

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
 Data File : BF125583.D
 Acq On : 23 Sep 2021 10:08
 Operator : JU/CG
 Sample : PB139286BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139286BL

Quant Time: Sep 23 11:31:12 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)

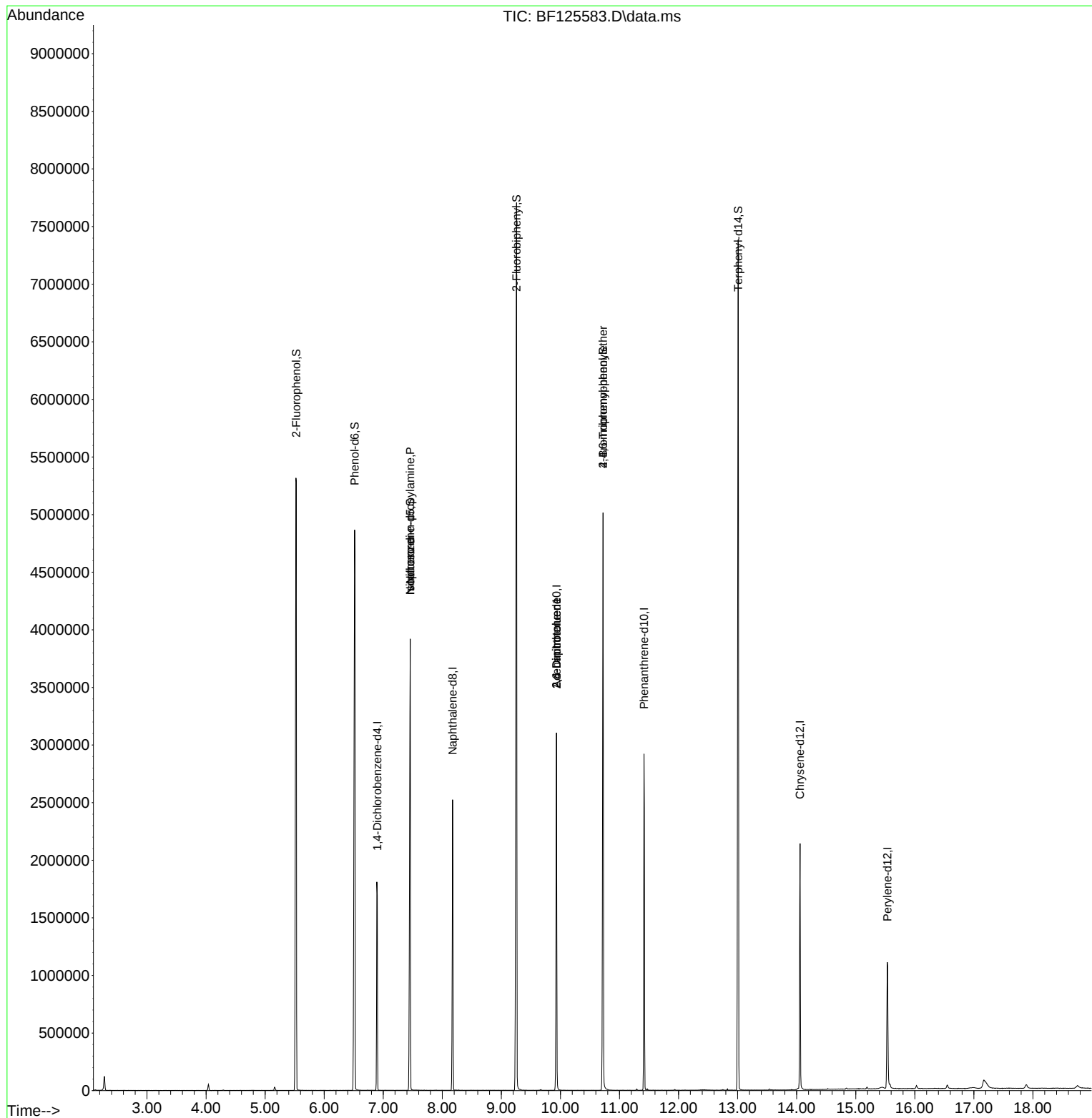
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	290217	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1224589	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	652859	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1078292	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	690883	20.000	ng	0.00
86) Perylene-d12	15.539	264	550138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2006259	109.319	ng	0.02
7) Phenol-d6	6.516	99	2444434	103.305	ng	0.00
23) Nitrobenzene-d5	7.457	82	1503431	78.305	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	702629	109.880	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2879495	79.058	ng	0.00
79) Terphenyl-d14	13.010	244	2821393	65.945	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	3818	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.457	70	188758	13.328	ng	# 51
25) Isophorone	7.457	82	1495921	36.206	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	83247	9.313	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	83247	7.771	ng	# 19
67) 4-Bromophenyl-phenylether	10.722	248	37815	3.069	ng	# 1

