

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125576.D
 Acq On : 23 Sep 2021 00:27
 Operator : JU/CG
 Sample : M3798-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-01-(5-8)

Quant Time: Sep 23 04:51:11 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)

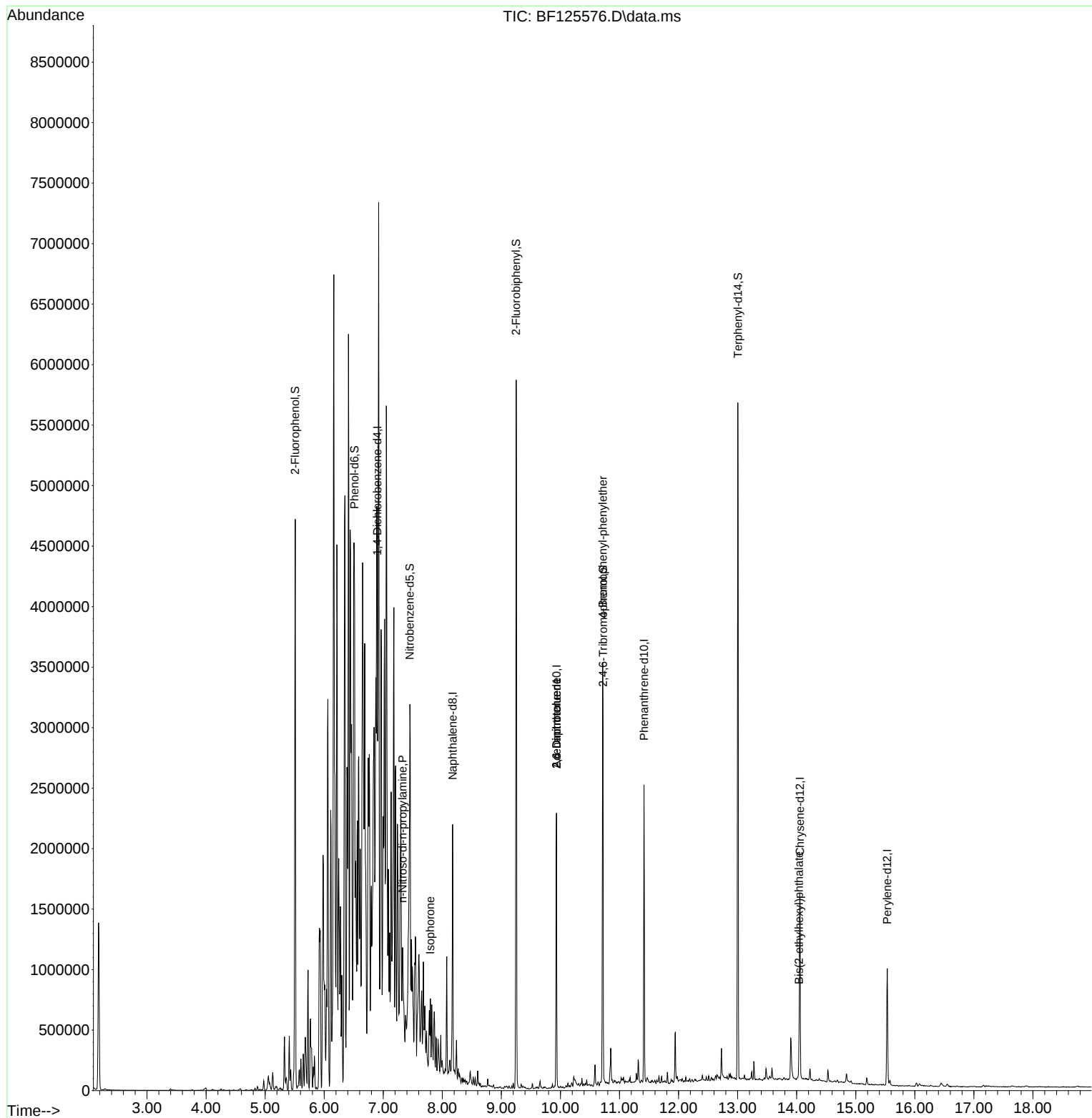
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	183455	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	880503	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	476922	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	831249	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	534858	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	421381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1253320	108.035	ng	0.00
7) Phenol-d6	6.510	99	1520016	101.621	ng	-0.01
23) Nitrobenzene-d5	7.451	82	976304	70.722	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	469630	100.535	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1937262	71.780	ng	-0.01
79) Terphenyl-d14	13.004	244	1961617	59.224	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.445	77	26024	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.328	70	43883	4.902 ng	#	41
25) Isophorone	7.798	82	72045	2.425 ng	#	65
51) 2,6-Dinitrotoluene	9.933	165	60118	9.206 ng	#	27
57) 2,4-Dinitrotoluene	9.933	165	60118	7.682 ng	#	19
67) 4-Bromophenyl-phenylether	10.716	248	26444	2.784 ng	#	1
84) Bis(2-ethylhexyl)phtha...	14.039	149	88142	3.560 ng		99

