

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092121\
 Data File : BF125536.D
 Acq On : 21 Sep 2021 15:08
 Operator : JU/CG
 Sample : PB139146BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139146BL

Quant Time: Sep 21 15:31:51 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 14:40:01 2021
 Response via : Initial Calibration

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

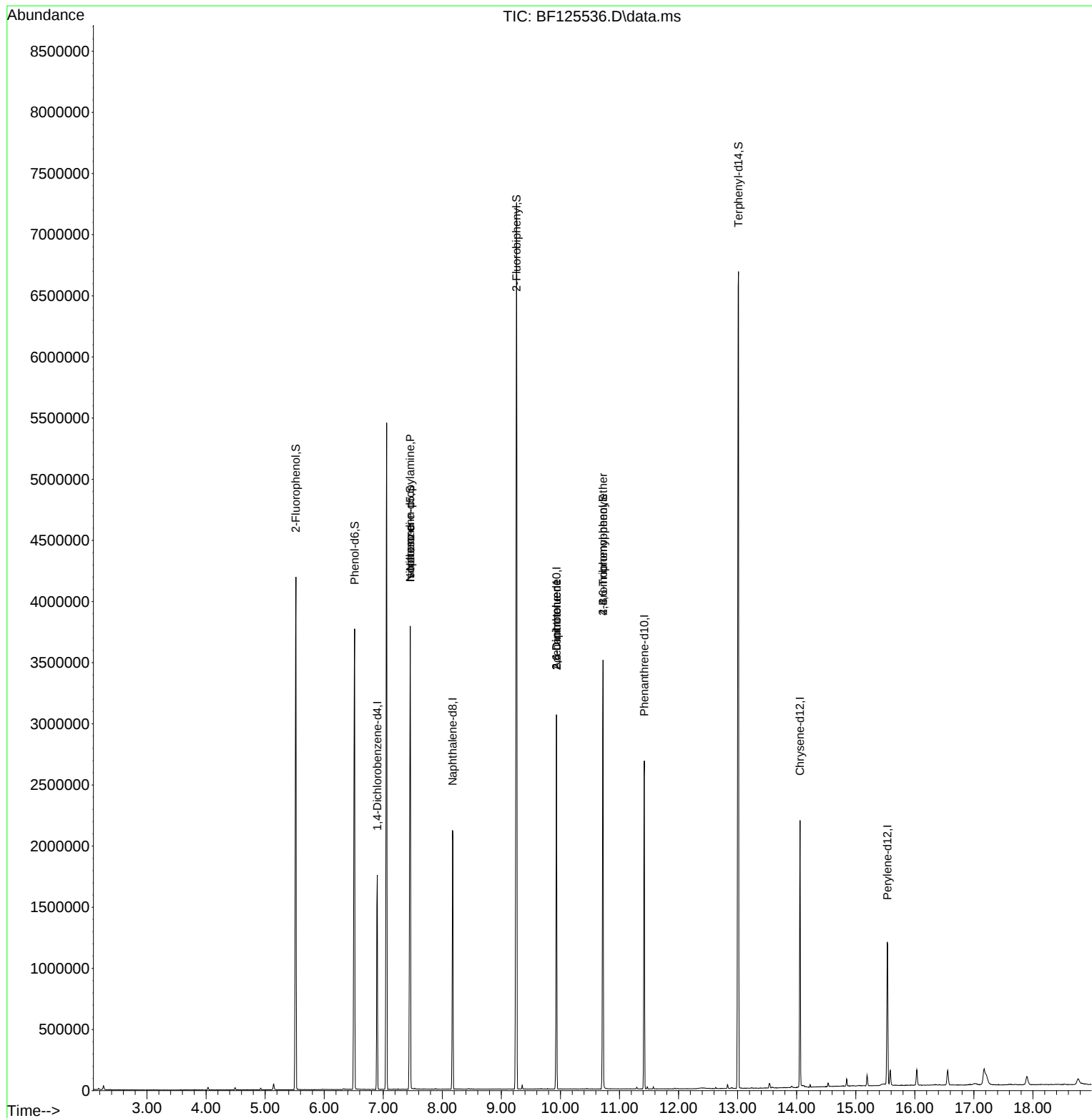
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	270252	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1130138	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	612037	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	1036070	20.000	ng	0.00
76) Chrysene-d12	14.057	240	709014	20.000	ng	0.00
86) Perylene-d12	15.539	264	534214	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1350313	79.013	ng	0.01
7) Phenol-d6	6.516	99	1643023	74.566	ng	0.00
23) Nitrobenzene-d5	7.457	82	1512830	85.380	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	470385	78.467	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2837625	83.772	ng	0.00
79) Terphenyl-d14	13.015	244	2894218	65.917	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.516	77	2332	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.457	70	195413	14.818	ng	# 53
25) Isophorone	7.457	82	1510129	39.604	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	77398	9.236	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	77398	7.707	ng	# 19
67) 4-Bromophenyl-phenylether	10.721	248	26229	2.215	ng	# 1

