

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125550.D
 Acq On : 22 Sep 2021 10:06
 Operator : JU/CG
 Sample : PB139236BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139236BL

Quant Time: Sep 22 10:50:05 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)

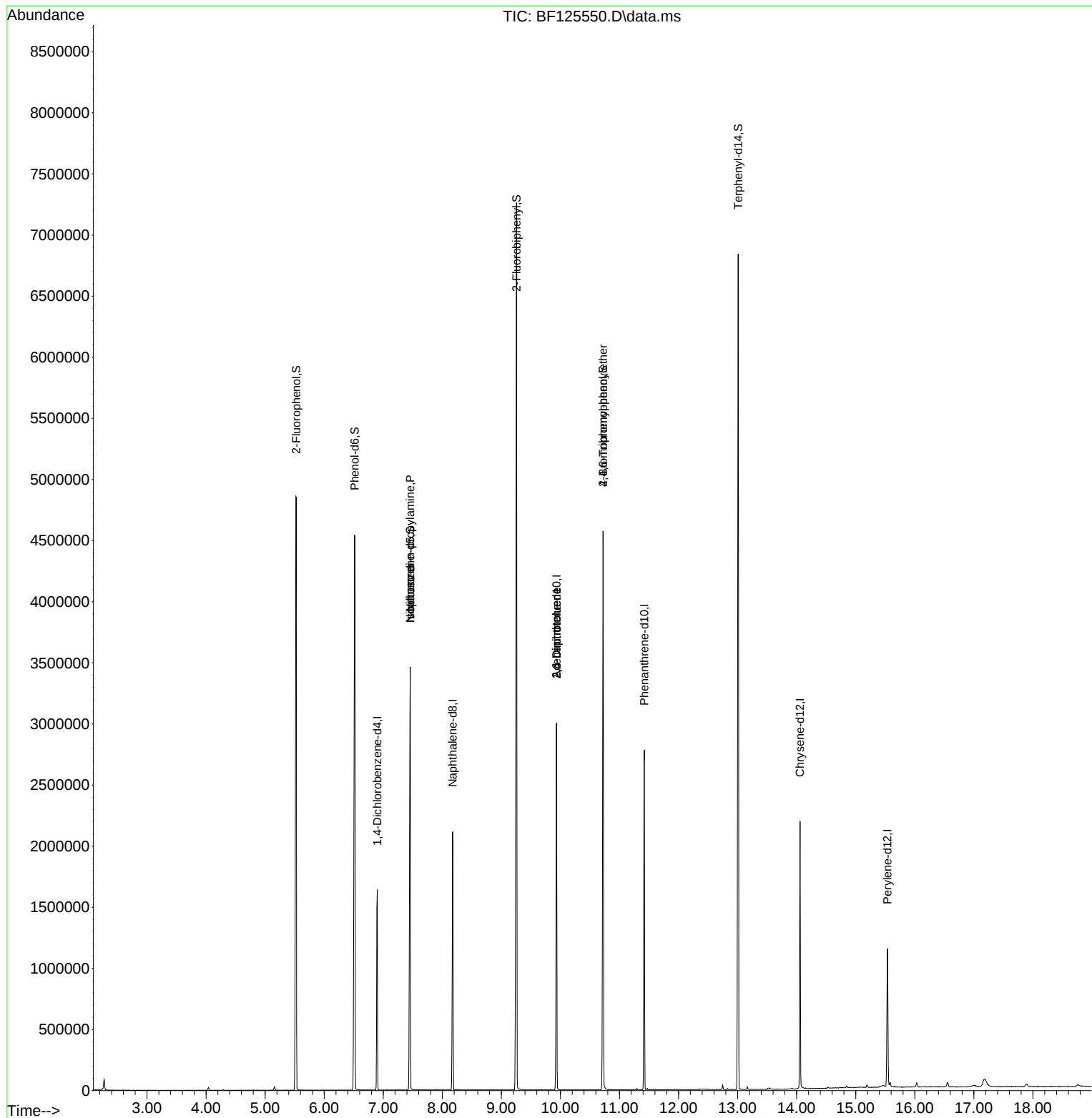
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	257015	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1126031	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	617273	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	1061604	20.000	ng	0.00
76) Chrysene-d12	14.057	240	660080	20.000	ng	0.00
86) Perylene-d12	15.539	264	524945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1760003	108.289	ng	0.02
7) Phenol-d6	6.516	99	2187807	104.404	ng	0.00
23) Nitrobenzene-d5	7.457	82	1340064	75.905	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	656478	108.581	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2596588	74.798	ng	0.00
79) Terphenyl-d14	13.010	244	2583442	63.201	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	2850	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.457	70	170835	13.621	ng	# 50
25) Isophorone	7.457	82	1336817	35.187	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	78331	9.268	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	78331	7.733	ng	# 19
67) 4-Bromophenyl-phenylether	10.722	248	35931	2.962	ng	# 1