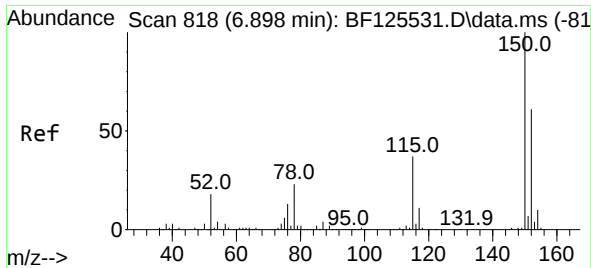
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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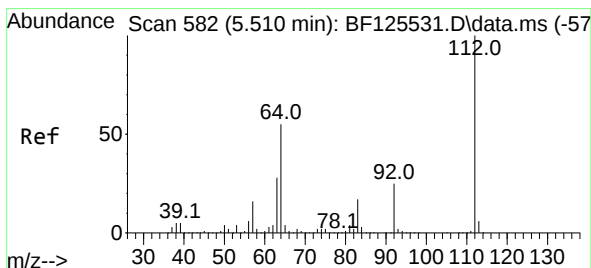
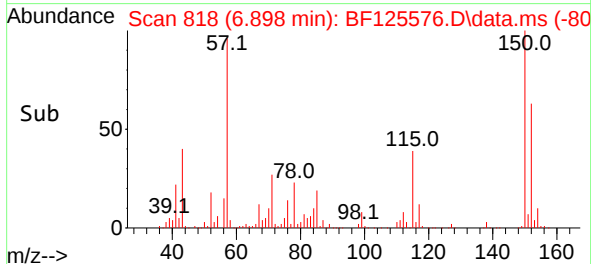
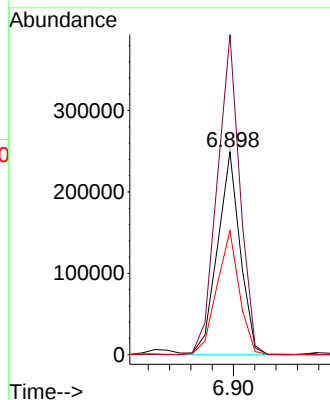
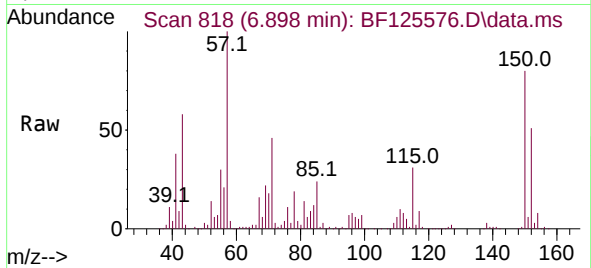




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125576.D
Acq: 23 Sep 2021 00:27

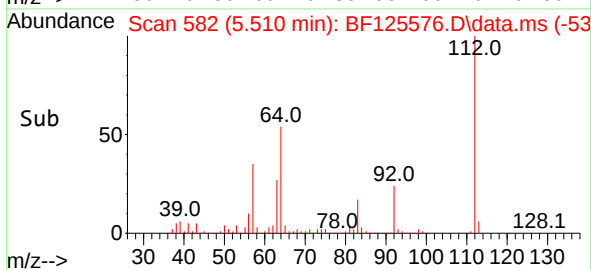
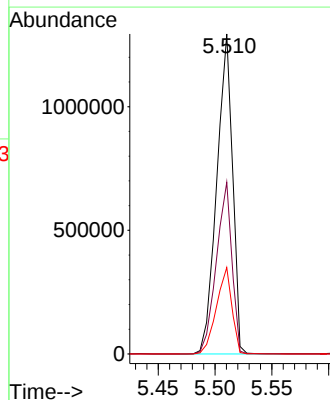
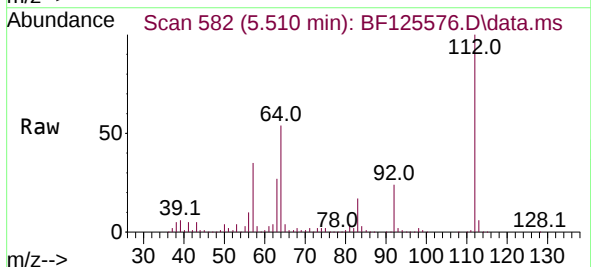
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

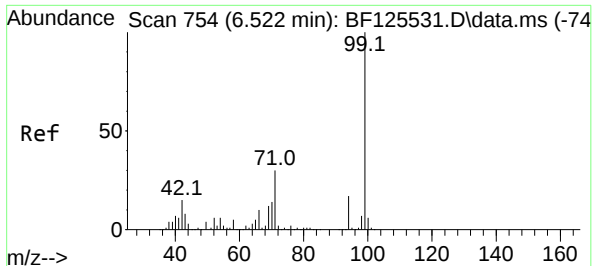
Tgt Ion:152 Resp: 183455
Ion Ratio Lower Upper
152 100
150 157.8 117.6 176.4
115 61.1 47.1 70.7



#5
2-Fluorophenol
Concen: 108.035 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF125576.D
Acq: 23 Sep 2021 00:27

Tgt Ion:112 Resp: 1253320
Ion Ratio Lower Upper
112 100
64 53.6 44.2 66.2
63 27.0 26.2 39.2

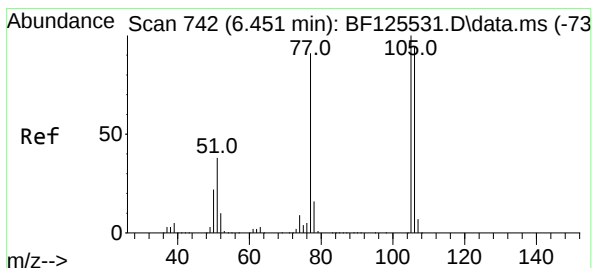
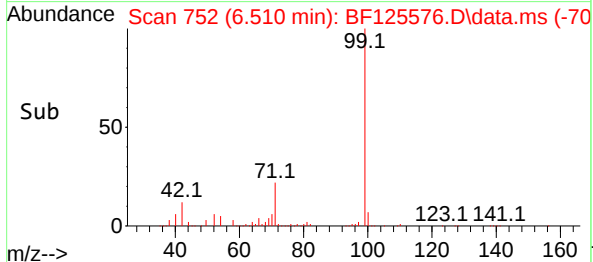
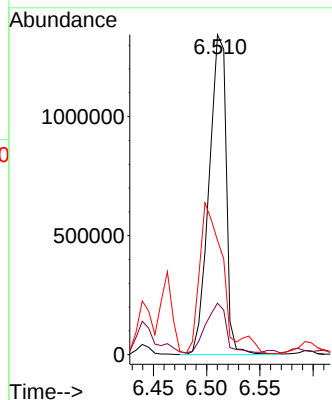
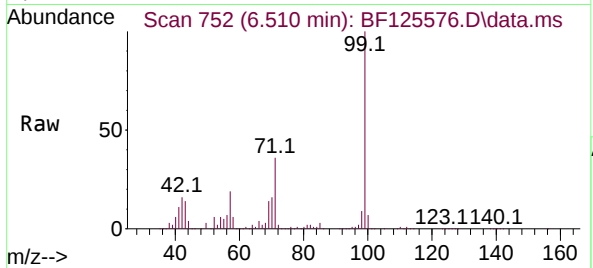




