

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092121\
 Data File : BF125542.D
 Acq On : 21 Sep 2021 18:35
 Operator : JU/CG
 Sample : M3772-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-PRE-CLASS

Quant Time: Sep 22 04:02:17 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)

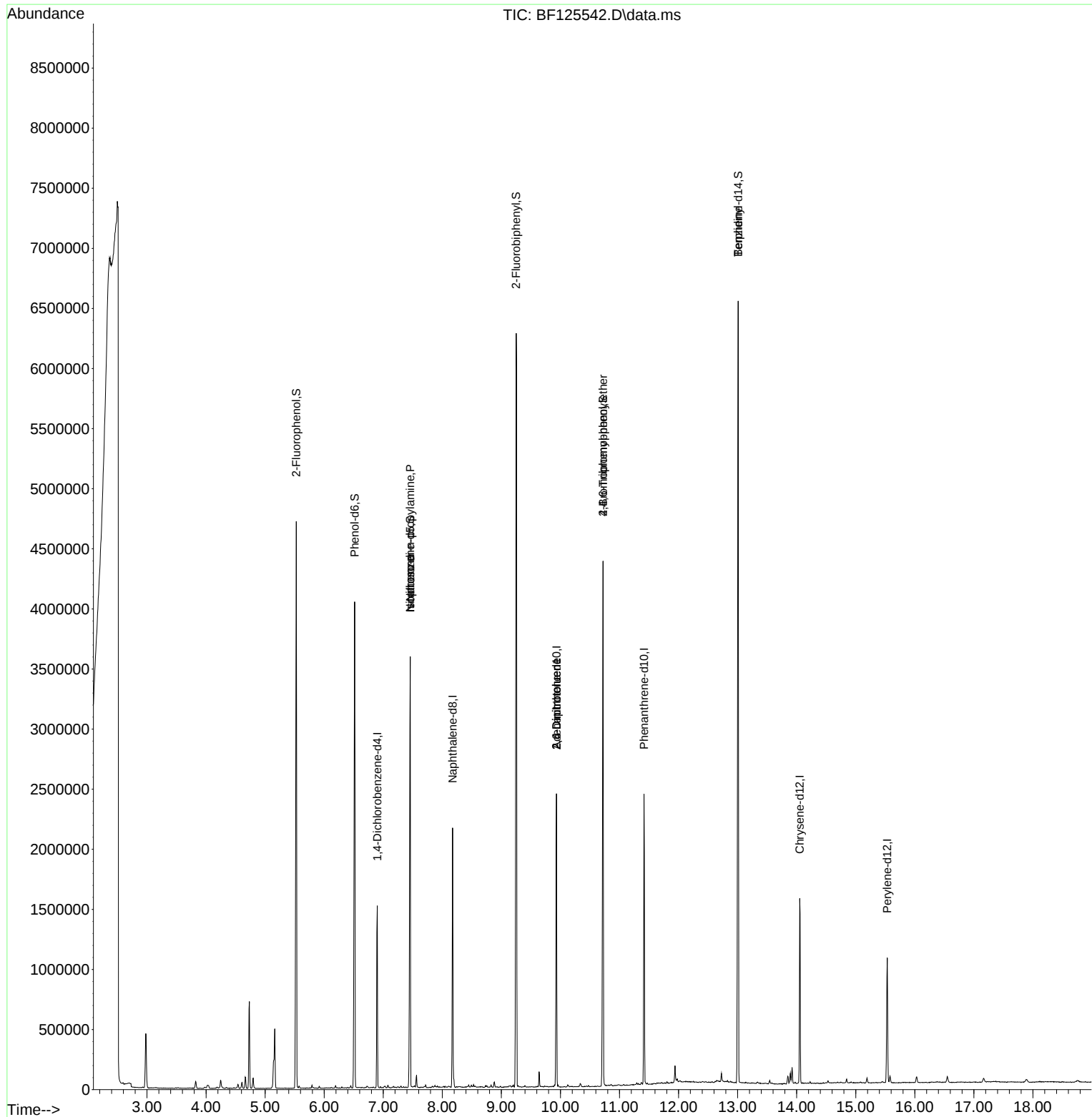
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	222218	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	949994	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	514868	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	894486	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	529024	20.000	ng	-0.01
86) Perylene-d12	15.533	264	445969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1522486	108.344	ng	0.02
7) Phenol-d6	6.516	99	1693635	93.478	ng	0.00
23) Nitrobenzene-d5	7.457	82	1227897	82.440	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	587977	116.594	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2403110	84.421	ng	-0.01
79) Terphenyl-d14	13.010	244	2379486	72.633	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.445	77	451	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.457	70	159515	14.710	ng	# 51
25) Isophorone	7.457	82	1225434	38.232	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	66291	9.403	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	66291	7.846	ng	# 19
67) 4-Bromophenyl-phenylether	10.722	248	32568	3.186	ng	# 1
77) Benizidine	13.010	184	31647	2.110	ng	# 95

