

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125574.D
 Acq On : 22 Sep 2021 23:23
 Operator : JU/CG
 Sample : M3687-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A009095

Quant Time: Sep 23 04:50:48 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)

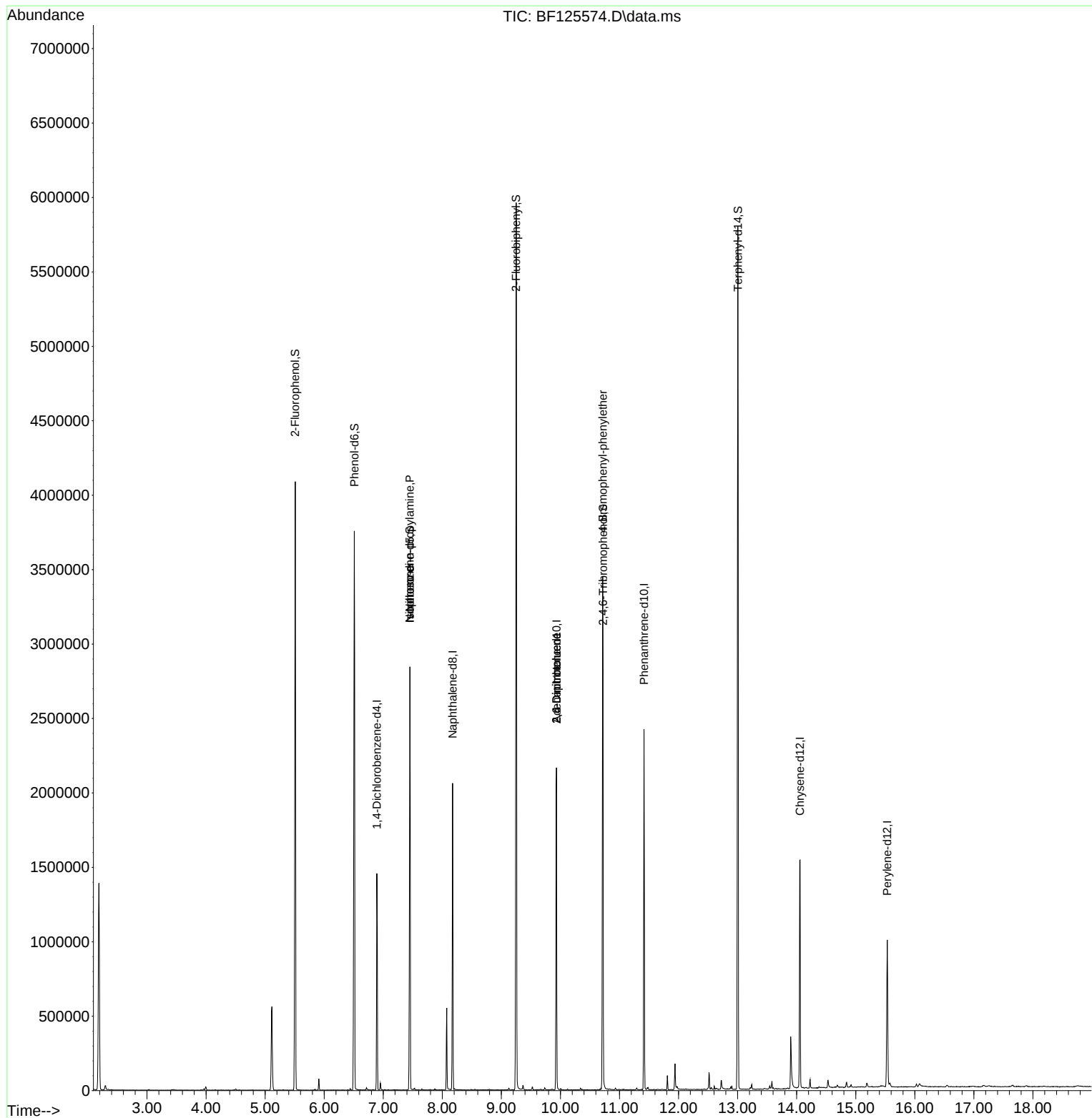
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	209180	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	875629	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	466343	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	815813	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	548681	20.000	ng	0.00
86) Perylene-d12	15.533	264	435001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1273444	96.270	ng	0.00
7) Phenol-d6	6.510	99	1568948	91.993	ng	-0.01
23) Nitrobenzene-d5	7.451	82	951216	69.288	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	465035	101.810	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1959341	74.692	ng	-0.01
79) Terphenyl-d14	13.004	244	2101678	61.854	ng	0.00
Target Compounds						
9) Benzaldehyde	6.510	77	1914	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	119696	11.726	ng	# 51
25) Isophorone	7.451	82	948057	32.090	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	58762	9.203	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	58762	7.679	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	25787	2.766	ng	# 1