#7
Phenol-d6
Concen: 101.621 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125576.D
Acq: 23 Sep 2021 00:27

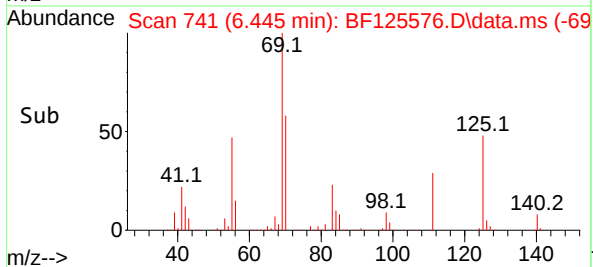
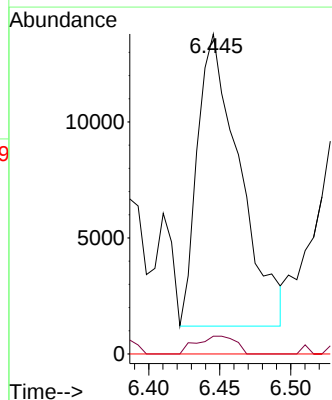
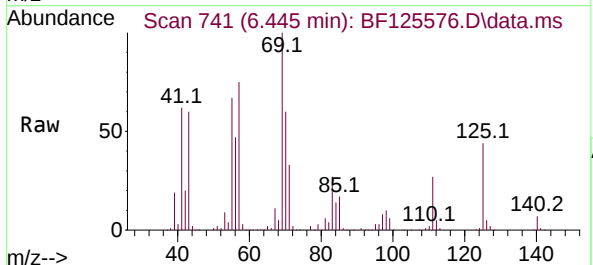
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

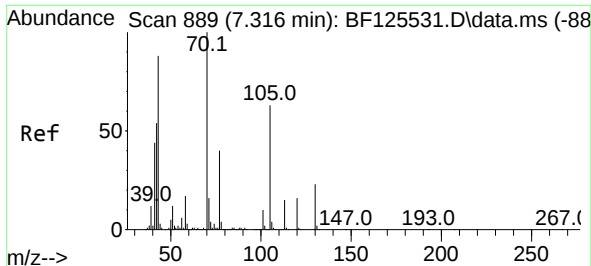
Tgt Ion: 99 Resp: 1520016
Ion Ratio Lower Upper
99 100
42 16.1 23.5 35.3#
71 35.7 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF125576.D
Acq: 23 Sep 2021 00:27

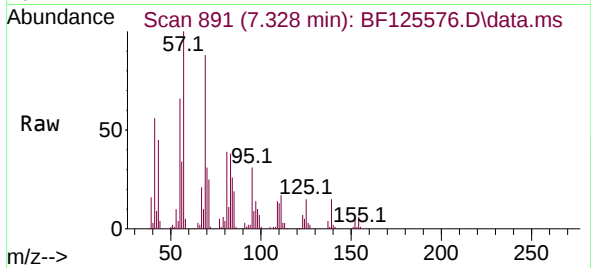
Tgt Ion: 77 Resp: 26024
Ion Ratio Lower Upper
77 100
105 5.6 75.9 115.9#
106 0.0 84.0 124.0#



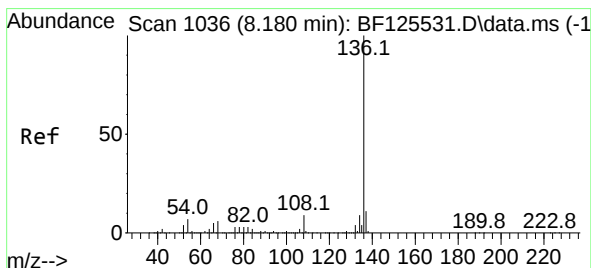
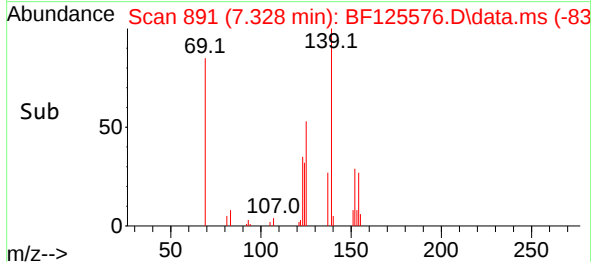
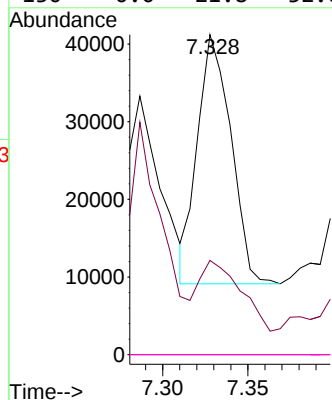


#19
n-Nitroso-di-n-propylamine
Concen: 4.902 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.012 min
Lab File: BF125576.D
Acq: 23 Sep 2021 00:27