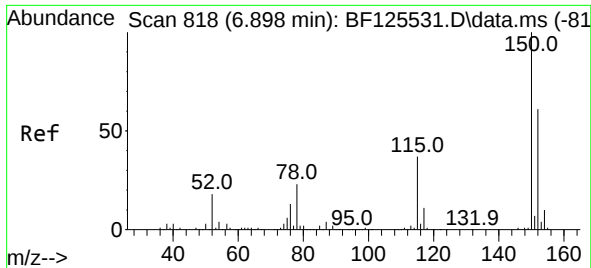
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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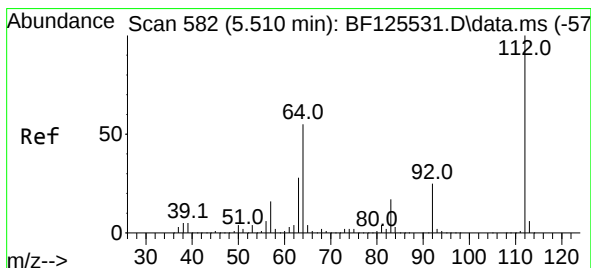
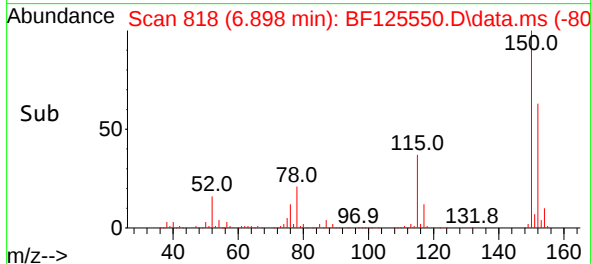
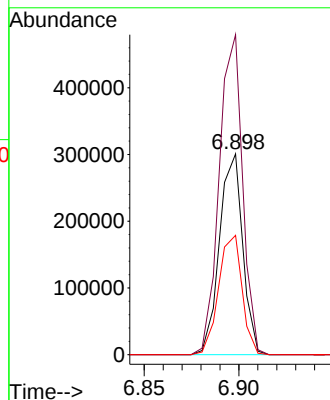
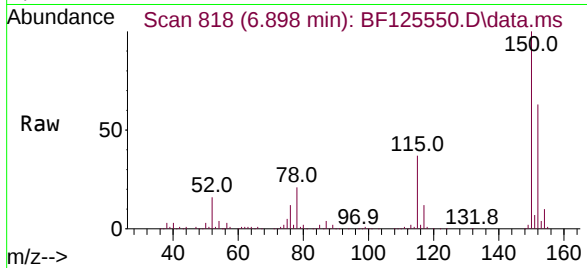




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125550.D
Acq: 22 Sep 2021 10:06

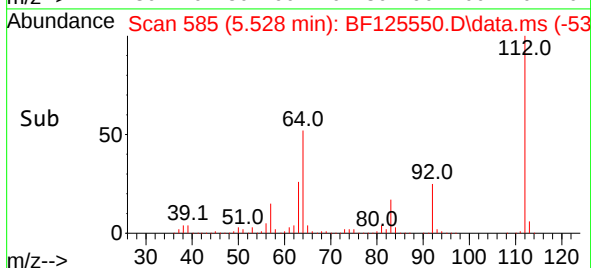
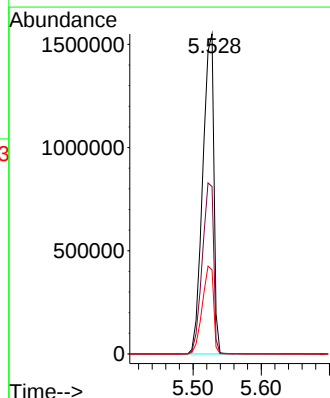
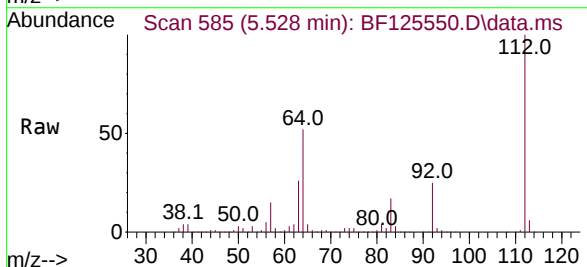
Instrument :
BNA_F
ClientSampleId :
PB139236BL

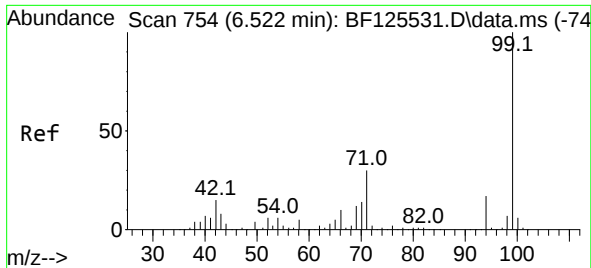
Tgt Ion:152 Resp: 257015
Ion Ratio Lower Upper
152 100
150 159.4 117.6 176.4
115 59.5 47.1 70.7



#5
2-Fluorophenol
Concen: 108.289 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF125550.D
Acq: 22 Sep 2021 10:06

Tgt Ion:112 Resp: 1760003
Ion Ratio Lower Upper
112 100
64 52.3 44.2 66.2
63 26.3 26.2 39.2

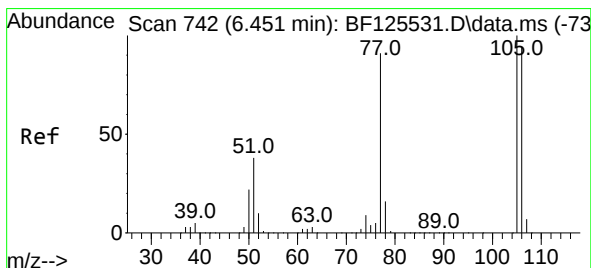
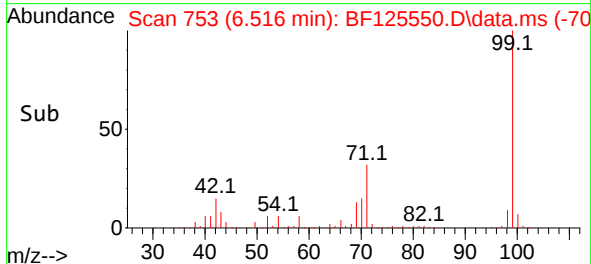
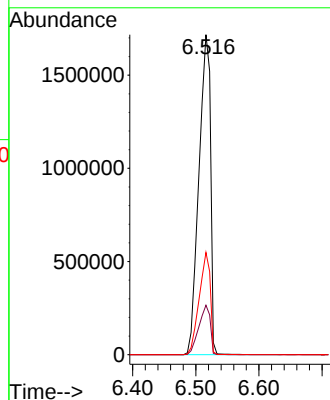
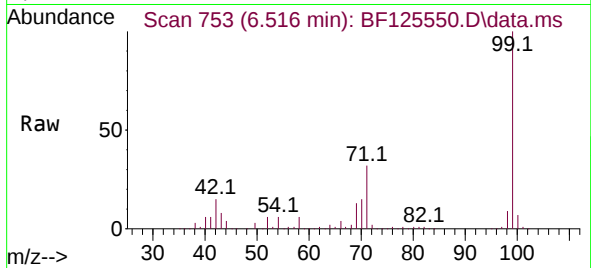




