

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
 Data File : BF125785.D
 Acq On : 8 Oct 2021 16:28
 Operator : JU/CG
 Sample : M4087-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20211005-ROCK

Quant Time: Oct 08 17:27:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 17:16:23 2021
 Response via : Initial Calibration

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

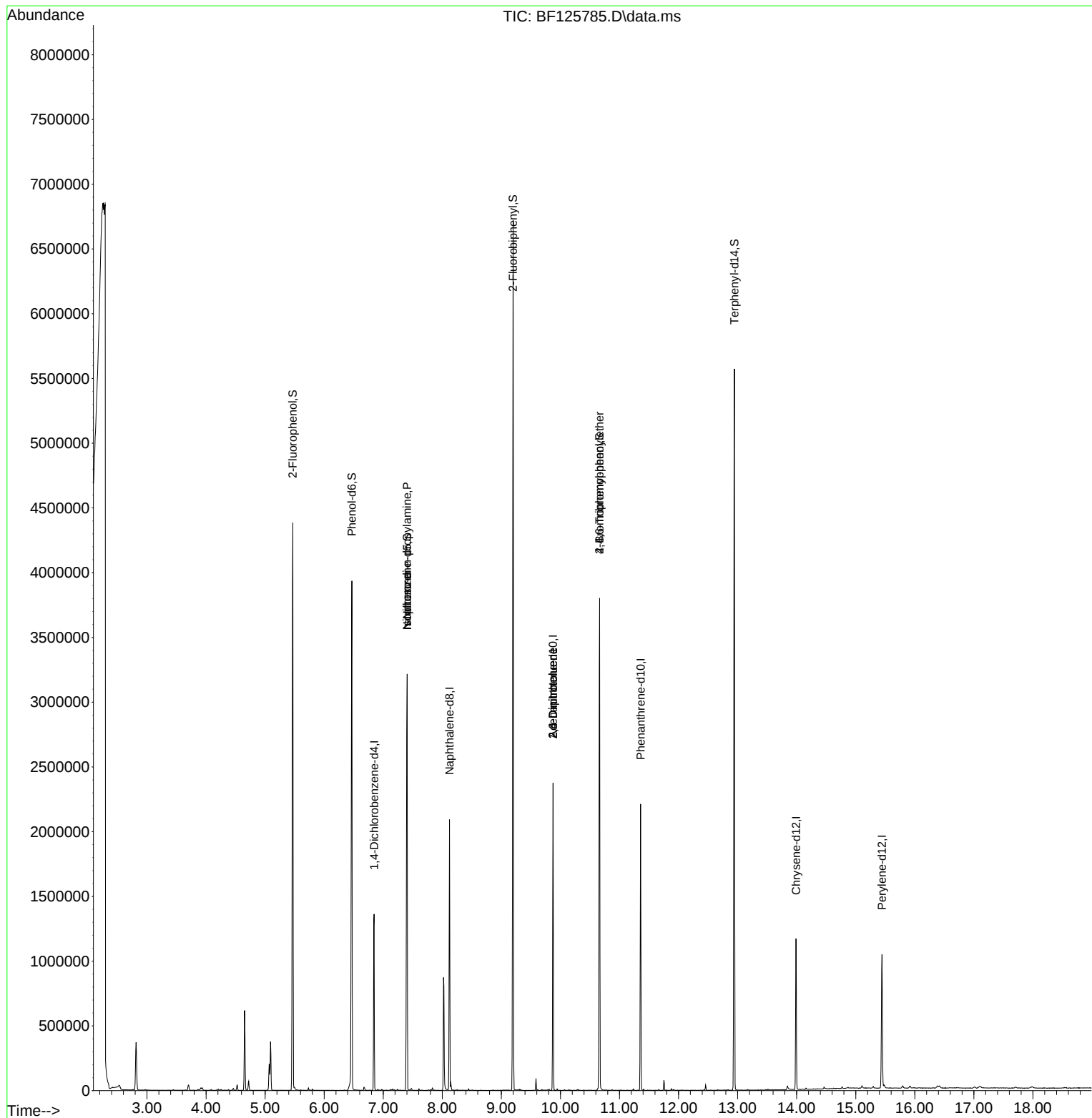
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	214685	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	860988	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	446977	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	729277	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	419280	20.000	ng	0.00
86) Perylene-d12	15.445	264	449532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1372200	104.416	ng	0.01
7) Phenol-d6	6.469	99	1506488	89.048	ng	0.00
23) Nitrobenzene-d5	7.404	82	1087997	78.549	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	492408	111.580	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2098647	80.984	ng	0.00
79) Terphenyl-d14	12.945	244	1916997	69.645	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	136031	15.232	ng	# 50
25) Isophorone	7.404	82	1087611	44.322	ng	# 59
51) 2,6-Dinitrotoluene	9.875	165	55593	9.347	ng	# 27
57) 2,4-Dinitrotoluene	9.875	165	55593	7.393	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	27971	3.463	ng	# 1

