

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
 Data File : BF125595.D
 Acq On : 23 Sep 2021 16:54
 Operator : JU/CG
 Sample : M3824-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-C

Quant Time: Sep 23 17:31:02 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)

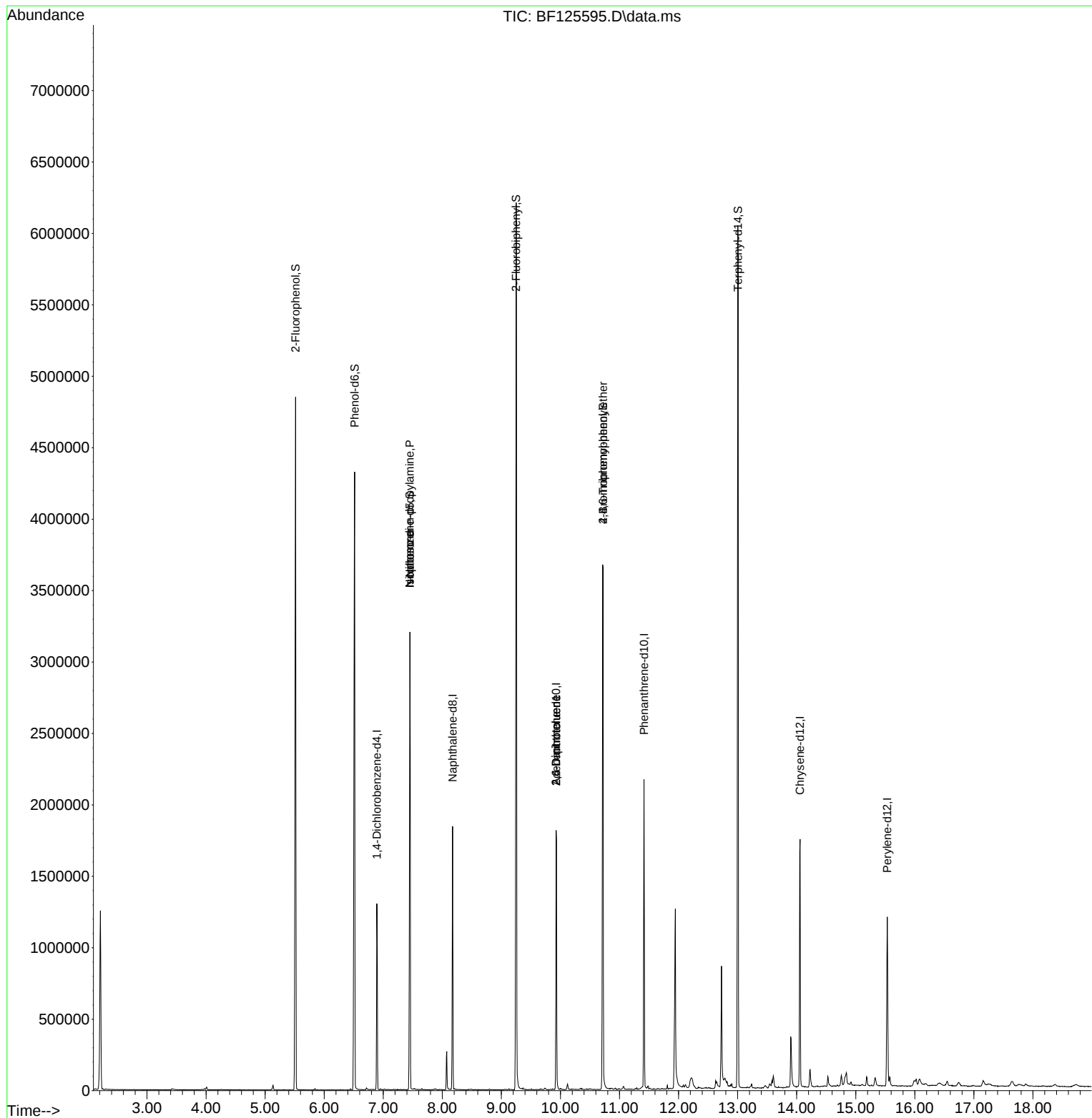
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	191665	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	777667	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	414945	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	726157	20.000	ng	0.00
76) Chrysene-d12	14.057	240	611506	20.000	ng	0.00
86) Perylene-d12	15.533	264	541447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1506935	124.332	ng	0.00
7) Phenol-d6	6.516	99	1811905	115.947	ng	0.00
23) Nitrobenzene-d5	7.451	82	1108738	90.935	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	551801	135.769	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2136654	94.481	ng	-0.01
79) Terphenyl-d14	13.004	244	2262154	59.737	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	2568	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	139290	14.893	ng	# 52
25) Isophorone	7.451	82	1103759	42.067	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	52699	9.275	ng	# 27
57) 2,4-Dinitrotoluene	9.927	165	52700	7.740	ng	# 19
67) 4-Bromophenyl-phenylether	10.722	248	30214	3.641	ng	# 1

