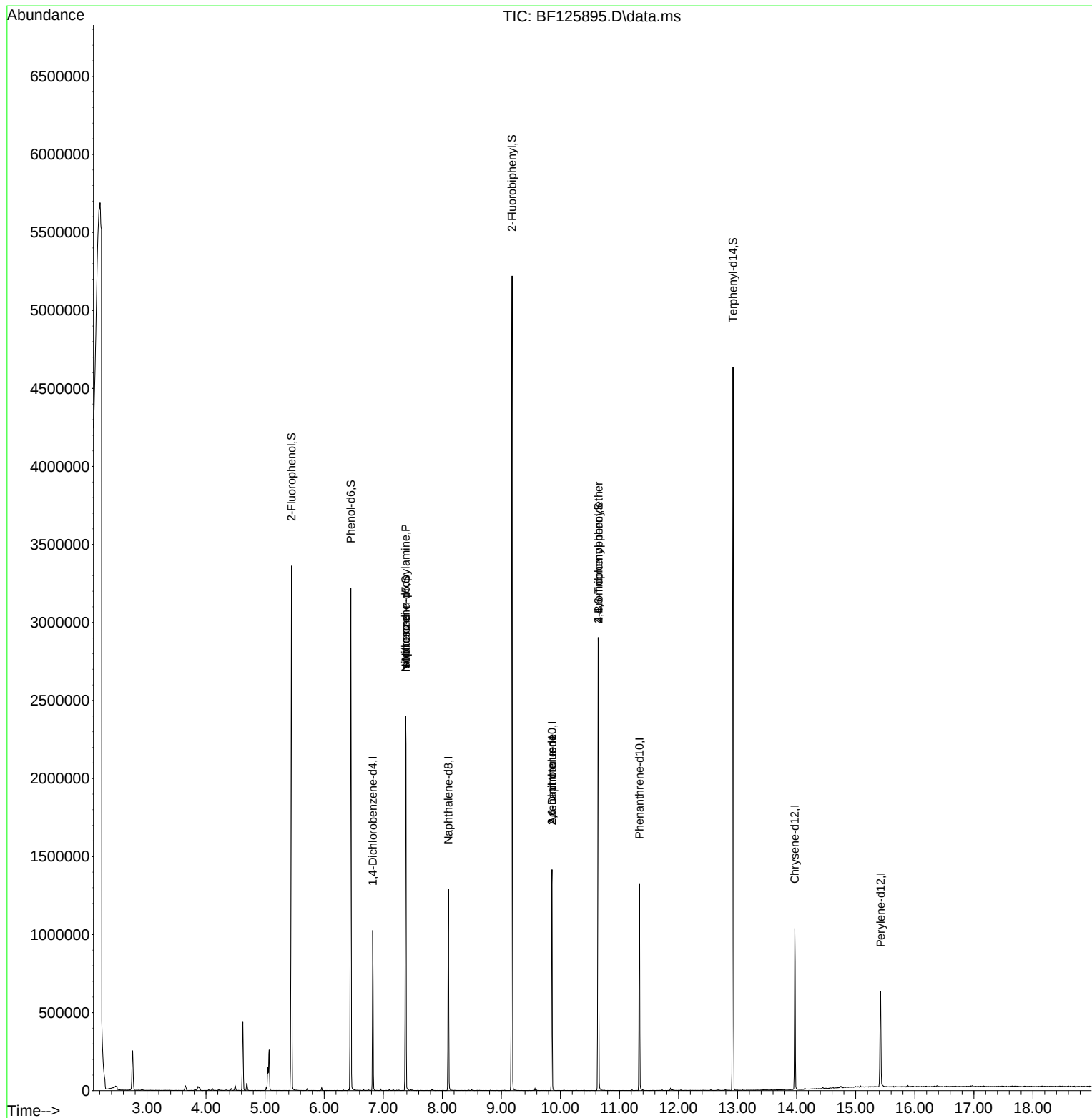
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	149293	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	593473	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	305524	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	512043	20.000	ng	0.00
76) Chrysene-d12	13.969	240	346786	20.000	ng	0.00
86) Perylene-d12	15.421	264	276089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1122195	122.795	ng	0.00
7) Phenol-d6	6.451	99	1247176	106.011	ng	0.00
23) Nitrobenzene-d5	7.381	82	870396	91.165	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	411635	136.463	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1656862	93.537	ng	0.00
79) Terphenyl-d14	12.922	244	1683436	73.945	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	108568	17.481	ng	# 50
25) Isophorone	7.381	82	866848	51.249	ng	# 59
51) 2,6-Dinitrotoluene	9.857	165	39050	9.606	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	39050	7.597	ng	# 19
67) 4-Bromophenyl-phenylether	10.645	248	23496	4.143	ng	# 1

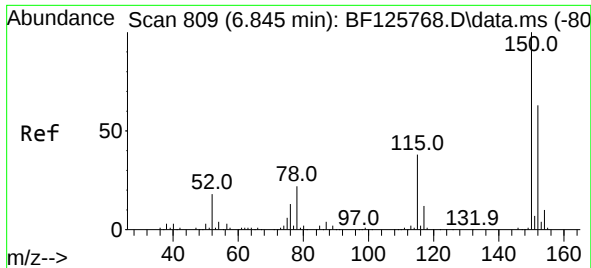
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125895.D
Acq On : 19 Oct 2021 12:36
Operator : JU/CG
Sample : M4249-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-(D)