#7
Phenol-d6
Concen: 104.404 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125550.D
Acq: 22 Sep 2021 10:06

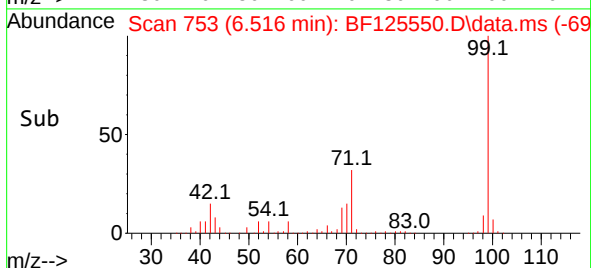
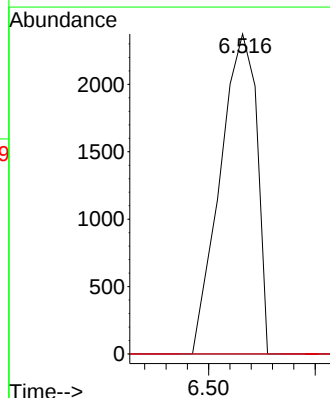
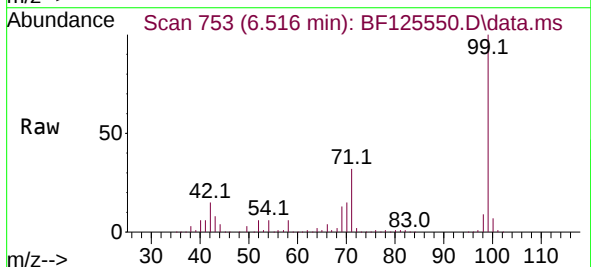
Instrument :
BNA_F
ClientSampleId :
PB139236BL

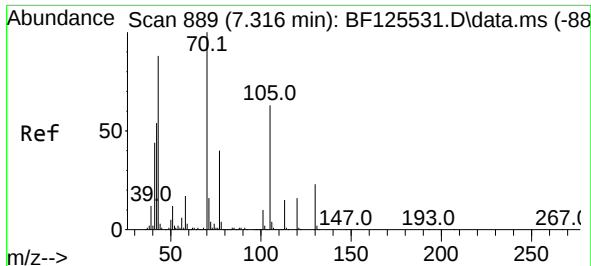
Tgt Ion: 99 Resp: 2187807
Ion Ratio Lower Upper
99 100
42 15.4 23.5 35.3#
71 31.9 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.065 min
Lab File: BF125550.D
Acq: 22 Sep 2021 10:06

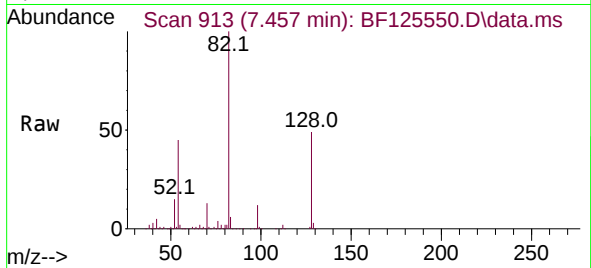
Tgt Ion: 77 Resp: 2850
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



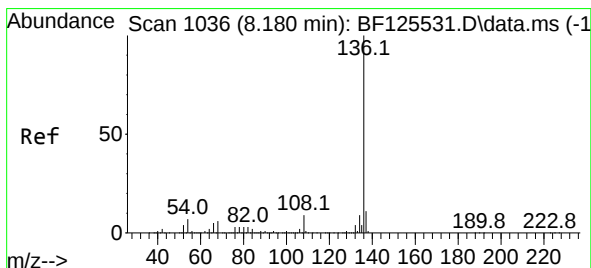
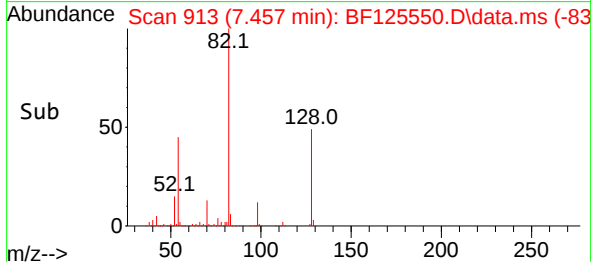
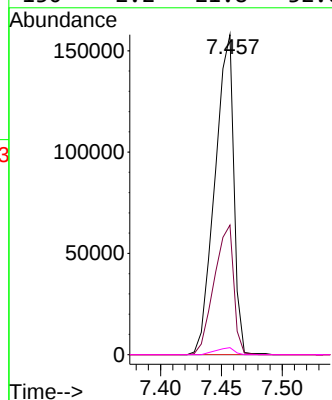


#19
n-Nitroso-di-n-propylamine
Concen: 13.621 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF125550.D
Acq: 22 Sep 2021 10:06