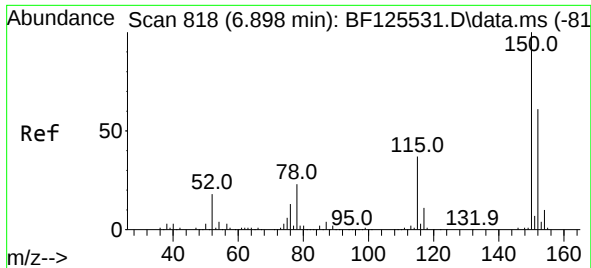
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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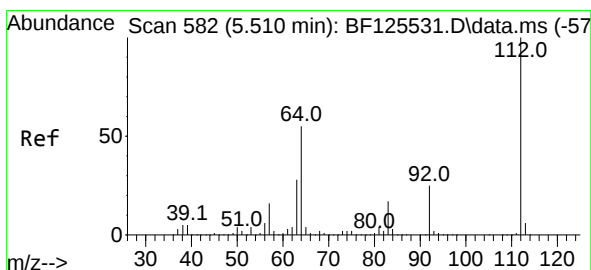
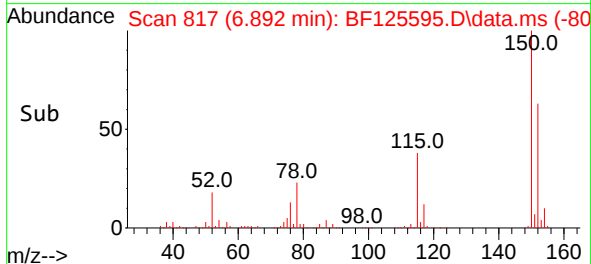
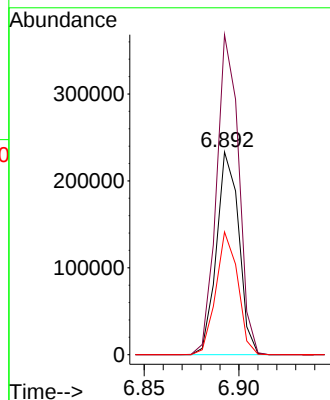
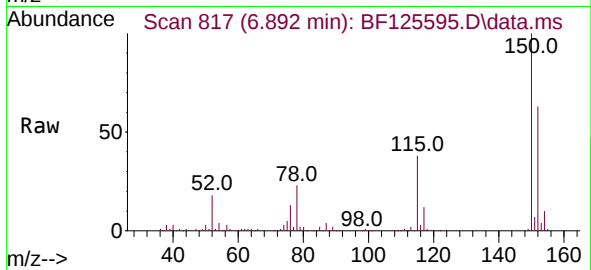




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125595.D
Acq: 23 Sep 2021 16:54

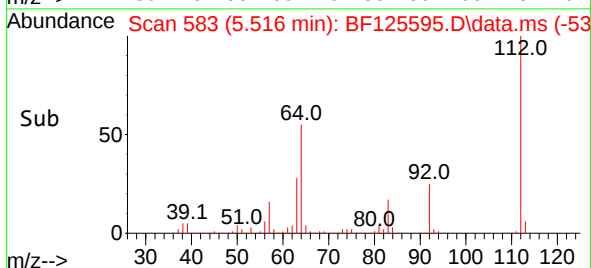
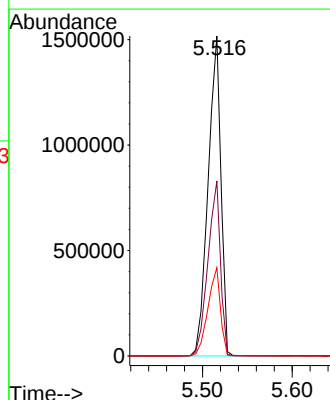
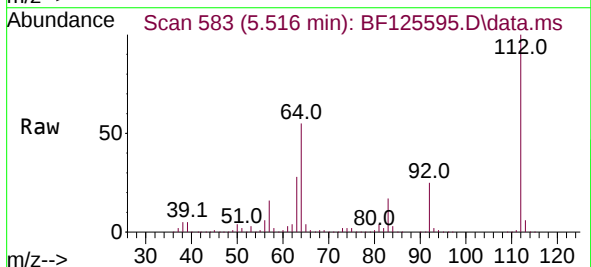
Instrument :
BNA_F
ClientSampleId :
TP-C

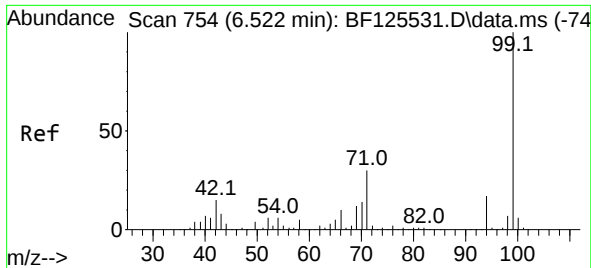
Tgt Ion:152 Resp: 191665
Ion Ratio Lower Upper
152 100
150 157.9 117.6 176.4
115 60.5 47.1 70.7



#5
2-Fluorophenol
Concen: 124.332 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF125595.D
Acq: 23 Sep 2021 16:54

Tgt Ion:112 Resp: 1506935
Ion Ratio Lower Upper
112 100
64 54.7 44.2 66.2
63 27.6 26.2 39.2

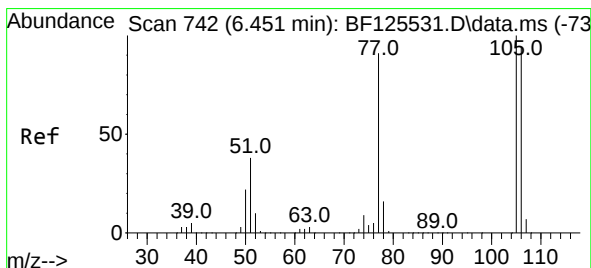
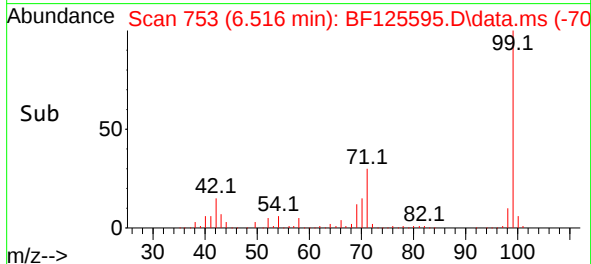
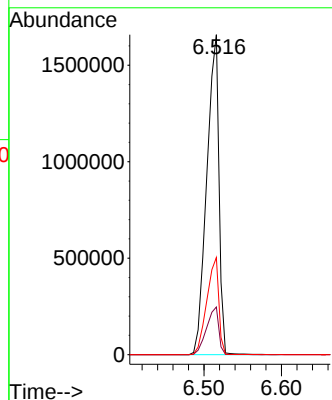
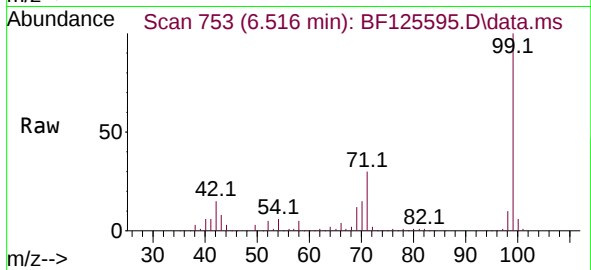




