

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
 Data File : BF125610.D
 Acq On : 24 Sep 2021 1:01
 Operator : JU/CG
 Sample : M3822-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CURB-SIDE

Quant Time: Sep 24 04:20:42 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)

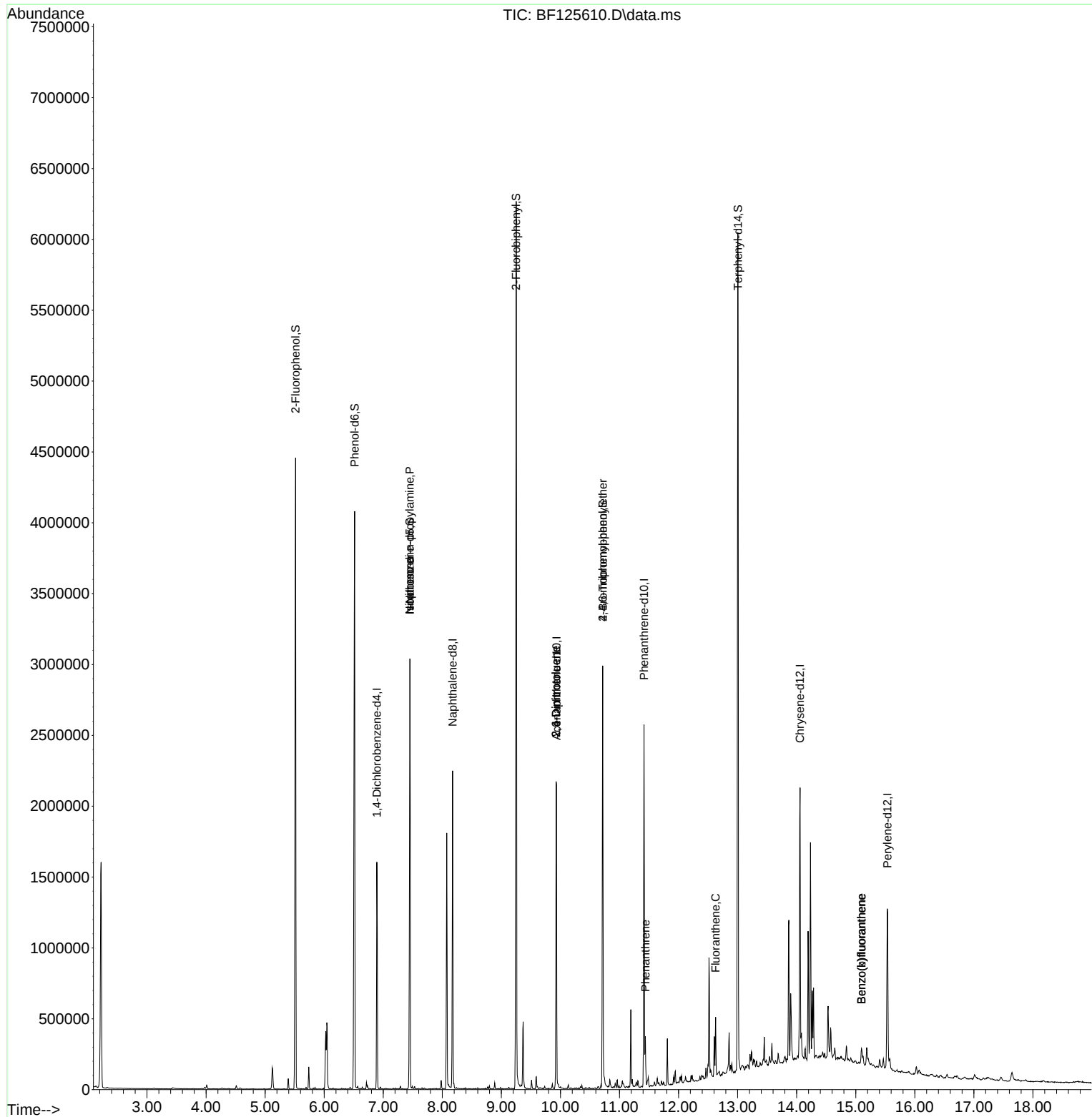
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	230764	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	942512	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	508766	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	876798	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	637268	20.000	ng	0.00
86) Perylene-d12	15.539	264	542862	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1357668	93.037	ng	0.00
7) Phenol-d6	6.516	99	1685985	89.609	ng	0.00
23) Nitrobenzene-d5	7.451	82	1036356	70.133	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	377503	75.755	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	2115585	73.790	ng	-0.01
79) Terphenyl-d14	13.004	244	2207073	55.927	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.439	77	1626	Below Cal		91
19) n-Nitroso-di-n-propyla...	7.451	70	130954	11.629 ng	#	51
25) Isophorone	7.451	82	1031395	32.434 ng	#	59
51) 2,6-Dinitrotoluene	9.928	165	65372	9.384 ng	#	27
57) 2,4-Dinitrotoluene	9.928	165	65764	7.877 ng	#	19
67) 4-Bromophenyl-phenylether	10.716	248	20422	2.038 ng	#	1
71) Phenanthrene	11.439	178	112373	2.282 ng		98
75) Fluoranthene	12.627	202	150677	3.118 ng		99
88) Benzo(b)fluoranthene	15.098	252	84244	2.122 ng	#	94
89) Benzo(k)fluoranthene	15.098	252	84244	2.320 ng	#	93

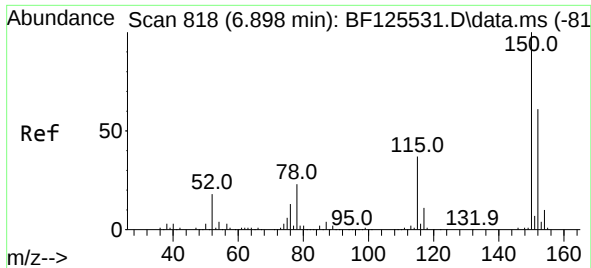
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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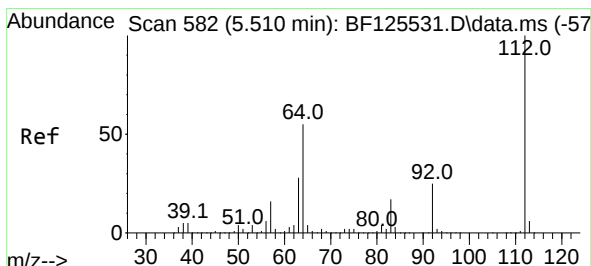
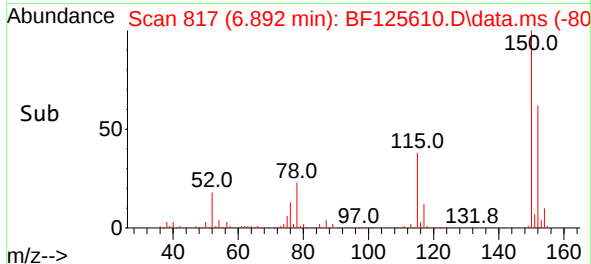
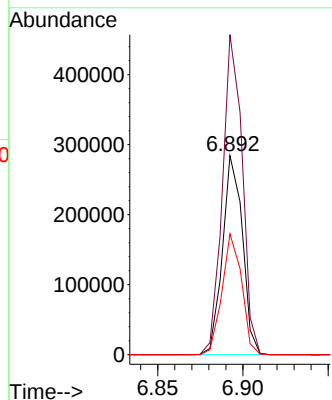
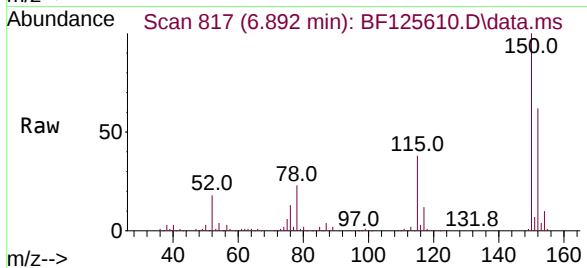