Quant Time: Oct 19 16:44:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 12:43:03 2021
Response via : Initial Calibration

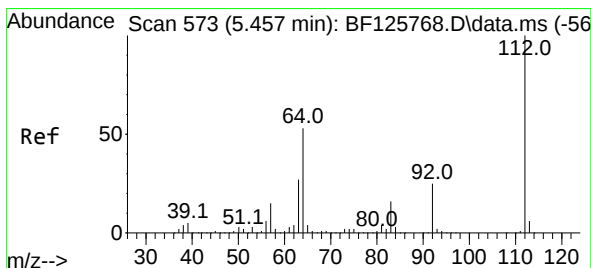
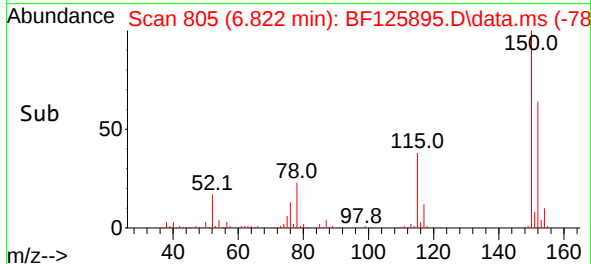
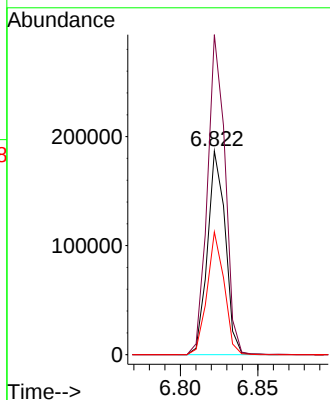
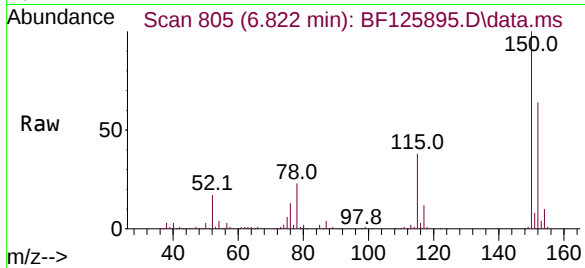




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

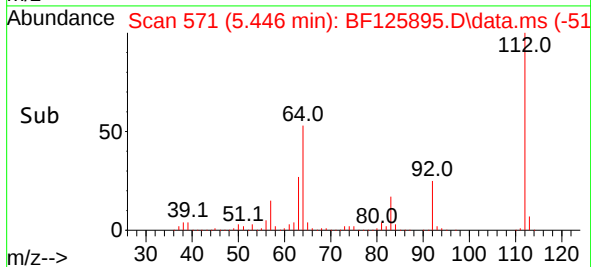
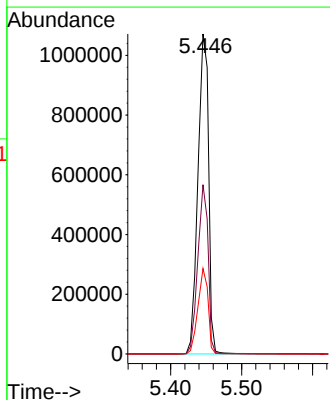
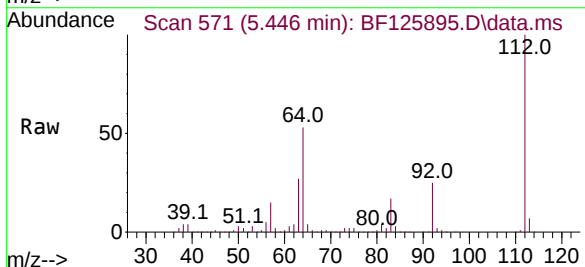
Instrument :
BNA_F
ClientSampleId :
TP1-(D)

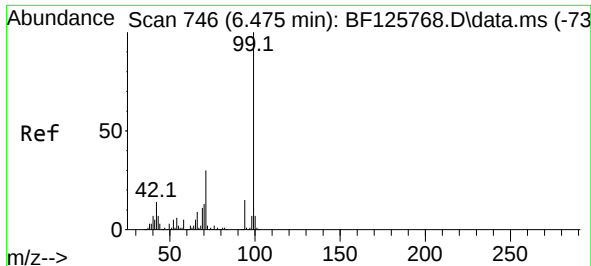
Tgt Ion:152 Resp: 149293
Ion Ratio Lower Upper
152 100
150 157.1 117.6 176.4
115 60.3 47.1 70.7



#5
2-Fluorophenol
Concen: 122.795 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

Tgt Ion:112 Resp: 1122195
Ion Ratio Lower Upper
112 100
64 52.9 44.2 66.2
63 26.7 26.2 39.2