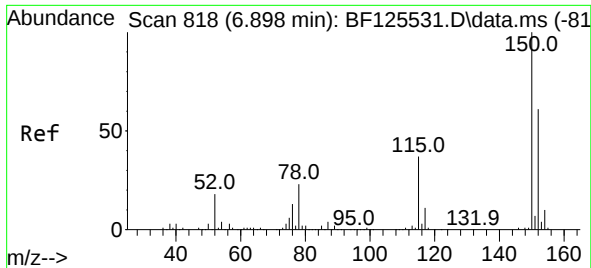
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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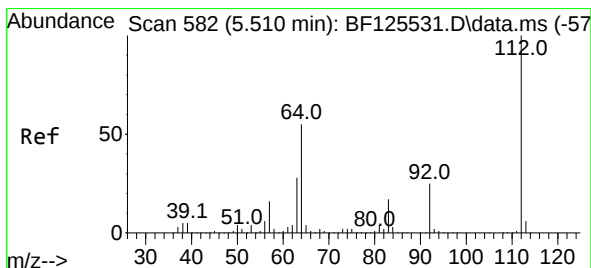
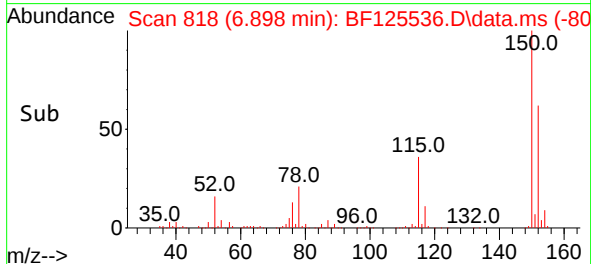
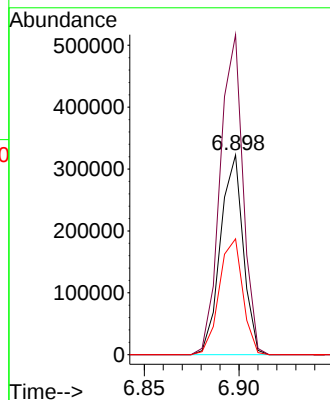
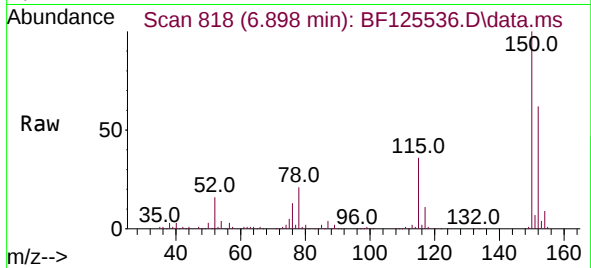




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125536.D
Acq: 21 Sep 2021 15:08

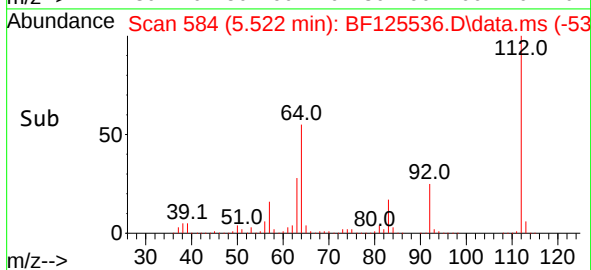
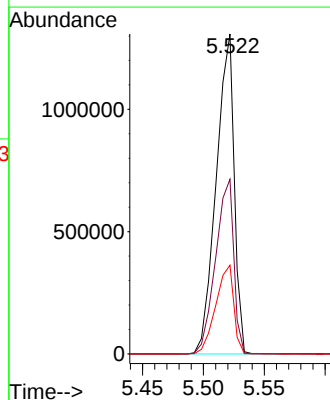
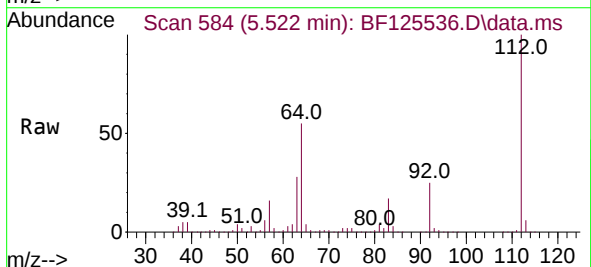
Instrument :
BNA_F
ClientSampleId :
PB139146BL

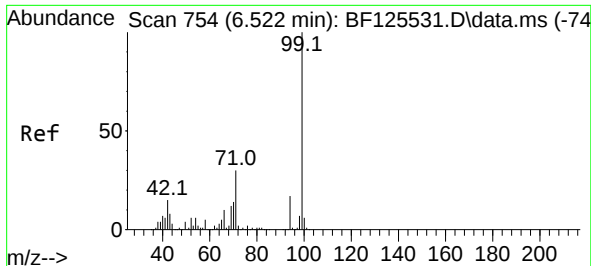
Tgt Ion:152 Resp: 270252
Ion Ratio Lower Upper
152 100
150 160.2 117.6 176.4
115 58.0 47.1 70.7



#5
2-Fluorophenol
Concen: 79.013 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF125536.D
Acq: 21 Sep 2021 15:08

Tgt Ion:112 Resp: 1350313
Ion Ratio Lower Upper
112 100
64 54.6 44.2 66.2
63 27.7 26.2 39.2

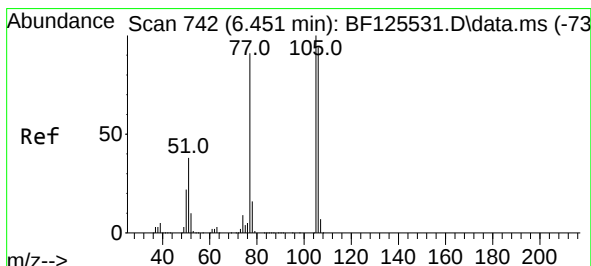
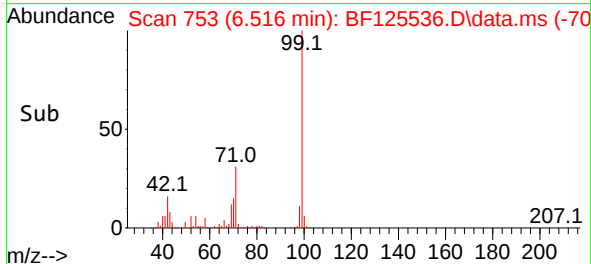
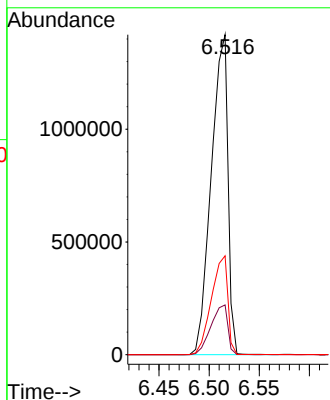
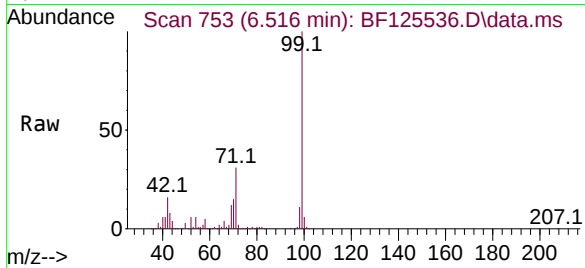