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

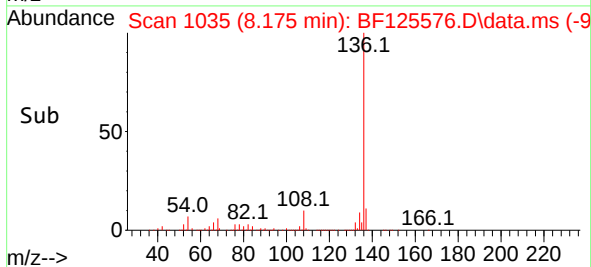
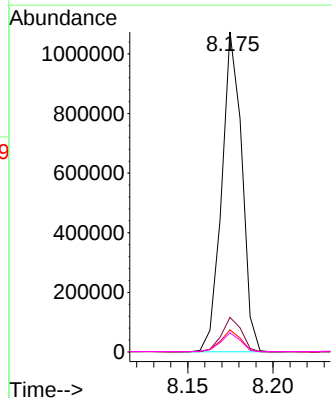
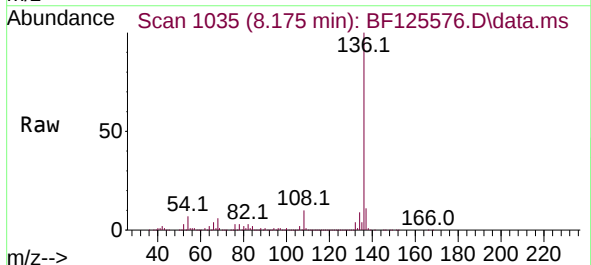


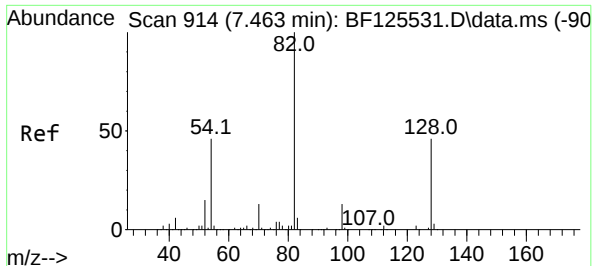
Tgt Ion: 70 Resp: 43883
Ion Ratio Lower Upper
70 100
42 29.5 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125576.D
Acq: 23 Sep 2021 00:27

Tgt Ion: 136 Resp: 880503
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 6.9 6.4 9.6
68 6.0 3.3 4.9#

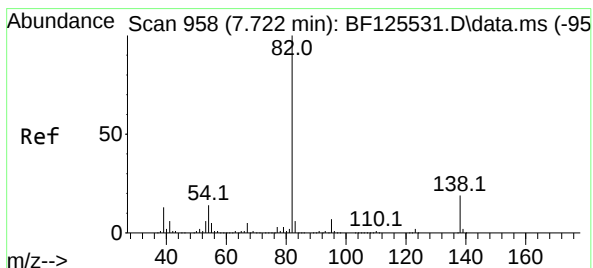
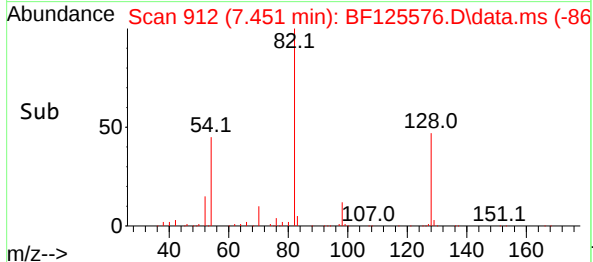
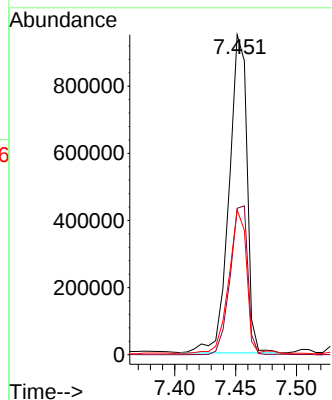
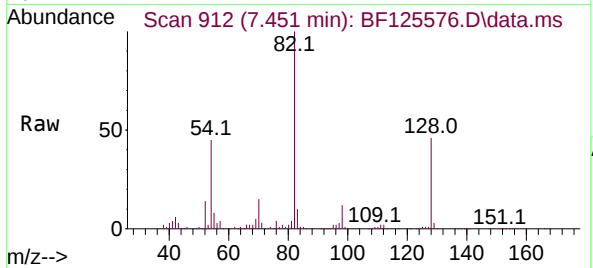




#23
Nitrobenzene-d5
Concen: 70.722 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF125576.D
Acq: 23 Sep 2021 00:27

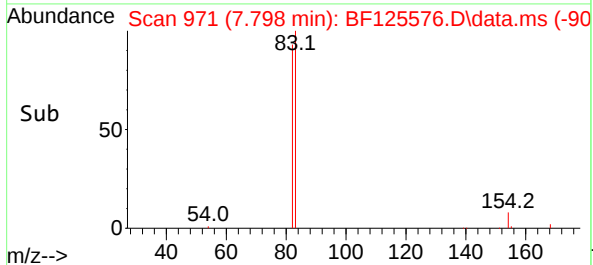
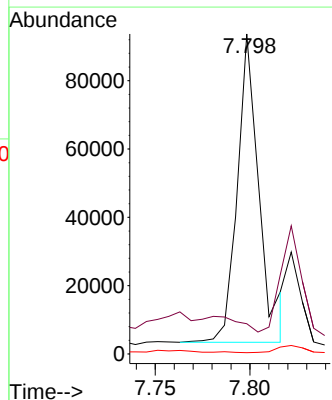
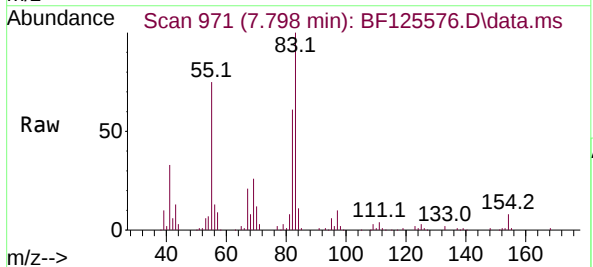
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

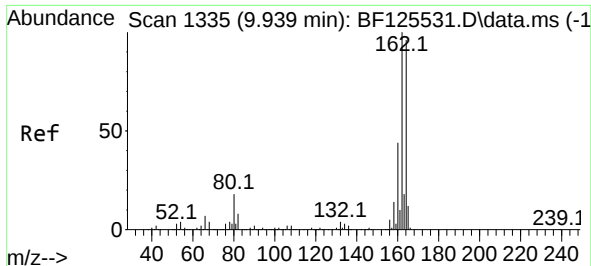
Tgt Ion: 82 Resp: 976304
Ion Ratio Lower Upper
82 100
128 45.8 40.6 60.8
54 45.2 49.6 74.4#