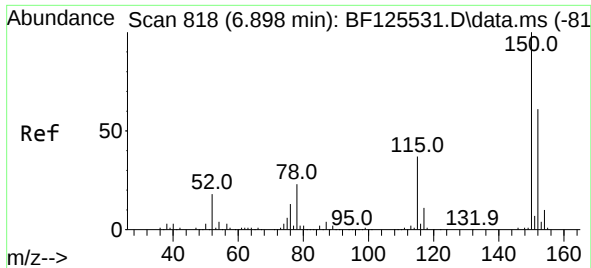
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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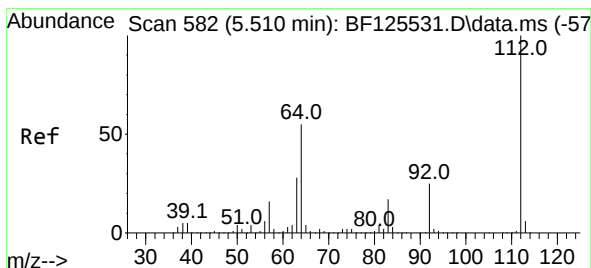
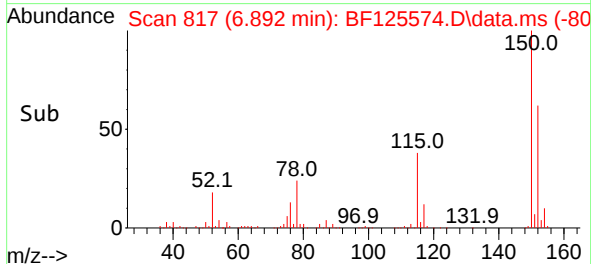
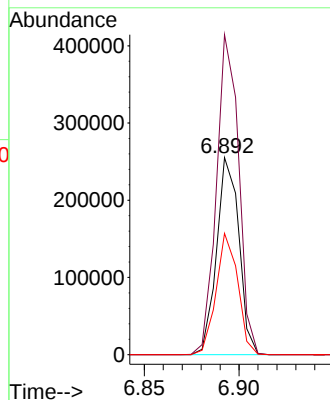
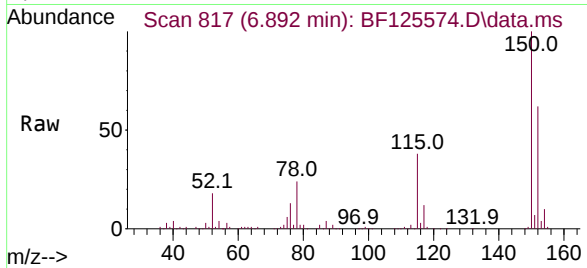




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125574.D
Acq: 22 Sep 2021 23:23

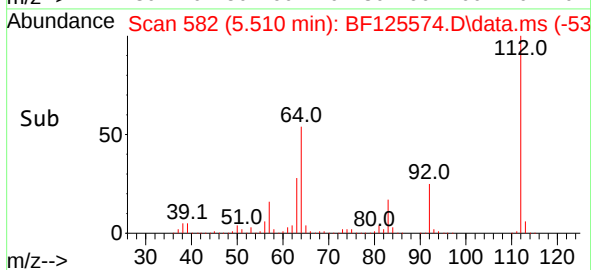
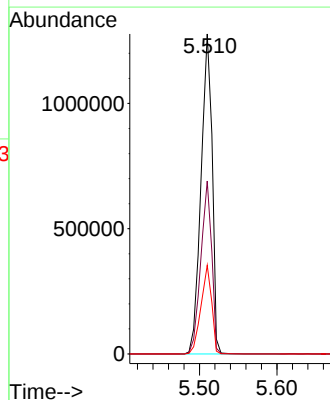
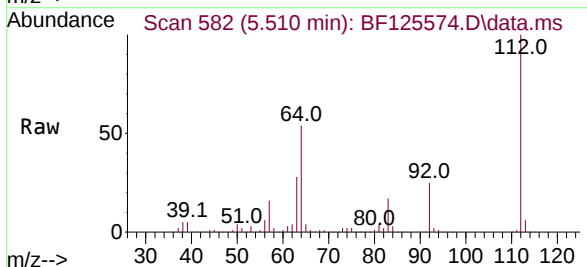
Instrument :
BNA_F
ClientSampleId :
A009095

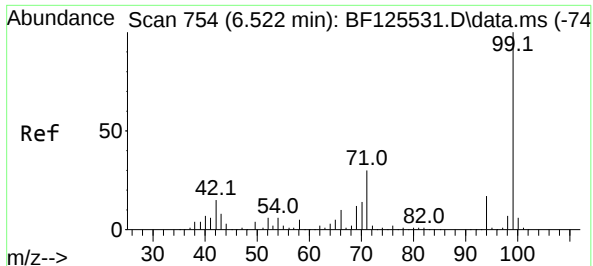
Tgt Ion:152 Resp: 209180
Ion Ratio Lower Upper
152 100
150 162.3 117.6 176.4
115 61.5 47.1 70.7



#5
2-Fluorophenol
Concen: 96.270 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF125574.D
Acq: 22 Sep 2021 23:23

Tgt Ion:112 Resp: 1273444
Ion Ratio Lower Upper
112 100
64 54.1 44.2 66.2
63 27.7 26.2 39.2

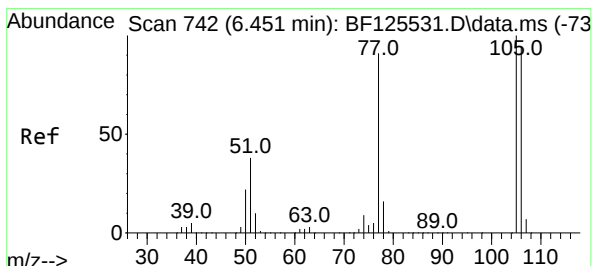
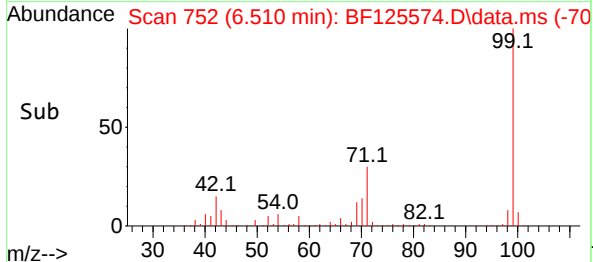
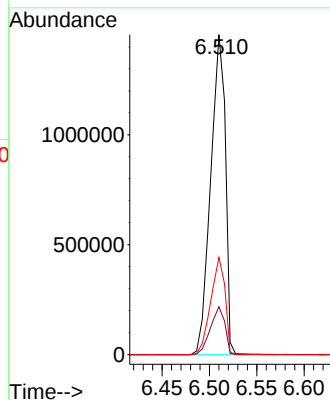
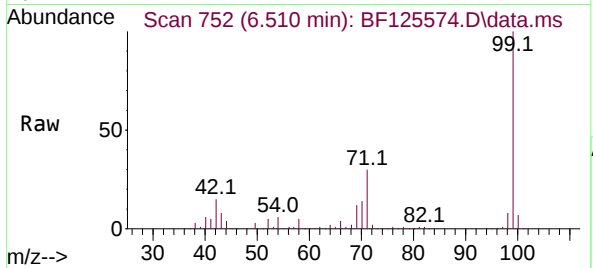