#7
Phenol-d6
Concen: 74.566 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125536.D
Acq: 21 Sep 2021 15:08

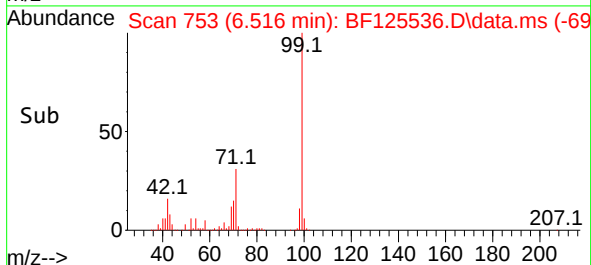
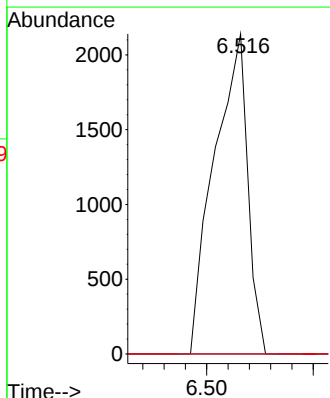
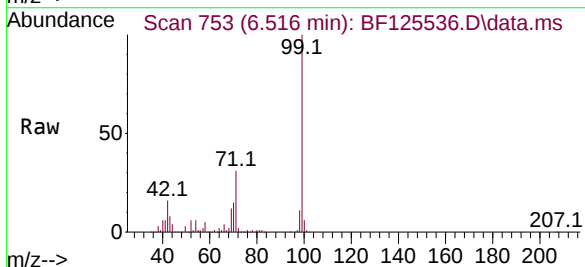
Instrument :
BNA_F
ClientSampleId :
PB139146BL

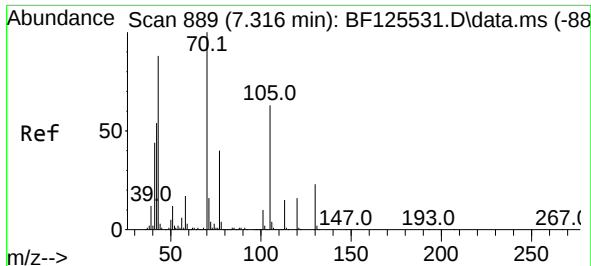
Tgt Ion: 99 Resp: 1643023
Ion Ratio Lower Upper
99 100
42 15.6 23.5 35.3#
71 30.9 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.065 min
Lab File: BF125536.D
Acq: 21 Sep 2021 15:08

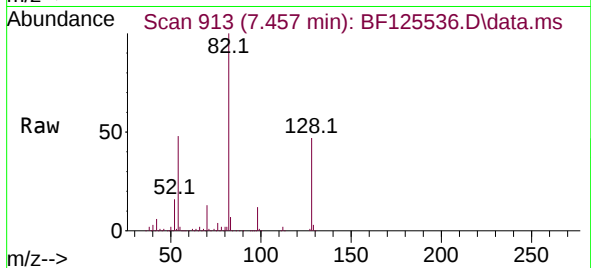
Tgt Ion: 77 Resp: 2332
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



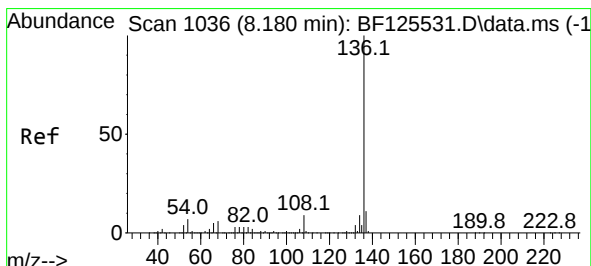
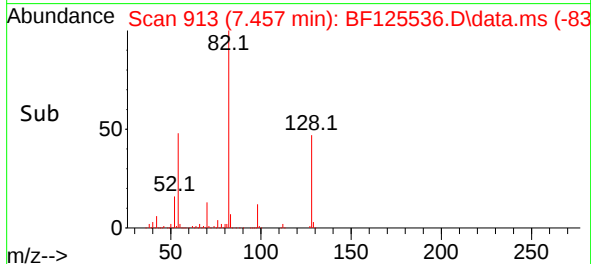
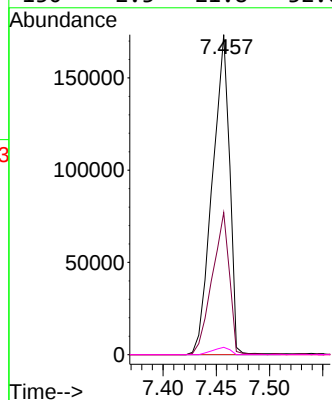


#19
n-Nitroso-di-n-propylamine
Concen: 14.818 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF125536.D
Acq: 21 Sep 2021 15:08