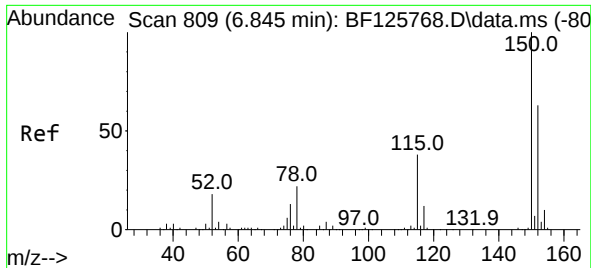
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
Data File : BF125785.D
Acq On : 8 Oct 2021 16:28
Operator : JU/CG
Sample : M4087-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-20211005-ROCK

Quant Time: Oct 08 17:27:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 17:16:23 2021
Response via : Initial Calibration

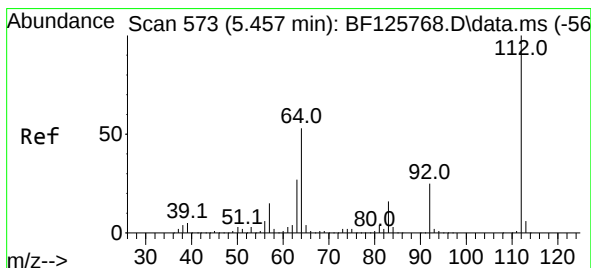
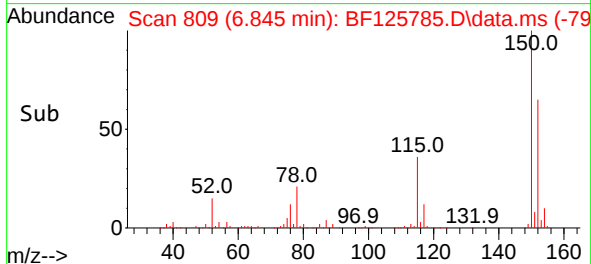
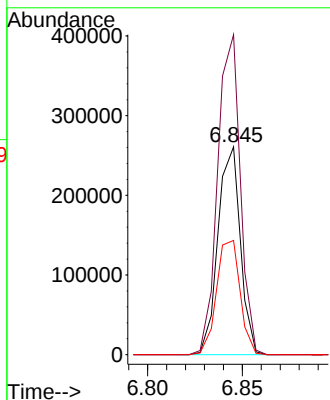
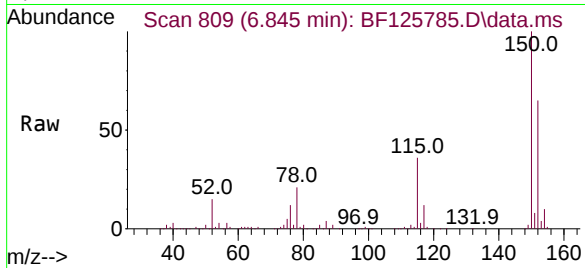




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

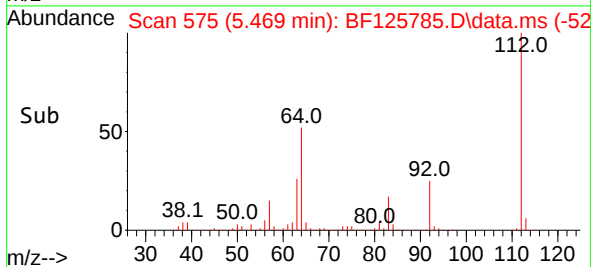
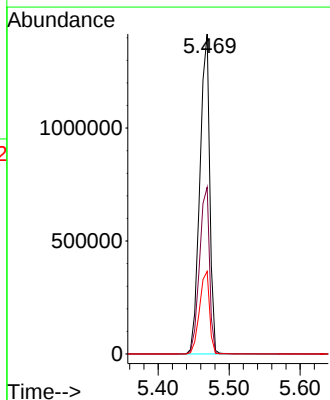
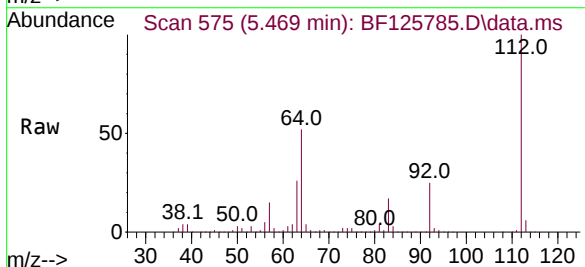
Instrument :
BNA_F
ClientSampleId :
WC-20211005-ROCK

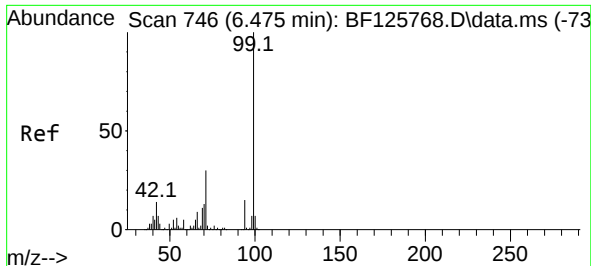
Tgt Ion:152 Resp: 214685
Ion Ratio Lower Upper
152 100
150 154.0 117.6 176.4
115 55.0 47.1 70.7



#5
2-Fluorophenol
Concen: 104.416 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

Tgt Ion:112 Resp: 1372200
Ion Ratio Lower Upper
112 100
64 52.1 44.2 66.2
63 25.8 26.2 39.2#