#7
Phenol-d6
Concen: 91.993 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125574.D
Acq: 22 Sep 2021 23:23

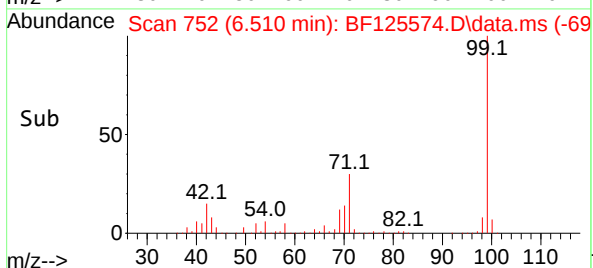
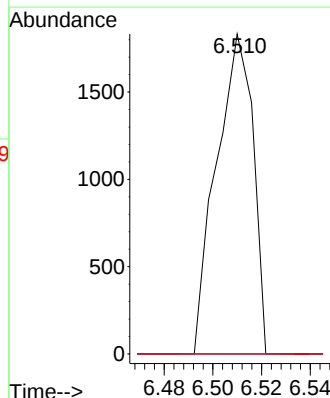
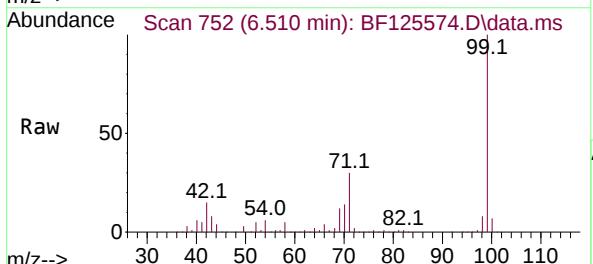
Instrument :
BNA_F
ClientSampleId :
A009095

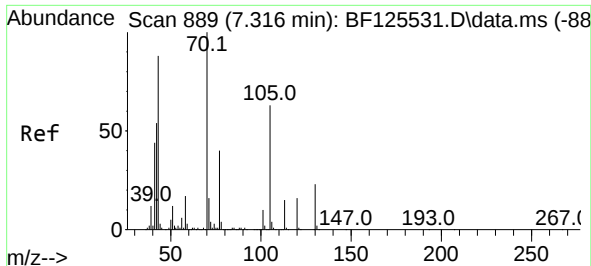
Tgt Ion: 99 Resp: 1568948
Ion Ratio Lower Upper
99 100
42 15.0 23.5 35.3#
71 30.4 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.059 min
Lab File: BF125574.D
Acq: 22 Sep 2021 23:23

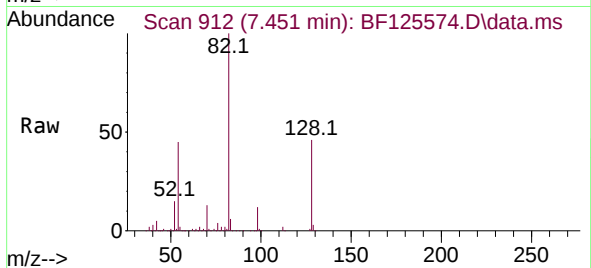
Tgt Ion: 77 Resp: 1914
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



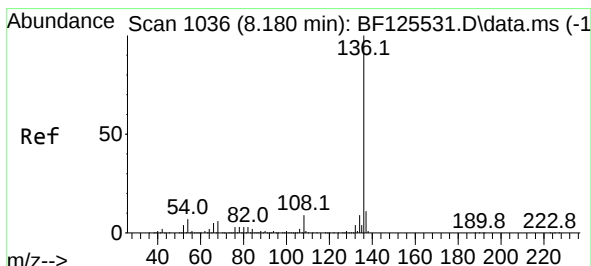
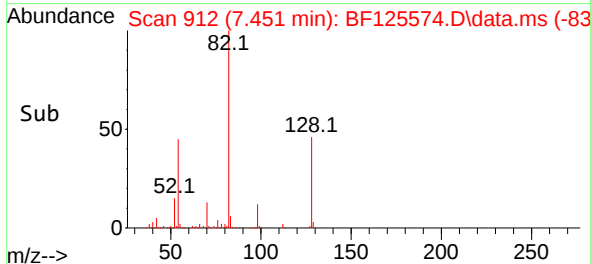
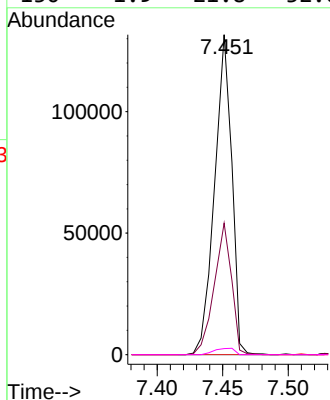


#19
n-Nitroso-di-n-propylamine
Concen: 11.726 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125574.D
Acq: 22 Sep 2021 23:23