Instrument :
BNA_F
ClientSampleId :
PB139236BL

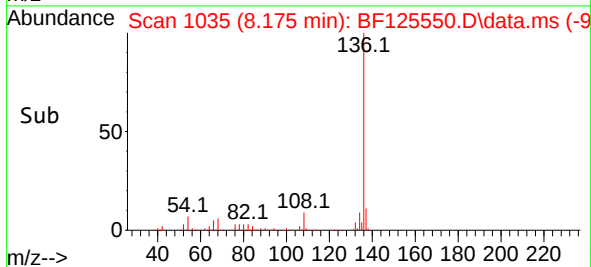
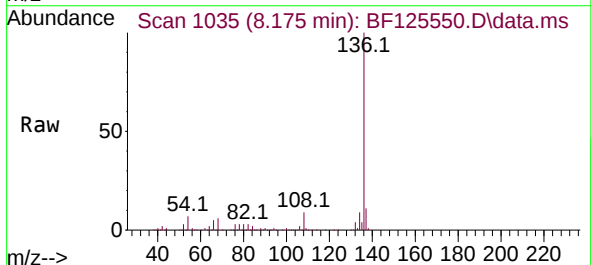
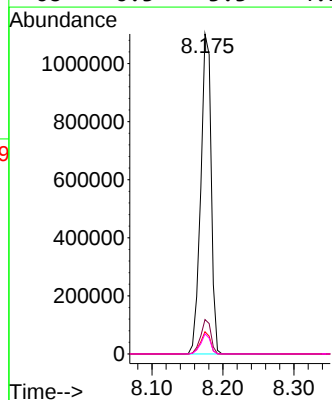


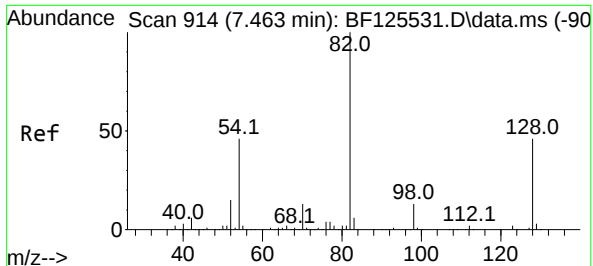
Tgt Ion	Ratio	Lower	Upper
70	100		
42	40.5	72.2	108.2#
101	0.0	7.8	11.8#
130	2.2	21.8	32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125550.D
Acq: 22 Sep 2021 10:06

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	7.0	6.4	9.6
68	6.3	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 75.905 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF125550.D

Acq: 22 Sep 2021 10:06

Tgt Ion: 82 Resp: 1340064

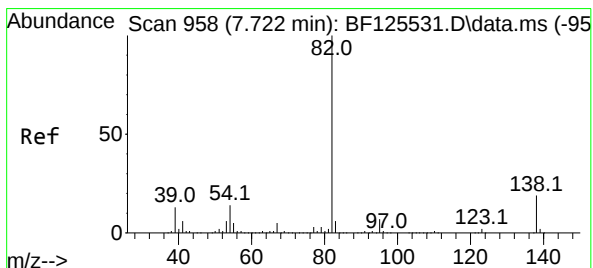
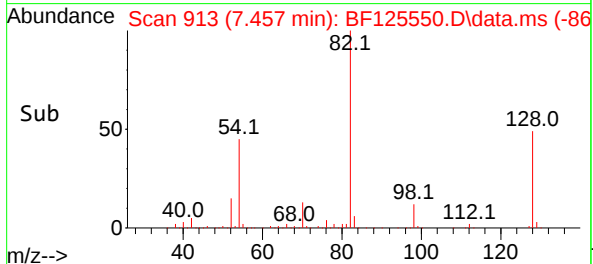
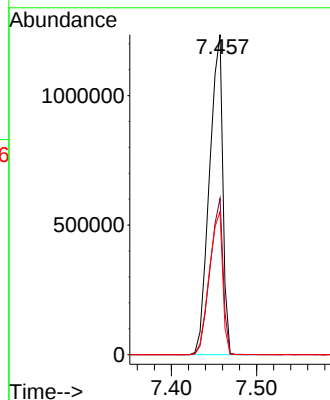
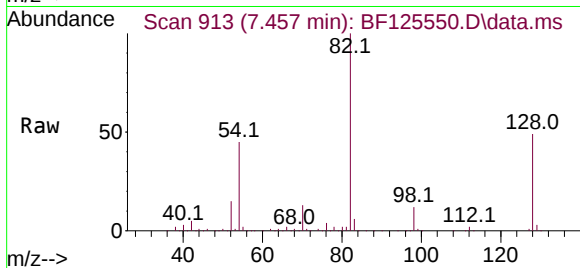
Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.6	60.8
54	44.7	49.6	74.4#

Instrument :

BNA_F

ClientSampleId :

PB139236BL



#25

Isophorone

Concen: 35.187 ng

RT: 7.457 min Scan# 913

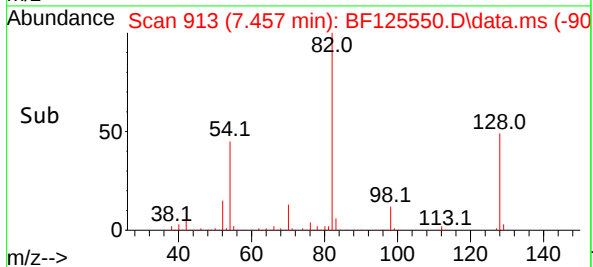
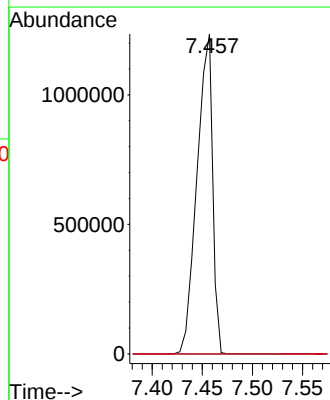
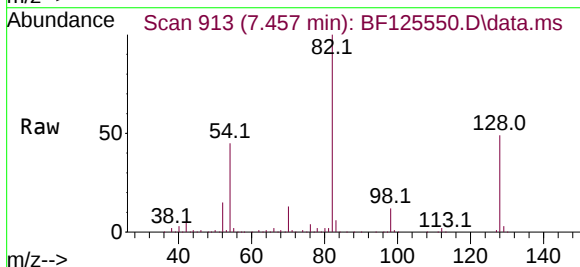
Delta R.T. -0.265 min