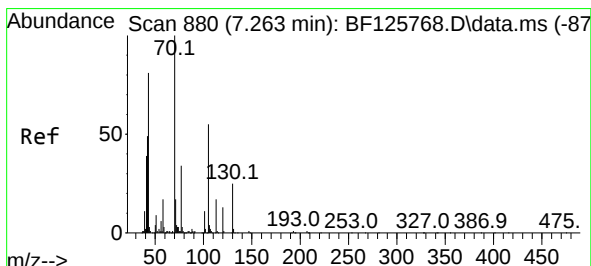
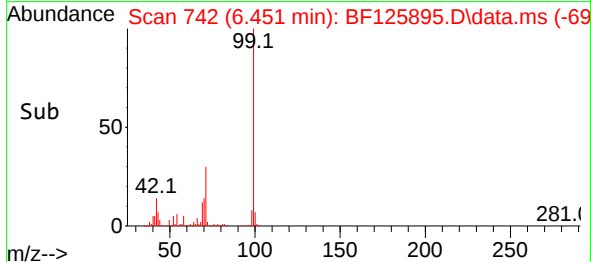
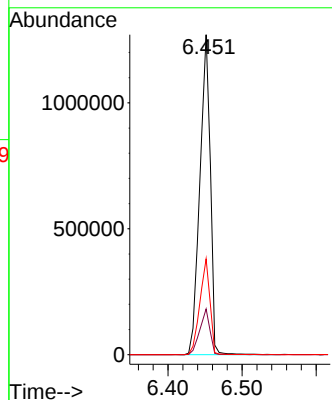
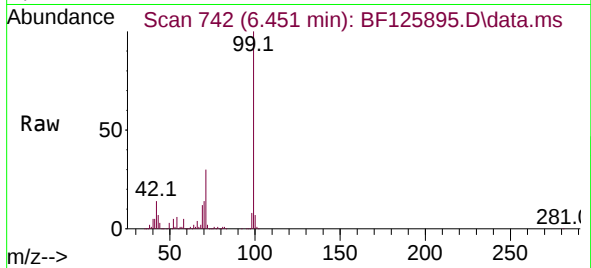




#7
Phenol-d6
Concen: 106.011 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

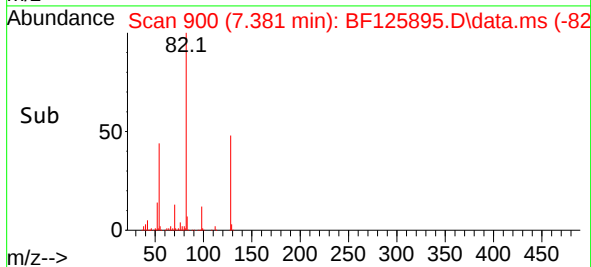
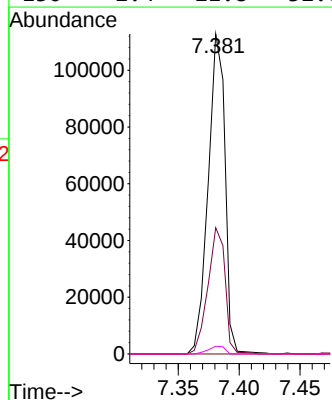
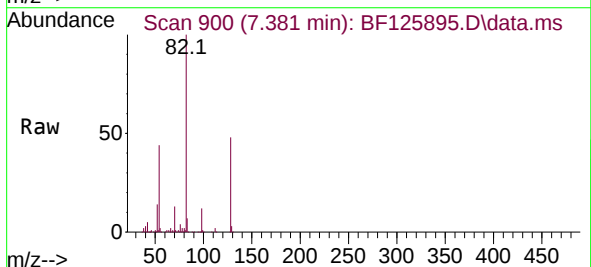
Instrument :
BNA_F
ClientSampleId :
TP1-(D)

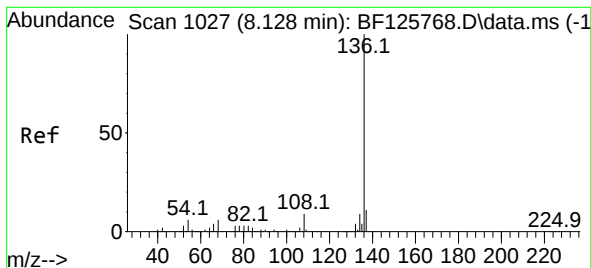
Tgt Ion: 99 Resp: 1247176
Ion Ratio Lower Upper
99 100
42 14.3 23.5 35.3#
71 30.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.481 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

Tgt Ion: 70 Resp: 108568
Ion Ratio Lower Upper
70 100
42 39.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#

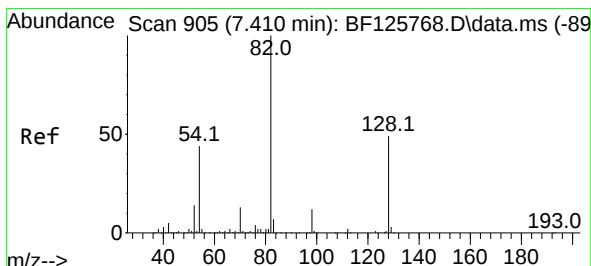
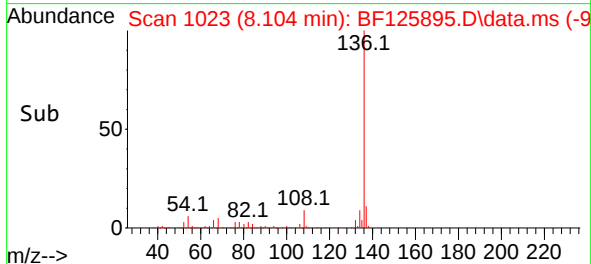
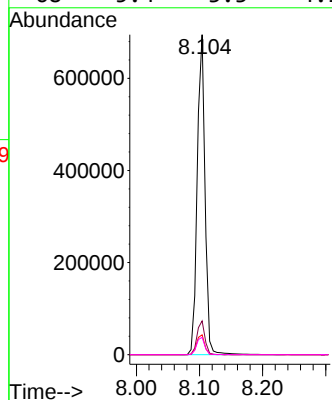
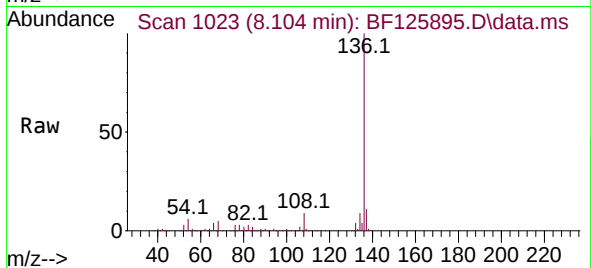




