

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125577.D
 Acq On : 23 Sep 2021 00:59
 Operator : JU/CG
 Sample : M3822-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PILLARS-1

Quant Time: Sep 23 04:51:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 19:21:36 2021
 Response via : Initial Calibration

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

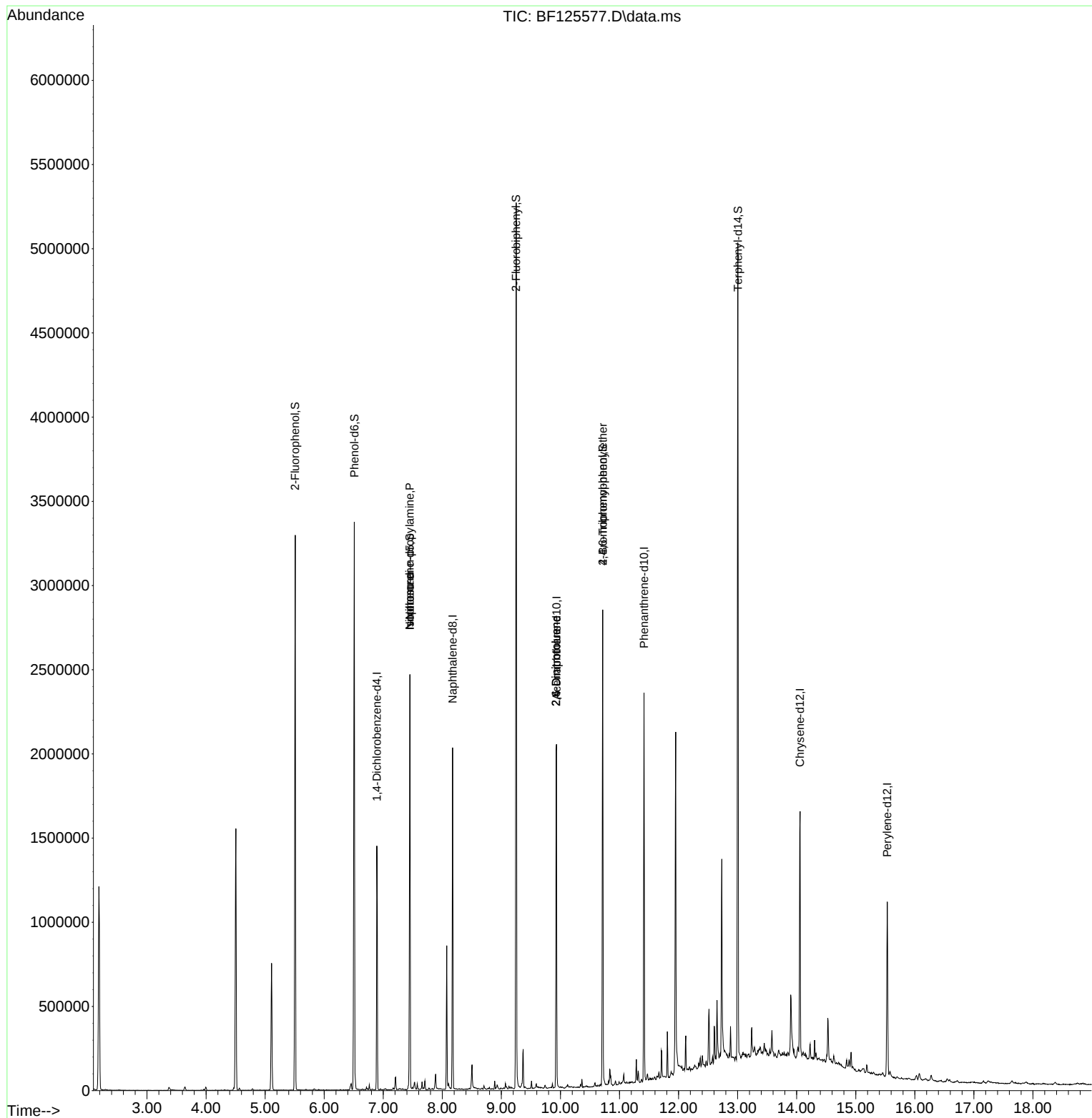
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	208636	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	863654	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	461322	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	777697	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	493457	20.000	ng	0.00
86) Perylene-d12	15.533	264	430217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	959865	72.753	ng	0.00
7) Phenol-d6	6.510	99	1249081	73.429	ng	-0.01
23) Nitrobenzene-d5	7.451	82	776652	57.357	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	339613	75.161	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1647745	61.545	ng	-0.01
79) Terphenyl-d14	13.004	244	1614691	52.840	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.440	77	219	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	95524	9.383	ng	# 53
25) Isophorone	7.451	82	773657	26.550	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	56918	9.011	ng	# 27
57) 2,4-Dinitrotoluene	9.928	165	56918	7.519	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	20127	2.265	ng	# 1