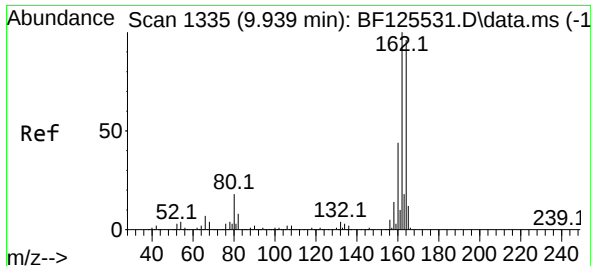
Lab File: BF125550.D

Acq: 22 Sep 2021 10:06

Tgt Ion: 82 Resp: 1336817

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

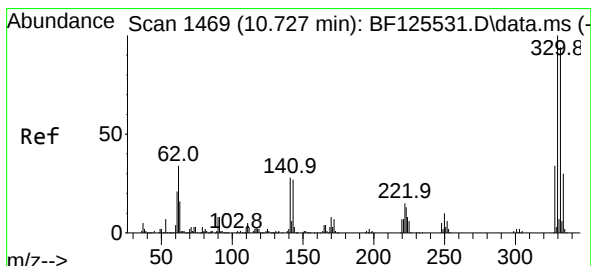
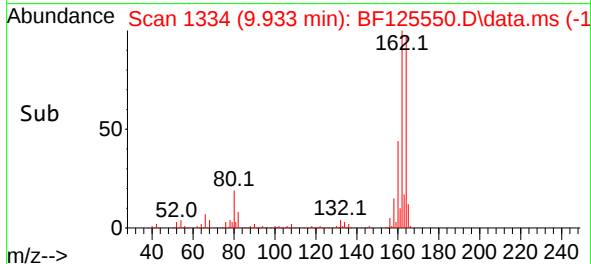
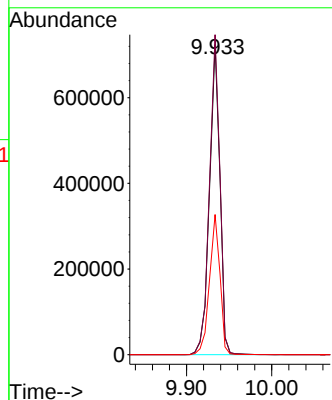
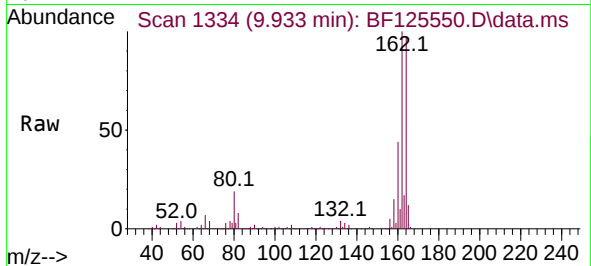




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125550.D
Acq: 22 Sep 2021 10:06

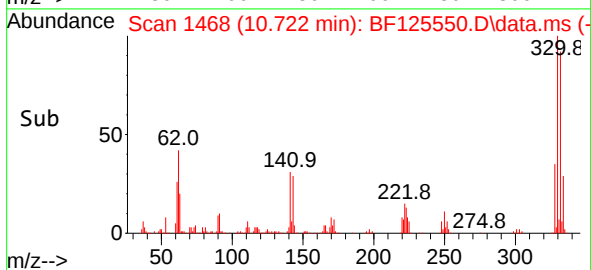
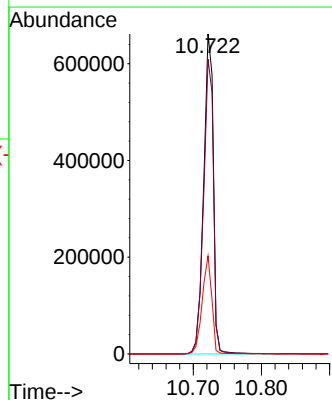
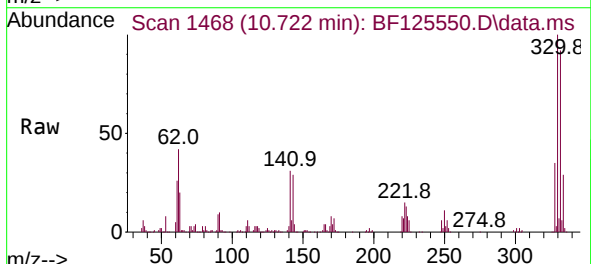
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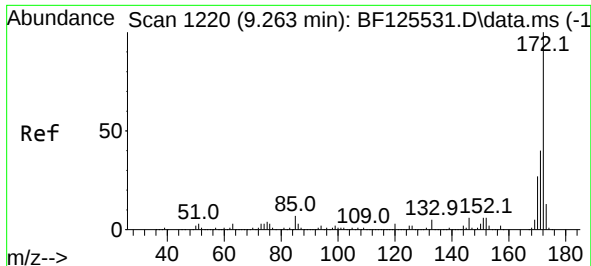
Tgt Ion:164 Resp: 617273
Ion Ratio Lower Upper
164 100
162 103.1 81.3 121.9
160 45.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 108.581 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125550.D
Acq: 22 Sep 2021 10:06