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

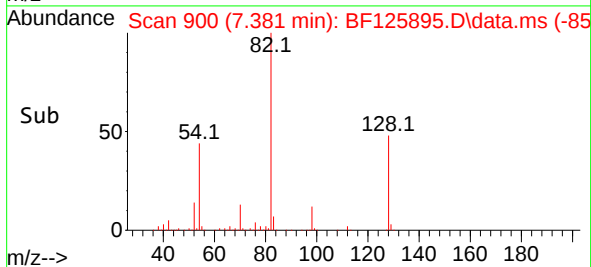
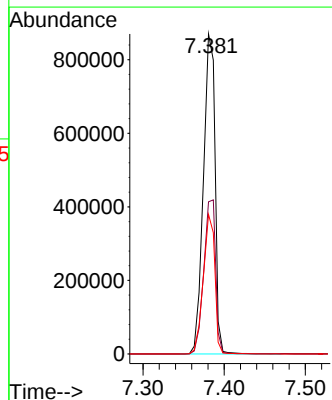
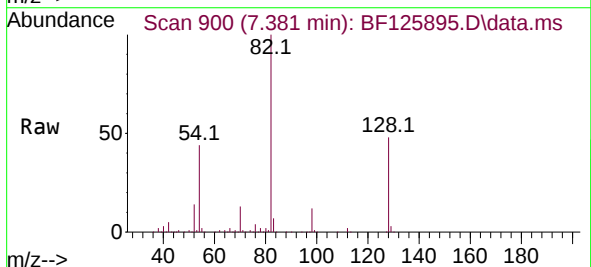
Instrument :
BNA_F
ClientSampleId :
TP1-(D)

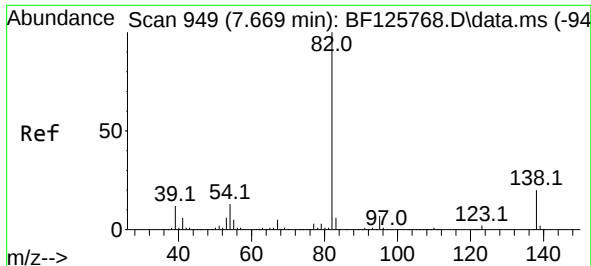
Tgt Ion:	136	Resp:	593473
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.8	14.6
54	6.2	6.4	9.6#
68	5.4	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 91.165 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

Tgt Ion:	82	Resp:	870396
Ion Ratio	Lower	Upper	
82	100		
128	47.5	40.6	60.8
54	43.6	49.6	74.4#

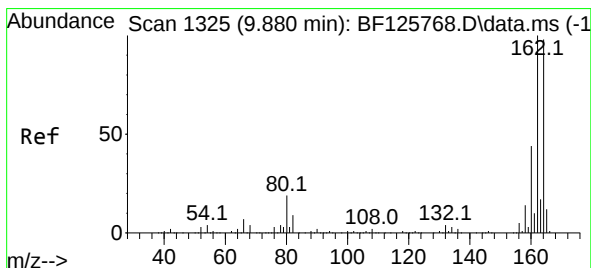
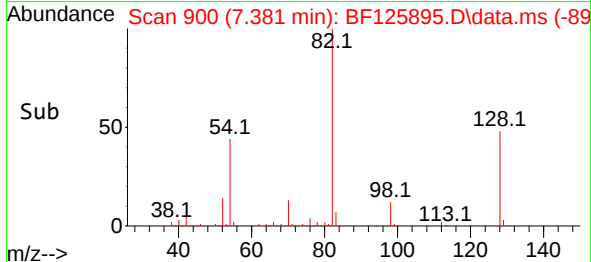
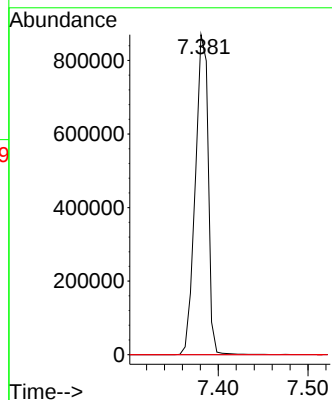
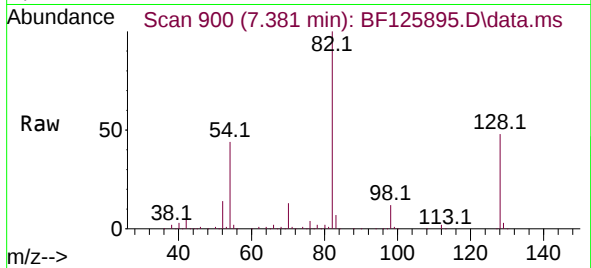