Instrument :
BNA_F
ClientSampleId :
PB139146BL

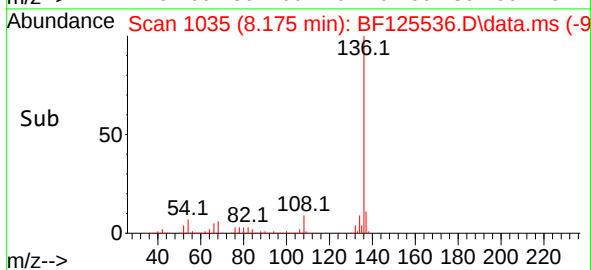
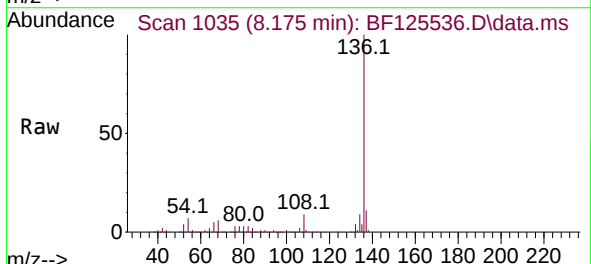
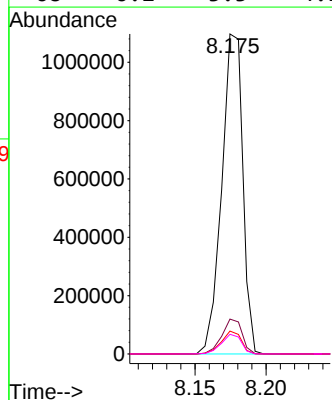


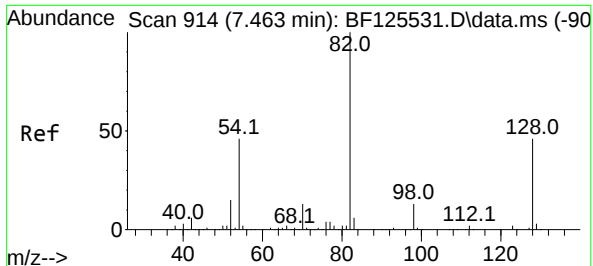
Tgt Ion: 70 Resp: 195413
Ion Ratio Lower Upper
70 100
42 44.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125536.D
Acq: 21 Sep 2021 15:08

Tgt Ion: 136 Resp: 1130138
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 7.2 6.4 9.6
68 6.2 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 85.380 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF125536.D

Acq: 21 Sep 2021 15:08

Tgt Ion: 82 Resp: 1512830

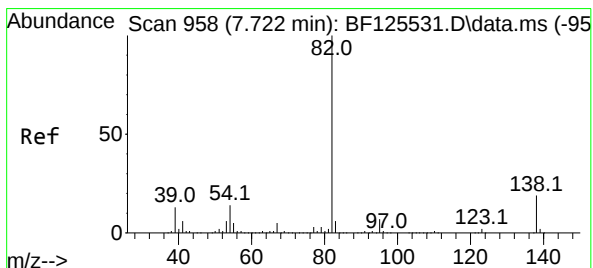
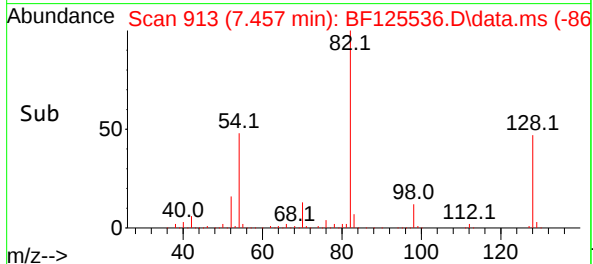
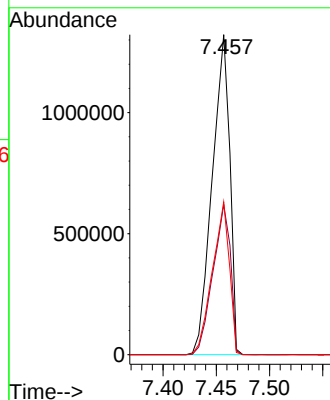
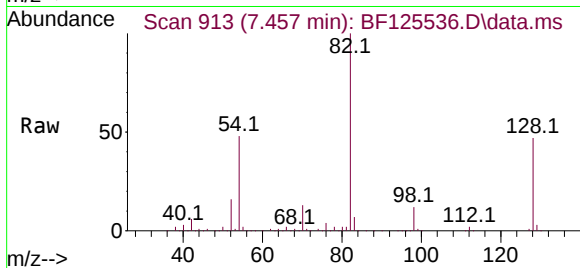
Ion	Ratio	Lower	Upper
82	100		
128	46.9	40.6	60.8
54	47.8	49.6	74.4#

Instrument :

BNA_F

ClientSampleId :

PB139146BL



#25

Isophorone

Concen: 39.604 ng

RT: 7.457 min Scan# 913

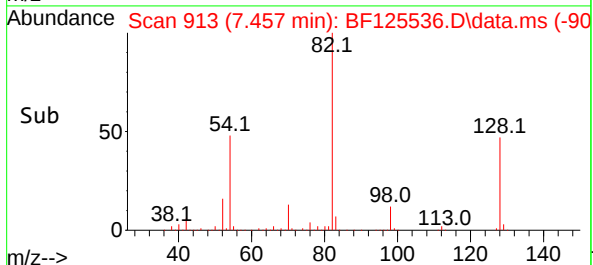
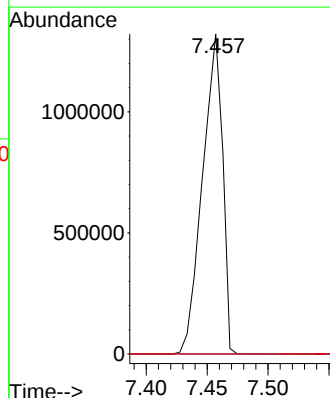
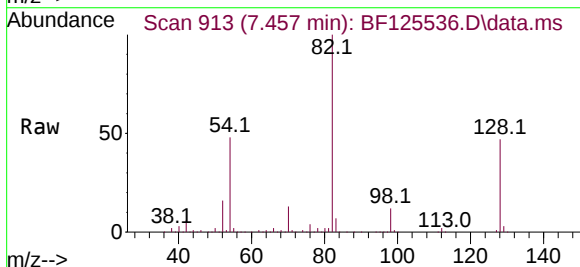
Delta R.T. -0.265 min