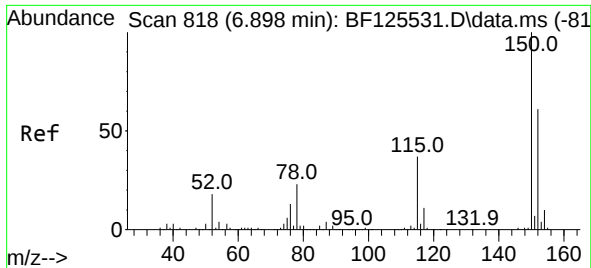
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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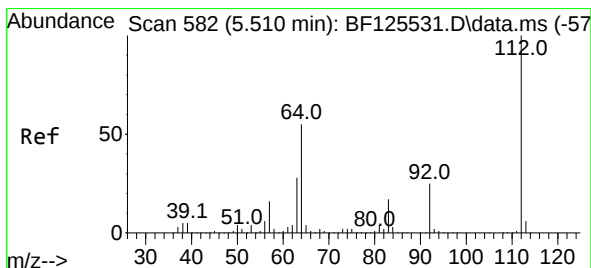
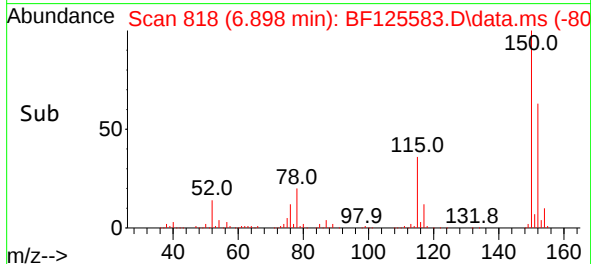
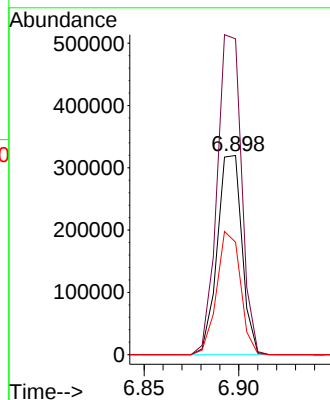
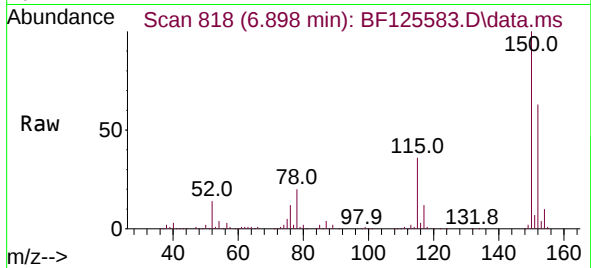




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125583.D
Acq: 23 Sep 2021 10:08

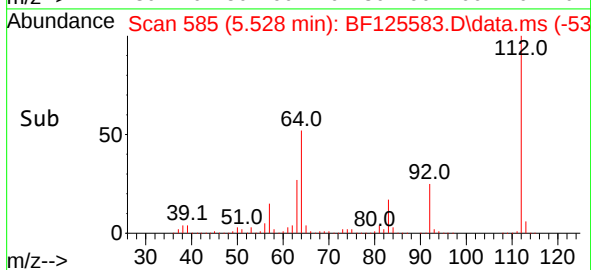
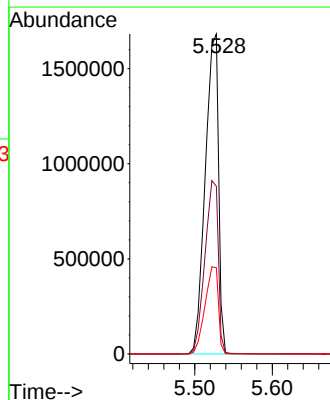
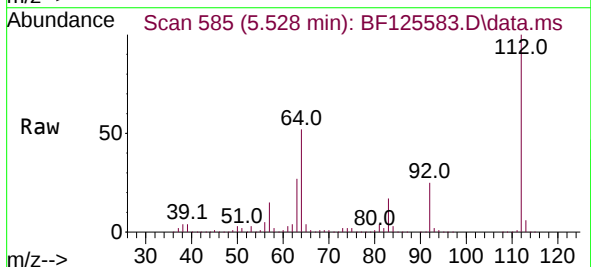
Instrument :
BNA_F
ClientSampleId :
PB139286BL

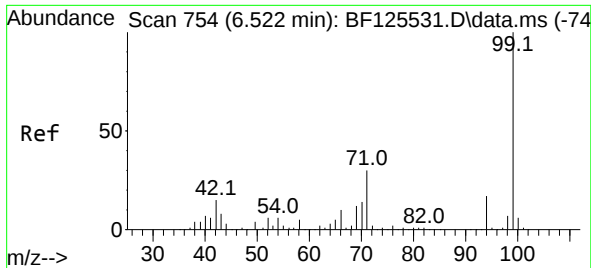
Tgt Ion:152 Resp: 290217
Ion Ratio Lower Upper
152 100
150 158.5 117.6 176.4
115 56.4 47.1 70.7



#5
2-Fluorophenol
Concen: 109.319 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF125583.D
Acq: 23 Sep 2021 10:08

Tgt Ion:112 Resp: 2006259
Ion Ratio Lower Upper
112 100
64 52.4 44.2 66.2
63 27.0 26.2 39.2

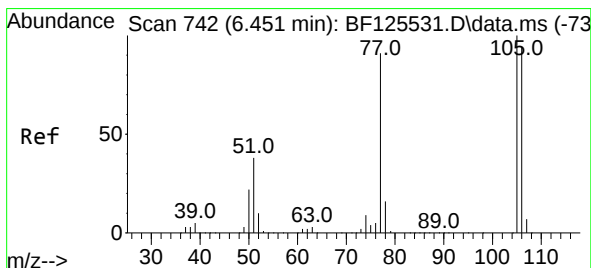
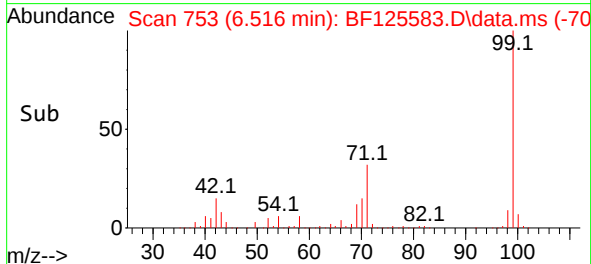
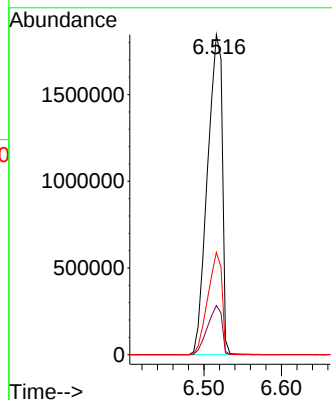
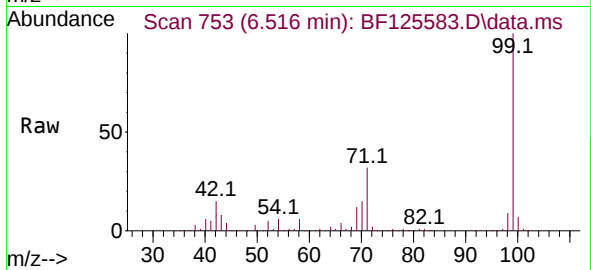