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

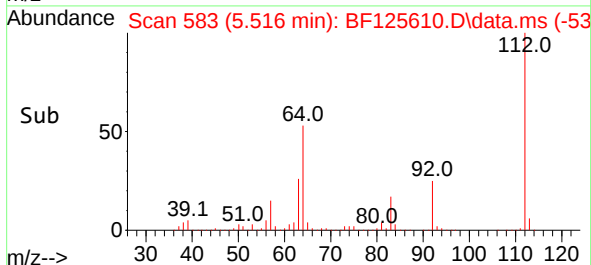
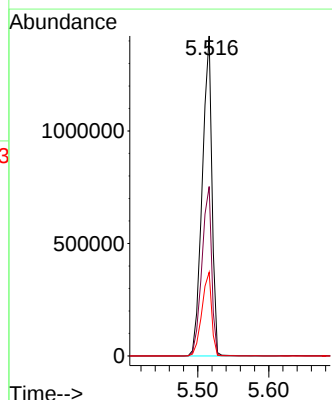
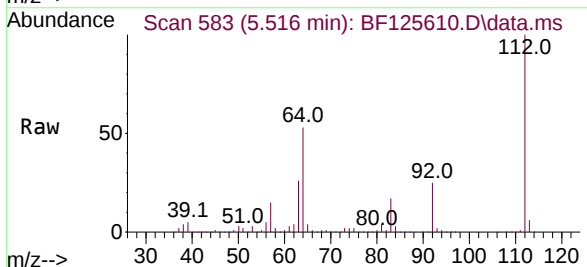
Instrument :
BNA_F
ClientSampleId :
CURB-SIDE

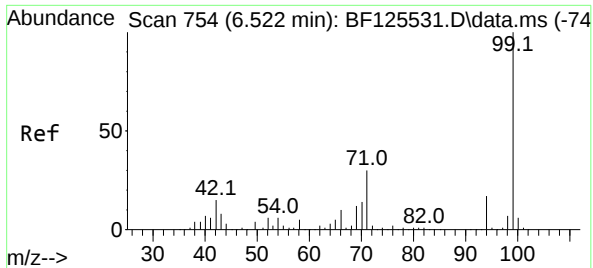
Tgt Ion:152 Resp: 230764
Ion Ratio Lower Upper
152 100
150 160.8 117.6 176.4
115 60.7 47.1 70.7



#5
2-Fluorophenol
Concen: 93.037 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

Tgt Ion:112 Resp: 1357668
Ion Ratio Lower Upper
112 100
64 53.0 44.2 66.2
63 26.2 26.2 39.2

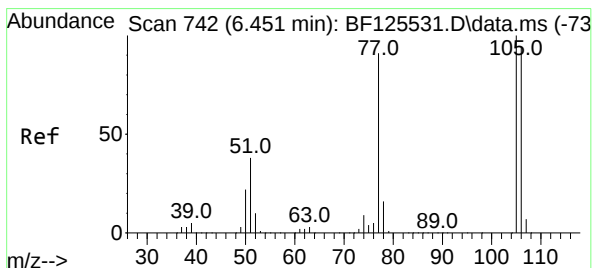
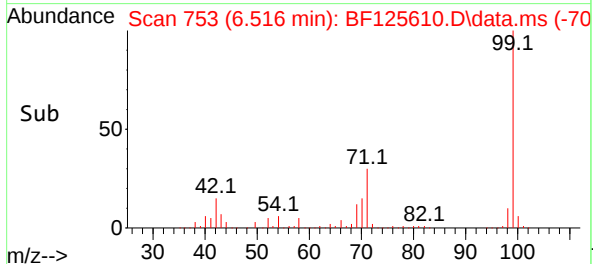
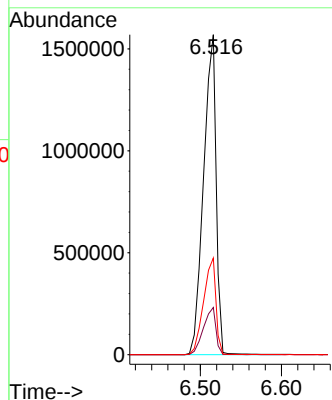
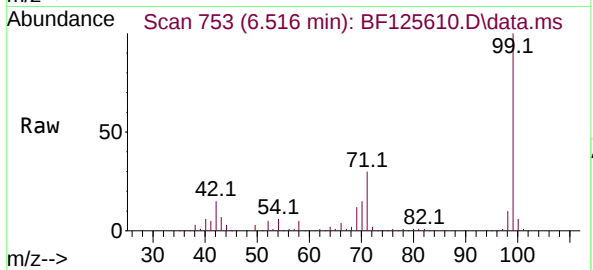




#7
Phenol-d6
Concen: 89.609 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

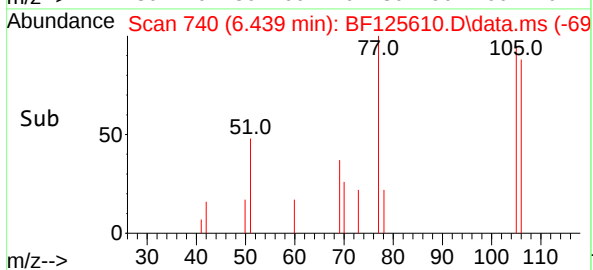
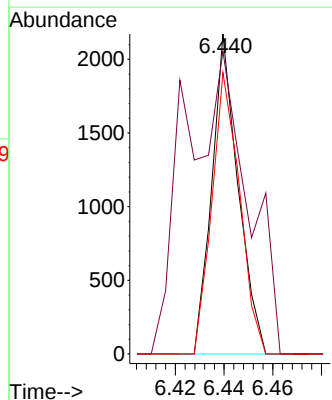
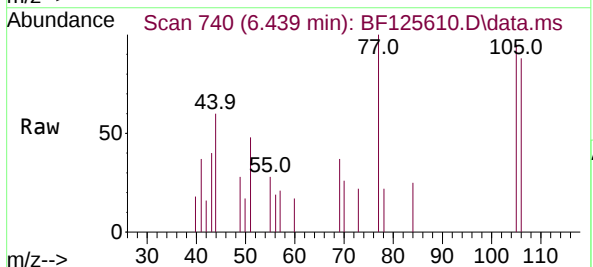
Instrument :
BNA_F
ClientSampleId :
CURB-SIDE