Instrument :
BNA_F
ClientSampleId :
A009095

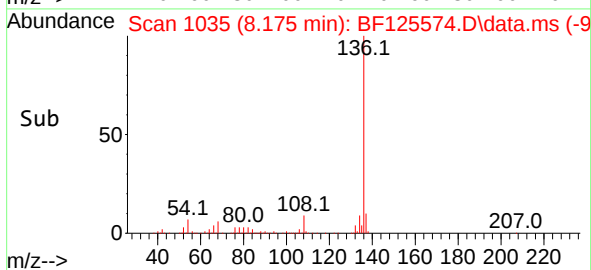
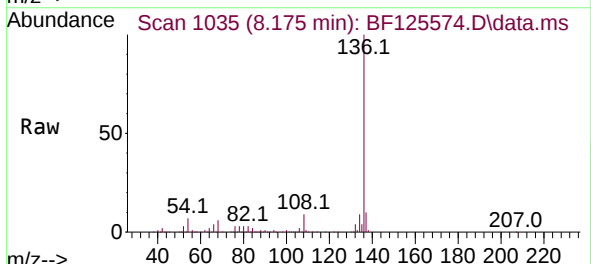
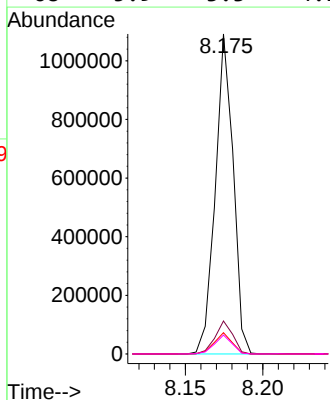


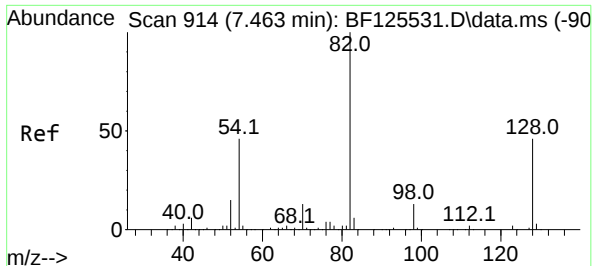
Tgt Ion: 70 Resp: 119696
Ion Ratio Lower Upper
70 100
42 41.1 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125574.D
Acq: 22 Sep 2021 23:23

Tgt Ion: 136 Resp: 875629
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 6.7 6.4 9.6
68 5.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 69.288 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF125574.D

Acq: 22 Sep 2021 23:23

Tgt Ion: 82 Resp: 951216

Ion Ratio Lower Upper

82 100

128 46.3 40.6 60.8

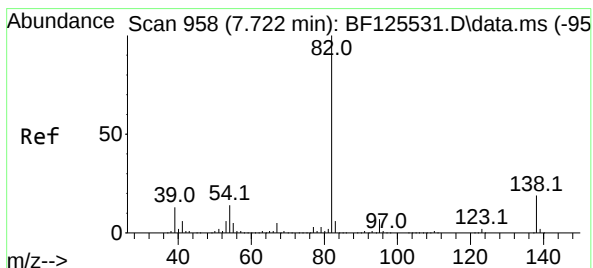
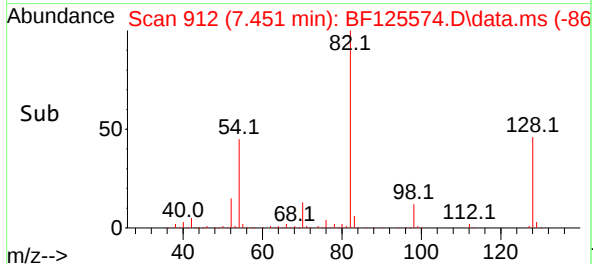
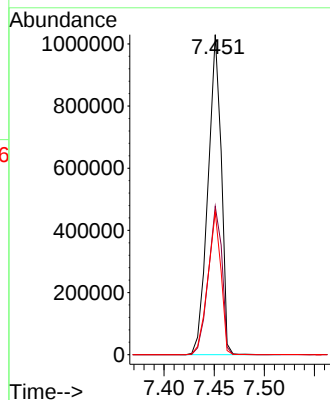
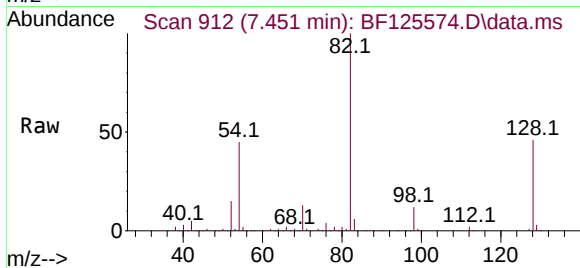
54 44.6 49.6 74.4#

Instrument :

BNA_F

ClientSampleId :

A009095



#25

Isophorone

Concen: 32.090 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.271 min

Lab File: BF125574.D

Acq: 22 Sep 2021 23:23

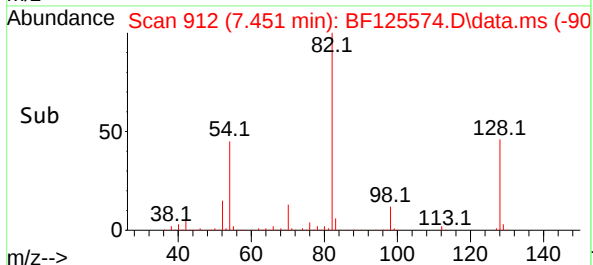
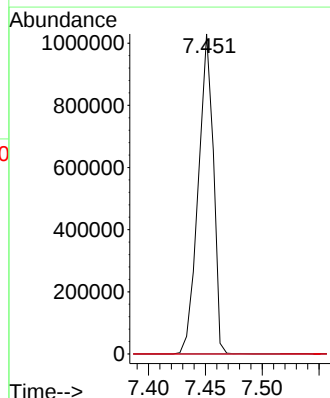
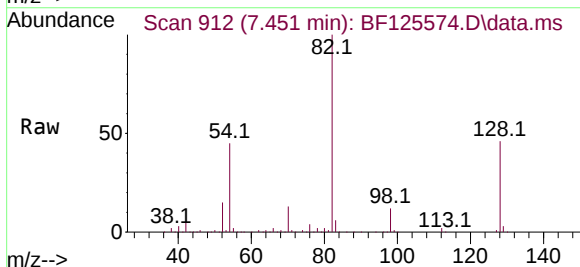
Tgt Ion: 82 Resp: 948057