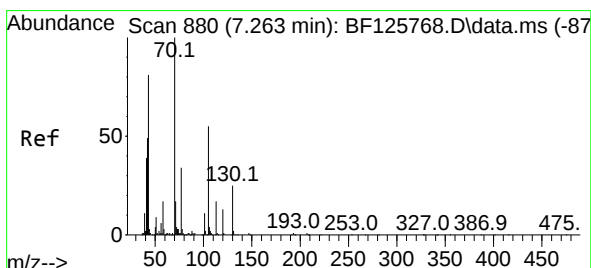
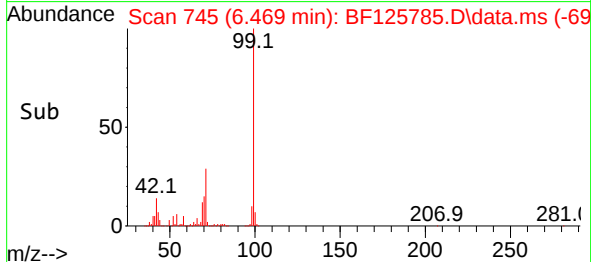
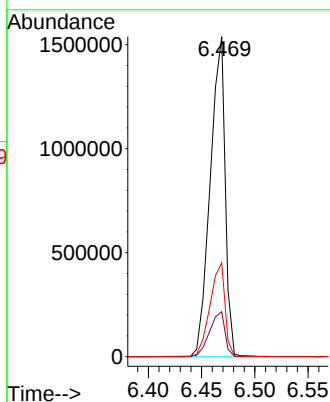
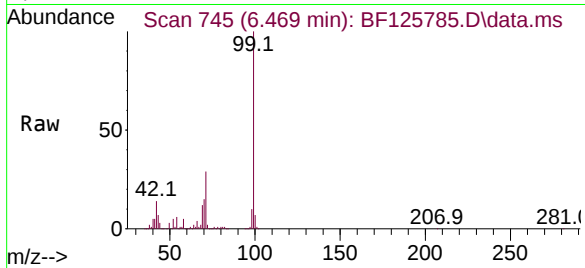




#7
Phenol-d6
Concen: 89.048 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

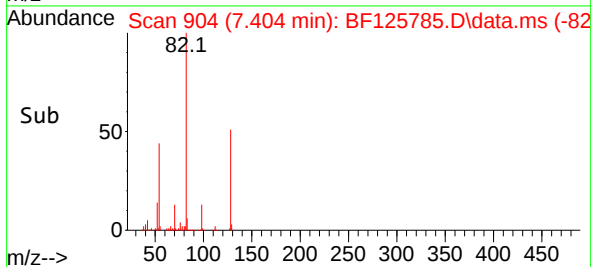
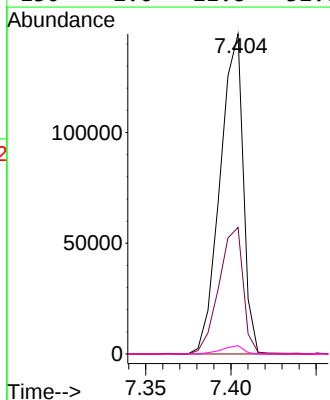
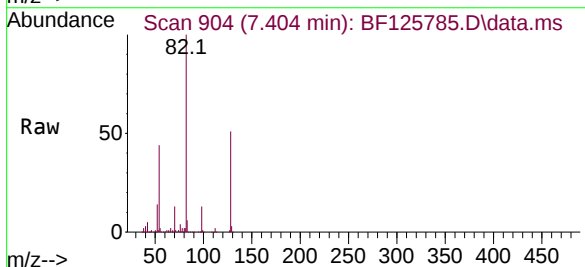
Instrument :
BNA_F
ClientSampleId :
WC-20211005-ROCK

Tgt Ion: 99 Resp: 1506488
Ion Ratio Lower Upper
99 100
42 14.0 23.5 35.3#
71 29.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.232 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

Tgt Ion: 70 Resp: 136031
Ion Ratio Lower Upper
70 100
42 39.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#



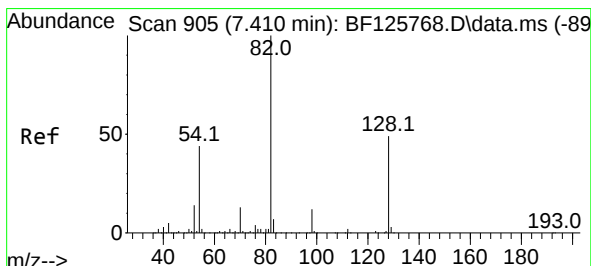
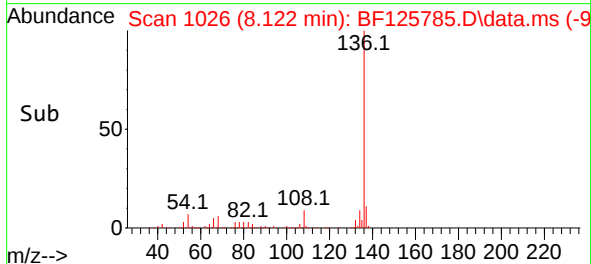
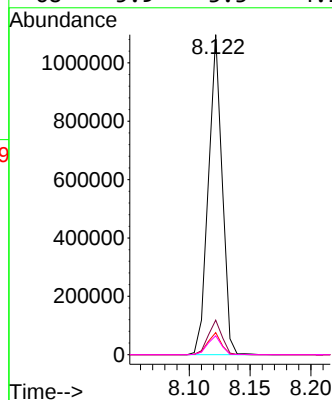
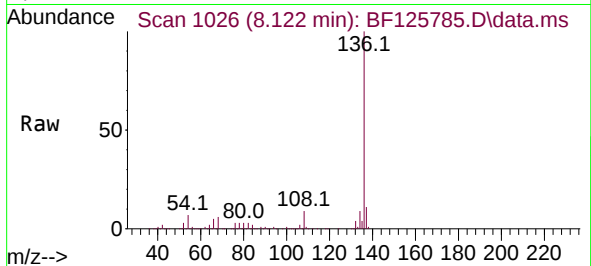