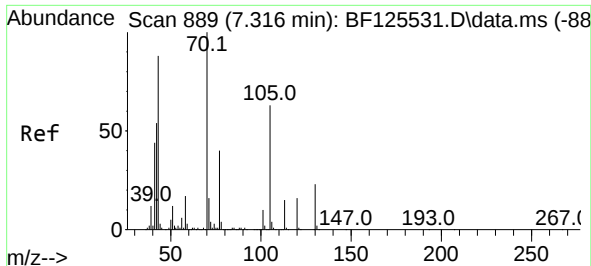
Tgt Ion: 99 Resp: 1685985
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 30.2 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.439 min Scan# 740
Delta R.T. -0.011 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

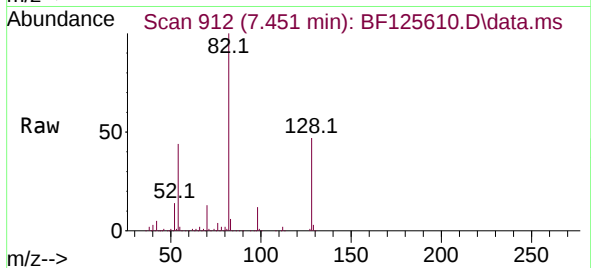
Tgt Ion: 77 Resp: 1626
Ion Ratio Lower Upper
77 100
105 94.6 75.9 115.9
106 87.9 84.0 124.0



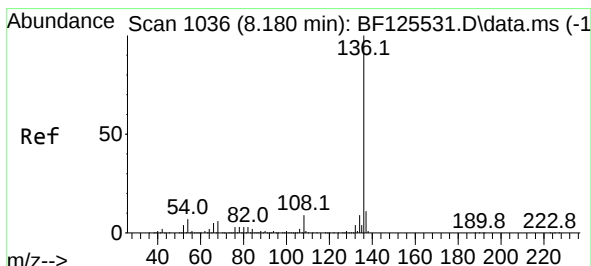
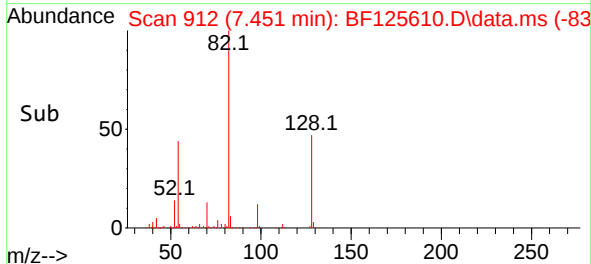
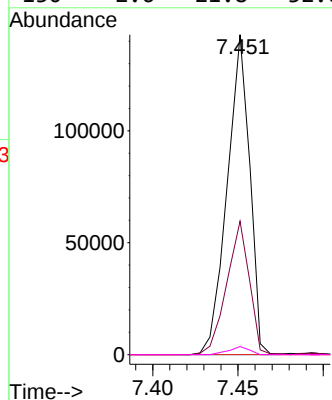


#19
n-Nitroso-di-n-propylamine
Concen: 11.629 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

Instrument :
BNA_F
ClientSampleId :
CURB-SIDE

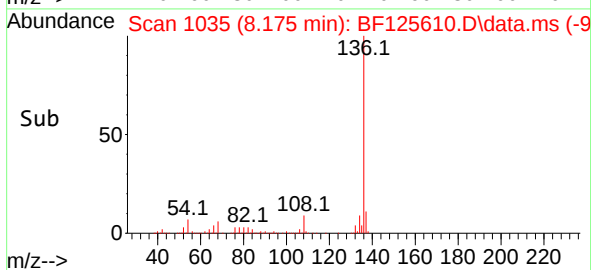
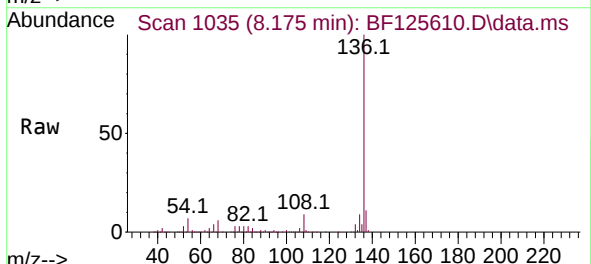
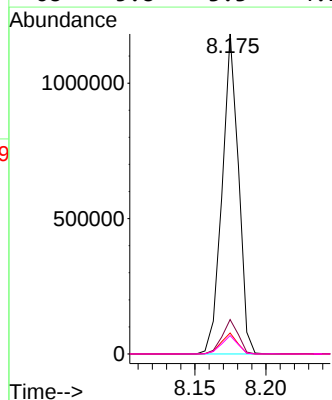


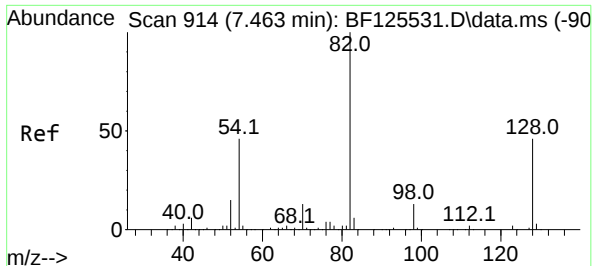
Tgt Ion: 70 Resp: 130954
Ion Ratio Lower Upper
70 100
42 41.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

Tgt Ion: 136 Resp: 942512
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 6.6 6.4 9.6
68 5.8 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 70.133 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF125610.D