#25
Isophorone
Concen: 2.425 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.077 min
Lab File: BF125576.D
Acq: 23 Sep 2021 00:27

Tgt Ion: 82 Resp: 72045
Ion Ratio Lower Upper
82 100
95 9.4 6.5 9.7
138 0.4 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: BF125576.D

Acq: 23 Sep 2021 00:27

Instrument :

BNA_F

ClientSampleId :

SUB-SLAB-01-(5-8)

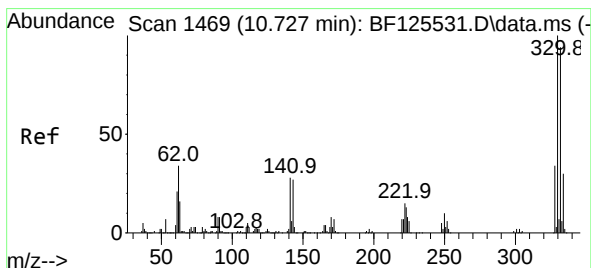
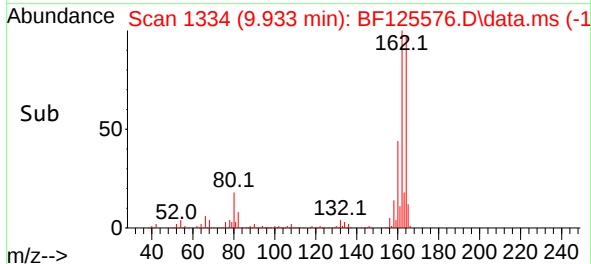
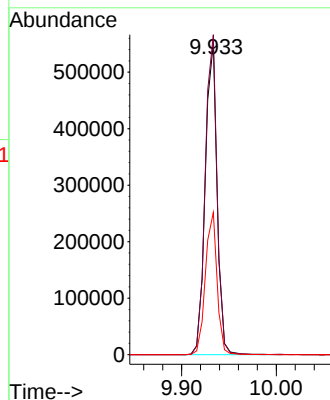
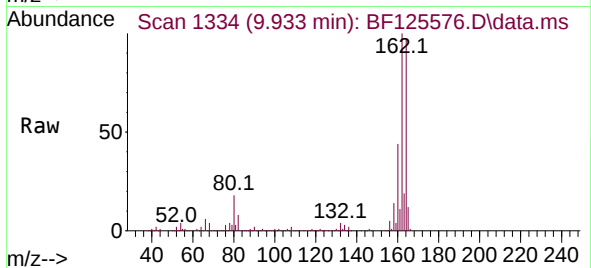
Tgt Ion:164 Resp: 476922

Ion Ratio Lower Upper

164 100

162 102.8 81.3 121.9

160 45.7 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 100.535 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.006 min

Lab File: BF125576.D

Acq: 23 Sep 2021 00:27

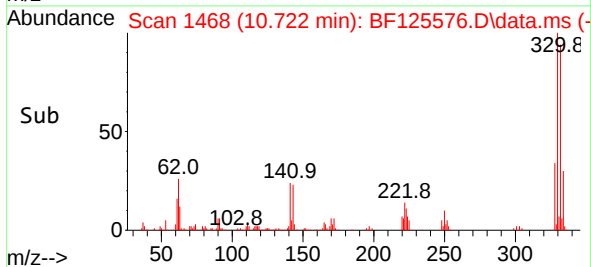
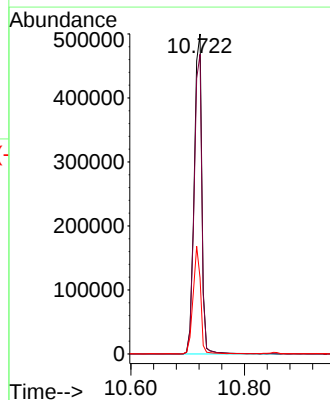
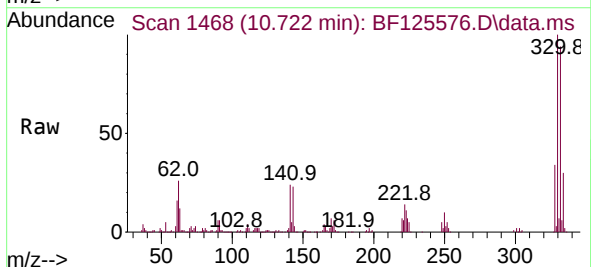
Tgt Ion:330 Resp: 469630