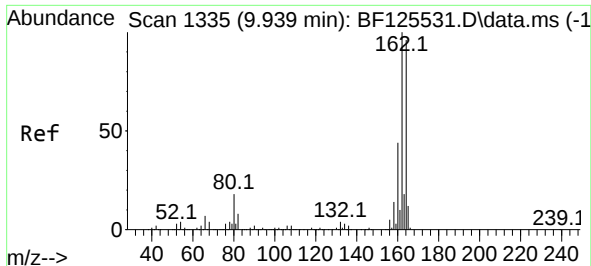
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

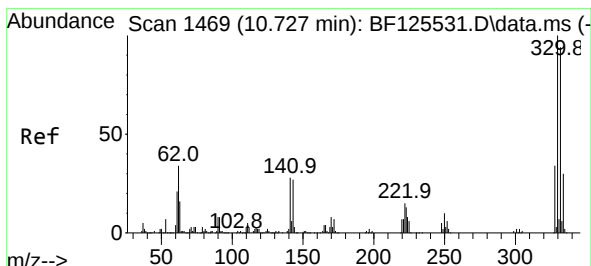
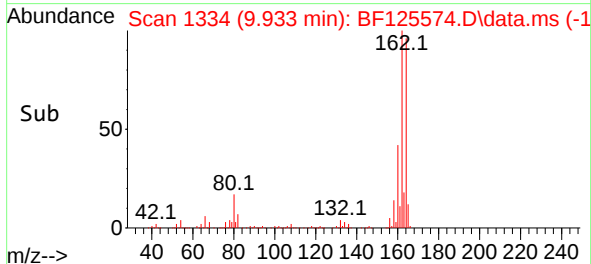
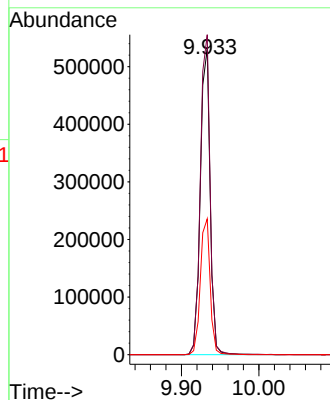
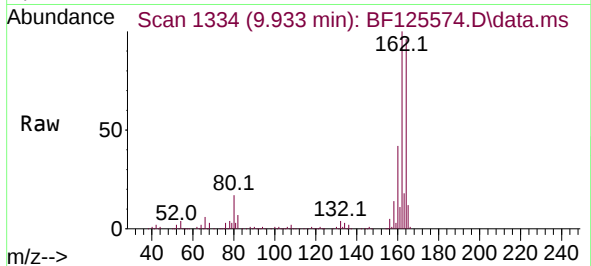




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125574.D
Acq: 22 Sep 2021 23:23

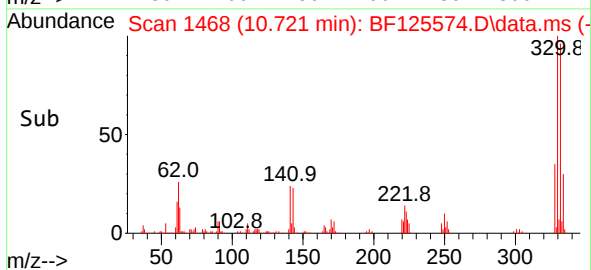
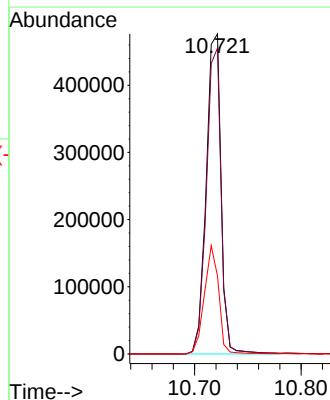
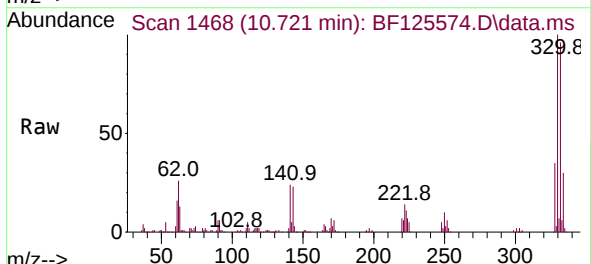
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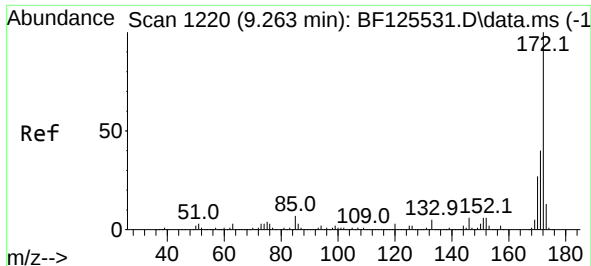
Tgt Ion:164 Resp: 466343
Ion Ratio Lower Upper
164 100
162 104.5 81.3 121.9
160 44.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 101.810 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125574.D
Acq: 22 Sep 2021 23:23