#7
Phenol-d6
Concen: 115.947 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125595.D
Acq: 23 Sep 2021 16:54

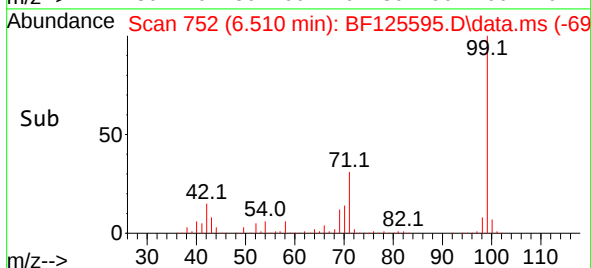
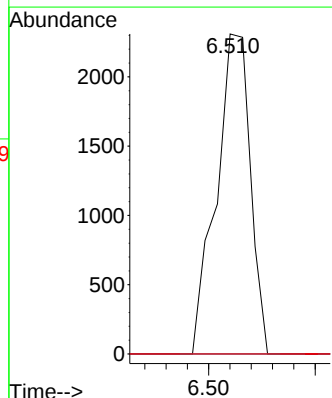
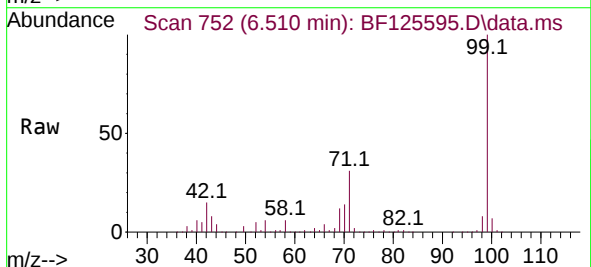
Instrument :
BNA_F
ClientSampleId :
TP-C

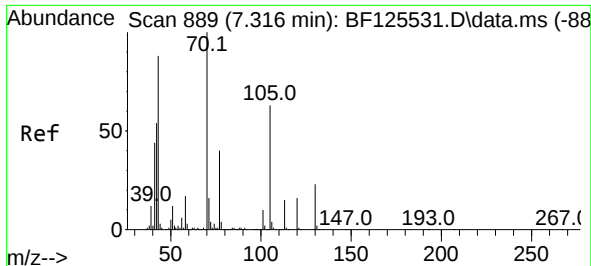
Tgt Ion: 99 Resp: 1811905
Ion Ratio Lower Upper
99 100
42 14.9 23.5 35.3#
71 30.3 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.059 min
Lab File: BF125595.D
Acq: 23 Sep 2021 16:54

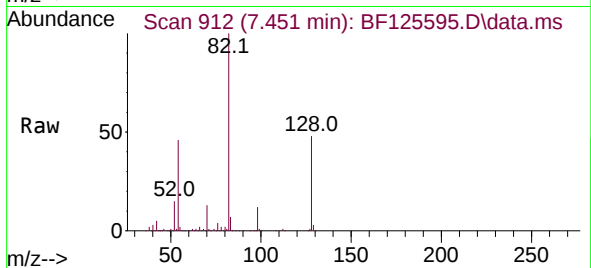
Tgt Ion: 77 Resp: 2568
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



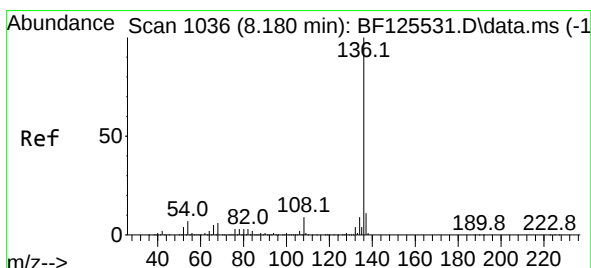
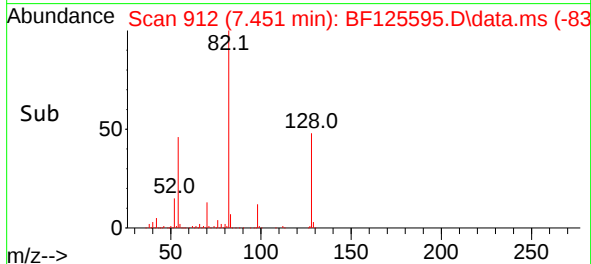
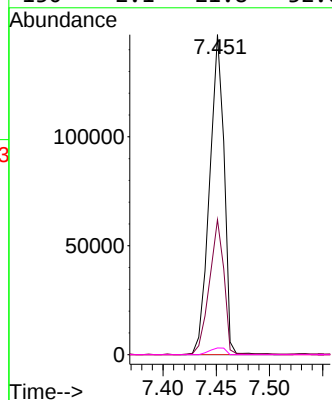