Acq: 24 Sep 2021 1:01

Tgt Ion: 82 Resp: 1036356

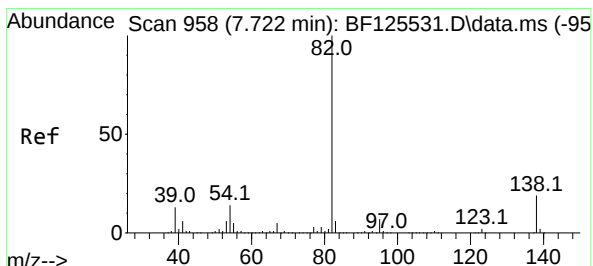
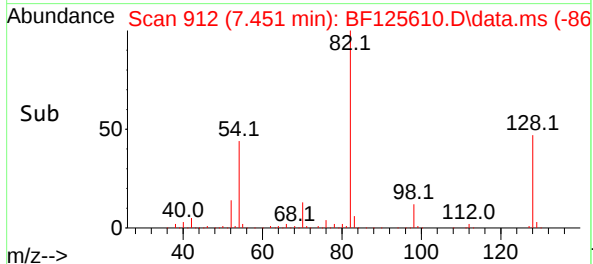
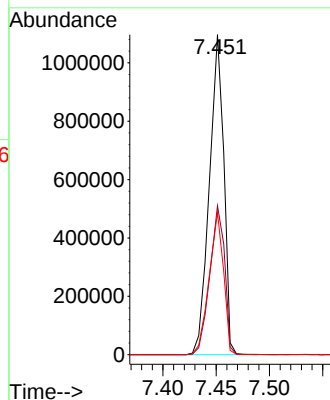
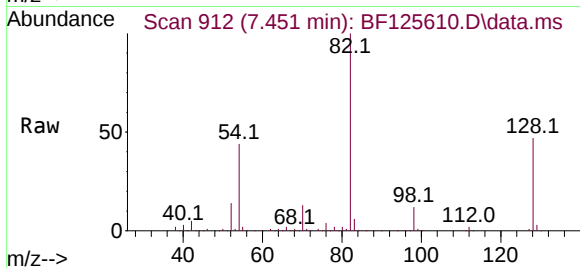
Ion	Ratio	Lower	Upper
82	100		
128	46.5	40.6	60.8
54	44.5	49.6	74.4#

Instrument :

BNA_F

ClientSampleId :

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#25

Isophorone

Concen: 32.434 ng

RT: 7.451 min Scan# 912

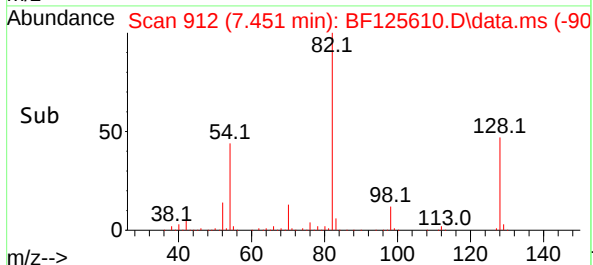
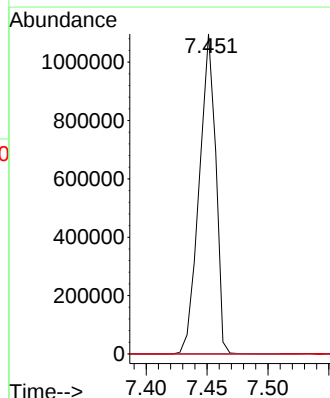
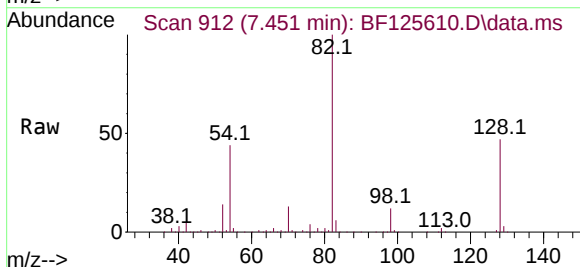
Delta R.T. -0.270 min

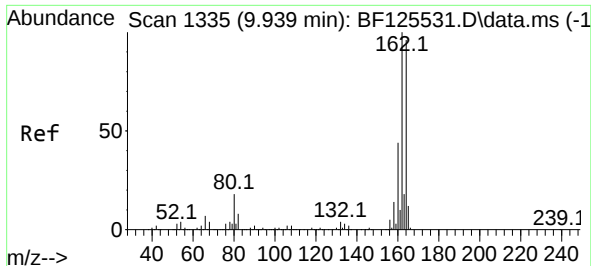
Lab File: BF125610.D

Acq: 24 Sep 2021 1:01

Tgt Ion: 82 Resp: 1031395

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

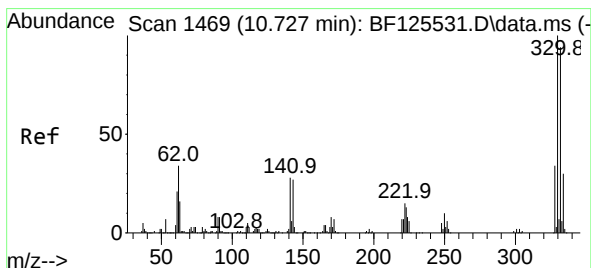
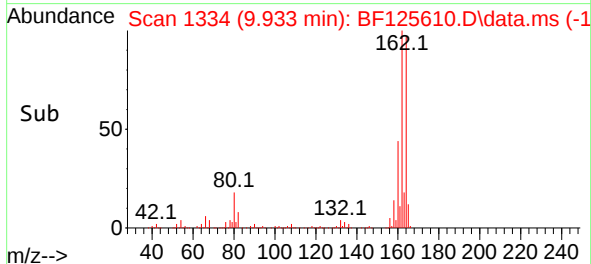
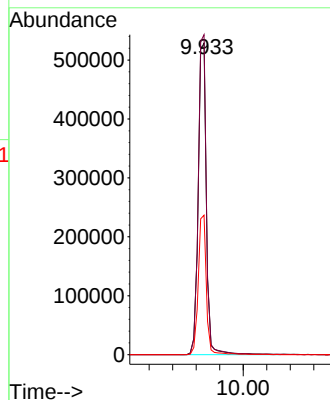
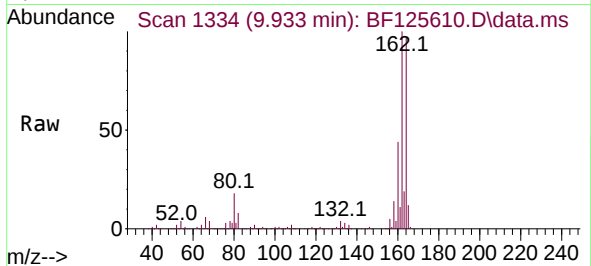