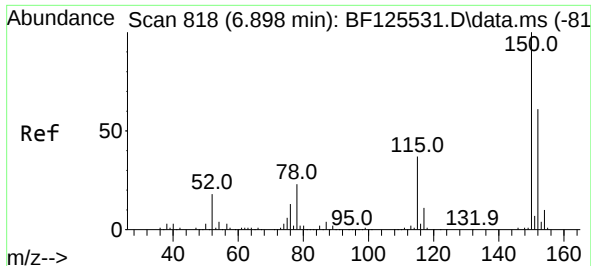
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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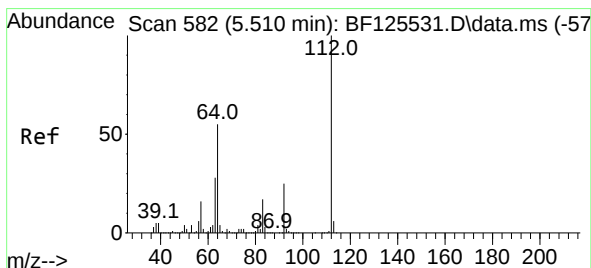
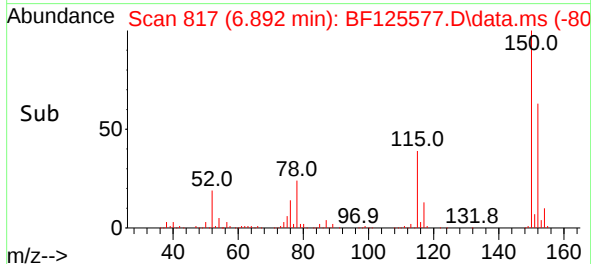
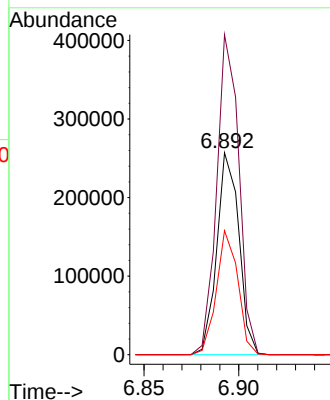
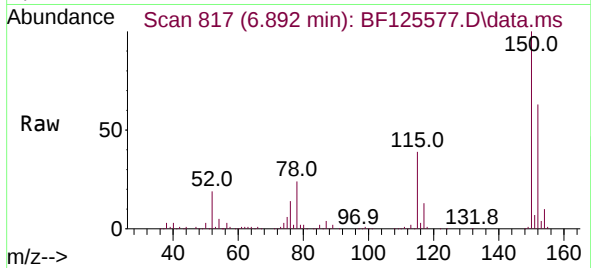




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125577.D
Acq: 23 Sep 2021 00:59

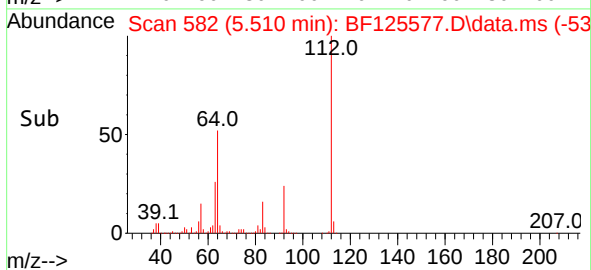
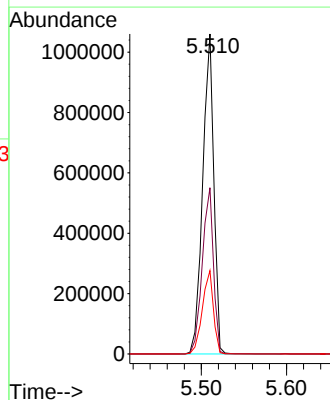
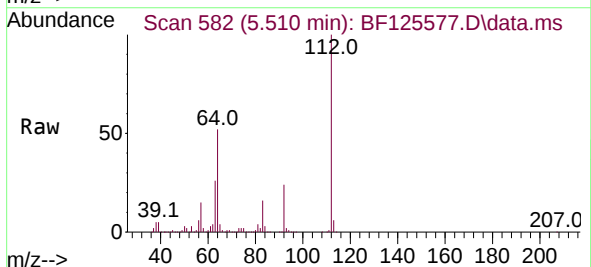
Instrument :
BNA_F
ClientSampleId :
PILLARS-1

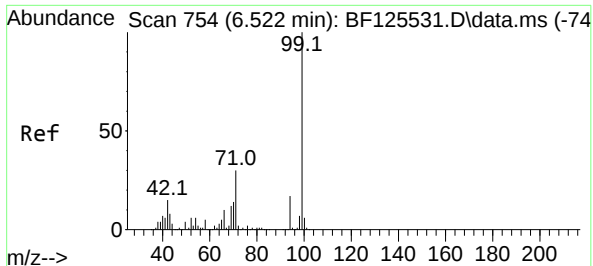
Tgt Ion:152 Resp: 208636
Ion Ratio Lower Upper
152 100
150 158.5 117.6 176.4
115 61.4 47.1 70.7



#5
2-Fluorophenol
Concen: 72.753 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF125577.D
Acq: 23 Sep 2021 00:59

Tgt Ion:112 Resp: 959865
Ion Ratio Lower Upper
112 100
64 52.0 44.2 66.2
63 26.1 26.2 39.2#

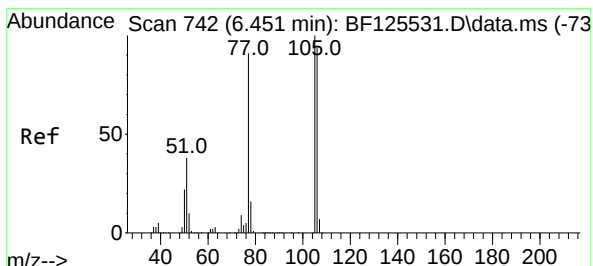
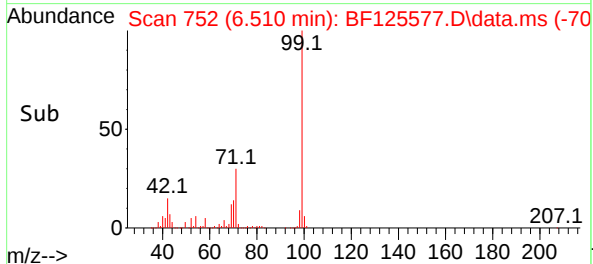
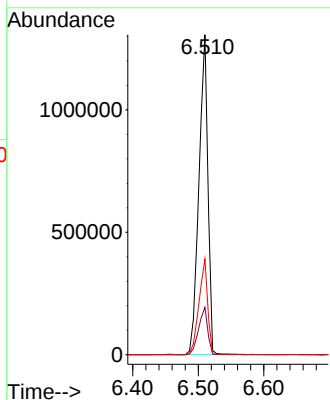
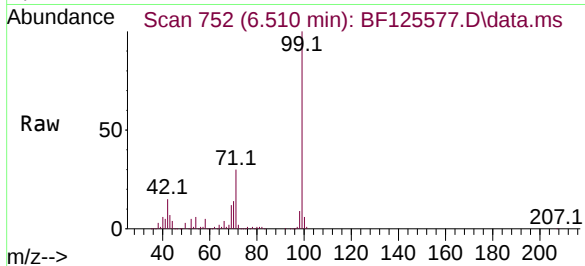