#19
n-Nitroso-di-n-propylamine
Concen: 14.893 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125595.D
Acq: 23 Sep 2021 16:54

Instrument :
BNA_F
ClientSampleId :
TP-C

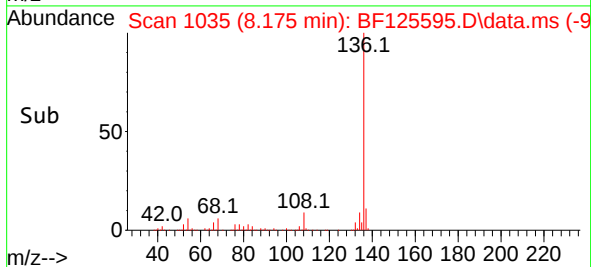
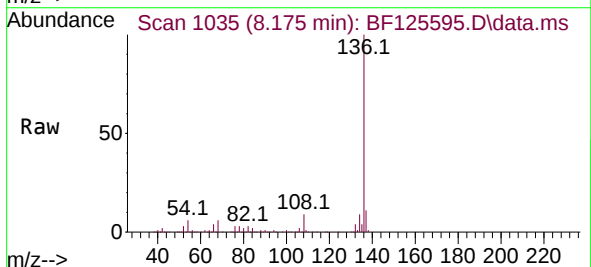
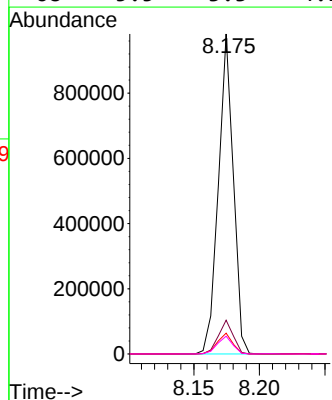


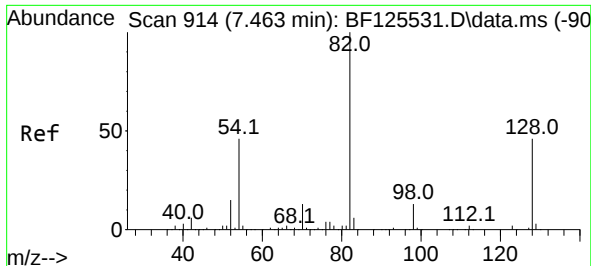
Tgt Ion: 70 Resp: 139290
Ion Ratio Lower Upper
70 100
42 42.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125595.D
Acq: 23 Sep 2021 16:54

Tgt Ion: 136 Resp: 777667
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 6.5 6.4 9.6
68 5.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 90.935 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

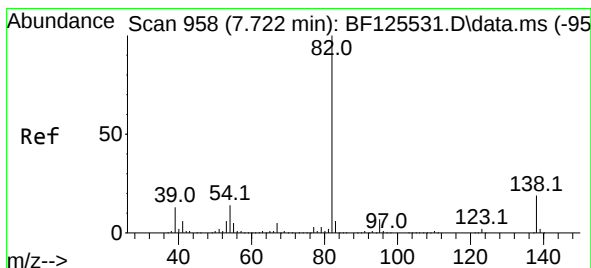
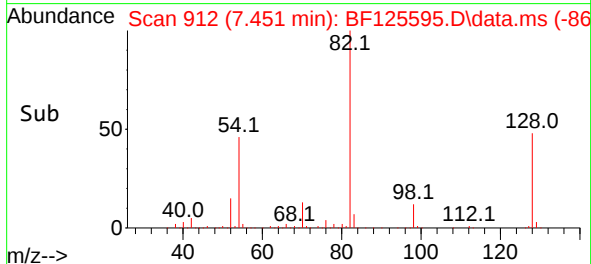
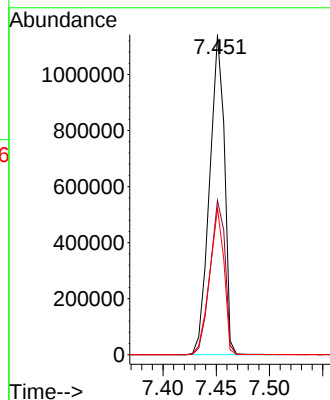
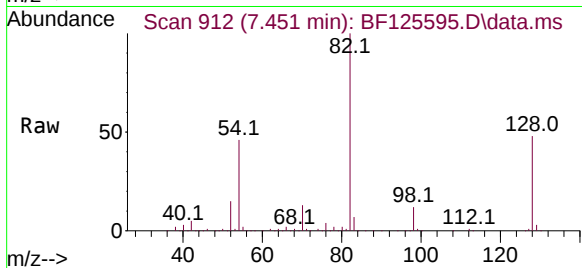
Lab File: BF125595.D