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

Instrument :
BNA_F
ClientSampleId :
WC-20211005-ROCK

Tgt Ion:136 Resp: 860988

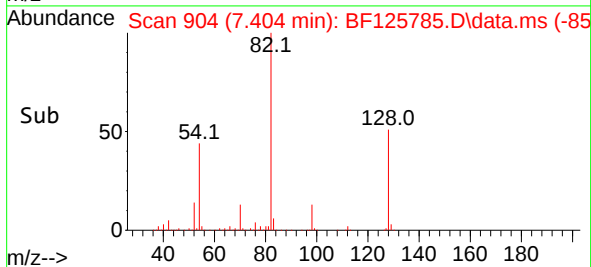
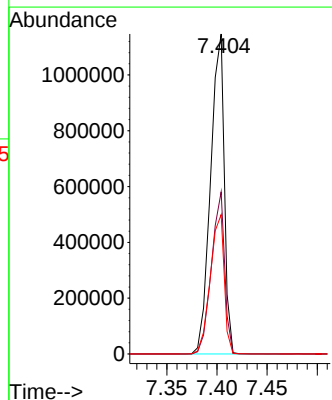
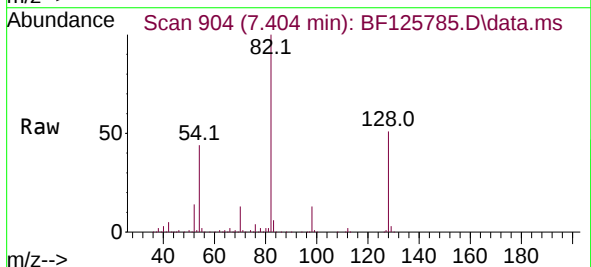
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	6.9	6.4	9.6
68	5.9	3.3	4.9

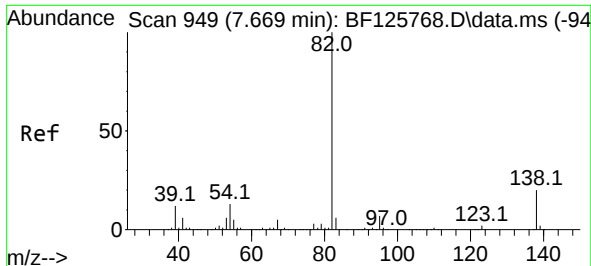


#23
Nitrobenzene-d5
Concen: 78.549 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

Tgt Ion: 82 Resp: 1087997

Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.6	60.8
54	43.5	49.6	74.4

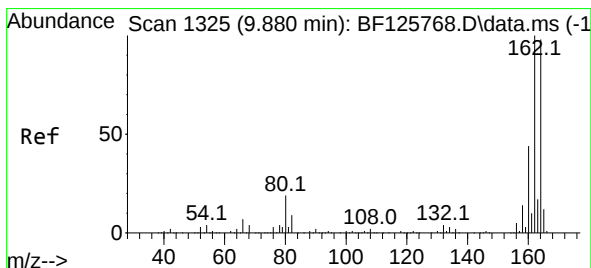
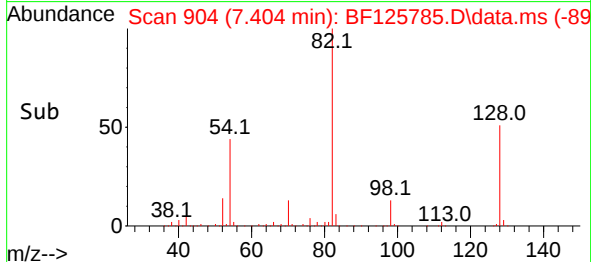
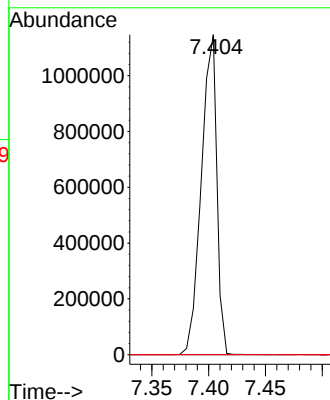
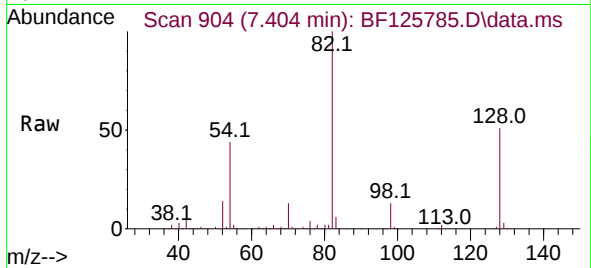