#25
Isophorone
Concen: 51.249 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.270 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

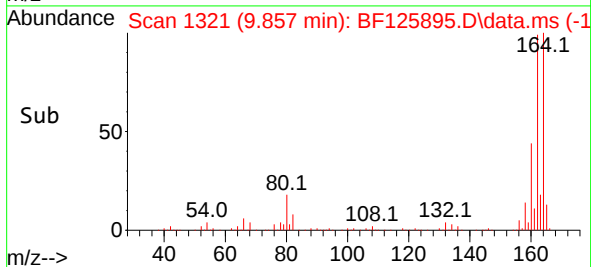
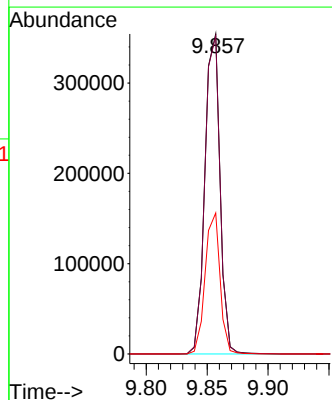
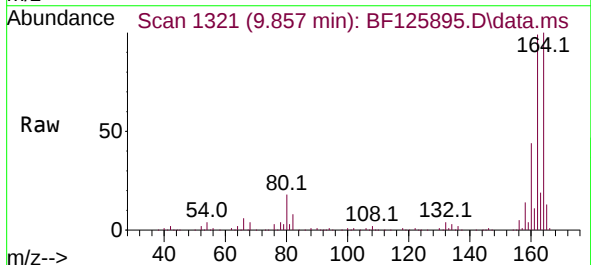
Instrument :
BNA_F
ClientSampleId :
TP1-(D)

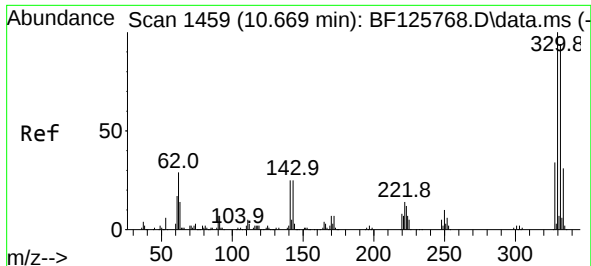
Tgt Ion: 82 Resp: 866848
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

Tgt Ion: 164 Resp: 305524
Ion Ratio Lower Upper
164 100
162 99.4 81.3 121.9
160 44.0 38.0 57.0

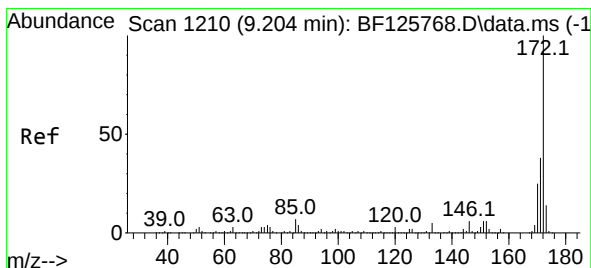
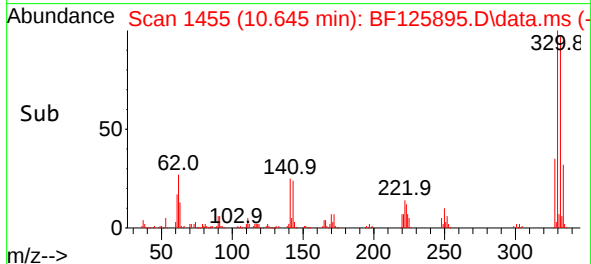
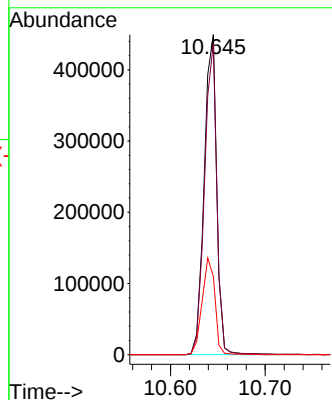
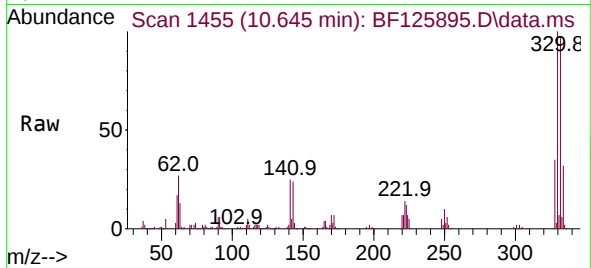




#42
2,4,6-Tribromophenol
Concen: 136.463 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