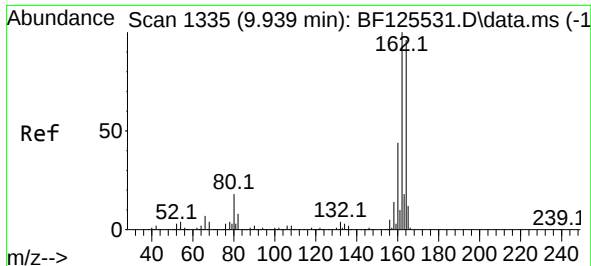
Lab File: BF125536.D

Acq: 21 Sep 2021 15:08

Tgt Ion: 82 Resp: 1510129

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: BF125536.D

Acq: 21 Sep 2021 15:08

Instrument :

BNA_F

ClientSampleId :

PB139146BL

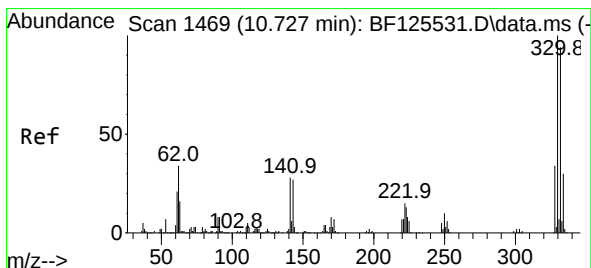
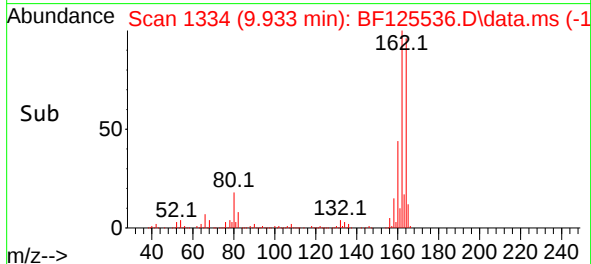
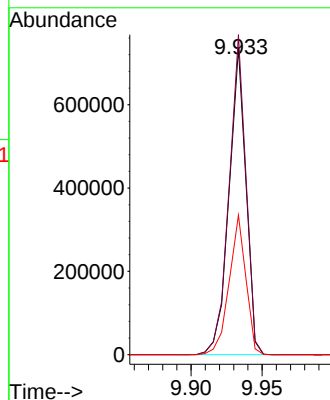
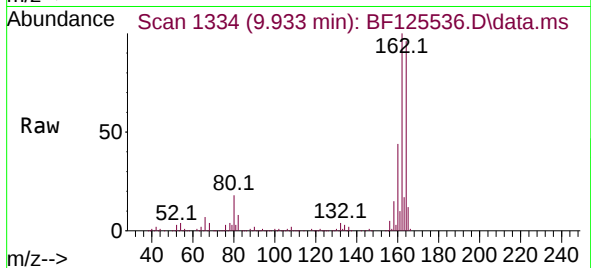
Tgt Ion:164 Resp: 612037

Ion Ratio Lower Upper

164 100

162 104.4 81.3 121.9

160 45.5 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 78.467 ng

RT: 10.721 min Scan# 1468

Delta R.T. -0.006 min

Lab File: BF125536.D

Acq: 21 Sep 2021 15:08

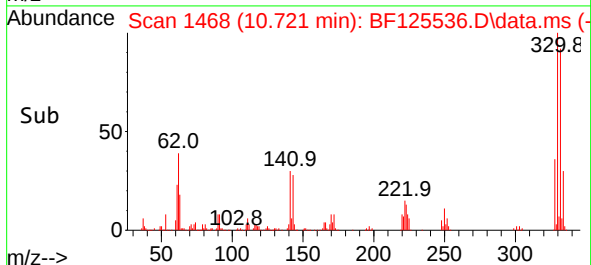
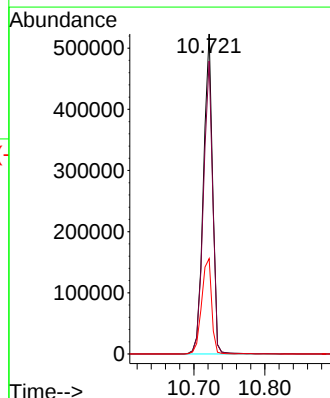
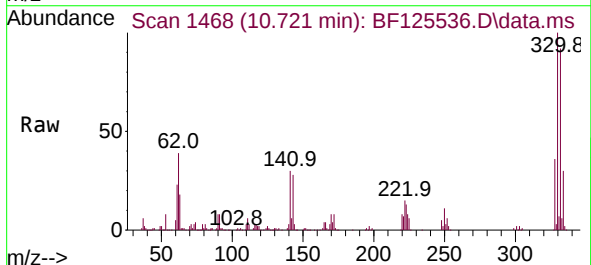
Tgt Ion:330 Resp: 470385