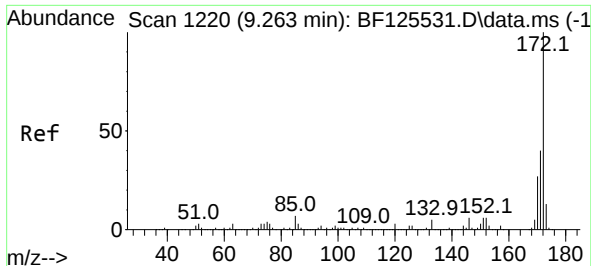
Ion Ratio Lower Upper

330 100

332 94.1 76.2 114.4

141 32.9 44.6 66.8#

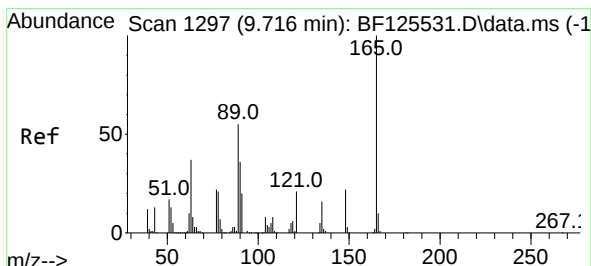
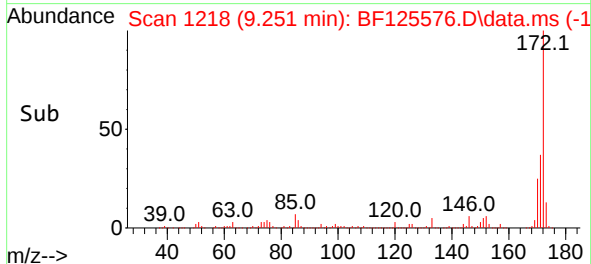
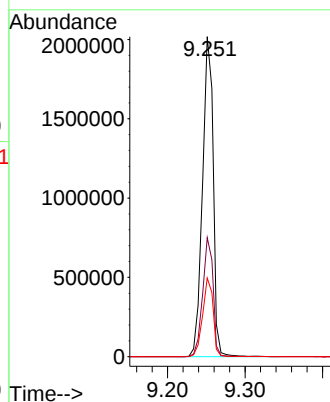
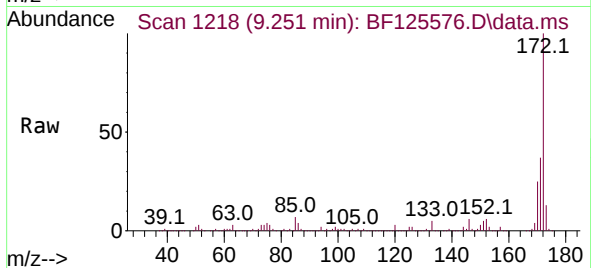




#45
2-Fluorobiphenyl
Concen: 71.780 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125576.D
Acq: 23 Sep 2021 00:27

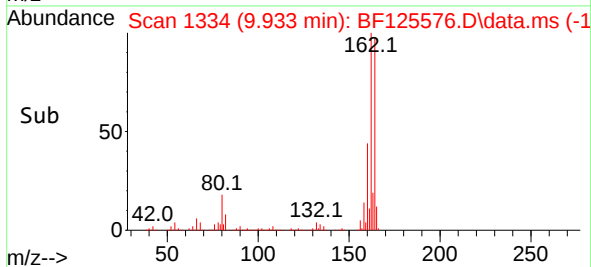
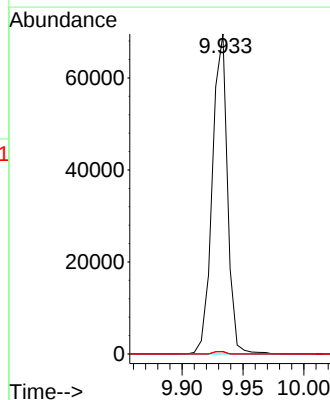
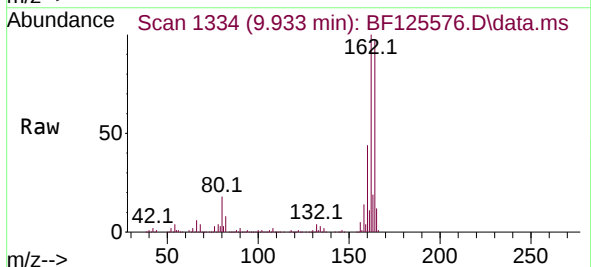
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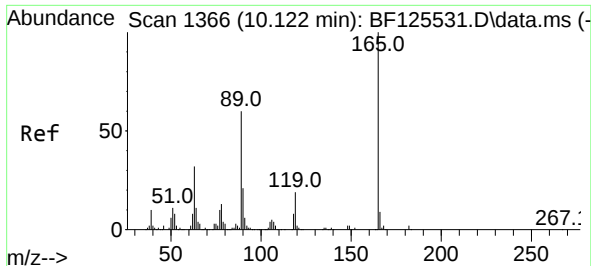
Tgt Ion:172 Resp: 1937262
Ion Ratio Lower Upper
172 100
171 37.2 26.5 39.7
170 24.6 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.206 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125576.D
Acq: 23 Sep 2021 00:27

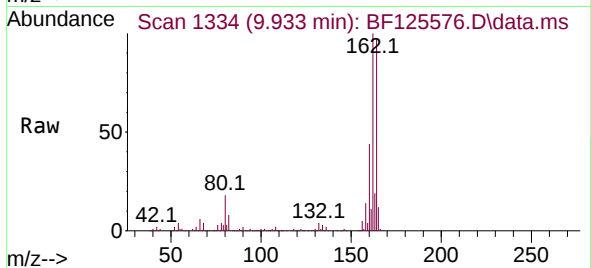
Tgt Ion:165 Resp: 60118
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.7 40.6 60.8#



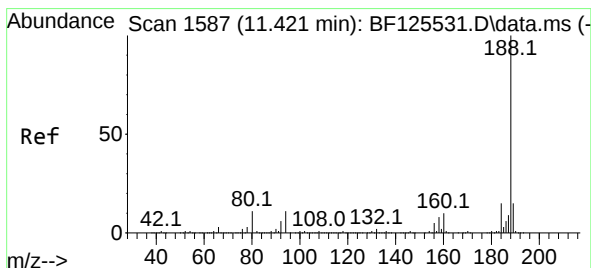
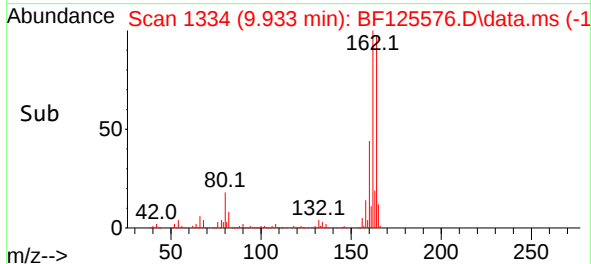
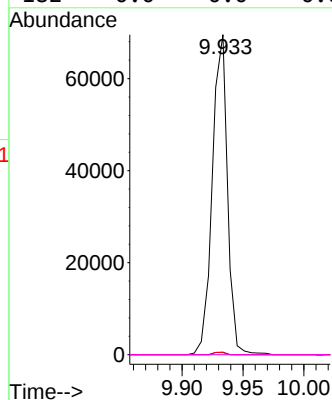


#57
2,4-Dinitrotoluene
Concen: 7.682 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125576.D
Acq: 23 Sep 2021 00:27