#7
Phenol-d6
Concen: 103.305 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125583.D
Acq: 23 Sep 2021 10:08

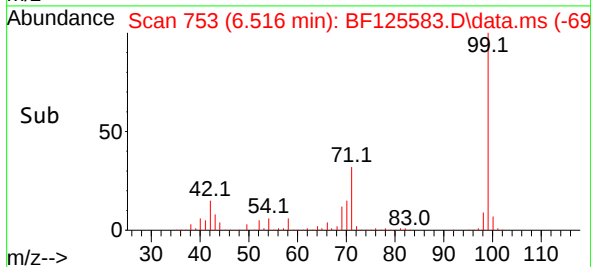
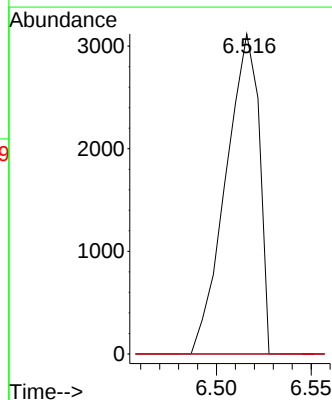
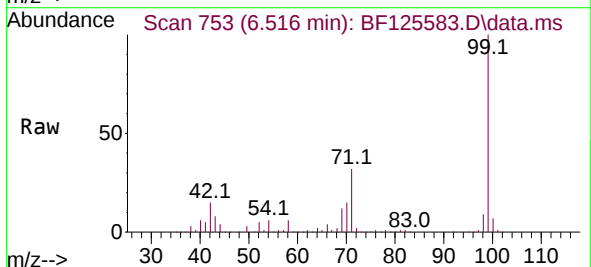
Instrument :
BNA_F
ClientSampleId :
PB139286BL

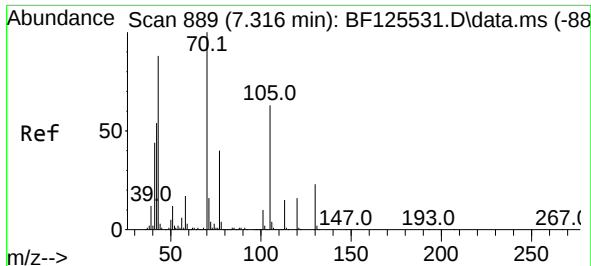
Tgt Ion: 99 Resp: 2444434
Ion Ratio Lower Upper
99 100
42 15.3 23.5 35.3#
71 32.0 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.065 min
Lab File: BF125583.D
Acq: 23 Sep 2021 10:08

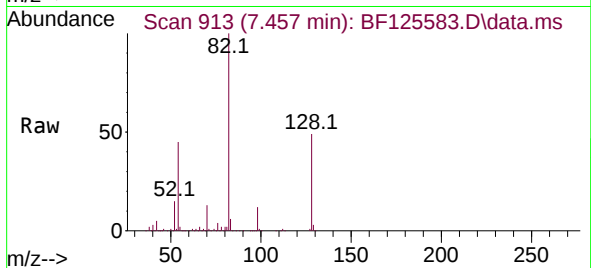
Tgt Ion: 77 Resp: 3818
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



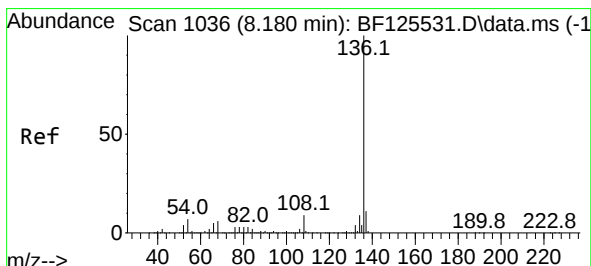
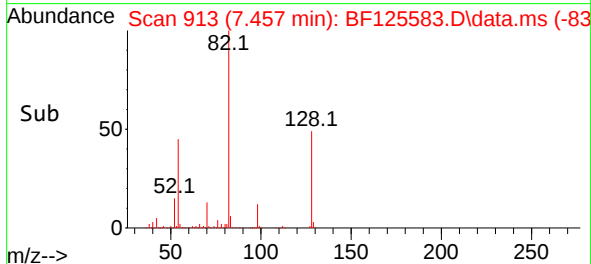
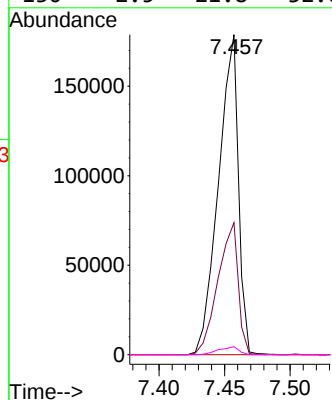


#19
n-Nitroso-di-n-propylamine
Concen: 13.328 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF125583.D
Acq: 23 Sep 2021 10:08