#7
Phenol-d6
Concen: 73.429 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125577.D
Acq: 23 Sep 2021 00:59

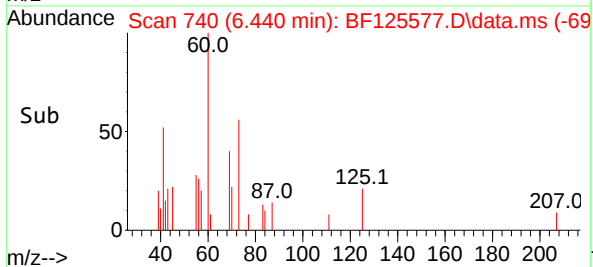
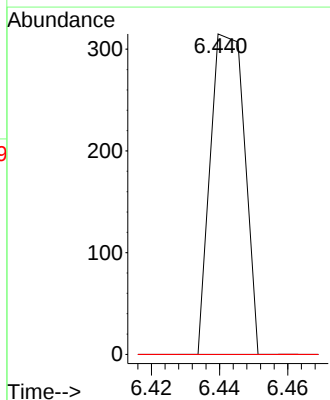
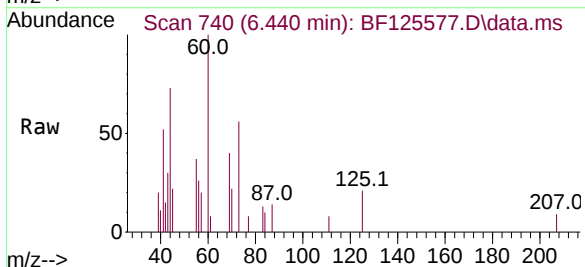
Instrument :
BNA_F
ClientSampleId :
PILLARS-1

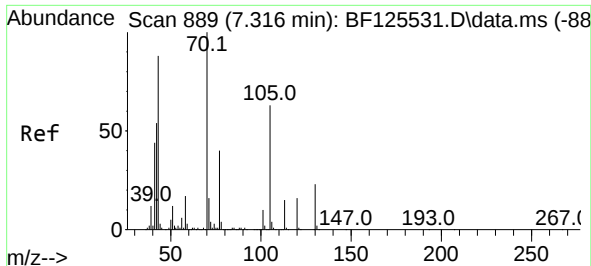
Tgt Ion: 99 Resp: 1249081
Ion Ratio Lower Upper
99 100
42 14.8 23.5 35.3#
71 29.9 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.440 min Scan# 740
Delta R.T. -0.011 min
Lab File: BF125577.D
Acq: 23 Sep 2021 00:59

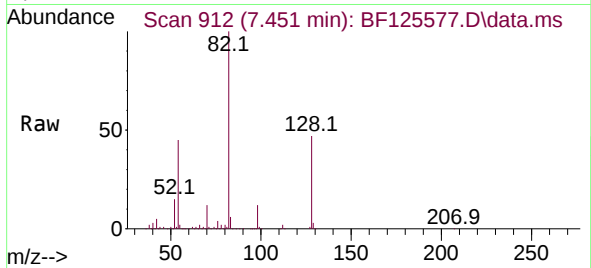
Tgt Ion: 77 Resp: 219
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



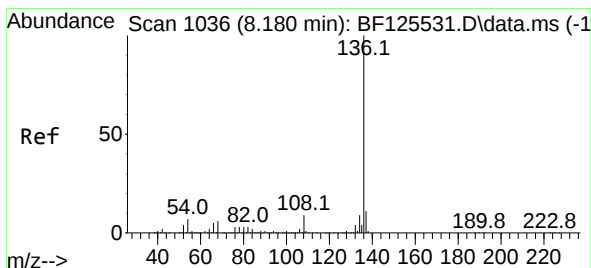
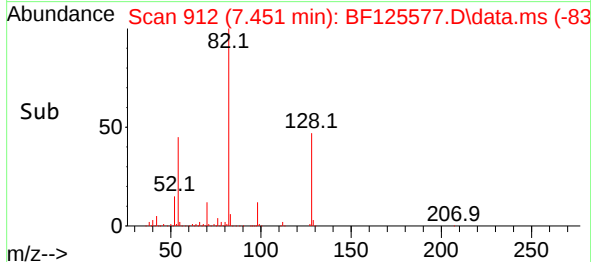
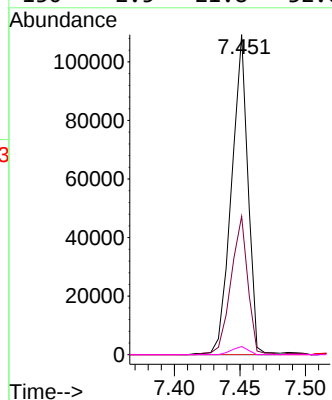


#19
n-Nitroso-di-n-propylamine
Concen: 9.383 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125577.D
Acq: 23 Sep 2021 00:59