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

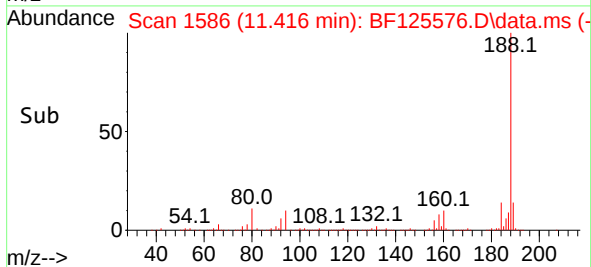
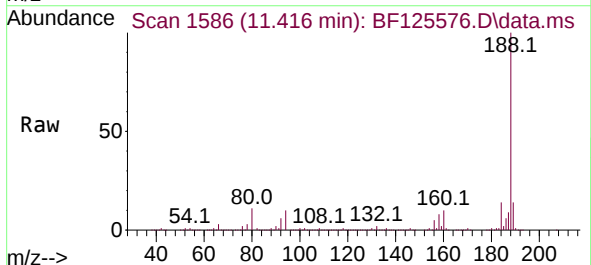
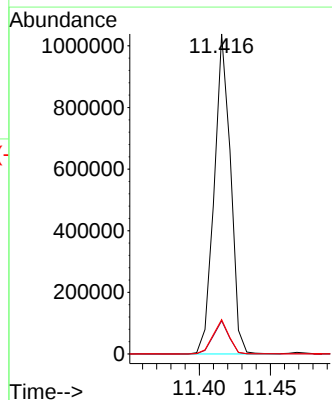


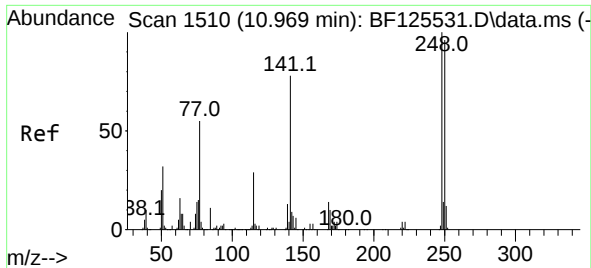
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.9	61.3#
89	0.7	59.7	89.5#
182	0.0	0.0	0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125576.D
Acq: 23 Sep 2021 00:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	6.7	10.1#
80	10.8	7.5	11.3

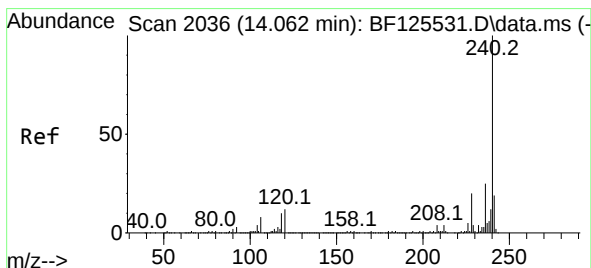
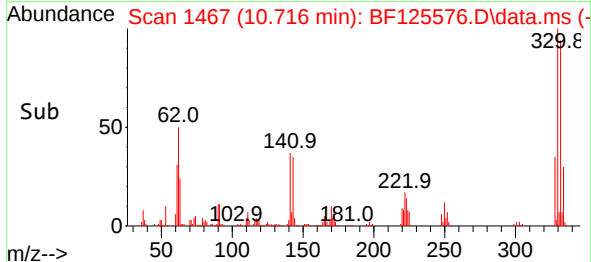
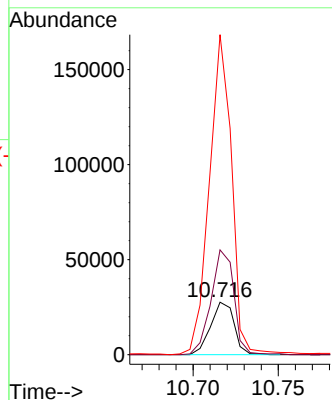
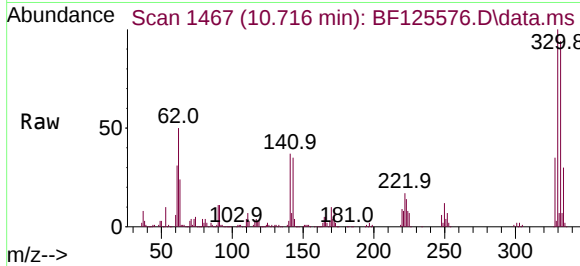




#67
4-Bromophenyl-phenylether
Concen: 2.784 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF125576.D
Acq: 23 Sep 2021 00:27

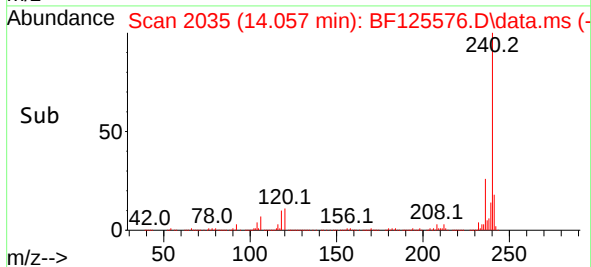
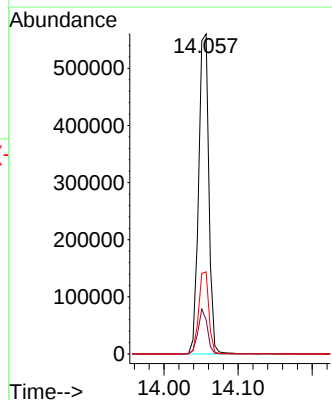
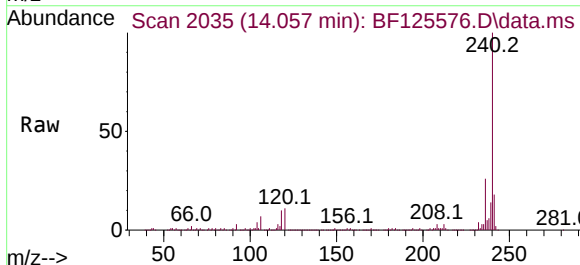
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