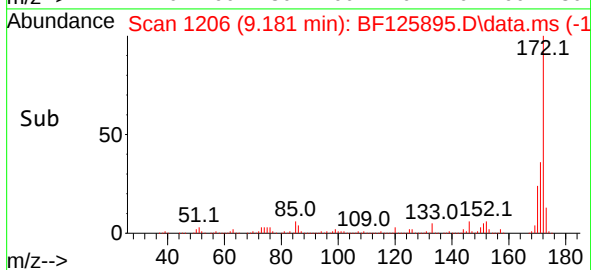
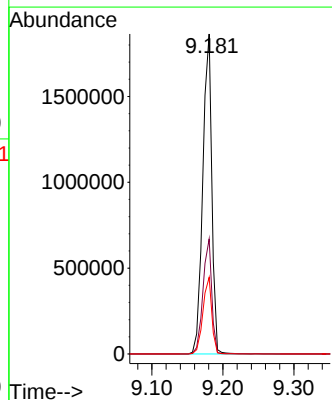
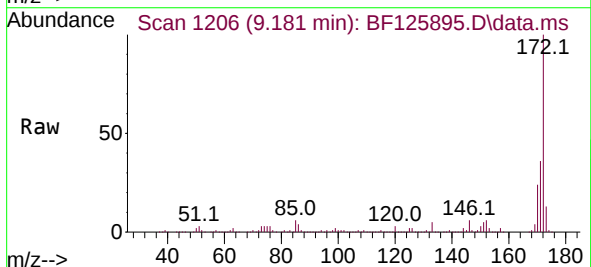
Instrument :
BNA_F
ClientSampleId :
TP1-(D)

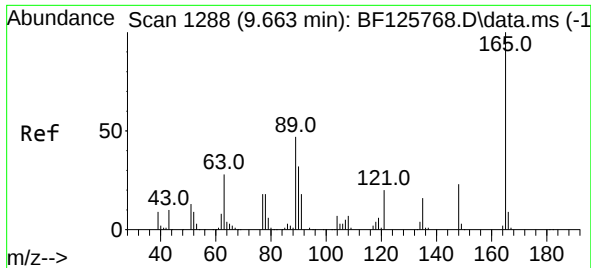
Tgt Ion:330 Resp: 411635
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 30.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 93.537 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

Tgt Ion:172 Resp: 1656862
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 23.9 18.8 28.2

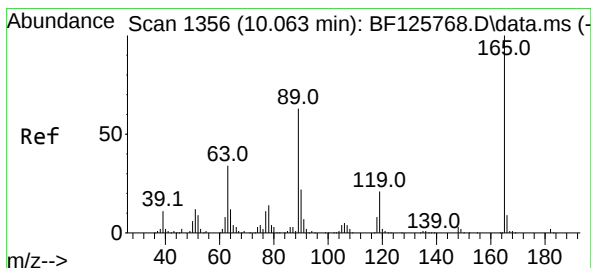
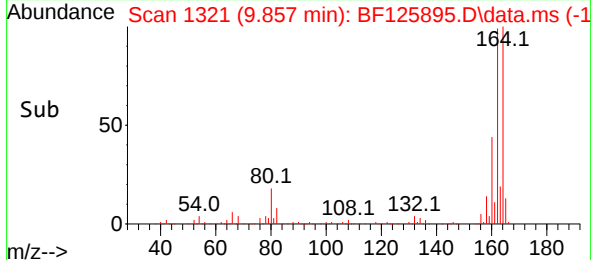
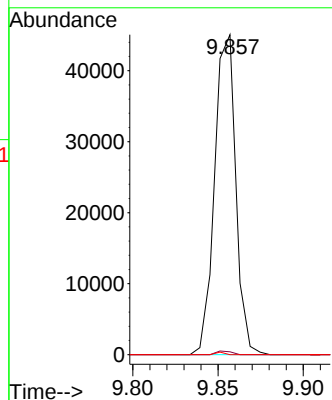
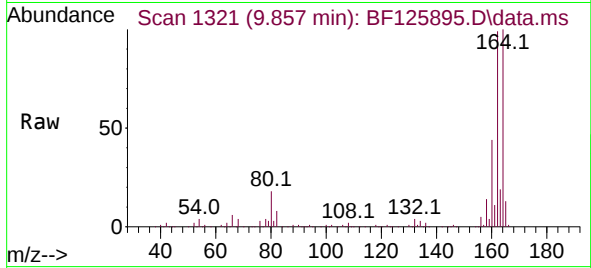




#51
2,6-Dinitrotoluene
Concen: 9.606 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.218 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

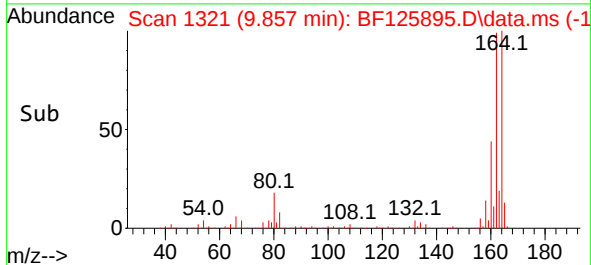
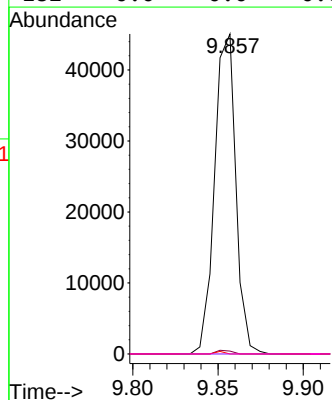
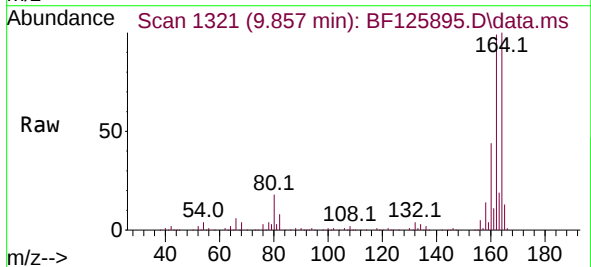
Instrument :
BNA_F
ClientSampleId :
TP1-(D)