Instrument :
BNA_F
ClientSampleId :
PILLARS-1

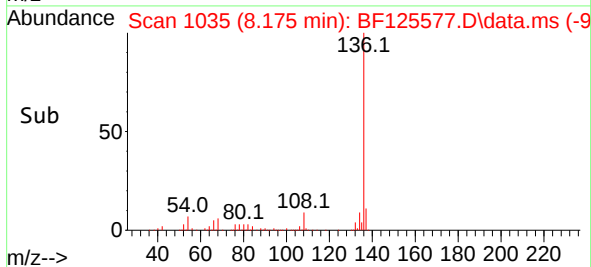
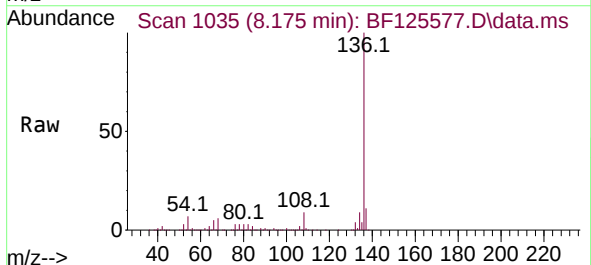
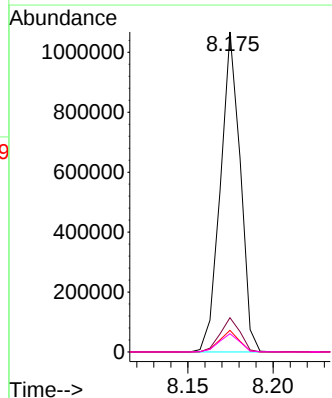


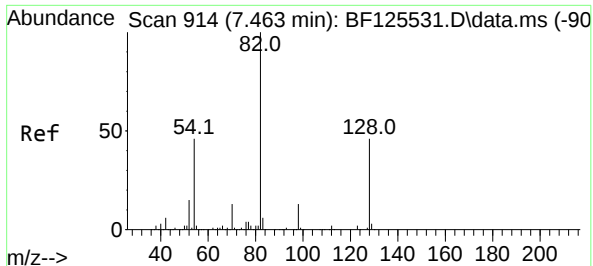
Tgt Ion: 70 Resp: 95524
Ion Ratio Lower Upper
70 100
42 43.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125577.D
Acq: 23 Sep 2021 00:59

Tgt Ion: 136 Resp: 863654
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 6.8 6.4 9.6
68 5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 57.357 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF125577.D

Acq: 23 Sep 2021 00:59

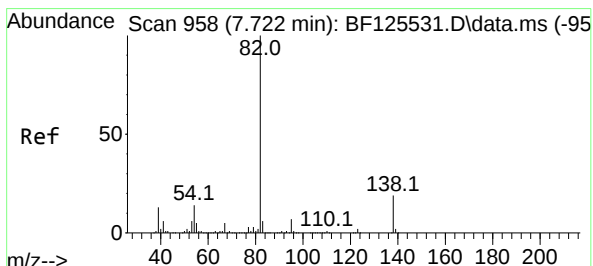
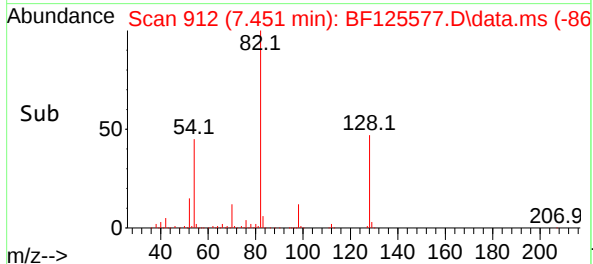
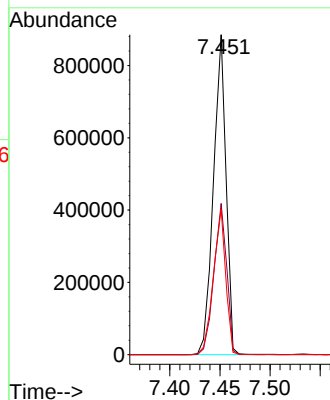
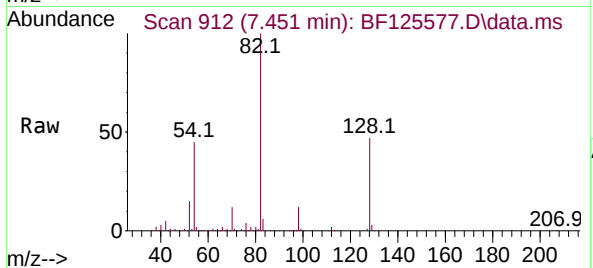
Instrument :

BNA_F

ClientSampleId :

PILLARS-1

Tgt Ion:	82	Resp:	776652
Ion	Ratio	Lower	Upper
82	100		
128	47.2	40.6	60.8
54	45.5	49.6	74.4#