#25
Isophorone
Concen: 44.322 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

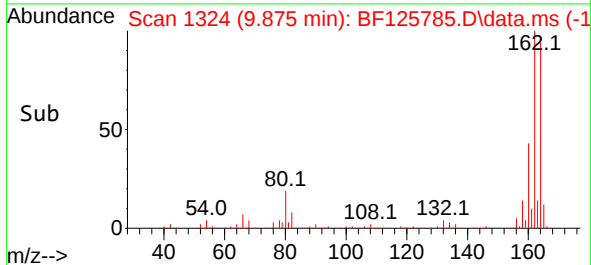
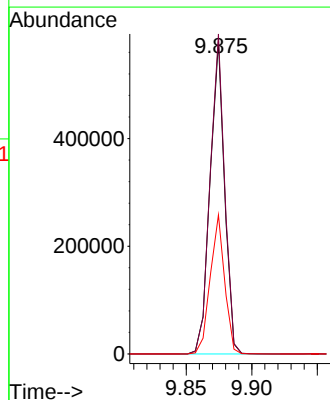
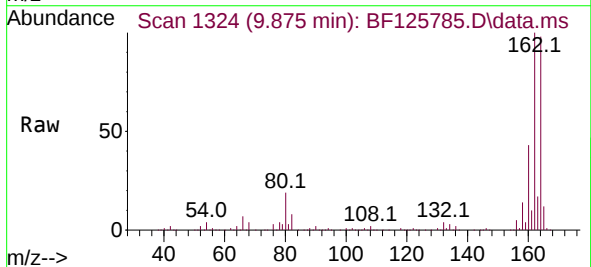
Instrument :
BNA_F
ClientSampleId :
WC-20211005-ROCK

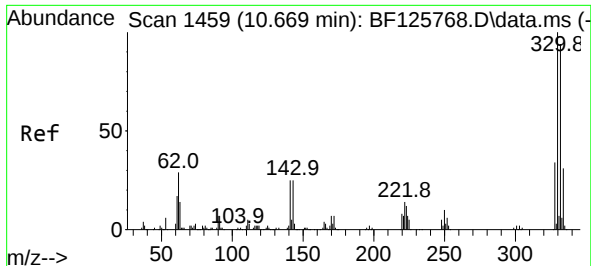
Tgt Ion: 82 Resp: 1087611
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

Tgt Ion:164 Resp: 446977
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 44.5 38.0 57.0

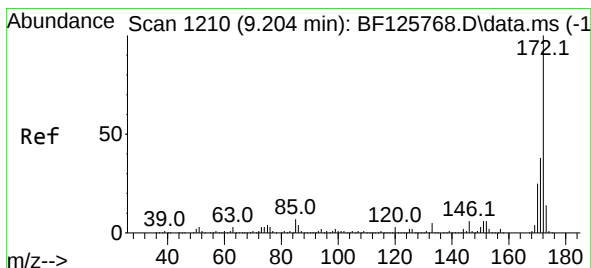
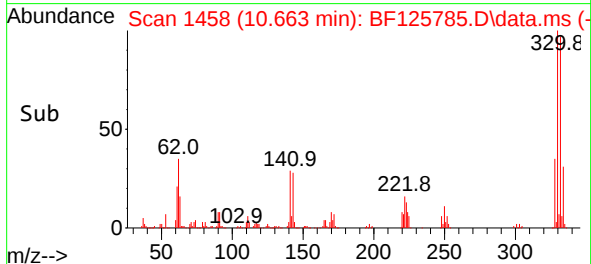
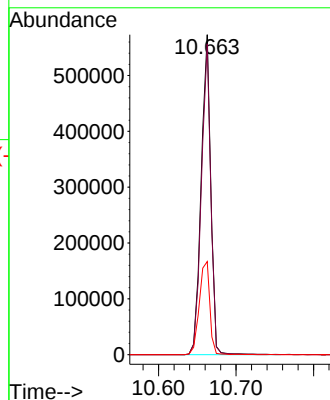
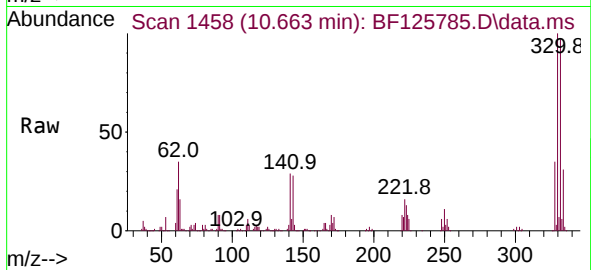




#42
2,4,6-Tribromophenol
Concen: 111.580 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