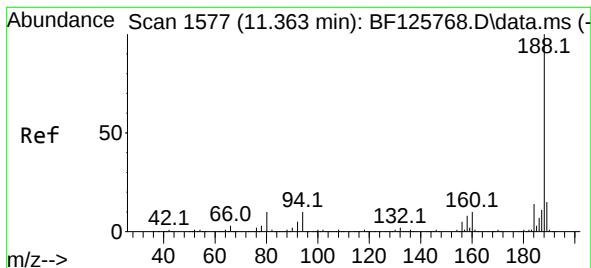
Tgt Ion:165 Resp: 39050
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.597 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.188 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

Tgt Ion:165 Resp: 39050
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

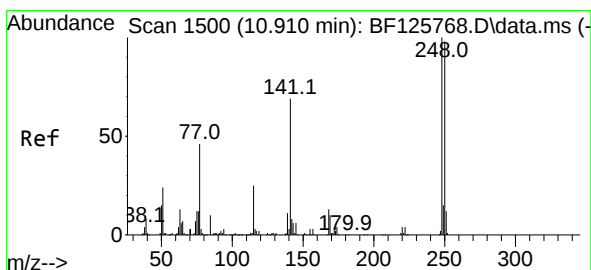
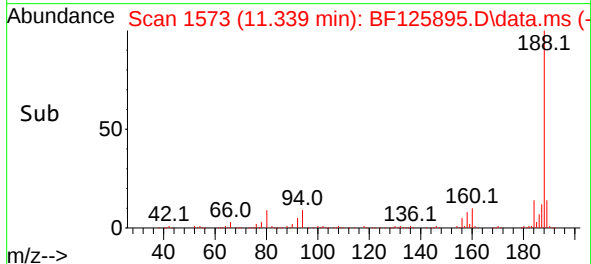
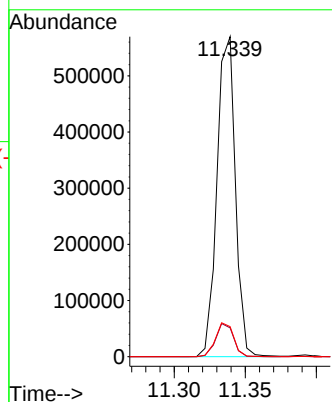
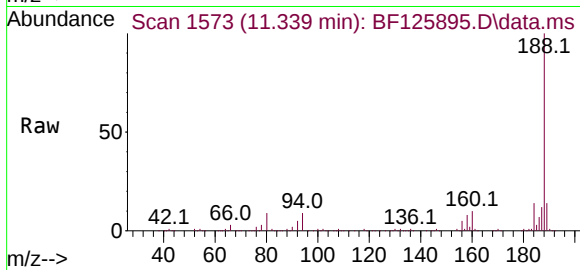




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

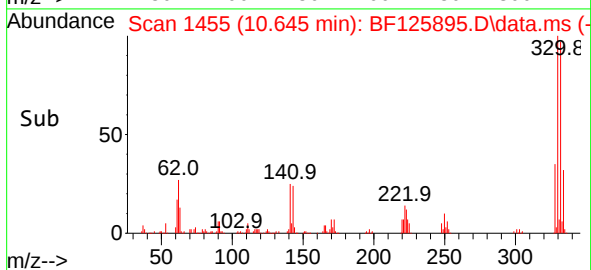
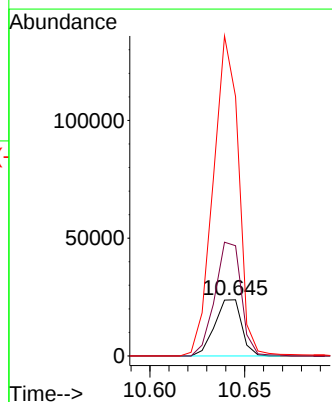
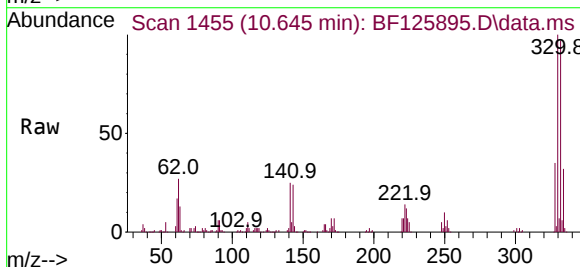
Instrument :
BNA_F
ClientSampleId :
TP1-(D)

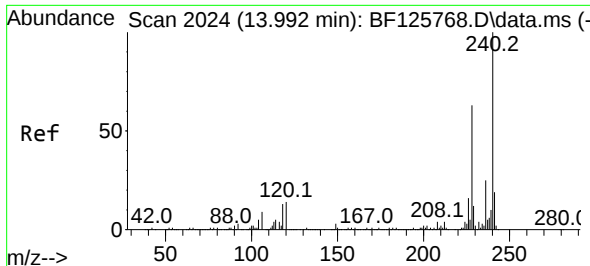
Tgt Ion:188 Resp: 512043
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.143 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