Tgt Ion:330 Resp: 656478
Ion Ratio Lower Upper
330 100
332 93.3 76.2 114.4
141 30.2 44.6 66.8#

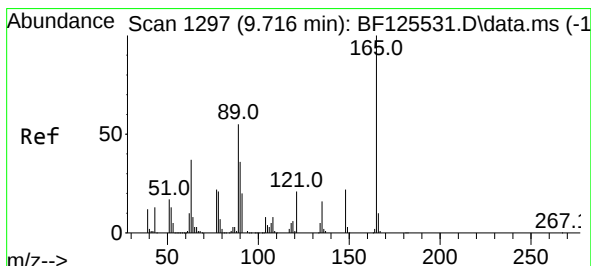
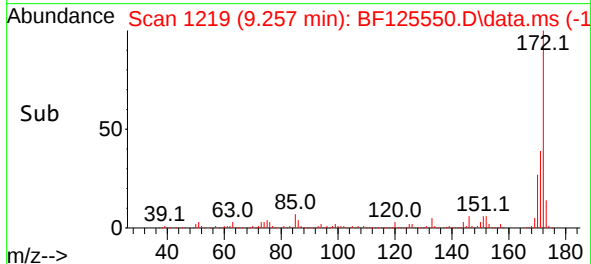
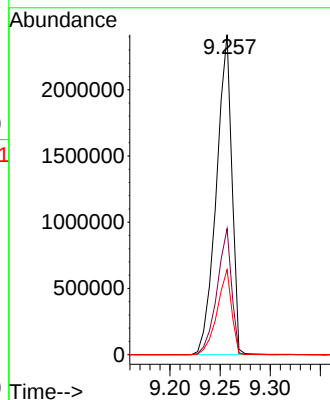
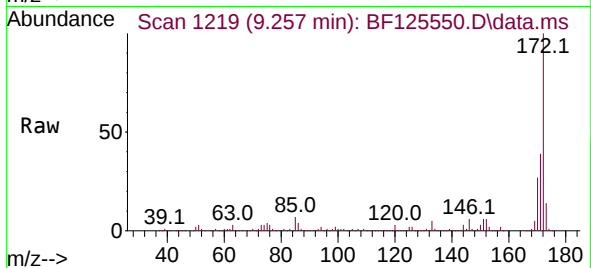




#45
2-Fluorobiphenyl
Concen: 74.798 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF125550.D
Acq: 22 Sep 2021 10:06

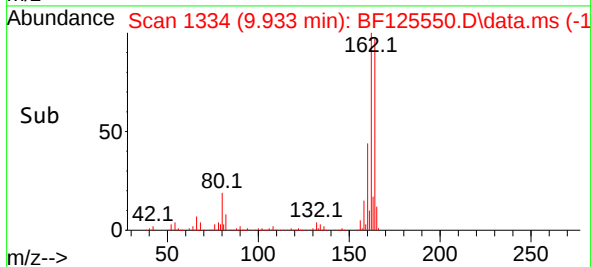
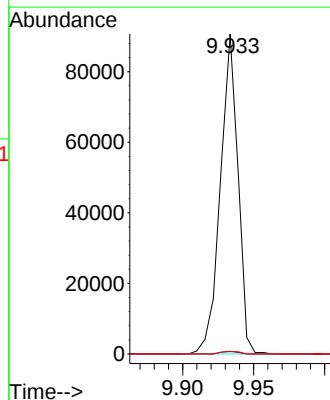
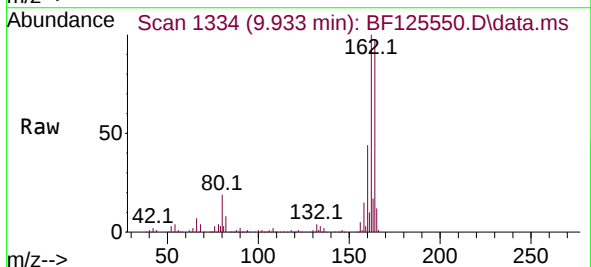
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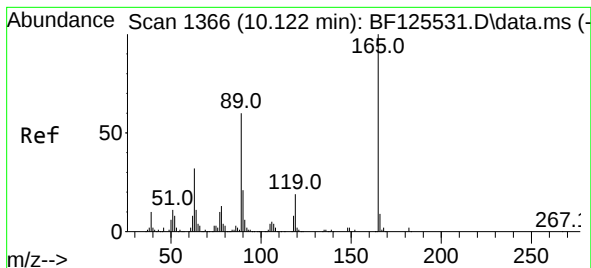
Tgt Ion:172 Resp: 2596588
Ion Ratio Lower Upper
172 100
171 39.4 26.5 39.7
170 26.6 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.268 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125550.D
Acq: 22 Sep 2021 10:06

Tgt Ion:165 Resp: 78331
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.7 40.6 60.8#