Acq: 23 Sep 2021 16:54

Tgt Ion: 82 Resp: 1108738

Ion	Ratio	Lower	Upper
82	100		
128	48.3	40.6	60.8
54	45.7	49.6	74.4#

Instrument :
BNA_F
ClientSampleId :
TP-C



#25

Isophorone

Concen: 42.067 ng

RT: 7.451 min Scan# 912

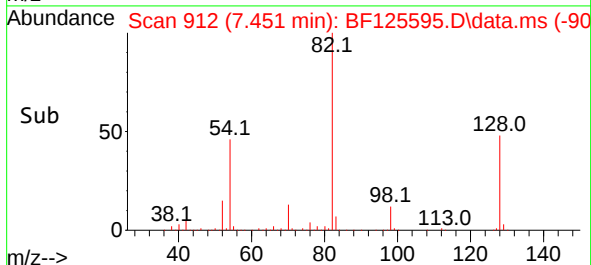
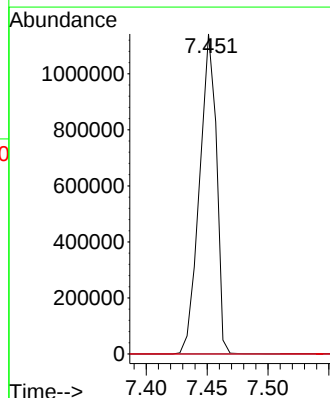
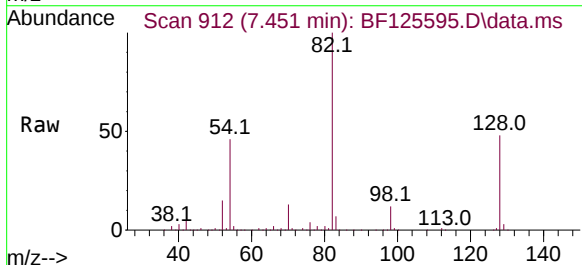
Delta R.T. -0.271 min

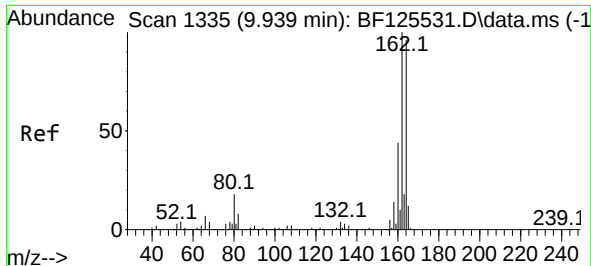
Lab File: BF125595.D

Acq: 23 Sep 2021 16:54

Tgt Ion: 82 Resp: 1103759

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

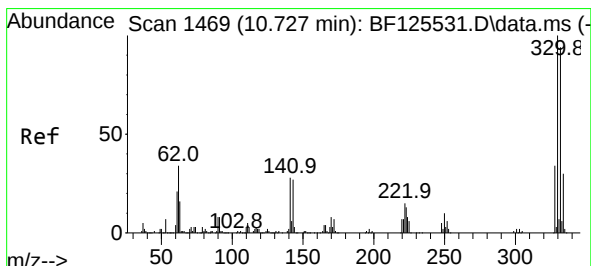
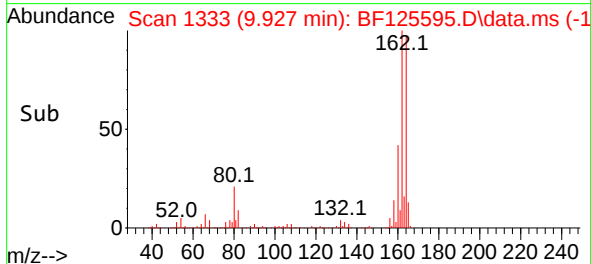
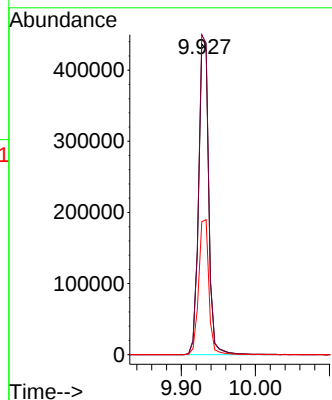
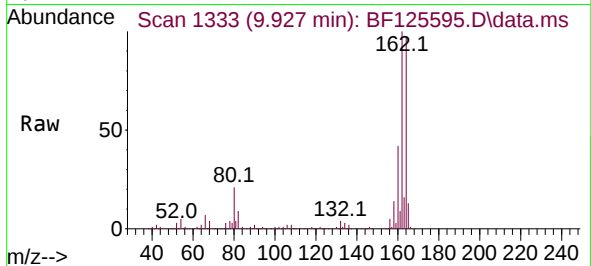




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF125595.D
Acq: 23 Sep 2021 16:54

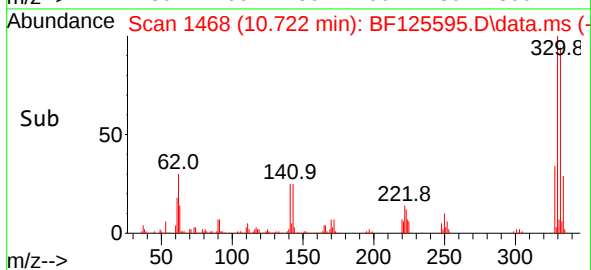
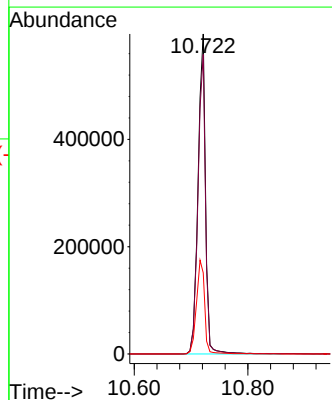
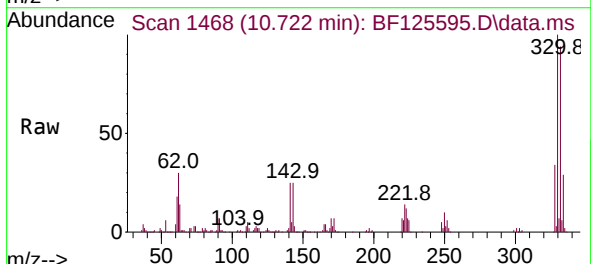
Instrument :
BNA_F
ClientSampleId :
TP-C