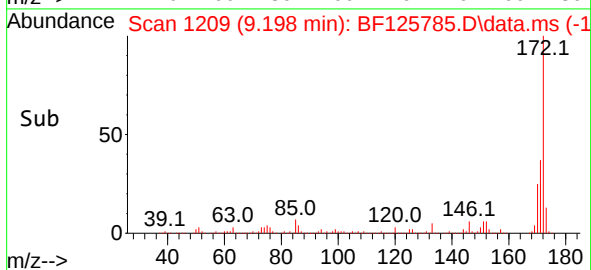
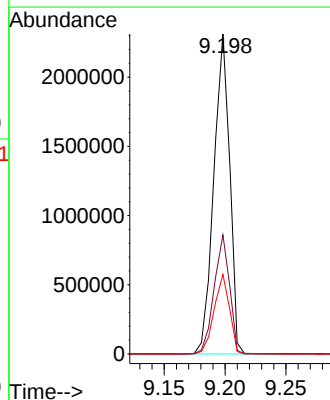
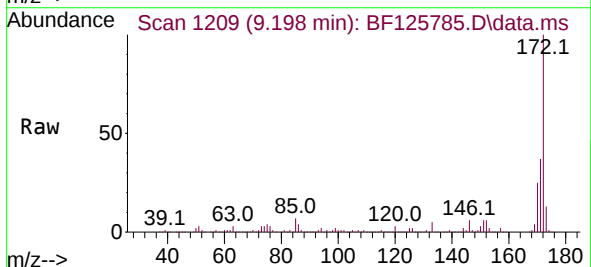
Instrument :
BNA_F
ClientSampleId :
WC-20211005-ROCK

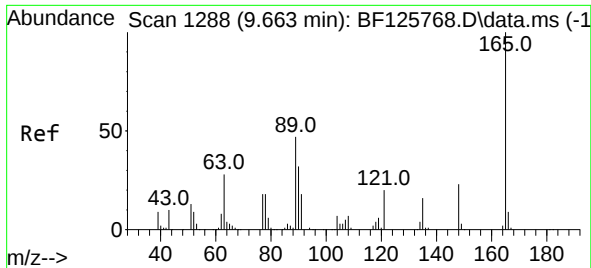
Tgt Ion:330 Resp: 492408
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 31.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 80.984 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

Tgt Ion:172 Resp: 2098647
Ion Ratio Lower Upper
172 100
171 37.2 26.5 39.7
170 24.8 18.8 28.2

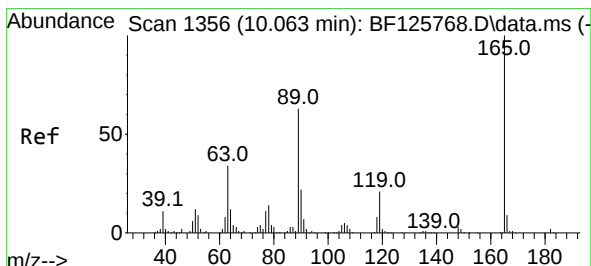
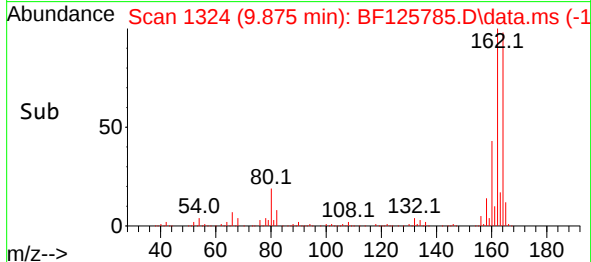
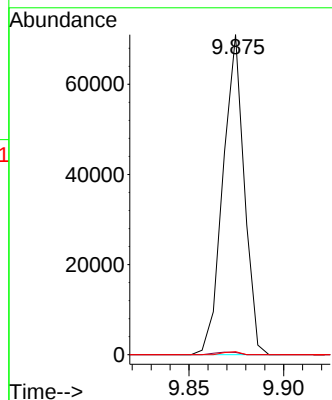
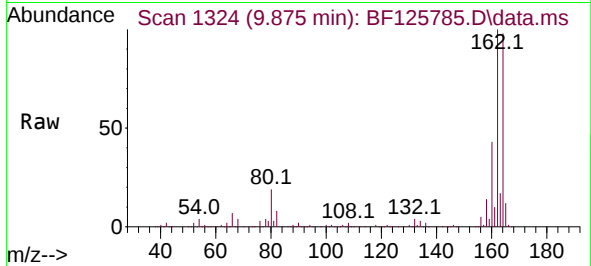




#51
2,6-Dinitrotoluene
Concen: 9.347 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

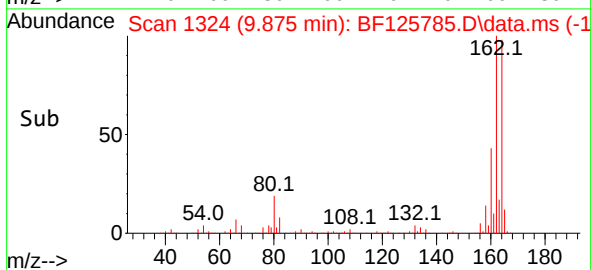
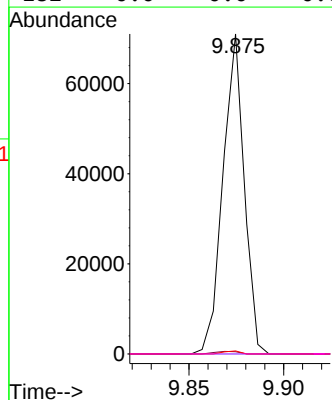
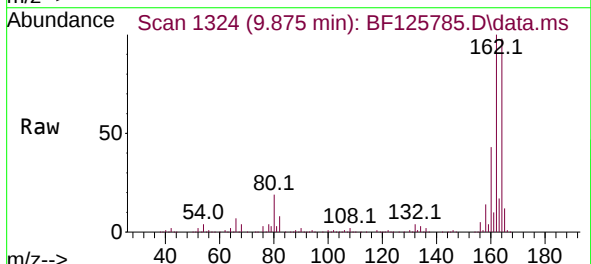
Instrument :
BNA_F
ClientSampleId :
WC-20211005-ROCK