Tgt Ion:330 Resp: 465035
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 32.5 44.6 66.8#

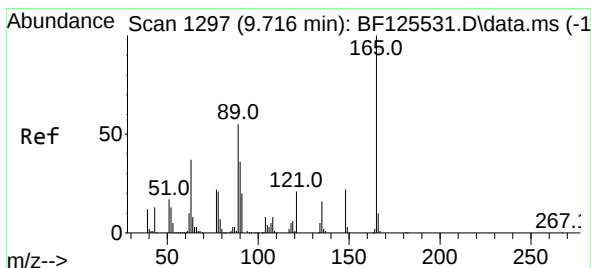
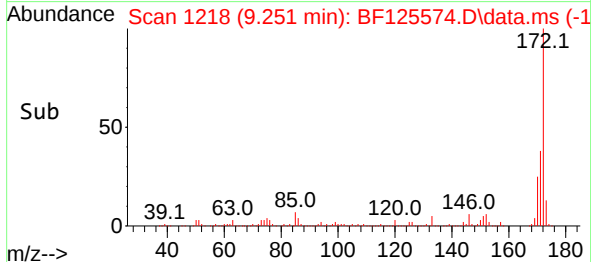
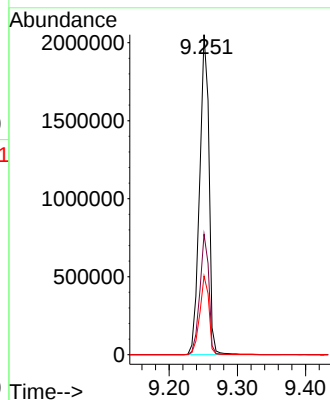
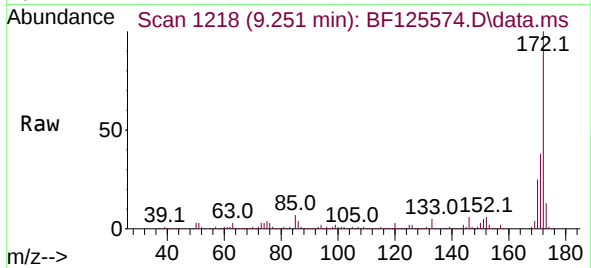




#45
2-Fluorobiphenyl
Concen: 74.692 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125574.D
Acq: 22 Sep 2021 23:23

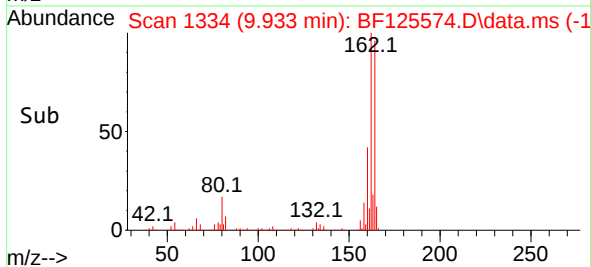
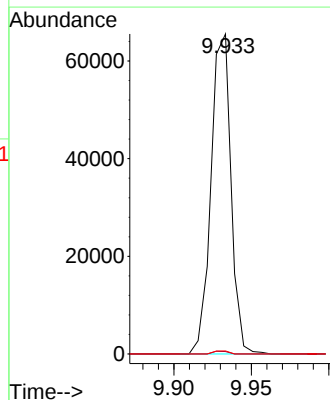
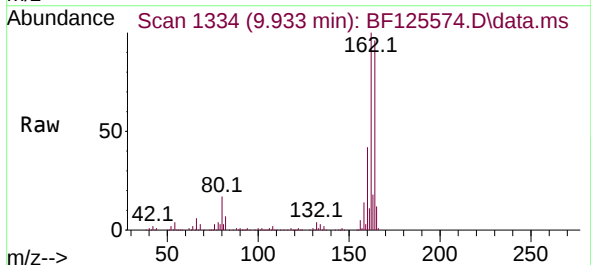
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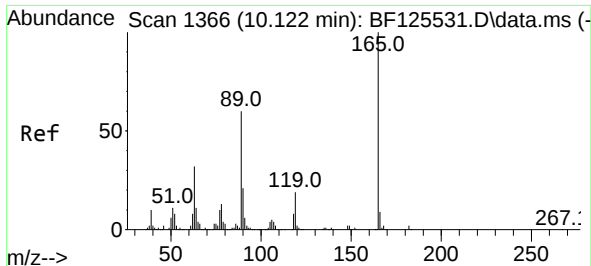
Tgt Ion:172 Resp: 1959341
Ion Ratio Lower Upper
172 100
171 37.6 26.5 39.7
170 24.6 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.203 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125574.D
Acq: 22 Sep 2021 23:23

Tgt Ion:165 Resp: 58762
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 0.9 40.6 60.8#