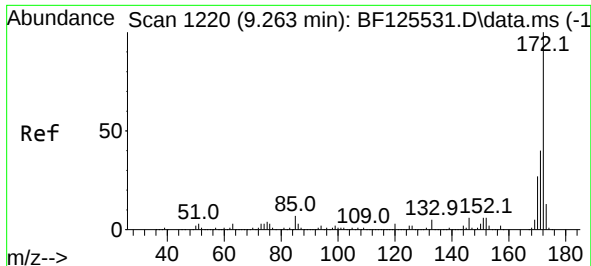
Tgt Ion:164 Resp: 414945
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 42.8 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 135.769 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125595.D
Acq: 23 Sep 2021 16:54

Tgt Ion:330 Resp: 551801
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 32.0 44.6 66.8#

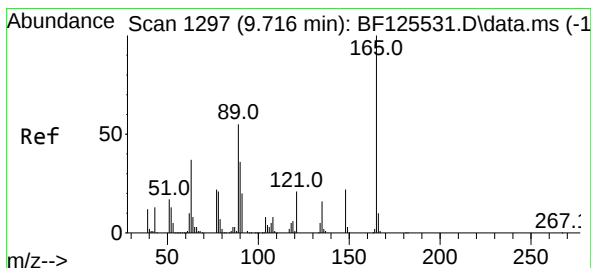
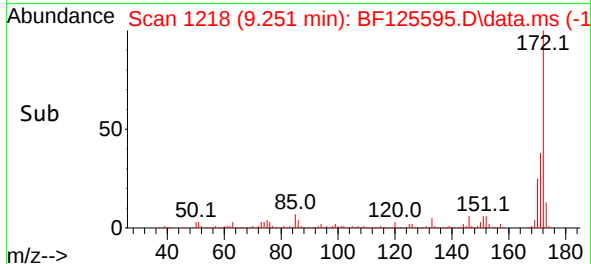
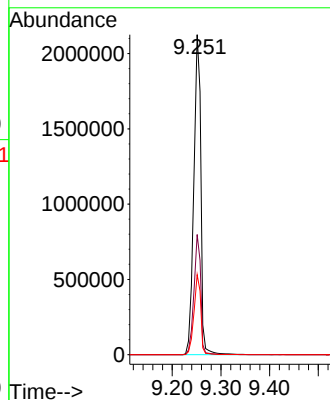
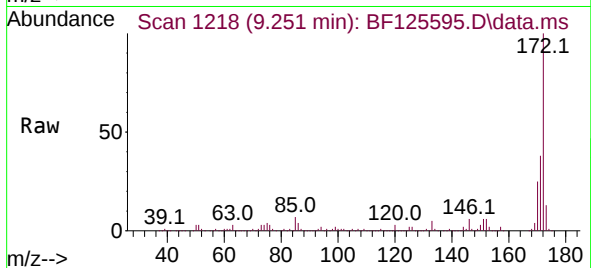




#45
2-Fluorobiphenyl
Concen: 94.481 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125595.D
Acq: 23 Sep 2021 16:54

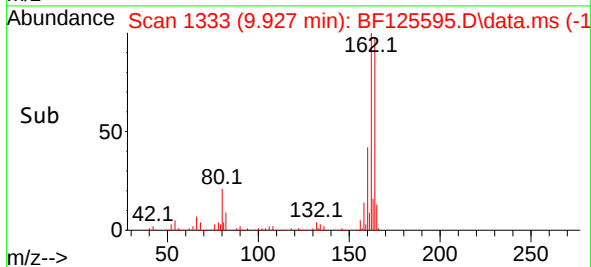
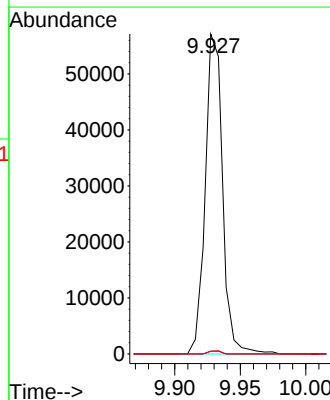
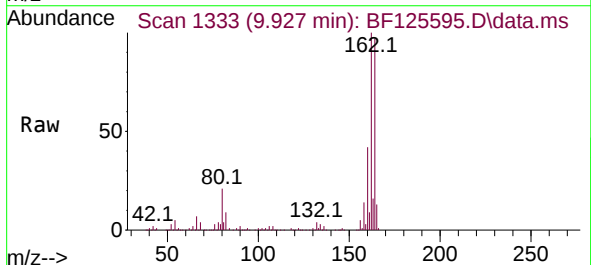
Instrument :
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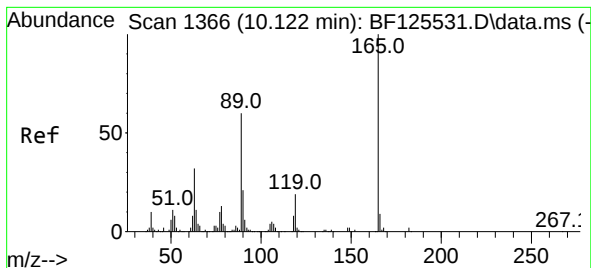
Tgt Ion:172 Resp: 2136654
Ion Ratio Lower Upper
172 100
171 37.6 26.5 39.7
170 25.0 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.275 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF125595.D
Acq: 23 Sep 2021 16:54

Tgt Ion:165 Resp: 52699
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 0.8 40.6 60.8#