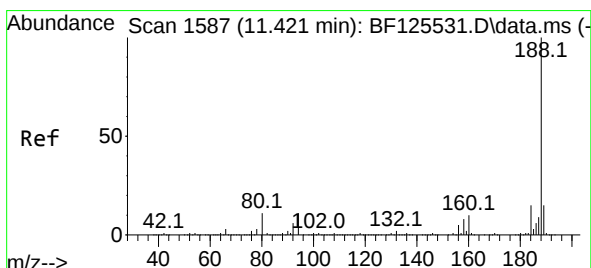
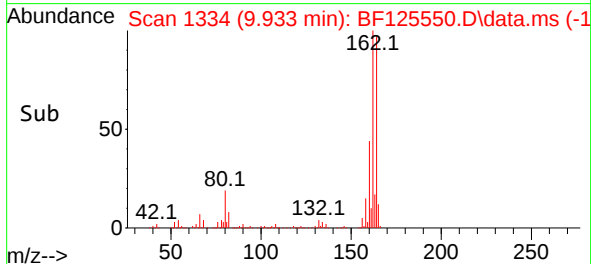
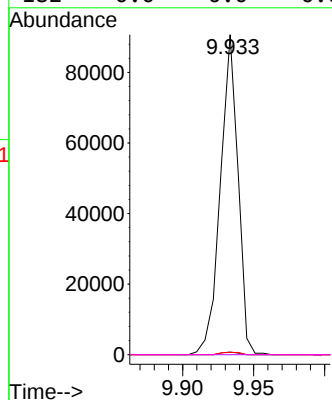
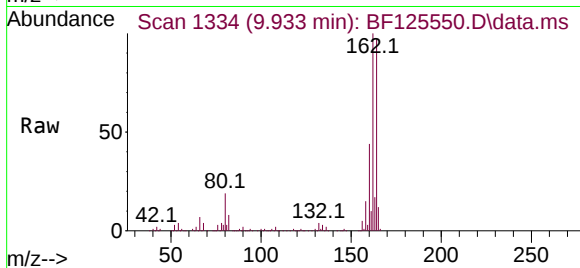




#57
2,4-Dinitrotoluene
Concen: 7.733 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125550.D
Acq: 22 Sep 2021 10:06

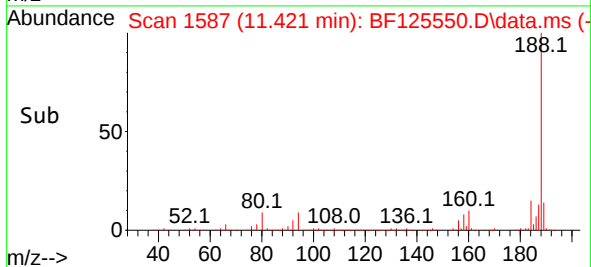
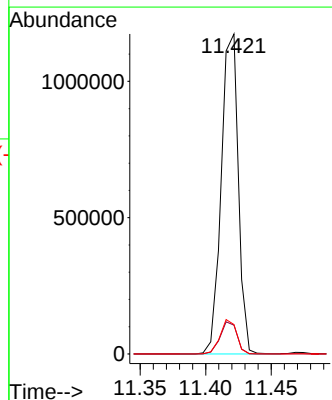
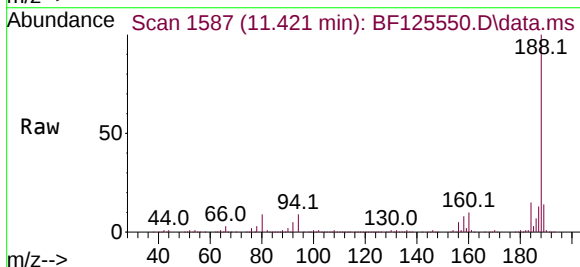
Instrument :
BNA_F
ClientSampleId :
PB139236BL

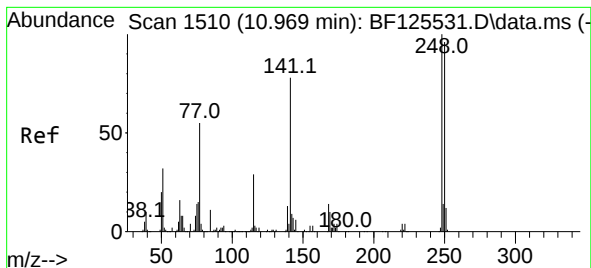
Tgt Ion:165	Resp:	78331
Ion Ratio	Lower	Upper
165	100	
63	0.8	40.9 61.3#
89	0.7	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF125550.D
Acq: 22 Sep 2021 10:06

Tgt Ion:188	Resp:	1061604
Ion Ratio	Lower	Upper
188	100	
94	9.0	6.7 10.1
80	9.2	7.5 11.3

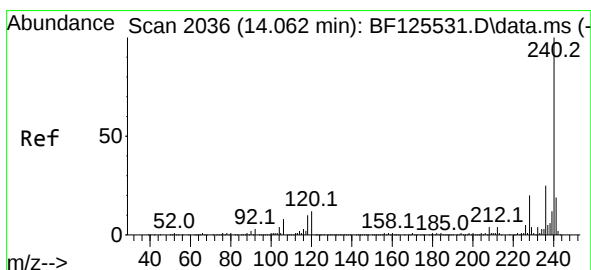
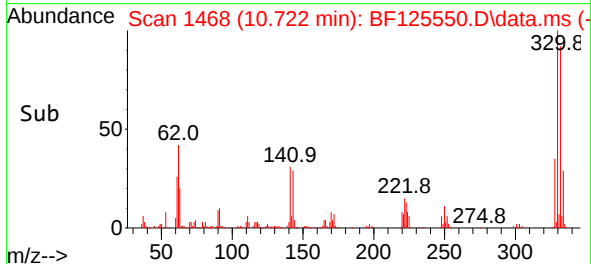
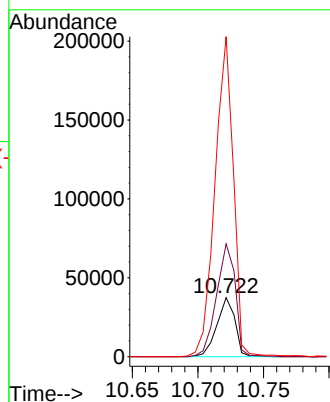
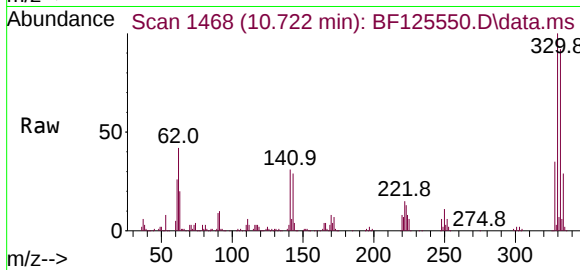