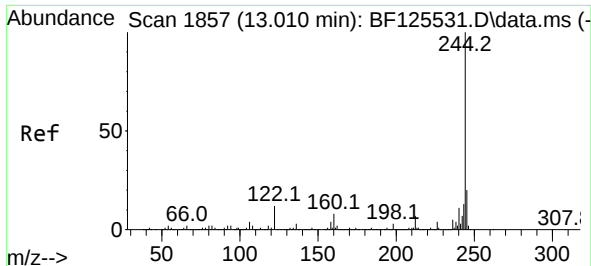
Tgt Ion:248 Resp: 26444
Ion Ratio Lower Upper
248 100
250 199.4 74.2 111.4#
141 609.0 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125576.D
Acq: 23 Sep 2021 00:27

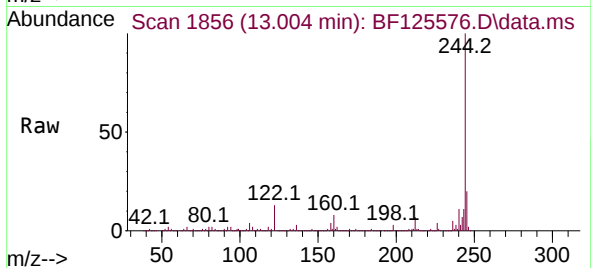
Tgt Ion:240 Resp: 534858
Ion Ratio Lower Upper
240 100
120 10.7 10.8 16.2#
236 25.6 21.6 32.4





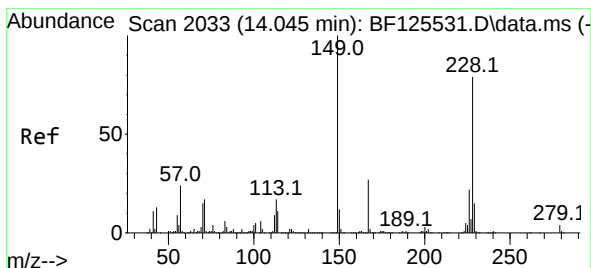
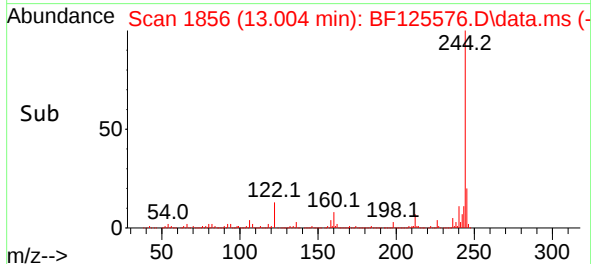
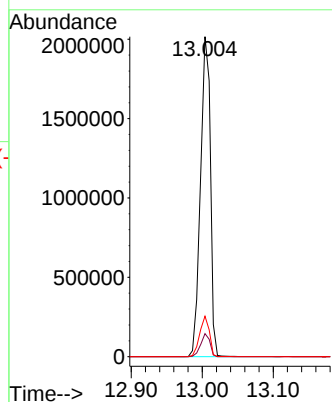
#79
 Terphenyl-d14
 Concen: 59.224 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. -0.006 min
 Lab File: BF125576.D
 Acq: 23 Sep 2021 00:27

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-01-(5-8)



Tgt Ion:244 Resp: 1961617

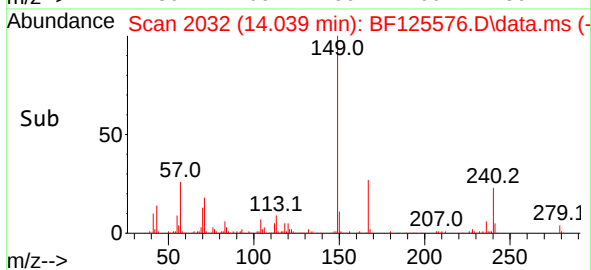
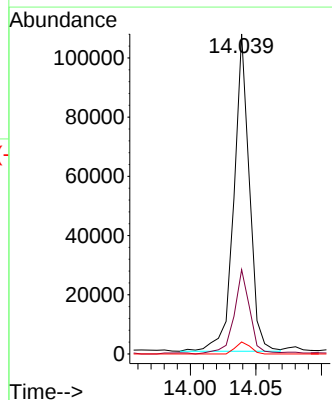
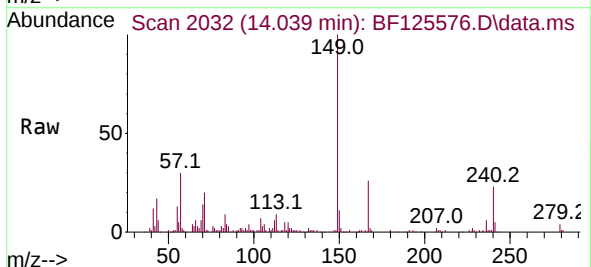
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	12.7	9.0	13.4

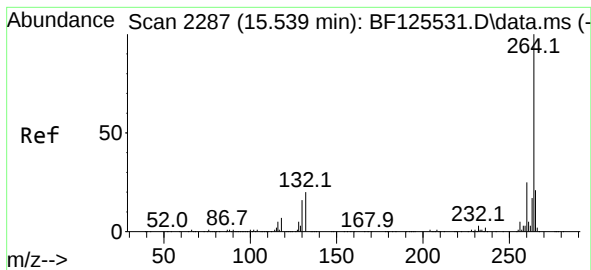


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.560 ng
 RT: 14.039 min Scan# 2032
 Delta R.T. -0.006 min
 Lab File: BF125576.D
 Acq: 23 Sep 2021 00:27

Tgt Ion:149 Resp: 88142

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.4	32.0
279	3.8	2.6	4.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. -0.006 min
 Lab File: BF125576.D
 Acq: 23 Sep 2021 00:27

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-01-(5-8)

Tgt Ion:264 Resp: 421381
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 20.3 17.2 25.8