Instrument :
BNA_F
ClientSampleId :
PB139286BL

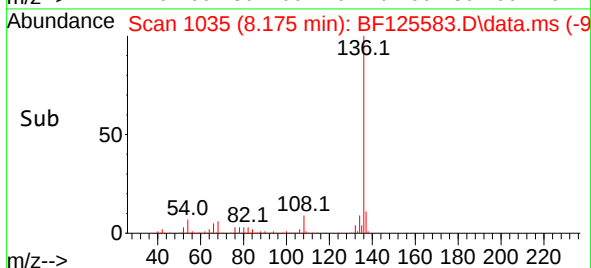
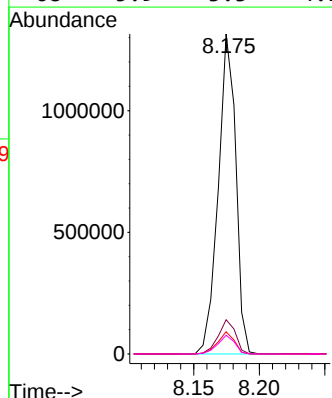
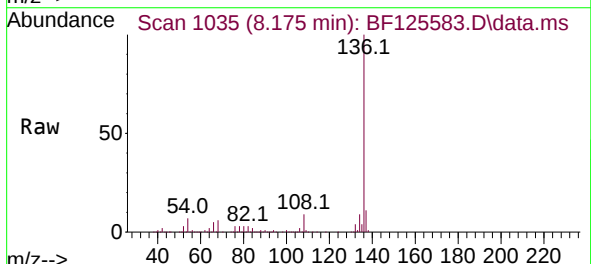


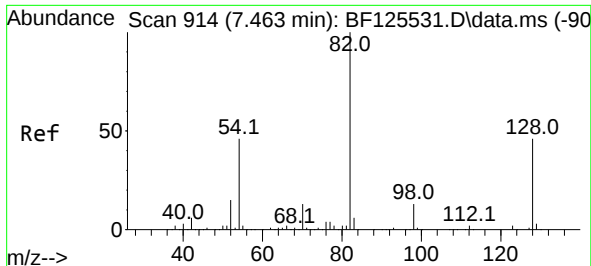
Tgt Ion: 70 Resp: 188758
Ion Ratio Lower Upper
70 100
42 41.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125583.D
Acq: 23 Sep 2021 10:08

Tgt Ion: 136 Resp: 1224589
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 7.0 6.4 9.6
68 5.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 78.305 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF125583.D

Acq: 23 Sep 2021 10:08

Tgt Ion: 82 Resp: 1503431

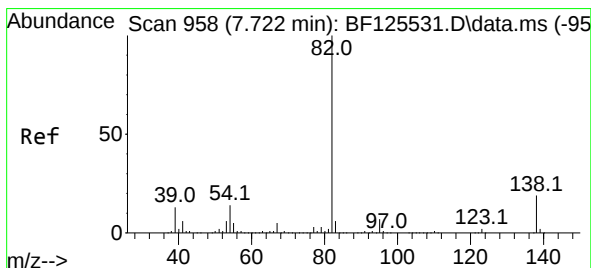
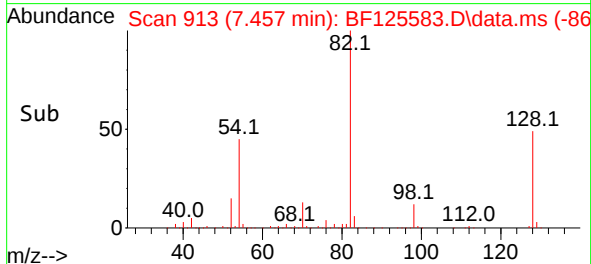
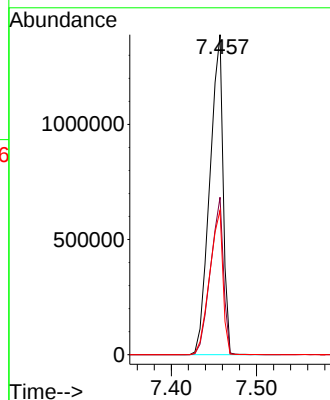
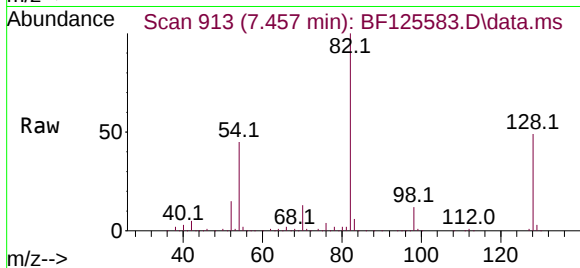
Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.6	60.8
54	45.1	49.6	74.4#

Instrument :

BNA_F

ClientSampleId :

PB139286BL



#25

Isophorone

Concen: 36.206 ng

RT: 7.457 min Scan# 913

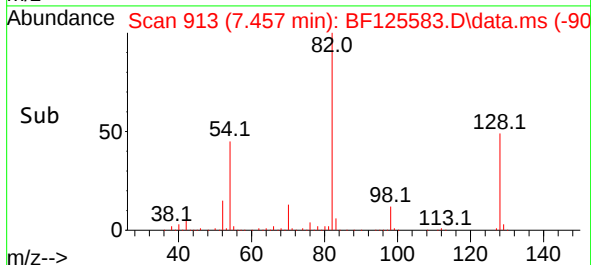
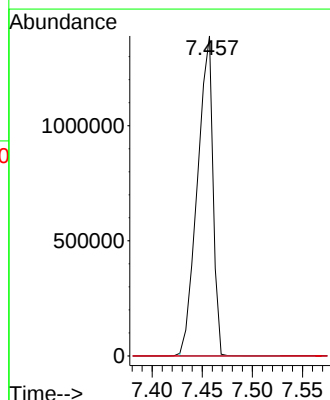
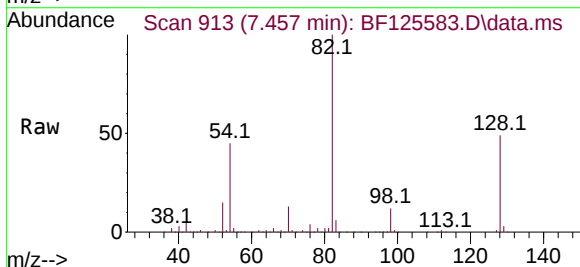
Delta R.T. -0.265 min