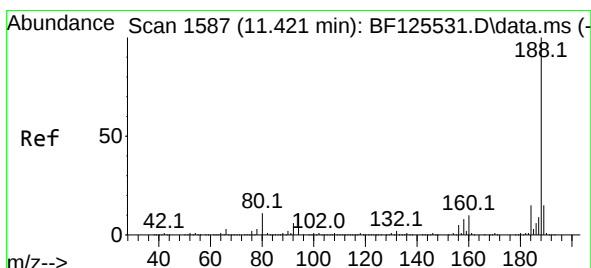
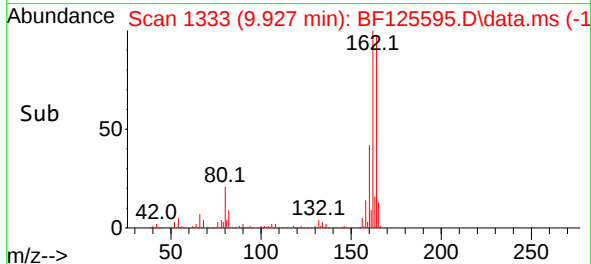
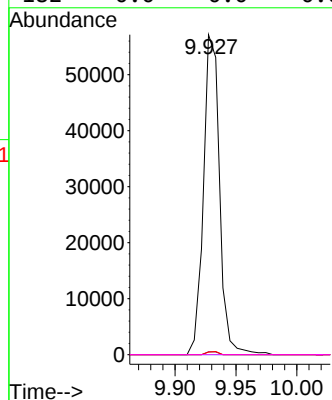
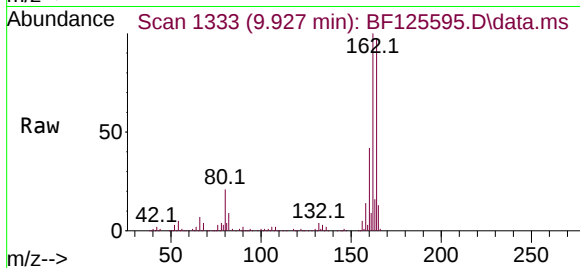




#57
2,4-Dinitrotoluene
Concen: 7.740 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF125595.D
Acq: 23 Sep 2021 16:54

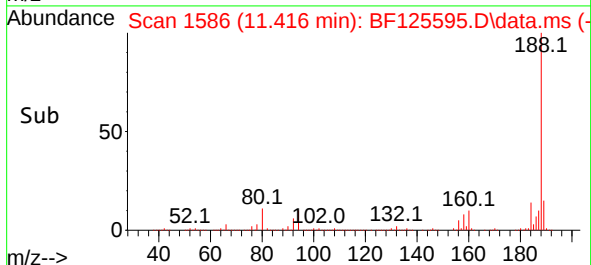
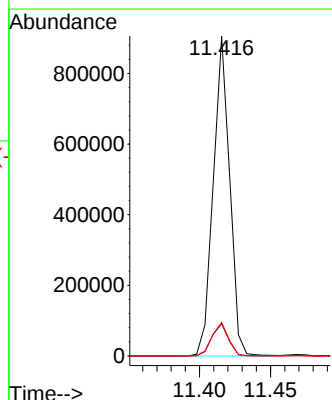
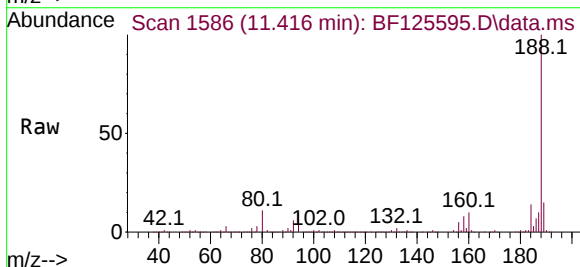
Instrument :
BNA_F
ClientSampled :
TP-C

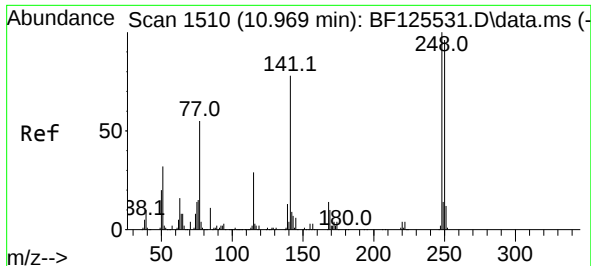
Tgt Ion:165	Resp:	52700
Ion Ratio	Lower	Upper
165	100	
63	0.9	40.9 61.3#
89	0.8	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125595.D
Acq: 23 Sep 2021 16:54

Tgt Ion:188	Resp:	726157
Ion Ratio	Lower	Upper
188	100	
94	10.0	6.7 10.1
80	10.5	7.5 11.3

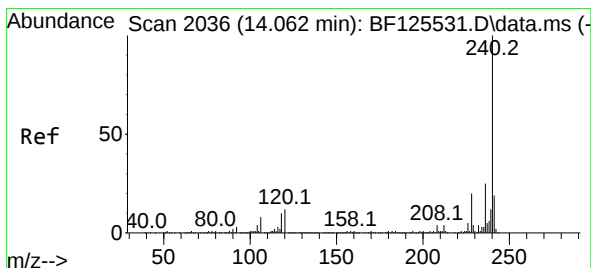
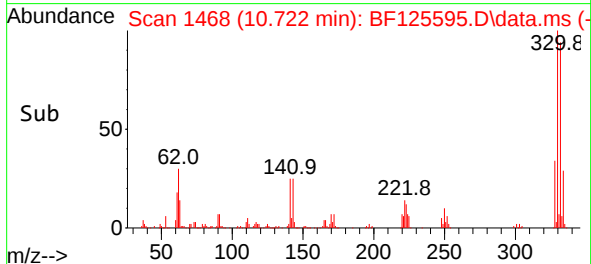
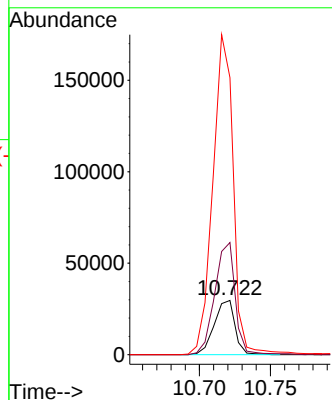
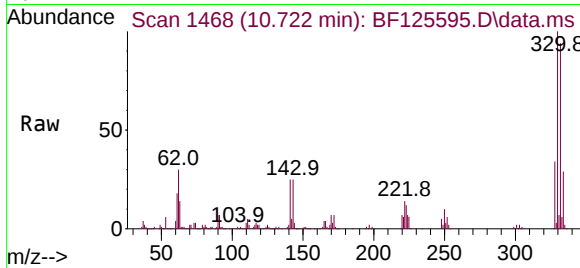