#25

Isophorone

Concen: 26.550 ng

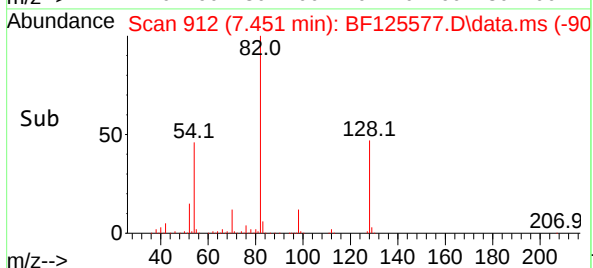
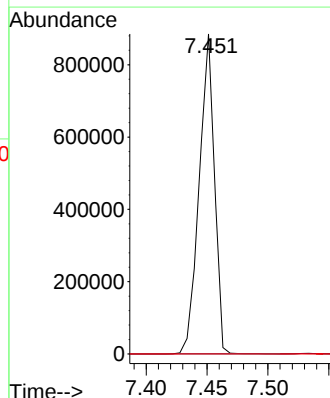
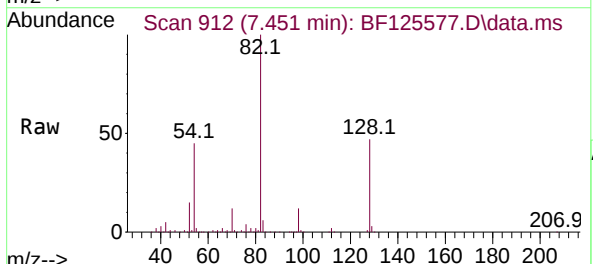
RT: 7.451 min Scan# 912

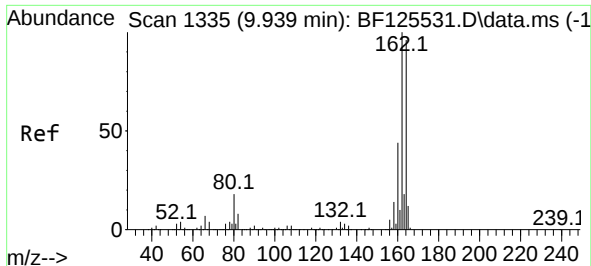
Delta R.T. -0.270 min

Lab File: BF125577.D

Acq: 23 Sep 2021 00:59

Tgt Ion:	82	Resp:	773657
Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.5	9.7#
138	0.0	18.4	27.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF125577.D

Acq: 23 Sep 2021 00:59

Instrument :

BNA_F

ClientSampleId :

PILLARS-1

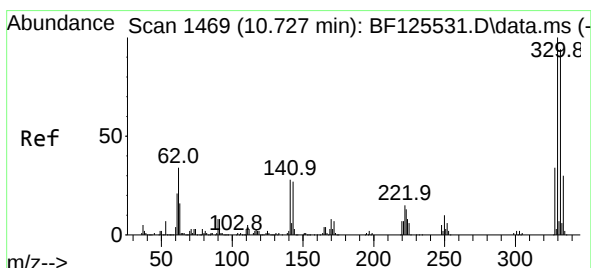
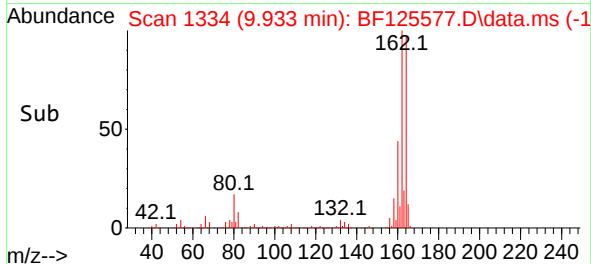
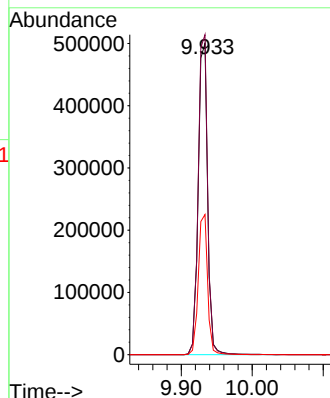
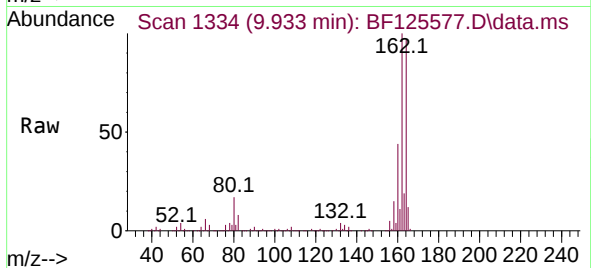
Tgt Ion:164 Resp: 461322

Ion Ratio Lower Upper

164 100

162 102.8 81.3 121.9

160 45.0 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 75.161 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.012 min

Lab File: BF125577.D

Acq: 23 Sep 2021 00:59

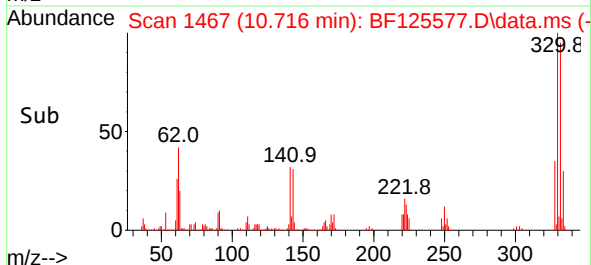
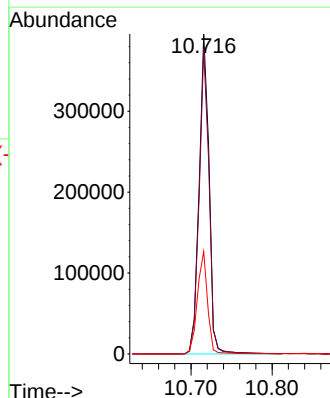
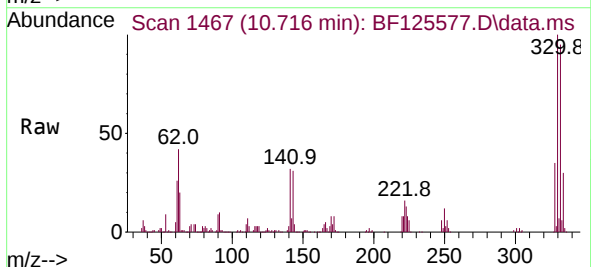
Tgt Ion:330 Resp: 339613