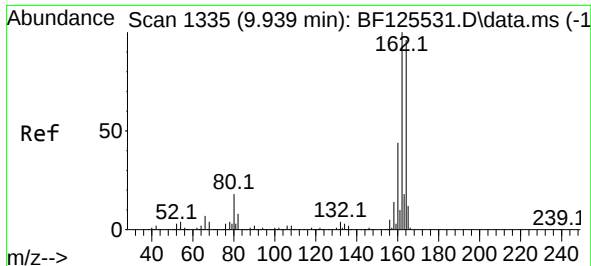
Lab File: BF125583.D

Acq: 23 Sep 2021 10:08

Tgt Ion: 82 Resp: 1495921

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: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF125583.D

Acq: 23 Sep 2021 10:08

Instrument :

BNA_F

ClientSampleId :

PB139286BL

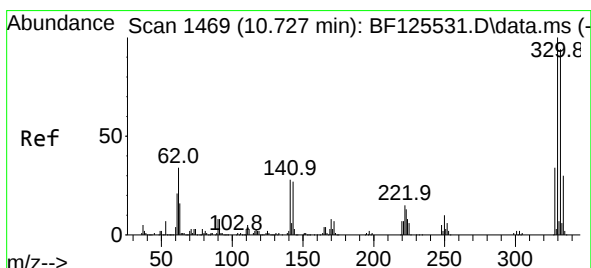
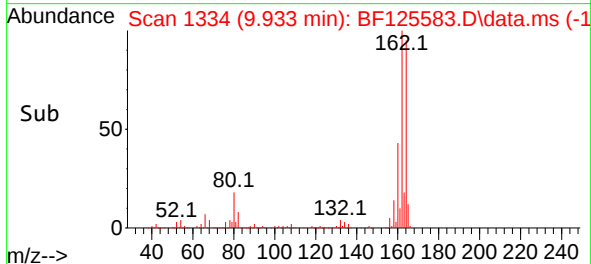
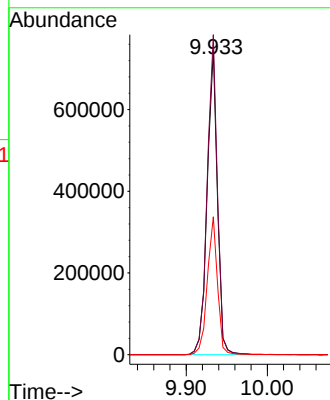
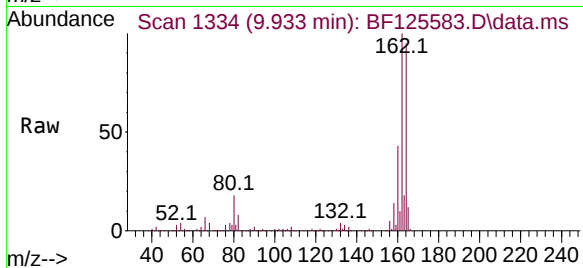
Tgt Ion:164 Resp: 652859

Ion Ratio Lower Upper

164 100

162 105.0 81.3 121.9

160 45.3 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 109.880 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.006 min

Lab File: BF125583.D

Acq: 23 Sep 2021 10:08

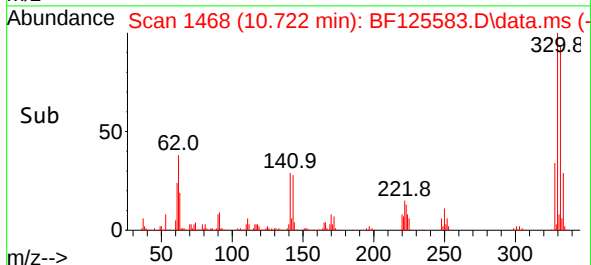
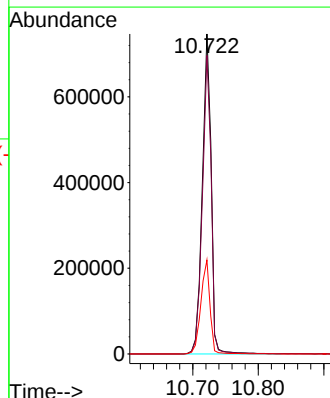
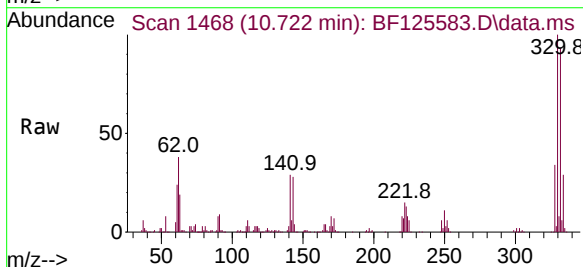
Tgt Ion:330 Resp: 702629