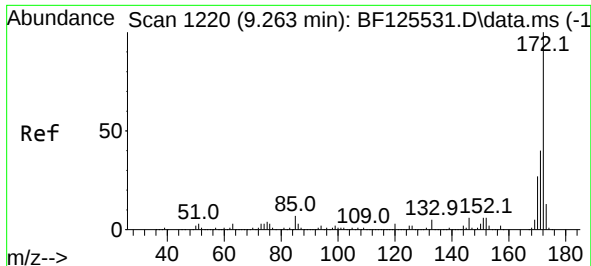
Ion Ratio Lower Upper

330 100

332 93.0 76.2 114.4

141 32.4 44.6 66.8#

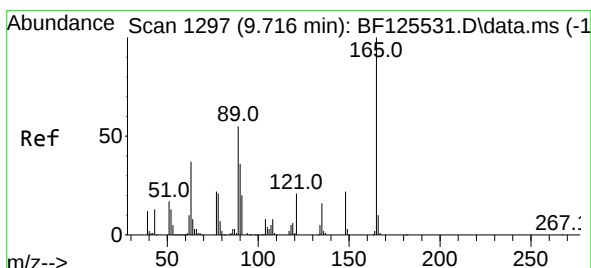
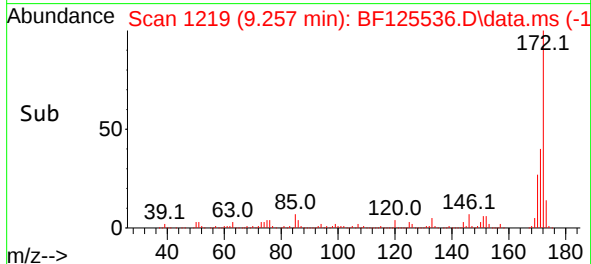
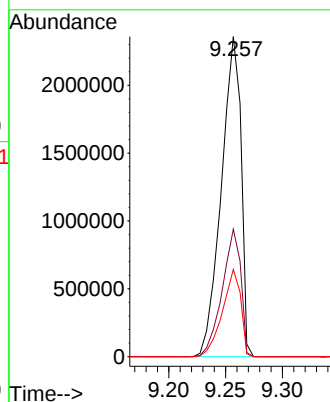
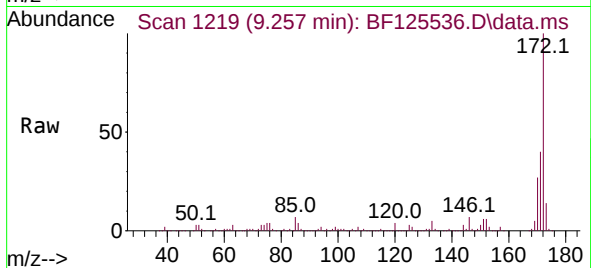




#45
2-Fluorobiphenyl
Concen: 83.772 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF125536.D
Acq: 21 Sep 2021 15:08

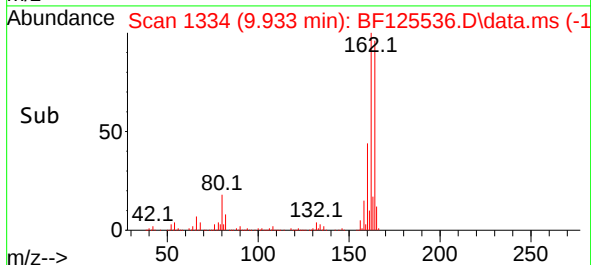
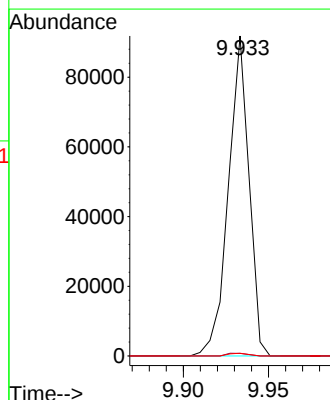
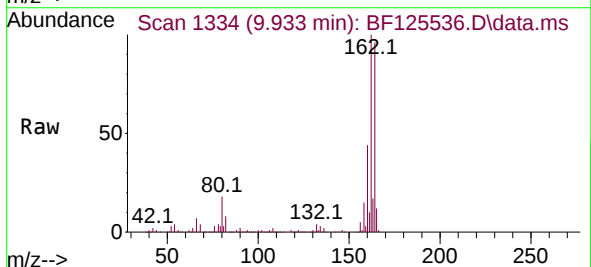
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PB139146BL

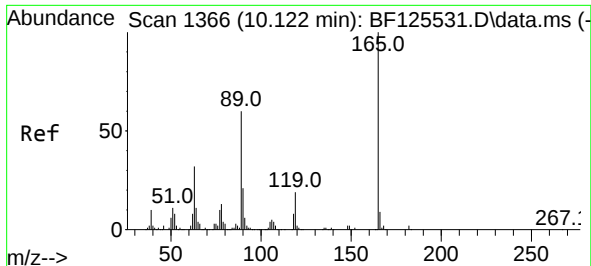
Tgt Ion:172 Resp: 2837625
Ion Ratio Lower Upper
172 100
171 39.9 26.5 39.7#
170 27.2 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.236 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125536.D
Acq: 21 Sep 2021 15:08

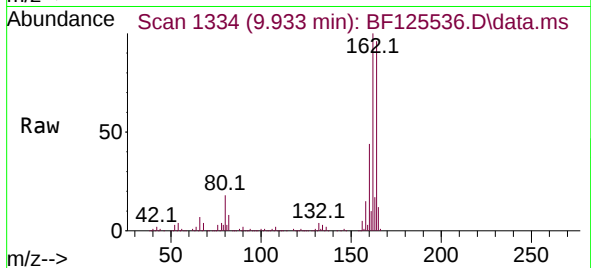
Tgt Ion:165 Resp: 77398
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.9 40.6 60.8#