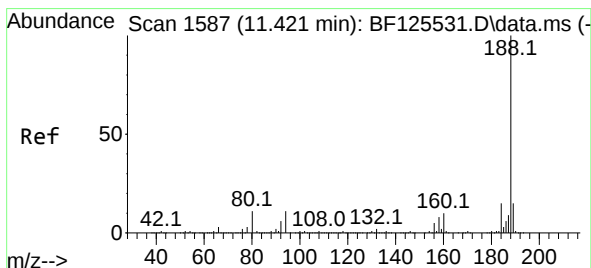
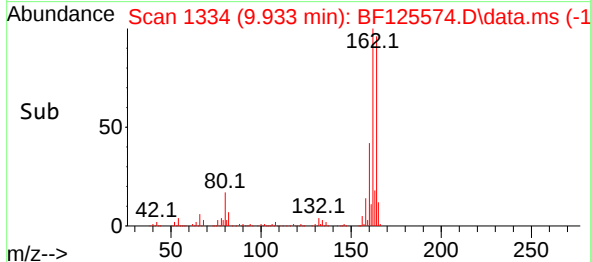
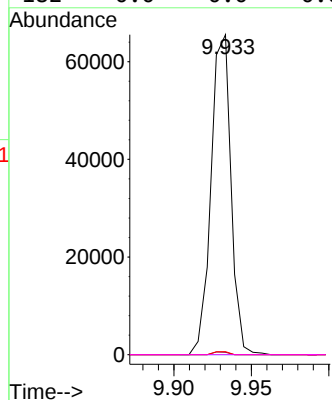
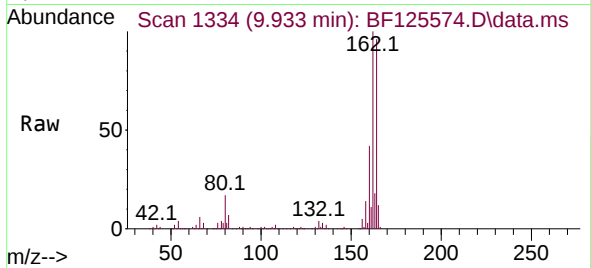




#57
2,4-Dinitrotoluene
Concen: 7.679 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125574.D
Acq: 22 Sep 2021 23:23

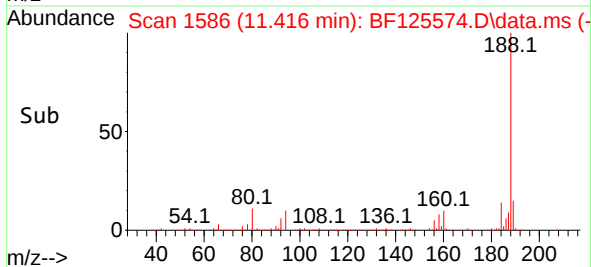
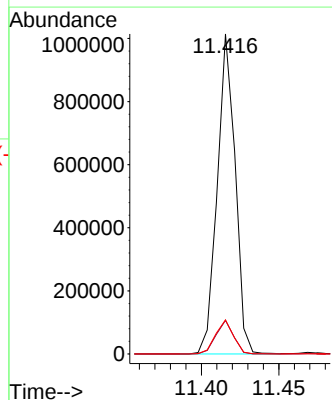
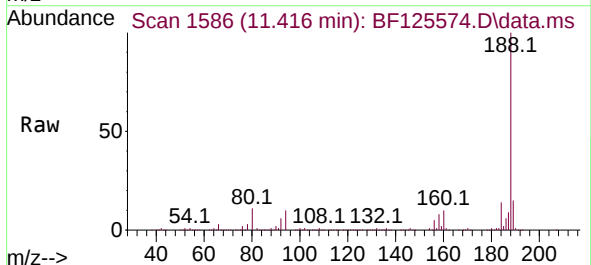
Instrument :
BNA_F
ClientSampleId :
A009095

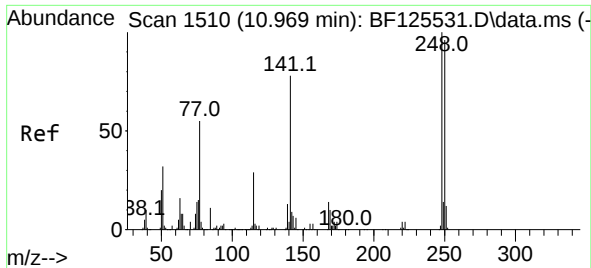
Tgt Ion:165	Resp:	58762
Ion Ratio	Lower	Upper
165	100	
63	0.7	40.9 61.3#
89	0.9	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125574.D
Acq: 22 Sep 2021 23:23

Tgt Ion:188	Resp:	815813
Ion Ratio	Lower	Upper
188	100	
94	10.5	6.7 10.1#
80	10.7	7.5 11.3

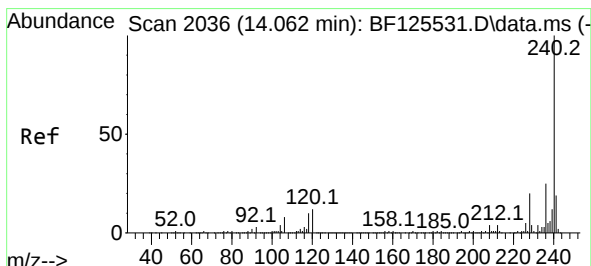
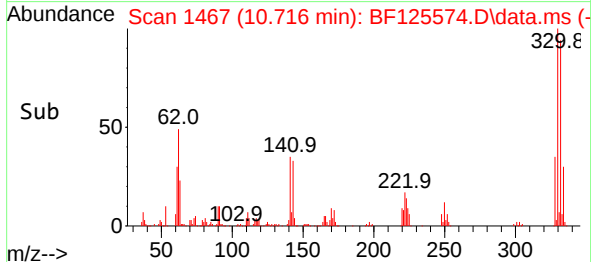
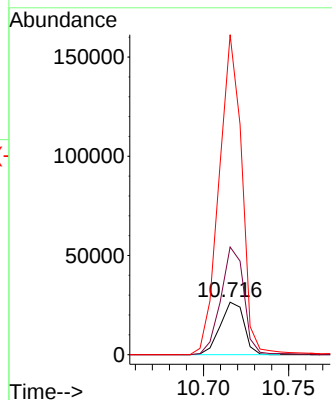
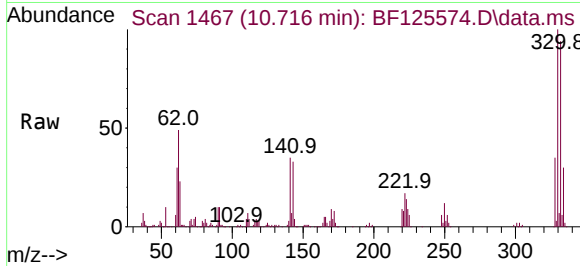