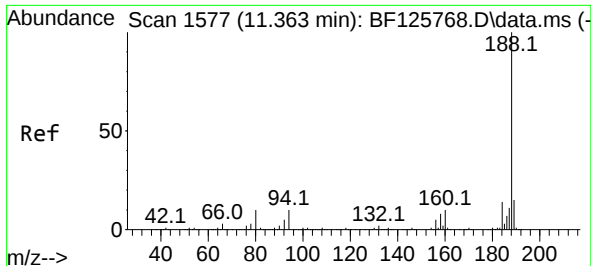
Tgt Ion:165 Resp: 55593
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.393 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

Tgt Ion:165 Resp: 55593
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

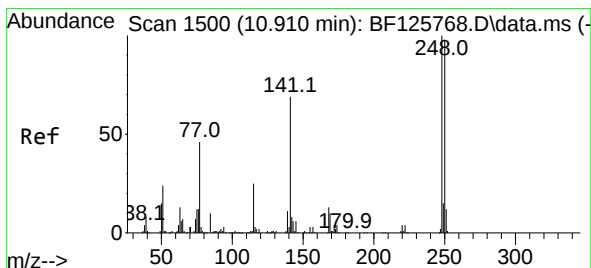
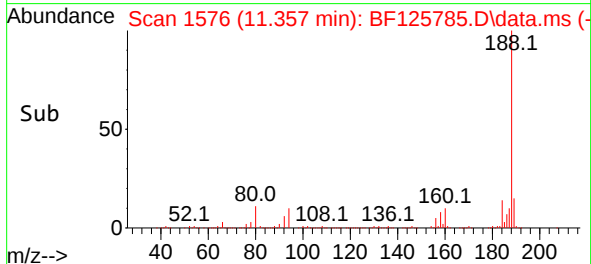
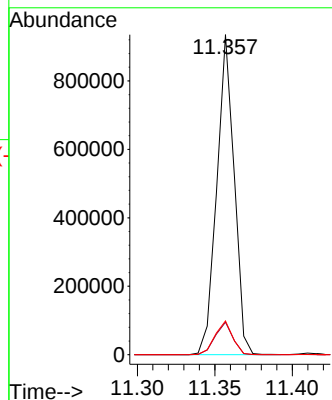
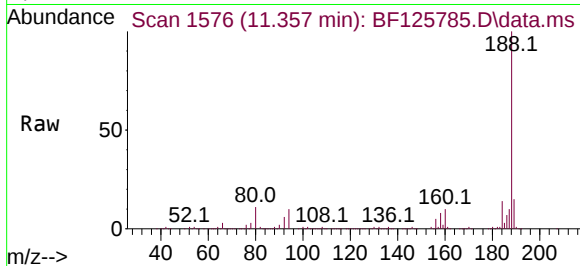




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

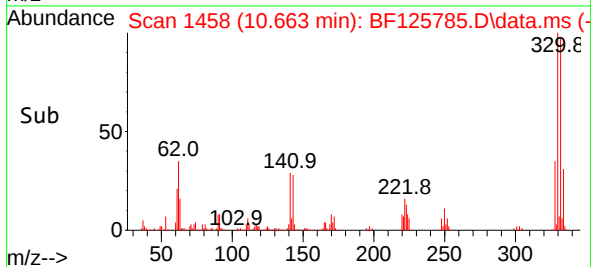
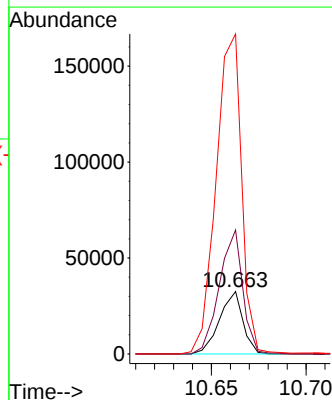
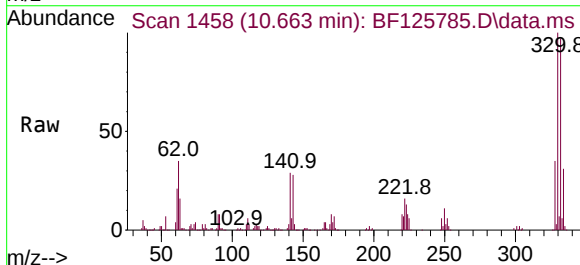
Instrument :
BNA_F
ClientSampleId :
WC-20211005-ROCK

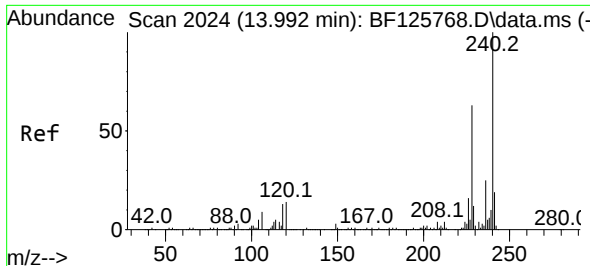
Tgt Ion:188 Resp: 729277
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.463 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