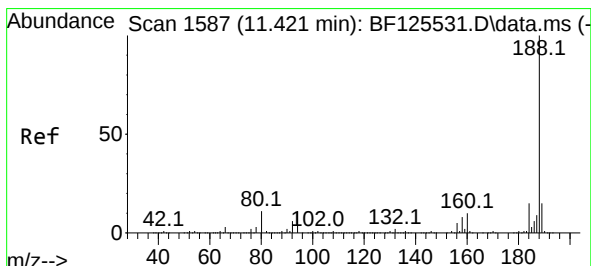
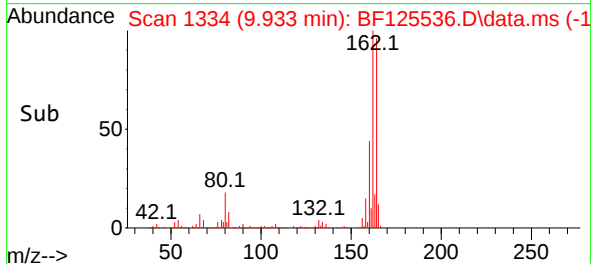
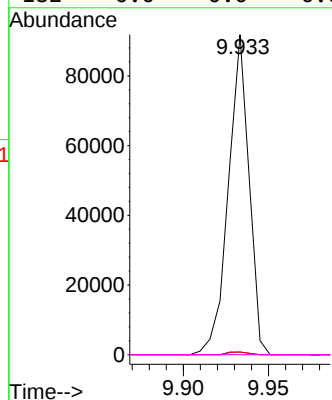


#57
2,4-Dinitrotoluene
Concen: 7.707 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125536.D
Acq: 21 Sep 2021 15:08

Instrument :
BNA_F
ClientSampleId :
PB139146BL

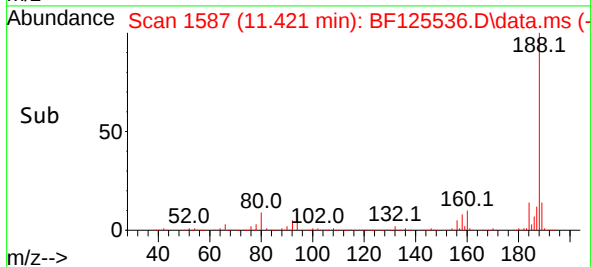
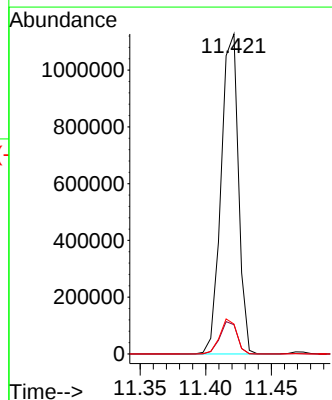
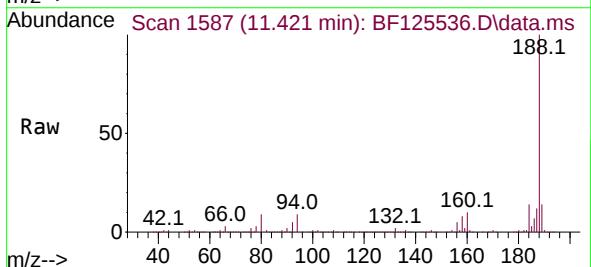


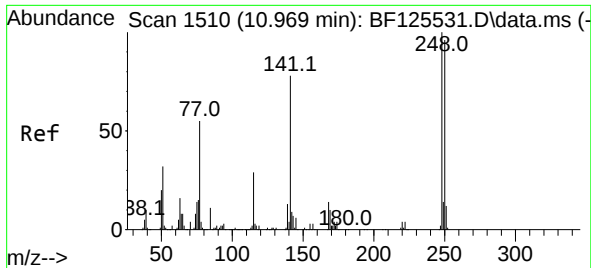
Tgt Ion:165 Resp: 77398
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF125536.D
Acq: 21 Sep 2021 15:08

Tgt Ion:188 Resp: 1036070
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.3 7.5 11.3

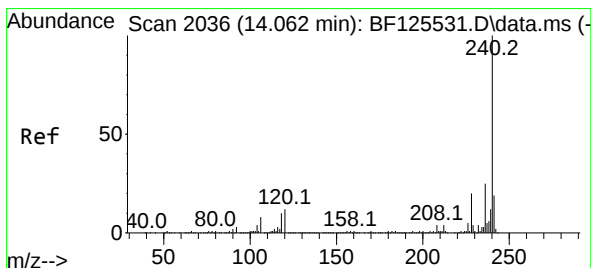
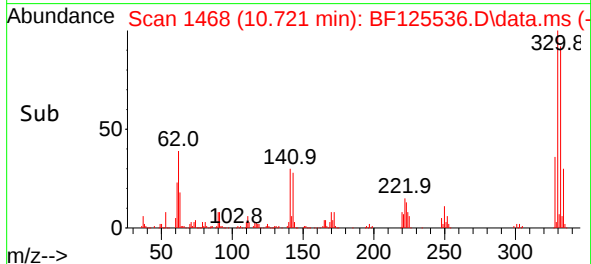
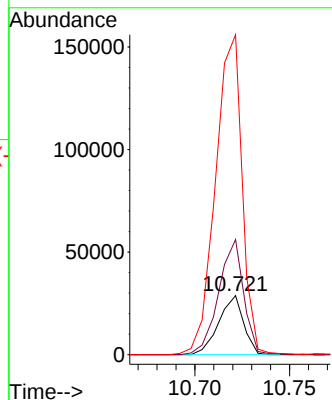
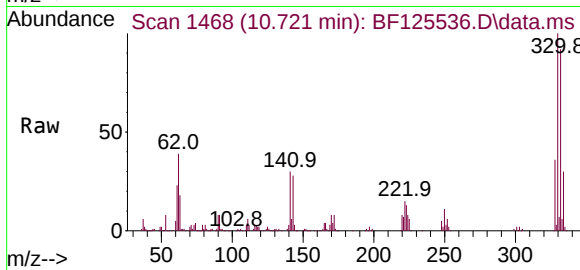