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

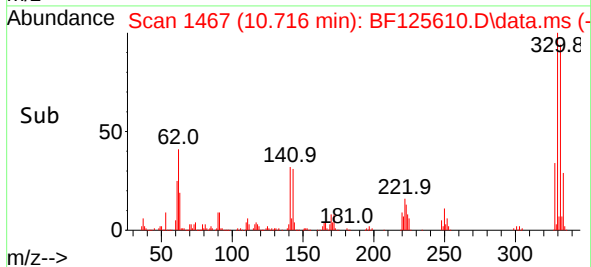
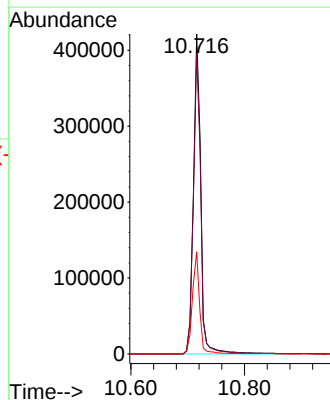
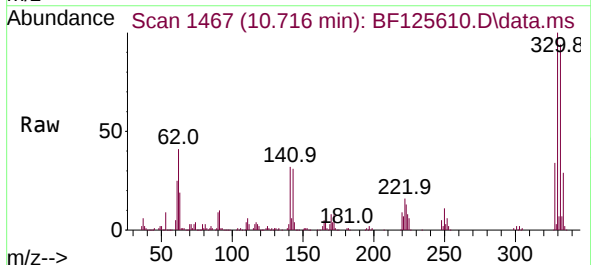
Instrument :
BNA_F
ClientSampleId :
CURB-SIDE

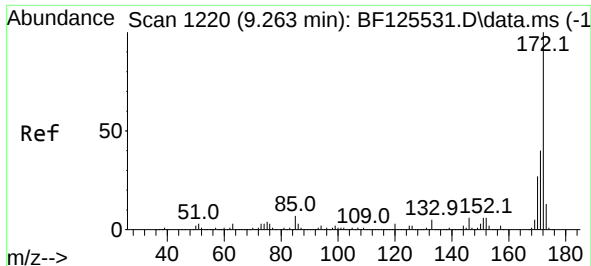
Tgt Ion:164 Resp: 508766
Ion Ratio Lower Upper
164 100
162 102.7 81.3 121.9
160 44.8 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 75.755 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

Tgt Ion:330 Resp: 377503
Ion Ratio Lower Upper
330 100
332 94.4 76.2 114.4
141 31.6 44.6 66.8#

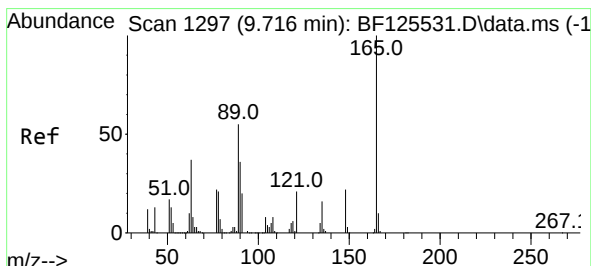
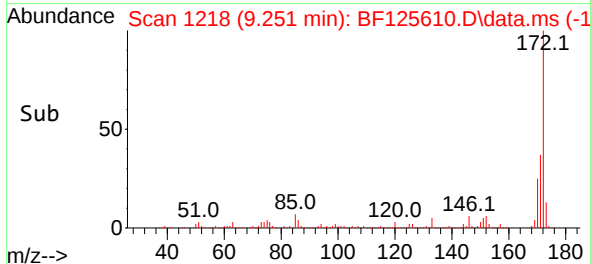
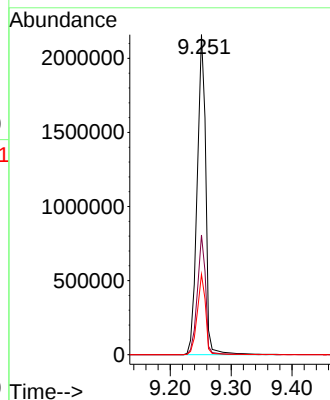
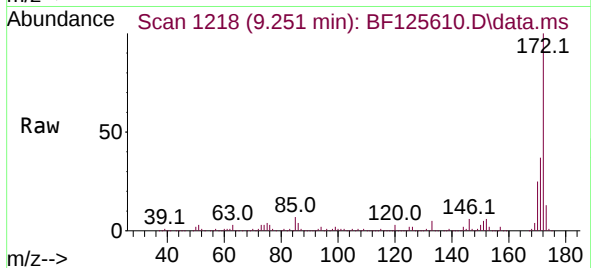




#45
2-Fluorobiphenyl
Concen: 73.790 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

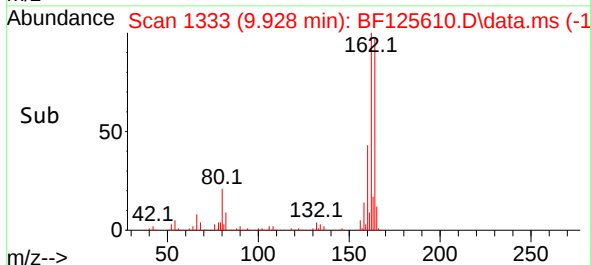
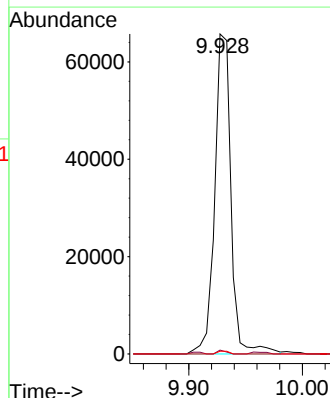
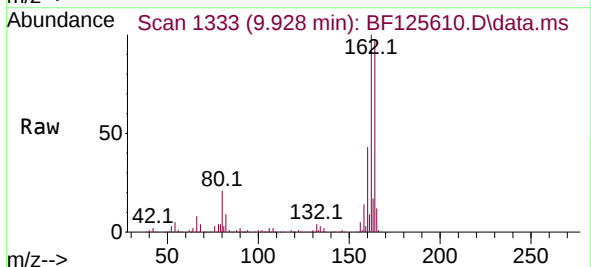
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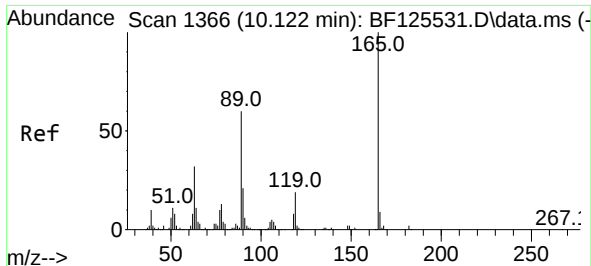
Tgt Ion:172 Resp: 2115585
Ion Ratio Lower Upper
172 100
171 37.4 26.5 39.7
170 25.1 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.384 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

Tgt Ion:165 Resp: 65372
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 0.9 40.6 60.8#