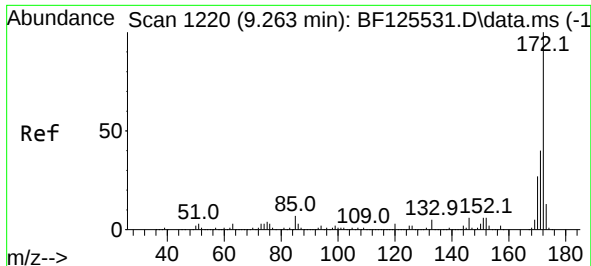
Ion Ratio Lower Upper

330 100

332 93.3 76.2 114.4

141 30.4 44.6 66.8#

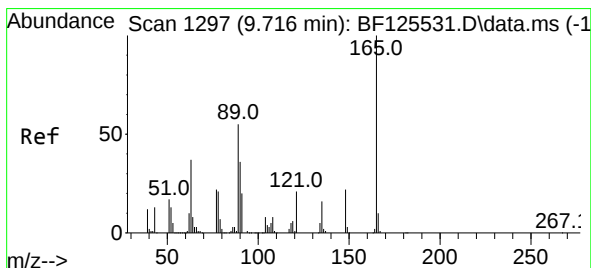
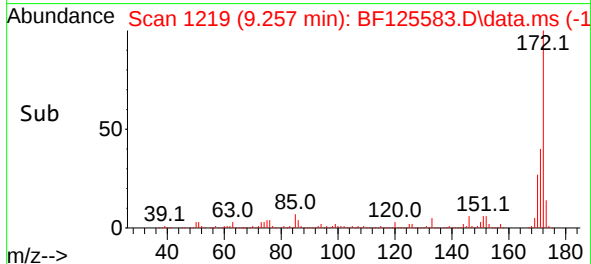
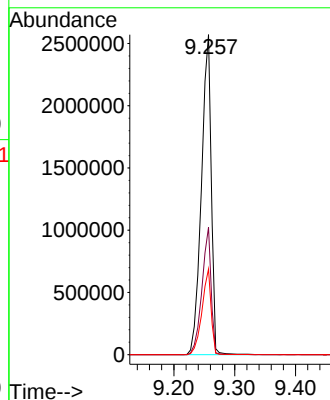
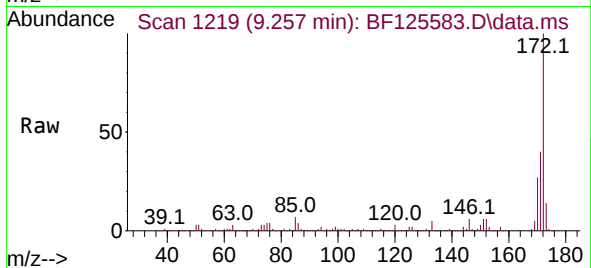




#45
2-Fluorobiphenyl
Concen: 79.058 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF125583.D
Acq: 23 Sep 2021 10:08

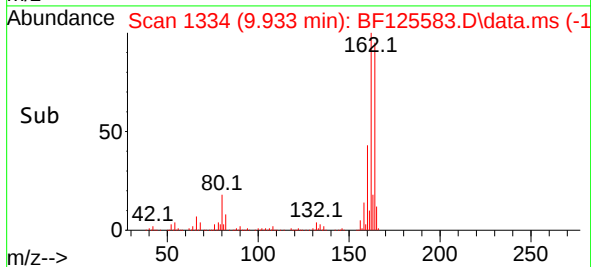
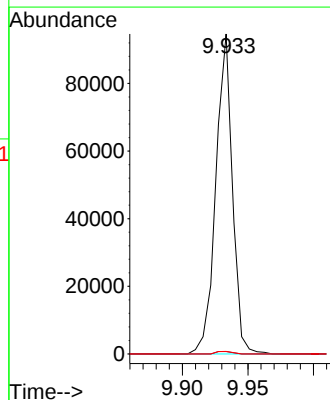
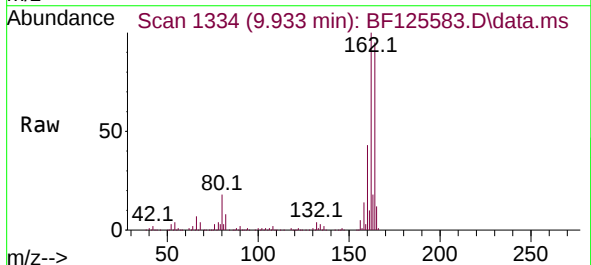
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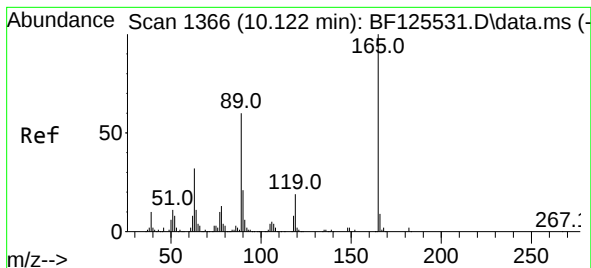
Tgt Ion:172 Resp: 2879495
Ion Ratio Lower Upper
172 100
171 39.8 26.5 39.7#
170 26.7 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.313 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125583.D
Acq: 23 Sep 2021 10:08

Tgt Ion:165 Resp: 83247
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 0.8 40.6 60.8#