#67
4-Bromophenyl-phenylether
Concen: 2.215 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125536.D
Acq: 21 Sep 2021 15:08

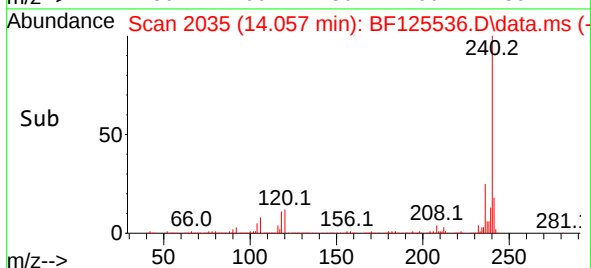
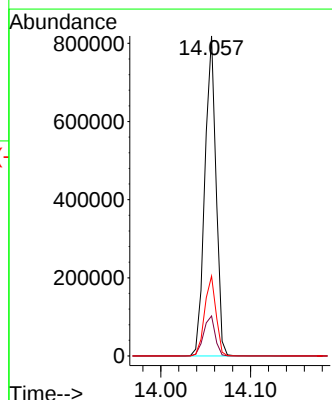
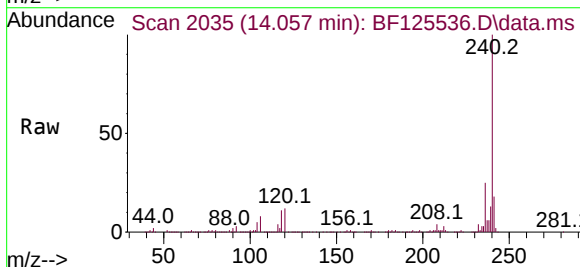
Instrument :
BNA_F
ClientSampleId :
PB139146BL

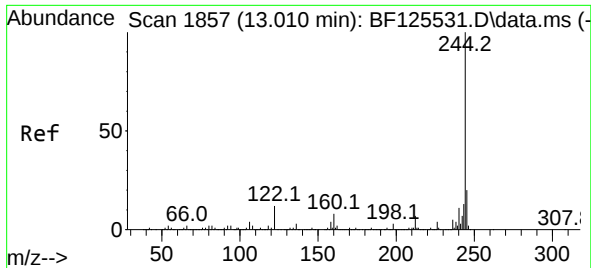
Tgt Ion:248 Resp: 26229
Ion Ratio Lower Upper
248 100
250 195.3 74.2 111.4#
141 542.2 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125536.D
Acq: 21 Sep 2021 15:08

Tgt Ion:240 Resp: 709014
Ion Ratio Lower Upper
240 100
120 12.5 10.8 16.2
236 25.0 21.6 32.4

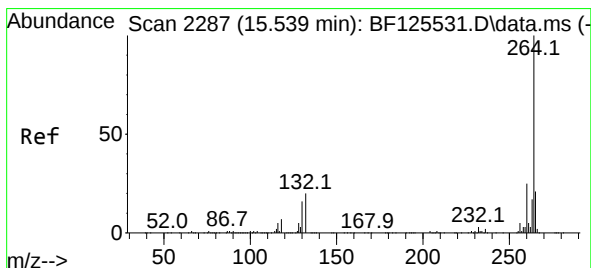
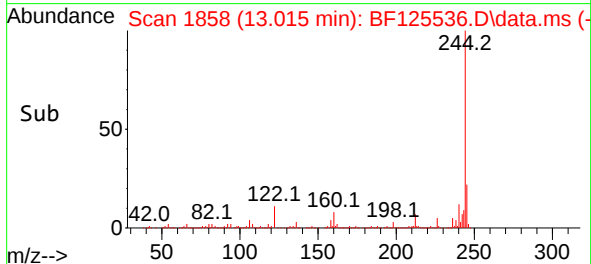
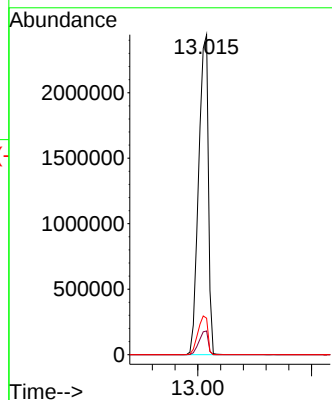
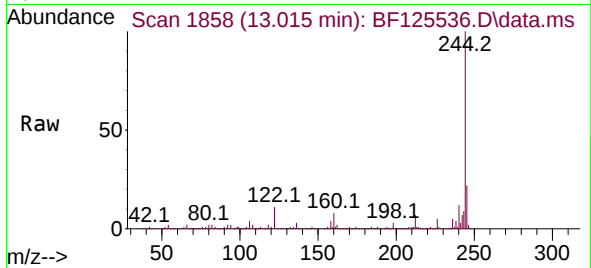




#79
 Terphenyl-d14
 Concen: 65.917 ng
 RT: 13.015 min Scan# 1858
 Delta R.T. 0.006 min
 Lab File: BF125536.D
 Acq: 21 Sep 2021 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB139146BL

Tgt Ion:244 Resp: 2894218
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.4 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: BF125536.D
 Acq: 21 Sep 2021 15:08

Tgt Ion:264 Resp: 534214
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 20.7 17.2 25.8