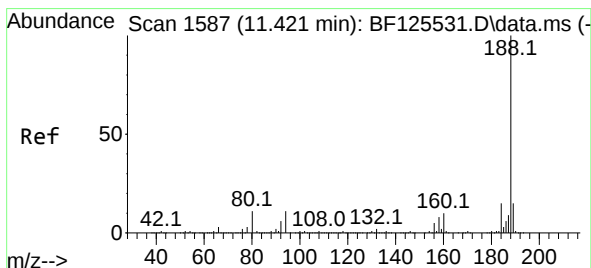
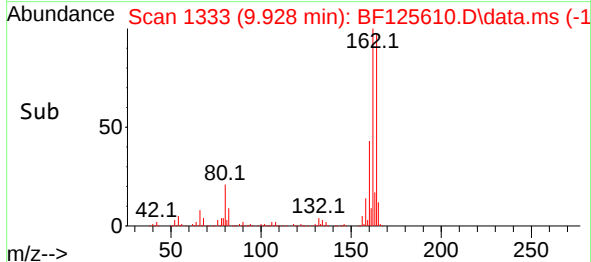
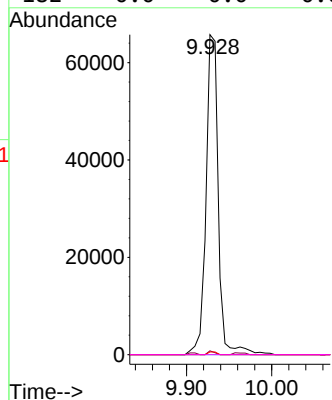
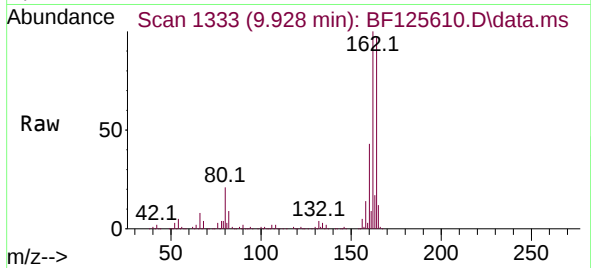




#57
2,4-Dinitrotoluene
Concen: 7.877 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

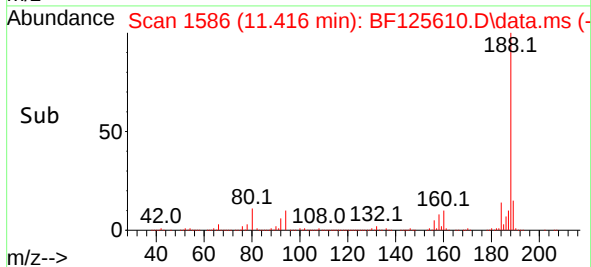
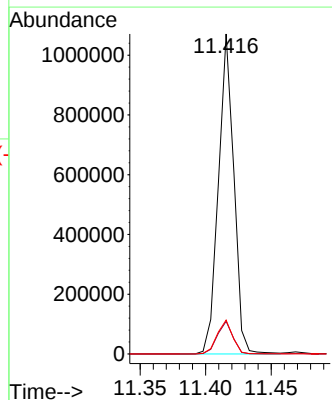
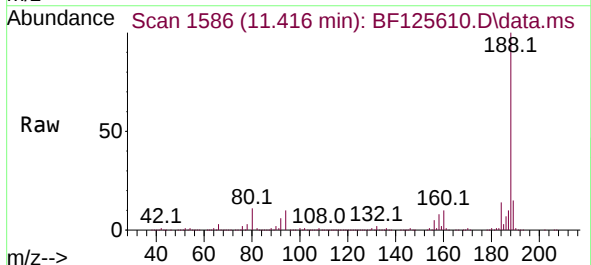
Instrument :
BNA_F
ClientSampleId :
CURB-SIDE

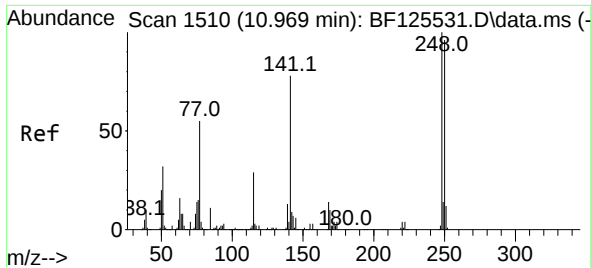
Tgt Ion:165	Resp:	65764
Ion Ratio	Lower	Upper
165	100	
63	1.2	40.9 61.3#
89	0.9	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

Tgt Ion:188	Resp:	876798
Ion Ratio	Lower	Upper
188	100	
94	10.2	6.7 10.1#
80	10.6	7.5 11.3

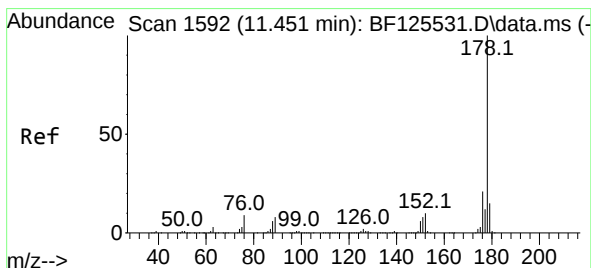
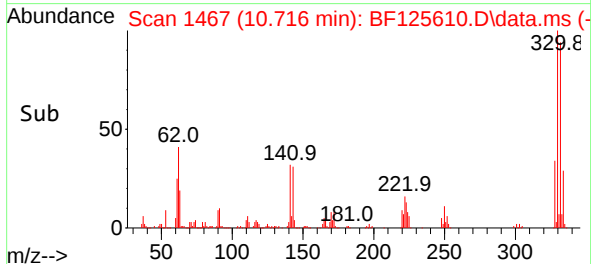
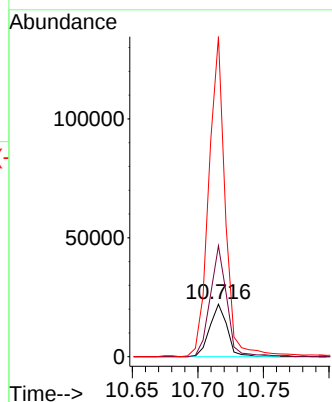
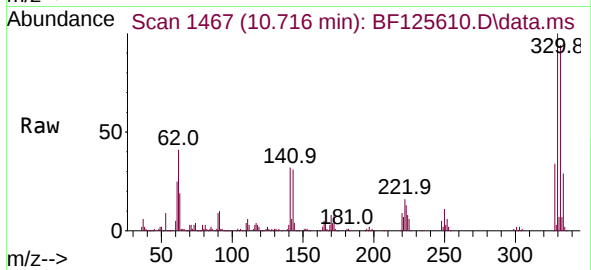




#67
4-Bromophenyl-phenylether
Concen: 2.038 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