#67
4-Bromophenyl-phenylether
Concen: 3.641 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125595.D
Acq: 23 Sep 2021 16:54

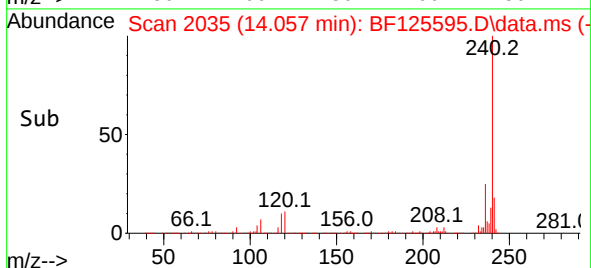
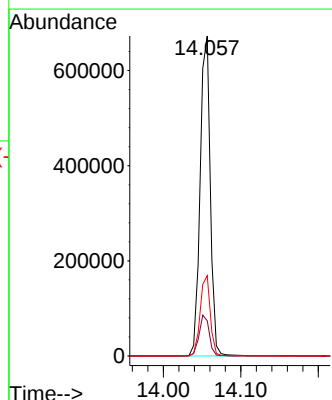
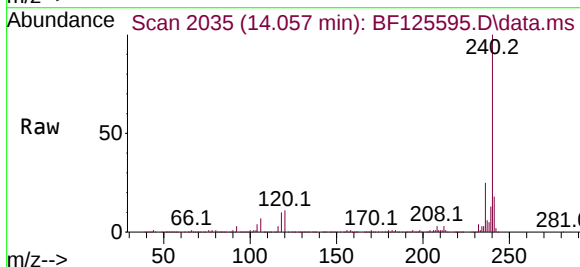
Instrument :
BNA_F
ClientSampleId :
TP-C

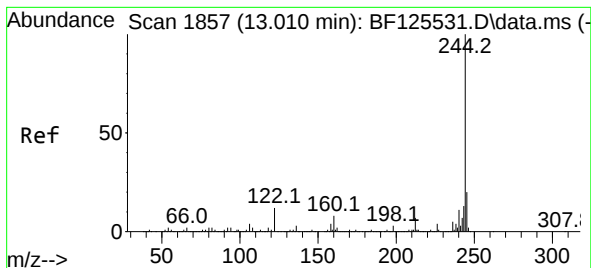
Tgt Ion:248 Resp: 30214
Ion Ratio Lower Upper
248 100
250 206.7 74.2 111.4#
141 509.8 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125595.D
Acq: 23 Sep 2021 16:54

Tgt Ion:240 Resp: 611506
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 25.1 21.6 32.4





#79

Terphenyl-d14

Concen: 59.737 ng

RT: 13.004 min Scan# 1856

Delta R.T. -0.006 min

Lab File: BF125595.D

Acq: 23 Sep 2021 16:54

Instrument :

BNA_F

ClientSampleId :

TP-C

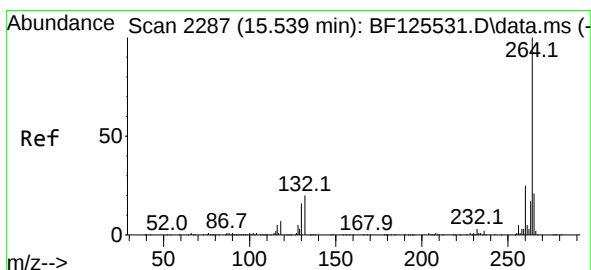
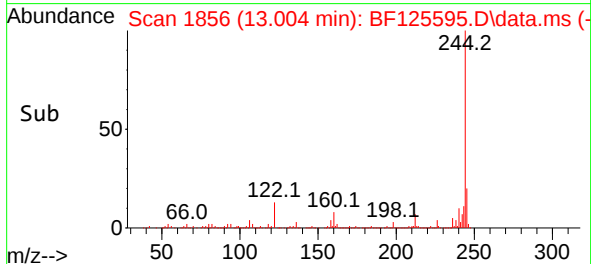
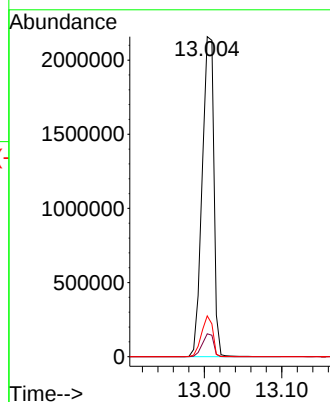
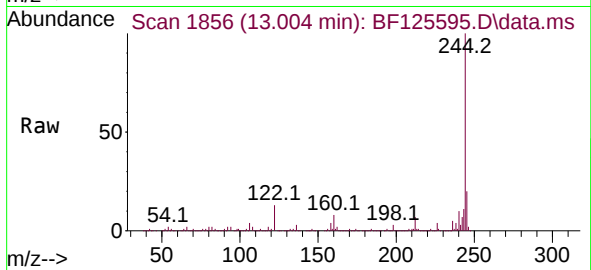
Tgt Ion:244 Resp: 2262154

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 12.7 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: BF125595.D

Acq: 23 Sep 2021 16:54

Tgt Ion:264 Resp: 541447

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 20.2 17.2 25.8