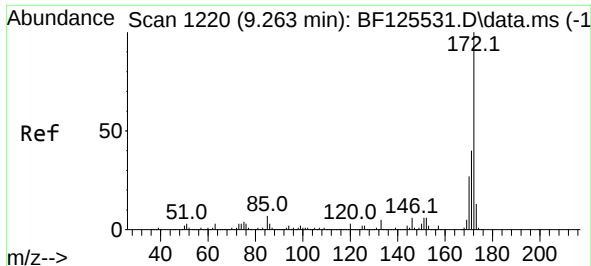
Ion Ratio Lower Upper

330 100

332 94.5 76.2 114.4

141 32.9 44.6 66.8#

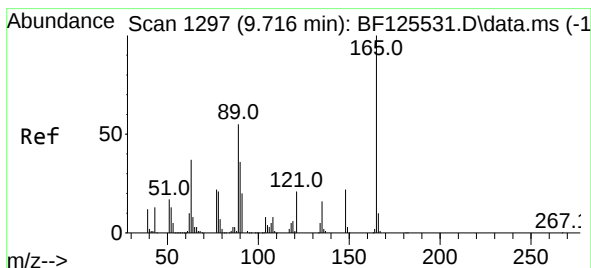
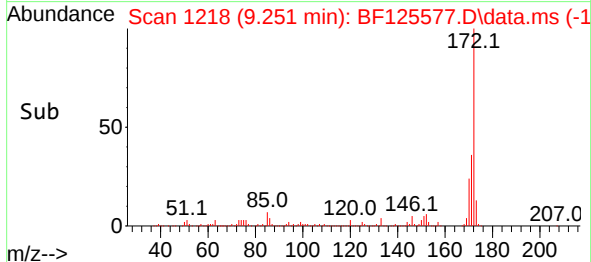
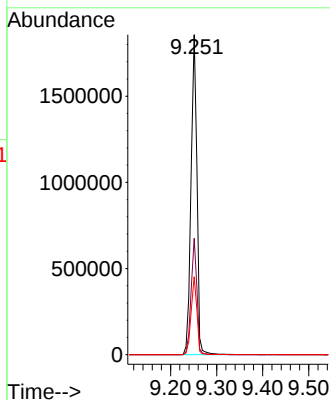
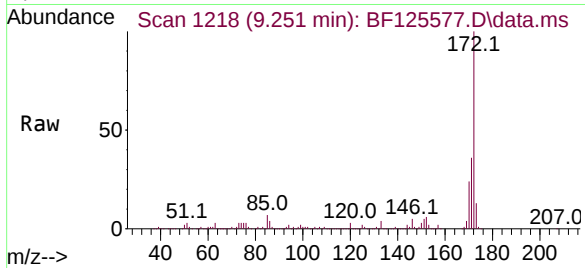




#45
2-Fluorobiphenyl
Concen: 61.545 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125577.D
Acq: 23 Sep 2021 00:59

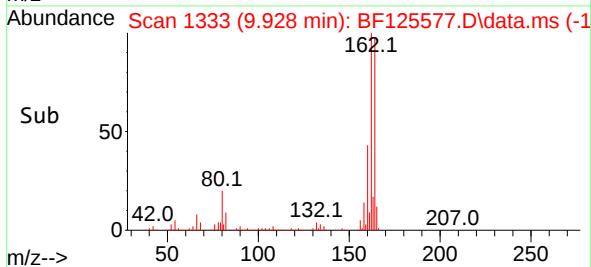
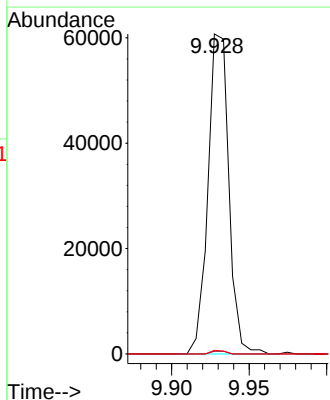
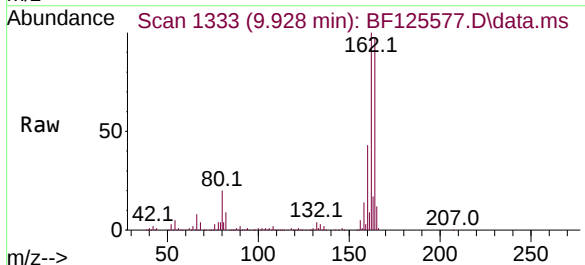
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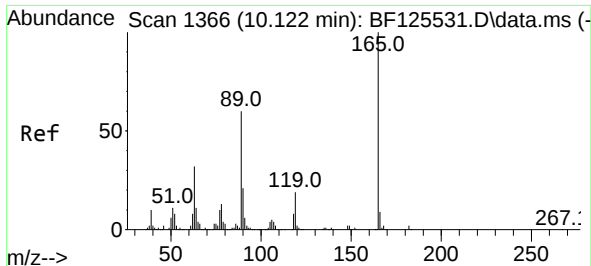
Tgt Ion:172 Resp: 1647745
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 24.4 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.011 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF125577.D
Acq: 23 Sep 2021 00:59

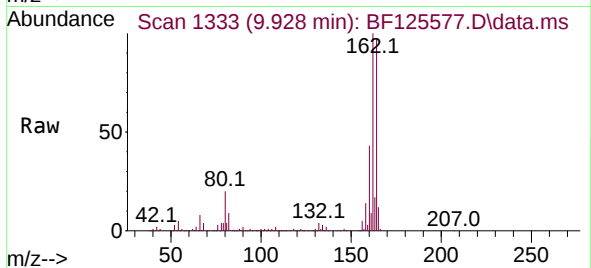
Tgt Ion:165 Resp: 56918
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.1 40.6 60.8#