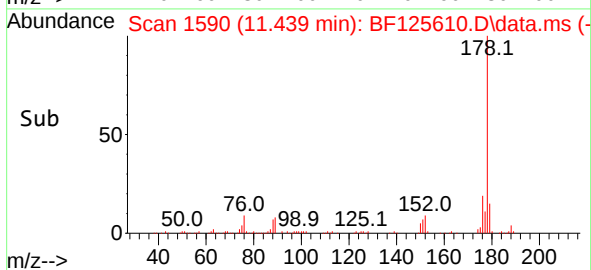
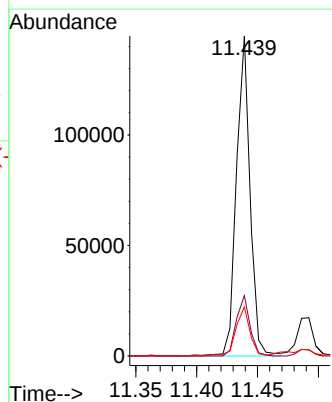
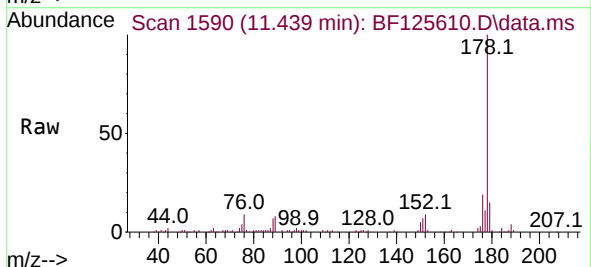
Instrument :
BNA_F
ClientSampleId :
CURB-SIDE

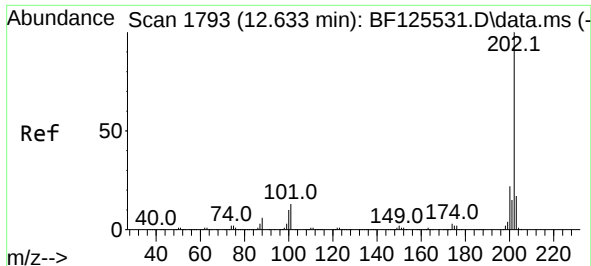
Tgt Ion:248 Resp: 20422
Ion Ratio Lower Upper
248 100
250 211.2 74.2 111.4#
141 609.3 60.4 90.6#



#71
Phenanthrene
Concen: 2.282 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.012 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

Tgt Ion:178 Resp: 112373
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.3 11.5 17.3

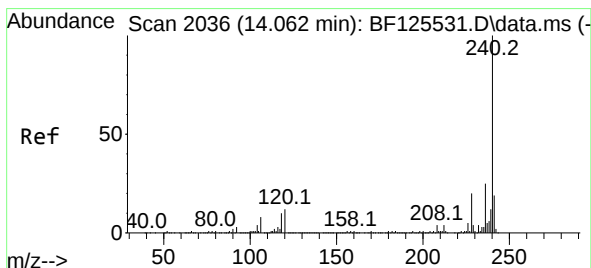
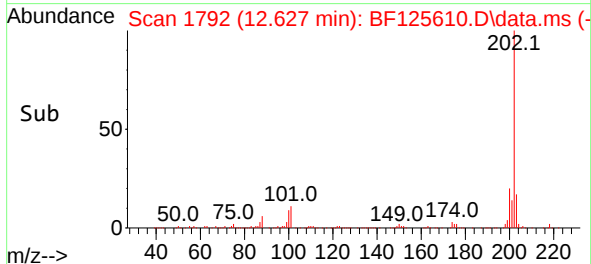
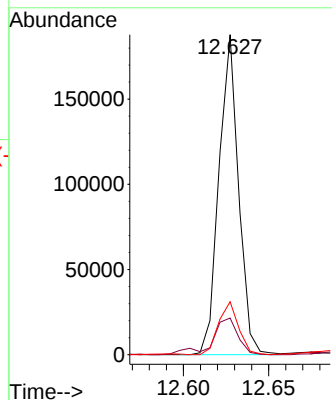
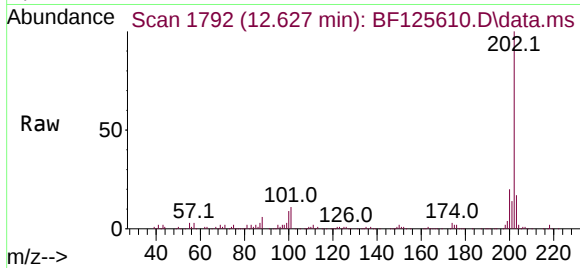




#75
Fluoranthene
Concen: 3.118 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

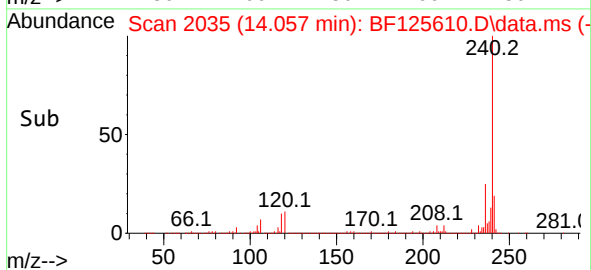
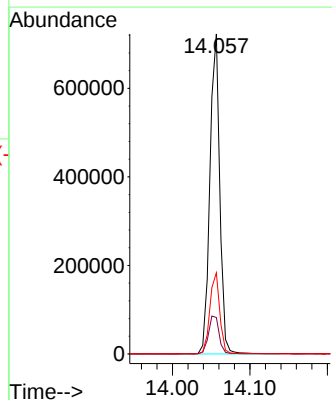
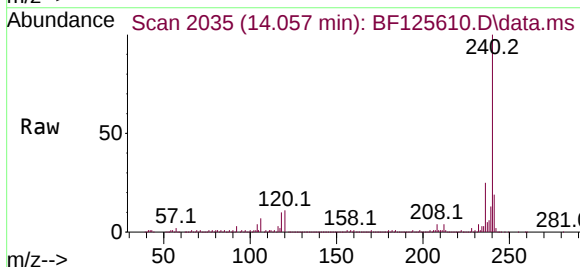
Instrument :
BNA_F
ClientSampleId :
CURB-SIDE

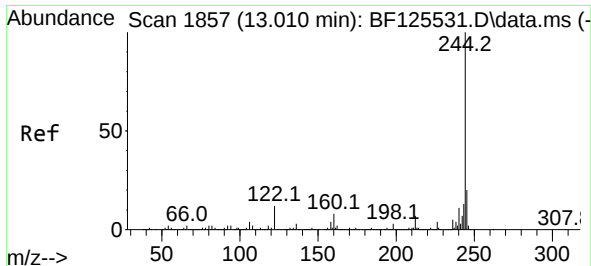
Tgt Ion:202 Resp: 150677
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.7
203 16.5 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

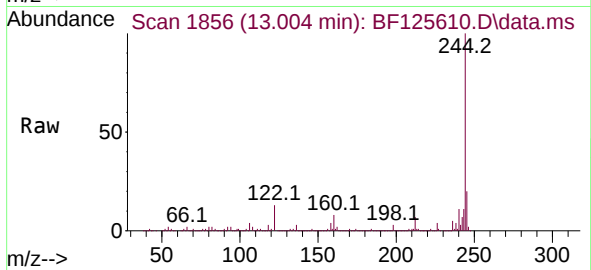
Tgt Ion:240 Resp: 637268
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 25.3 21.6 32.4