#67
4-Bromophenyl-phenylether
Concen: 2.962 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125550.D
Acq: 22 Sep 2021 10:06

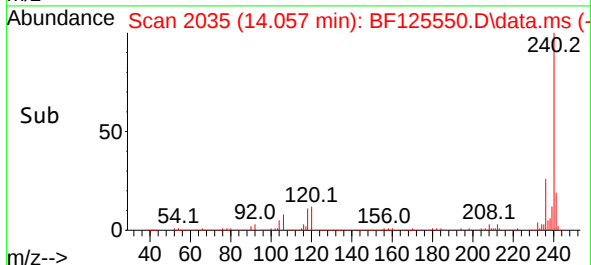
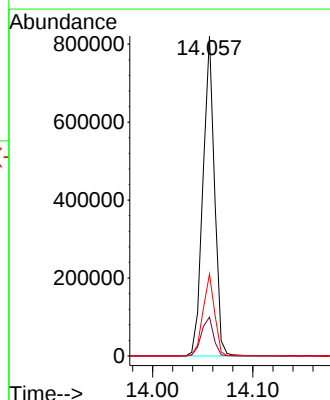
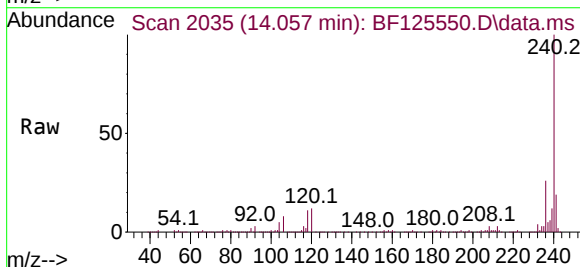
Instrument :
BNA_F
ClientSampleId :
PB139236BL

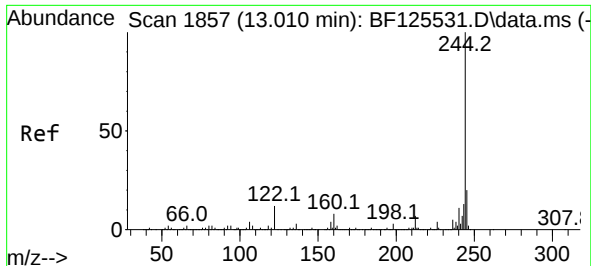
Tgt Ion:248 Resp: 35931
Ion Ratio Lower Upper
248 100
250 191.1 74.2 111.4#
141 541.9 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125550.D
Acq: 22 Sep 2021 10:06

Tgt Ion:240 Resp: 660080
Ion Ratio Lower Upper
240 100
120 12.2 10.8 16.2
236 25.6 21.6 32.4

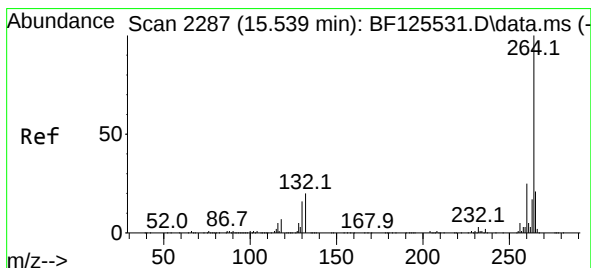
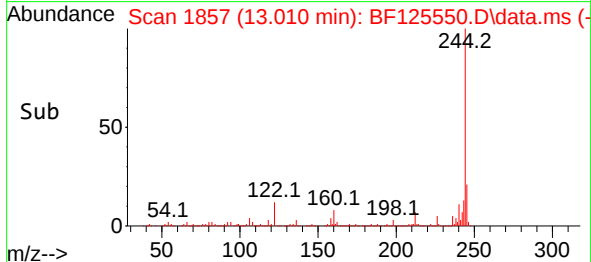
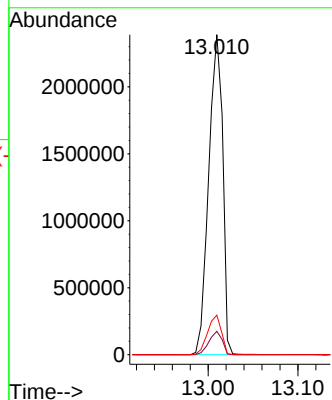
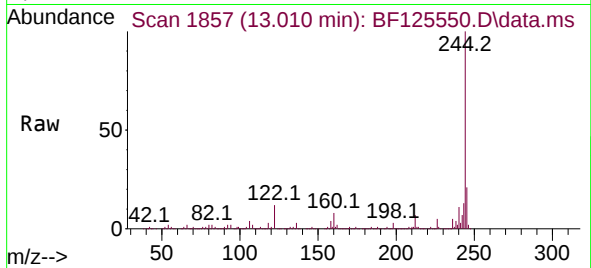




#79
 Terphenyl-d14
 Concen: 63.201 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: BF125550.D
 Acq: 22 Sep 2021 10:06

Instrument :
 BNA_F
 ClientSampleId :
 PB139236BL

Tgt Ion:244 Resp: 2583442
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.4 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: BF125550.D
 Acq: 22 Sep 2021 10:06

Tgt Ion:264 Resp: 524945
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 21.0 17.2 25.8