#67
4-Bromophenyl-phenylether
Concen: 2.766 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF125574.D
Acq: 22 Sep 2021 23:23

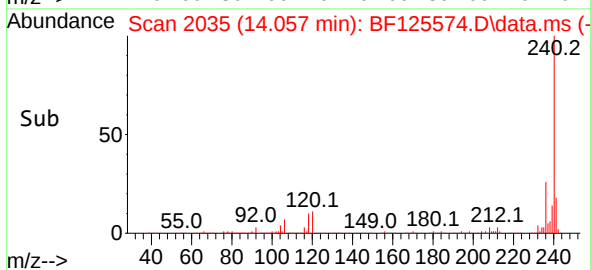
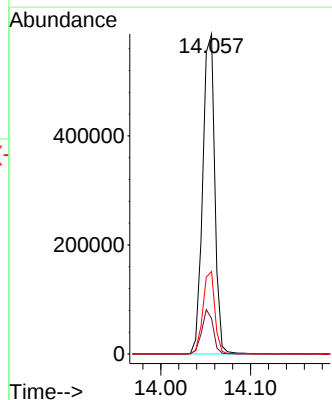
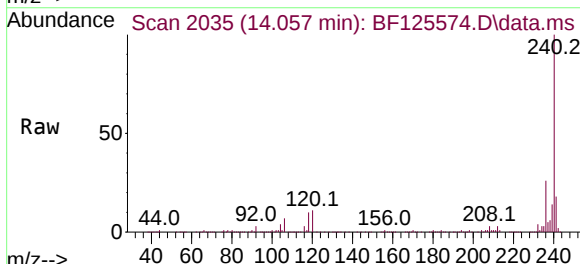
Instrument :
BNA_F
ClientSampleId :
A009095

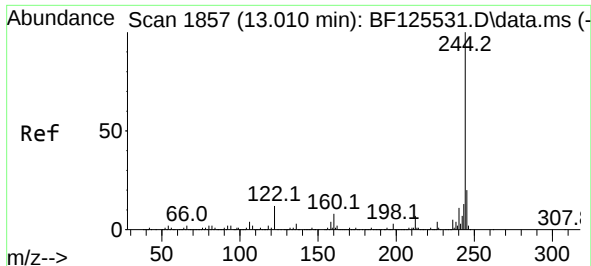
Tgt Ion:248 Resp: 25787
Ion Ratio Lower Upper
248 100
250 205.0 74.2 111.4#
141 609.2 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125574.D
Acq: 22 Sep 2021 23:23

Tgt Ion:240 Resp: 548681
Ion Ratio Lower Upper
240 100
120 11.1 10.8 16.2
236 25.8 21.6 32.4

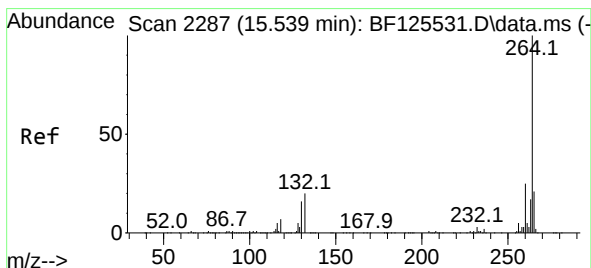
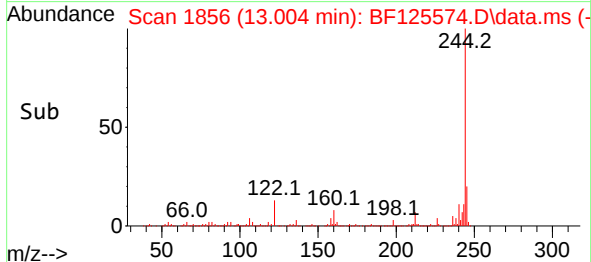
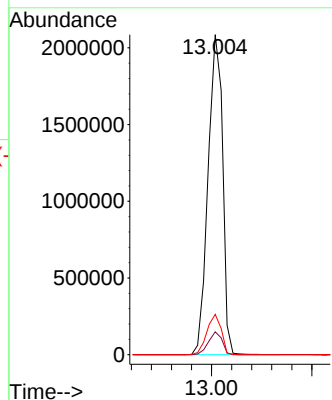
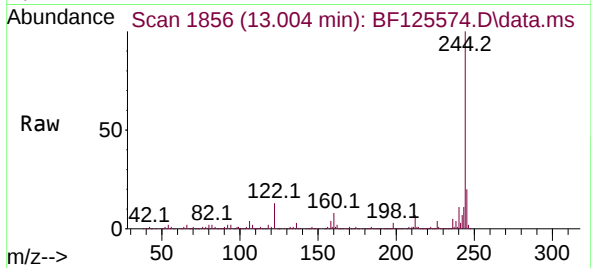




#79
 Terphenyl-d14
 Concen: 61.854 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. -0.006 min
 Lab File: BF125574.D
 Acq: 22 Sep 2021 23:23

Instrument :
 BNA_F
 ClientSampleId :
 A009095

Tgt Ion:244 Resp: 2101678
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.6 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: BF125574.D
 Acq: 22 Sep 2021 23:23

Tgt Ion:264 Resp: 435001
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 20.8 17.2 25.8