Tgt Ion:248 Resp: 23496
Ion Ratio Lower Upper
248 100
250 196.4 74.2 111.4#
141 462.0 60.4 90.6#

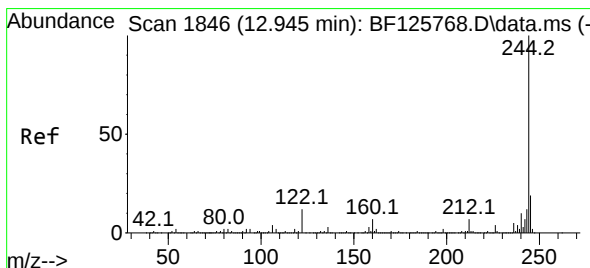
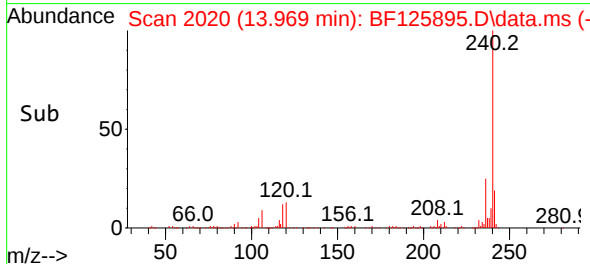
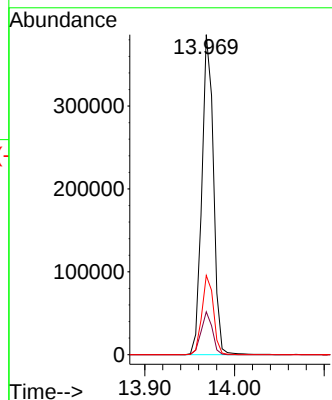
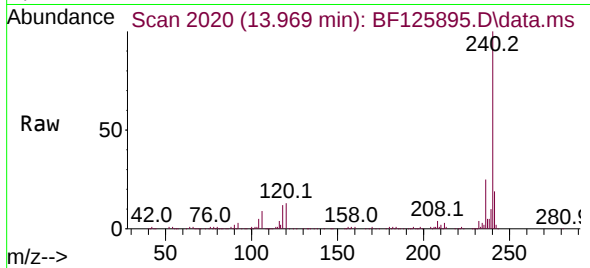




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

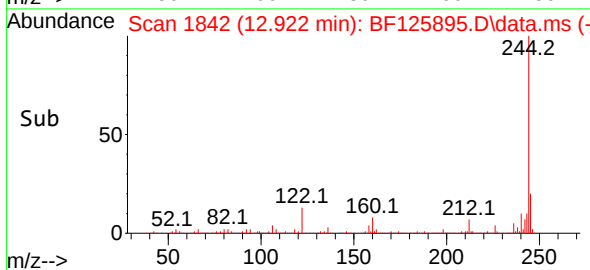
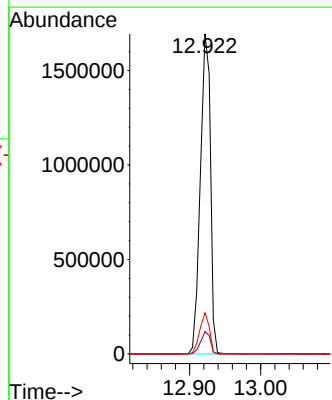
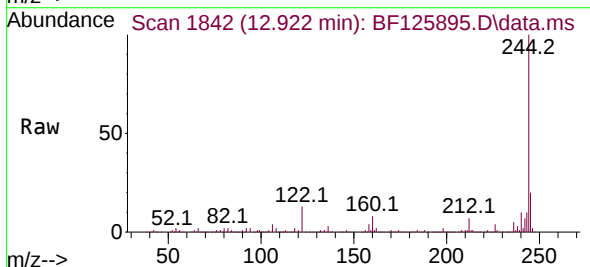
Instrument :
BNA_F
ClientSampleId :
TP1-(D)

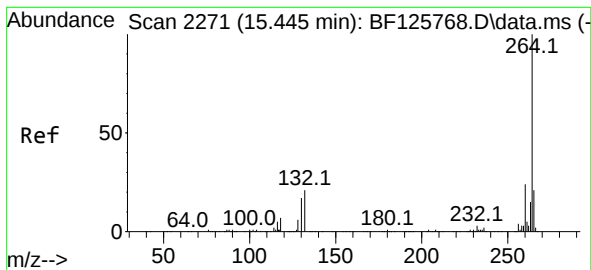
Tgt Ion:240 Resp: 346786
Ion Ratio Lower Upper
240 100
120 13.4 10.8 16.2
236 24.8 21.6 32.4



#79
Terphenyl-d14
Concen: 73.945 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

Tgt Ion:244 Resp: 1683436
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.8 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.000 min
 Lab File: BF125895.D
 Acq: 19 Oct 2021 12:36

Instrument :
 BNA_F
 ClientSampleId :
 TP1-(D)

Tgt Ion:264 Resp: 276089
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 20.8 17.2 25.8