Tgt Ion:248 Resp: 27971
Ion Ratio Lower Upper
248 100
250 198.5 74.2 111.4#
141 512.1 60.4 90.6#

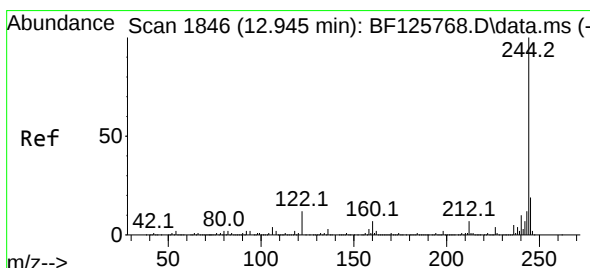
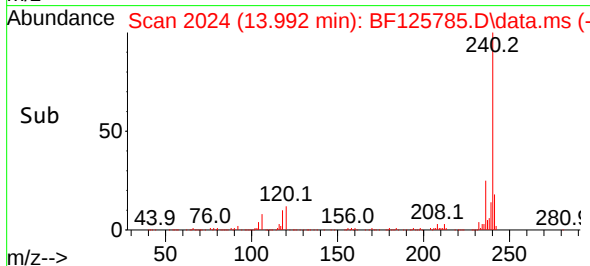
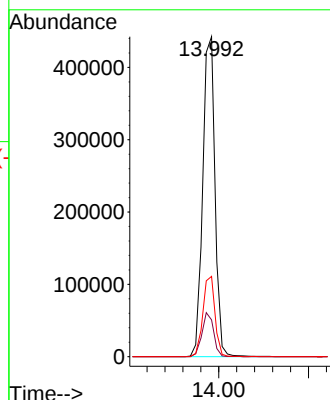
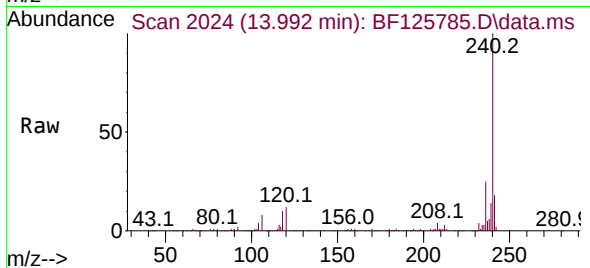




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

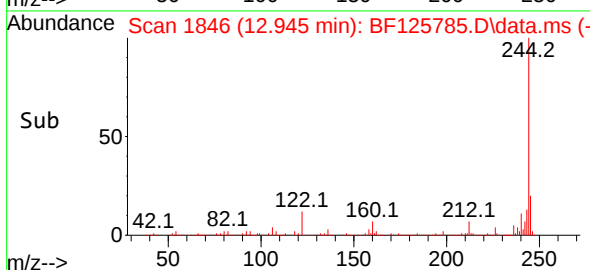
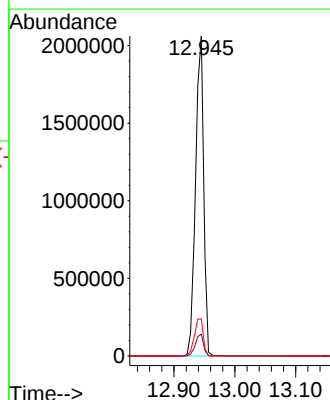
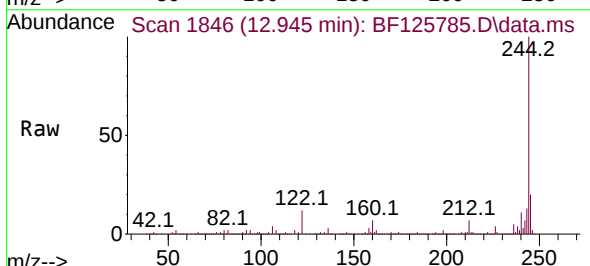
Instrument :
BNA_F
ClientSampleId :
WC-20211005-ROCK

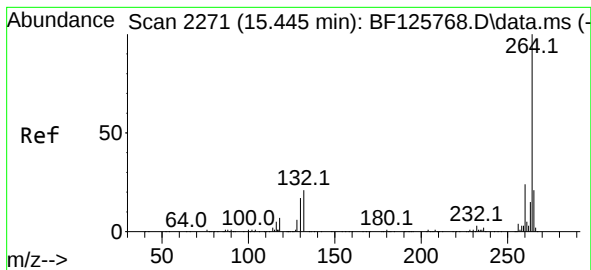
Tgt Ion:240 Resp: 419280
Ion Ratio Lower Upper
240 100
120 11.5 10.8 16.2
236 25.1 21.6 32.4



#79
Terphenyl-d14
Concen: 69.645 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

Tgt Ion:244 Resp: 1916997
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.6 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF125785.D
 Acq: 8 Oct 2021 16:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-20211005-ROCK

Tgt Ion:264 Resp: 449532
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.6 29.4
 265 20.3 17.2 25.8