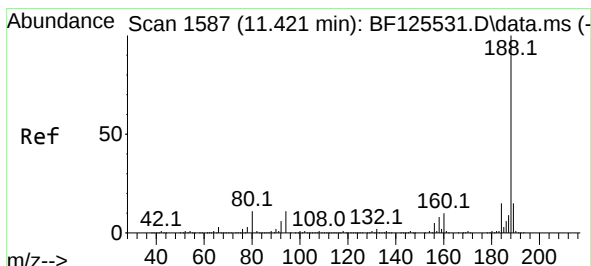
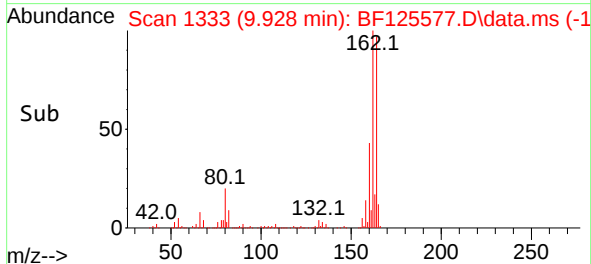
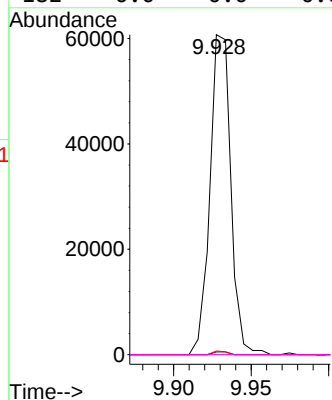


#57
2,4-Dinitrotoluene
Concen: 7.519 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF125577.D
Acq: 23 Sep 2021 00:59

Instrument :
BNA_F
ClientSampleId :
PILLARS-1

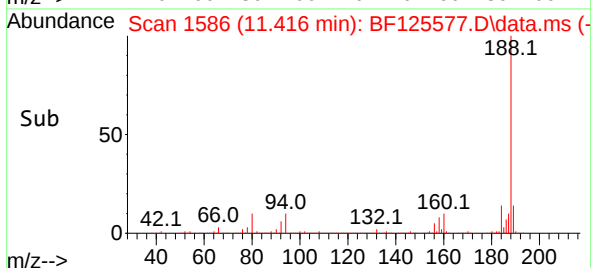
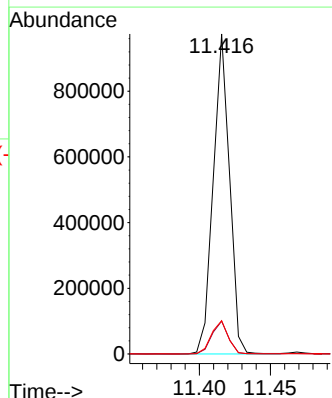
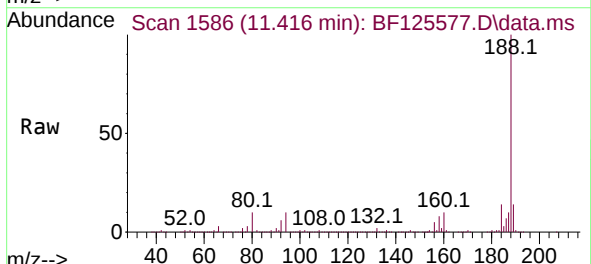


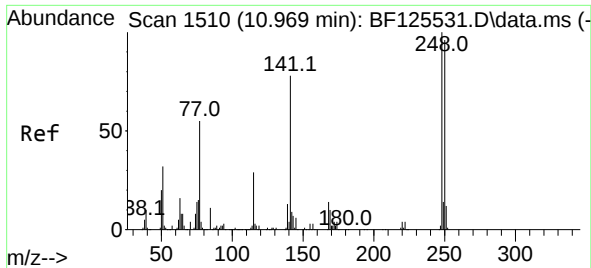
Tgt Ion:165 Resp: 56918
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125577.D
Acq: 23 Sep 2021 00:59

Tgt Ion:188 Resp: 777697
Ion Ratio Lower Upper
188 100
94 10.3 6.7 10.1#
80 10.4 7.5 11.3

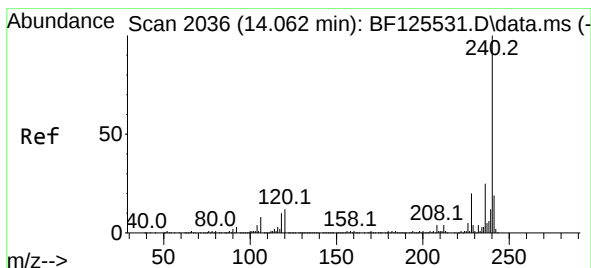
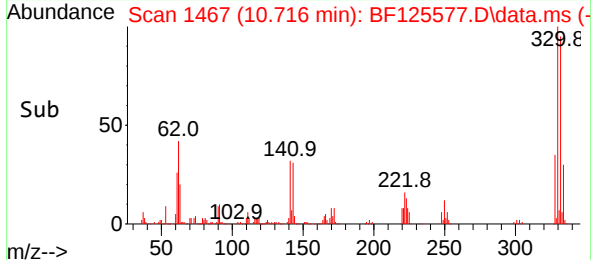
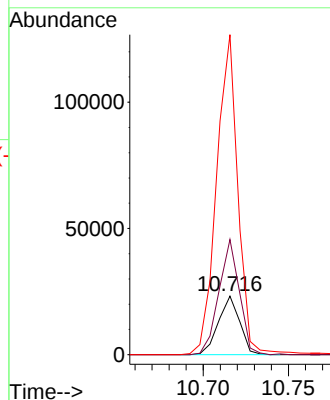
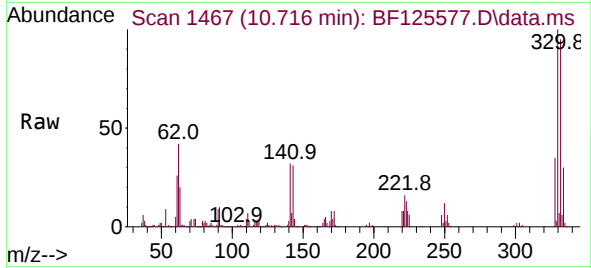