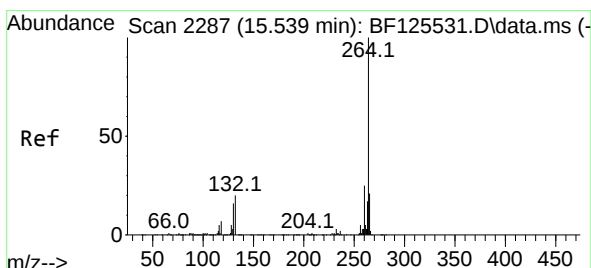
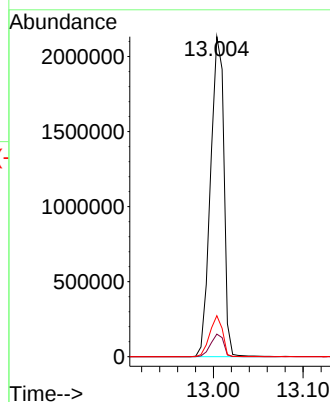
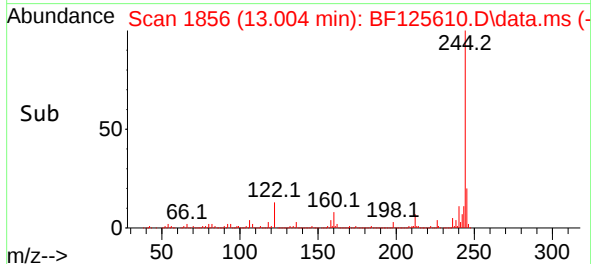


#79
Terphenyl-d14
Concen: 55.927 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

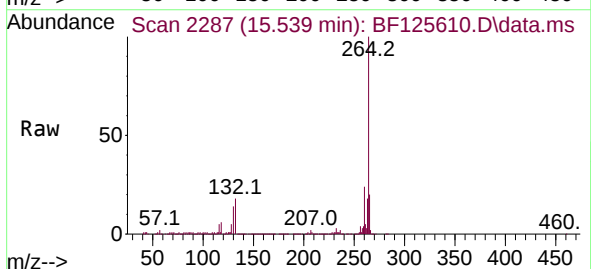
Instrument :
BNA_F
ClientSampleId :
CURB-SIDE



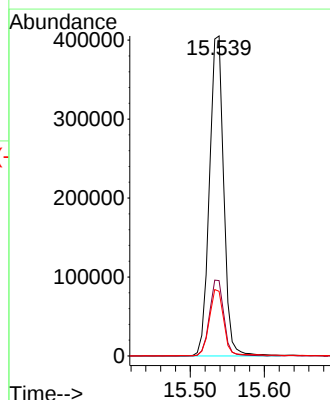
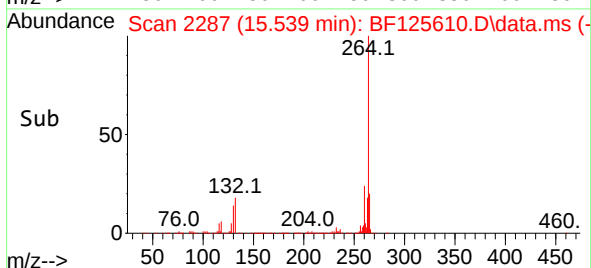
Tgt Ion:244 Resp: 2207073
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.8 9.0 13.4

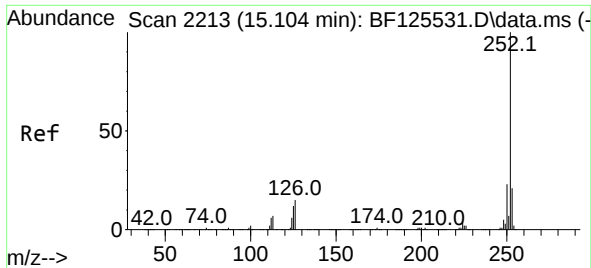


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01



Tgt Ion:264 Resp: 542862
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 20.2 17.2 25.8

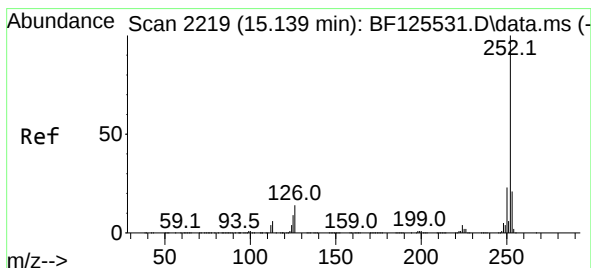
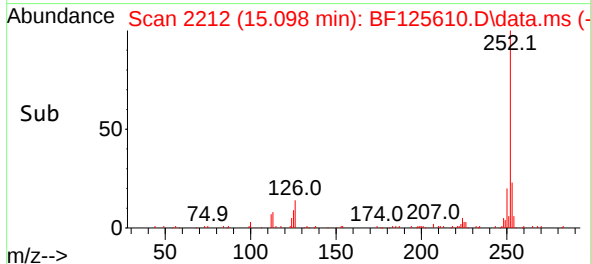
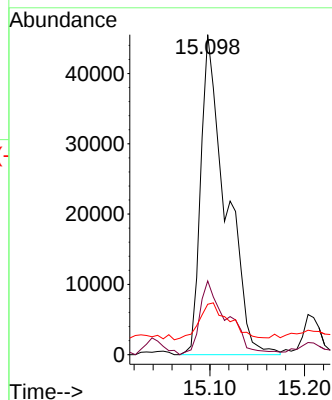
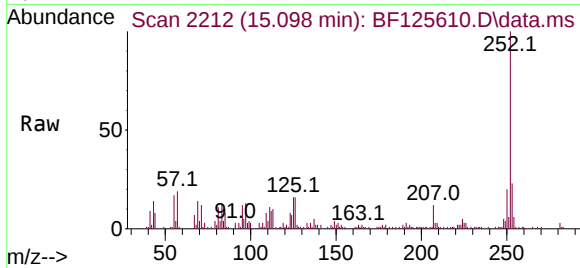




#88
Benzo(b)fluoranthene
Concen: 2.122 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

Instrument :
BNA_F
ClientSampleId :
CURB-SIDE

Tgt Ion:252 Resp: 84244
Ion Ratio Lower Upper
252 100
253 23.1 16.8 25.2
125 15.8 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 2.320 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.041 min
Lab File: BF125610.D
Acq: 24 Sep 2021 1:01

Tgt Ion:252 Resp: 84244
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 15.8 7.2 10.8#