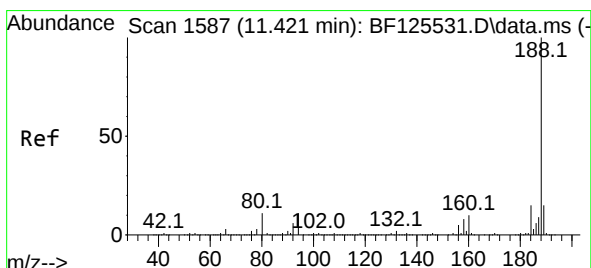
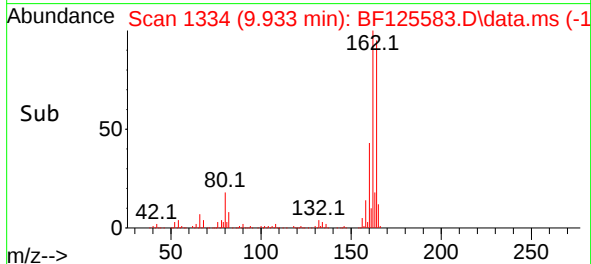
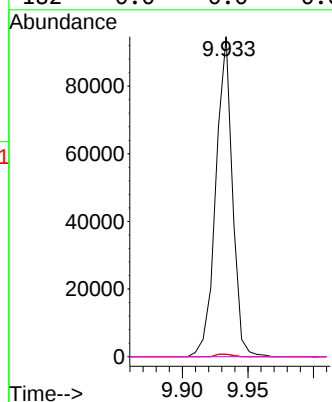
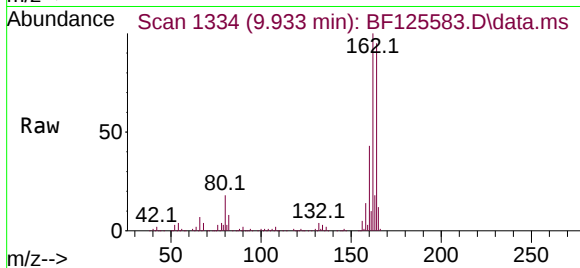




#57
2,4-Dinitrotoluene
Concen: 7.771 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125583.D
Acq: 23 Sep 2021 10:08

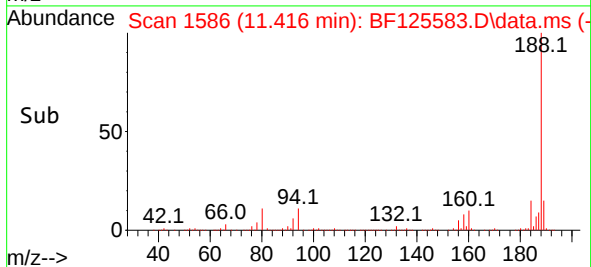
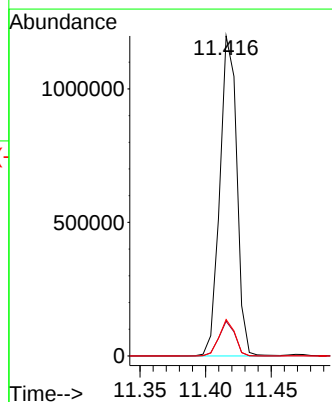
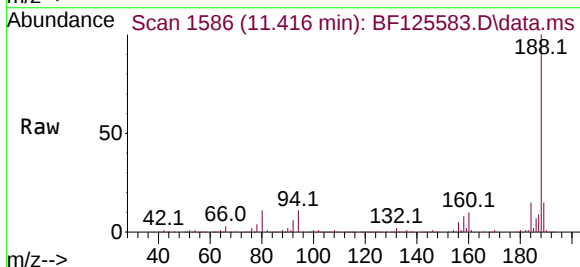
Instrument :
BNA_F
ClientSampleId :
PB139286BL

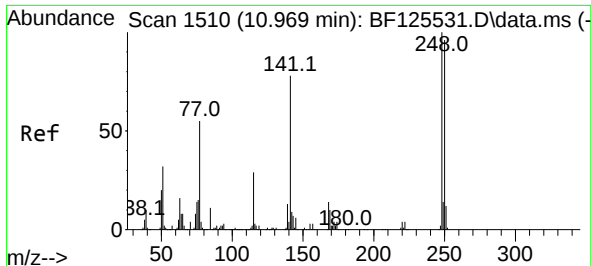
Tgt Ion:165	Resp:	83247
Ion Ratio	Lower	Upper
165	100	
63	0.7	40.9 61.3#
89	0.8	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125583.D
Acq: 23 Sep 2021 10:08

Tgt Ion:188	Resp:	1078292
Ion Ratio	Lower	Upper
188	100	
94	10.8	6.7 10.1#
80	11.4	7.5 11.3#

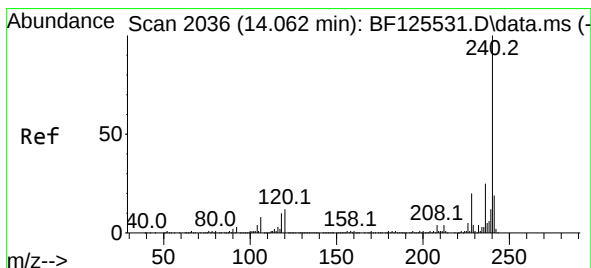
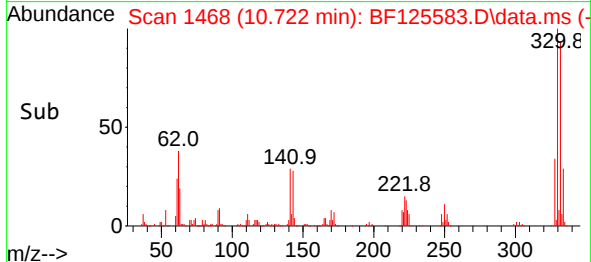
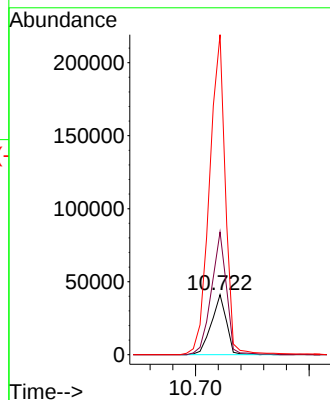
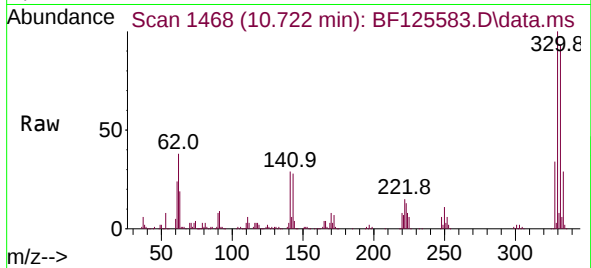