#67
4-Bromophenyl-phenylether
Concen: 2.265 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF125577.D
Acq: 23 Sep 2021 00:59

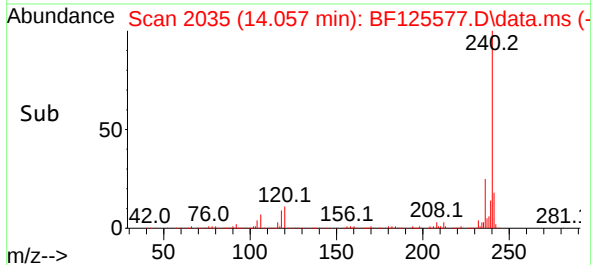
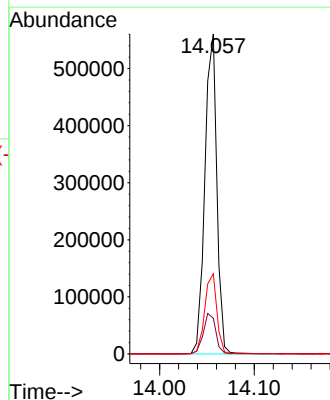
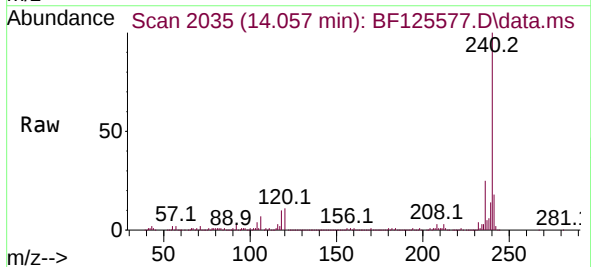
Instrument :
BNA_F
ClientSampleId :
PILLARS-1

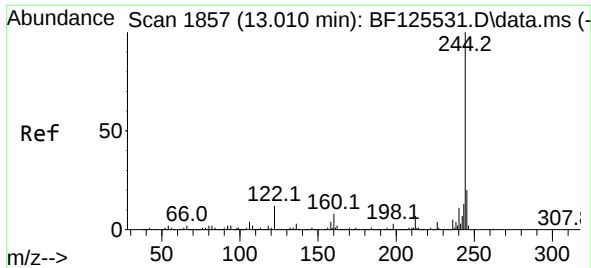
Tgt Ion:248 Resp: 20127
Ion Ratio Lower Upper
248 100
250 196.5 74.2 111.4#
141 545.8 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125577.D
Acq: 23 Sep 2021 00:59

Tgt Ion:240 Resp: 493457
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 25.0 21.6 32.4

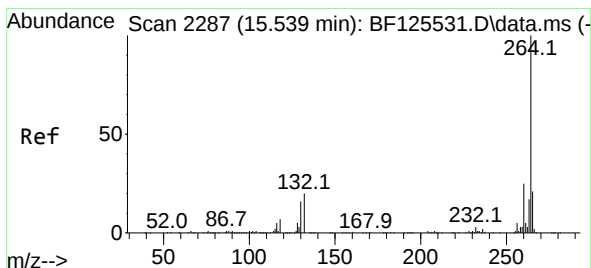
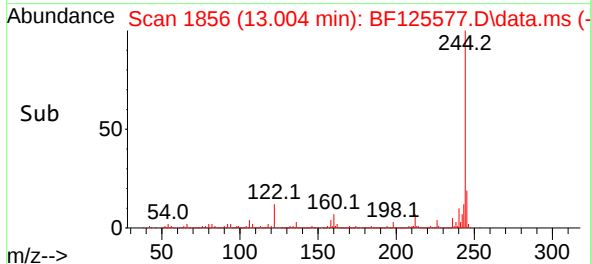
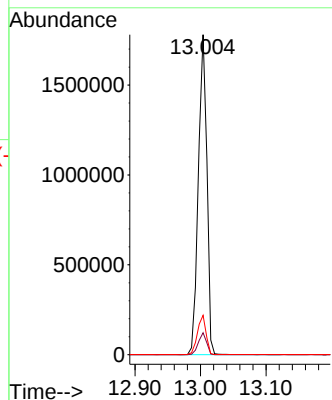
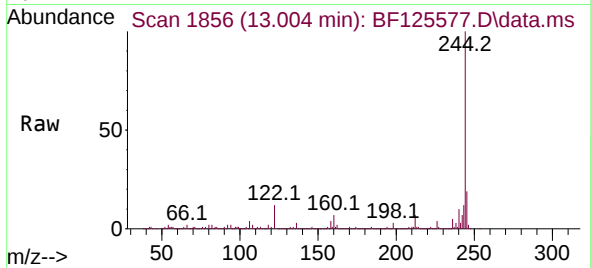




#79
Terphenyl-d14
Concen: 52.840 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125577.D
Acq: 23 Sep 2021 00:59

Instrument :
BNA_F
ClientSampleId :
PILLARS-1

Tgt Ion:244 Resp: 1614691
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 12.3 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BF125577.D
Acq: 23 Sep 2021 00:59

Tgt Ion:264 Resp: 430217
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.3 17.2 25.8