#67
4-Bromophenyl-phenylether
Concen: 3.069 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125583.D
Acq: 23 Sep 2021 10:08

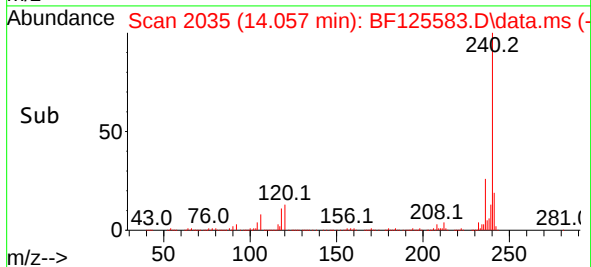
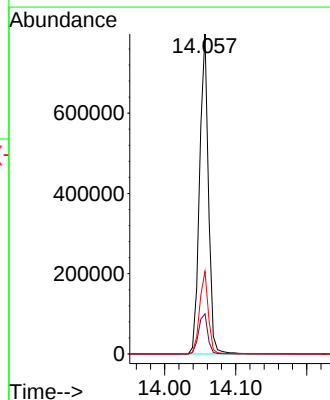
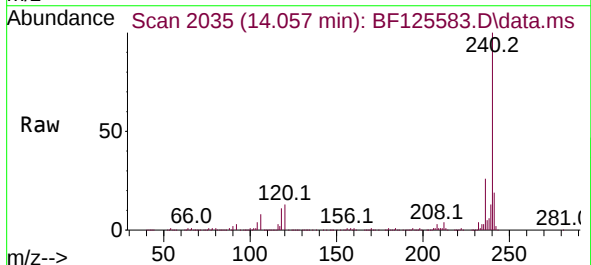
Instrument :
BNA_F
ClientSampleId :
PB139286BL

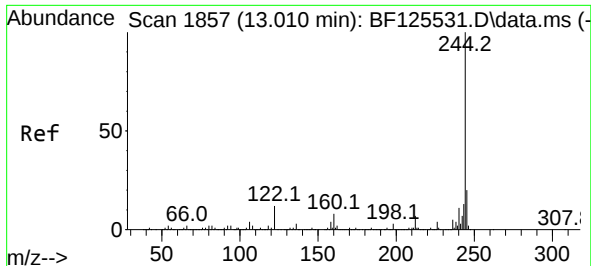
Tgt Ion:248 Resp: 37815
Ion Ratio Lower Upper
248 100
250 204.7 74.2 111.4#
141 533.4 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125583.D
Acq: 23 Sep 2021 10:08

Tgt Ion:240 Resp: 690883
Ion Ratio Lower Upper
240 100
120 12.5 10.8 16.2
236 25.8 21.6 32.4

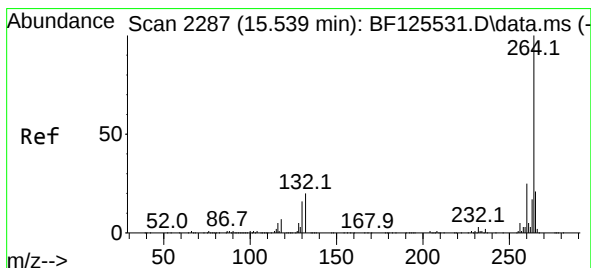
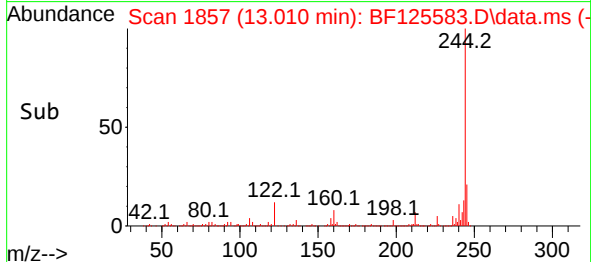
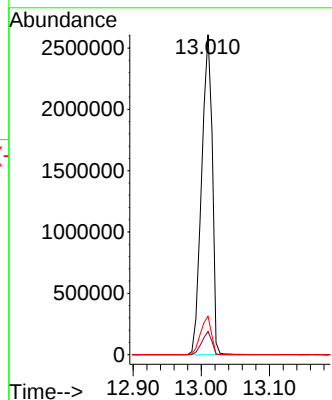
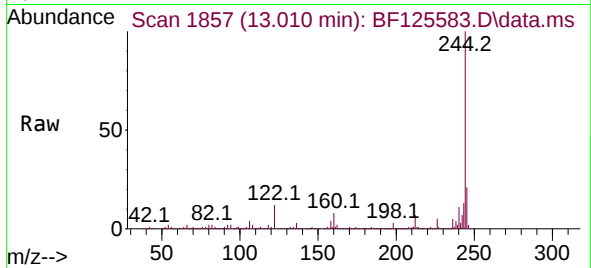




#79
Terphenyl-d14
Concen: 65.945 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF125583.D
Acq: 23 Sep 2021 10:08

Instrument :
BNA_F
ClientSampleId :
PB139286BL

Tgt Ion:244 Resp: 2821393
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 12.0 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BF125583.D
Acq: 23 Sep 2021 10:08

Tgt Ion:264 Resp: 550138
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 20.1 17.2 25.8