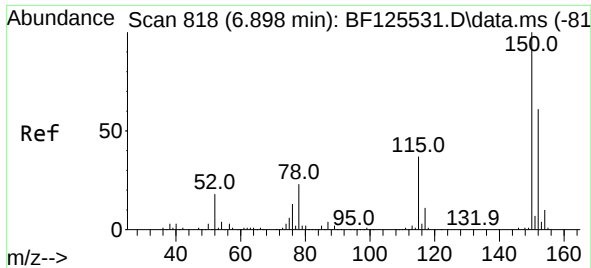
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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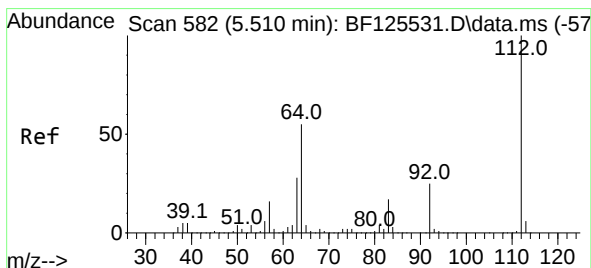
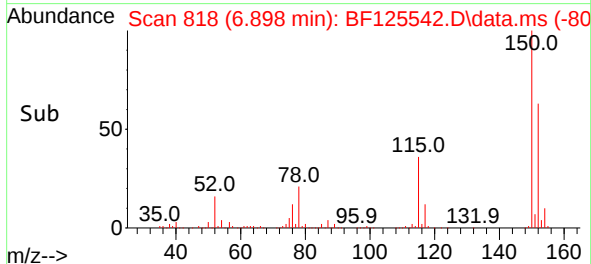
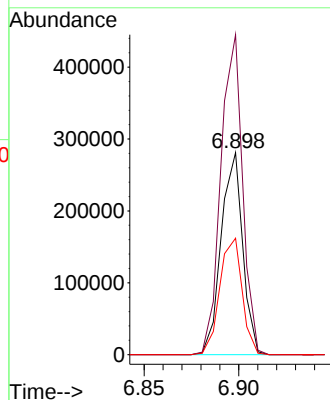
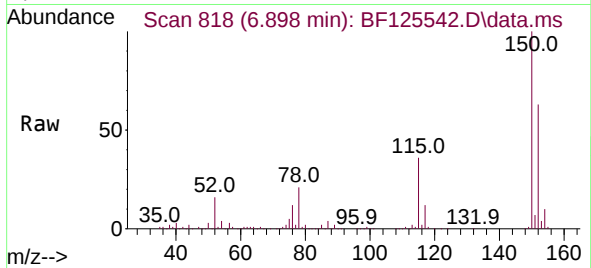




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125542.D
Acq: 21 Sep 2021 18:35

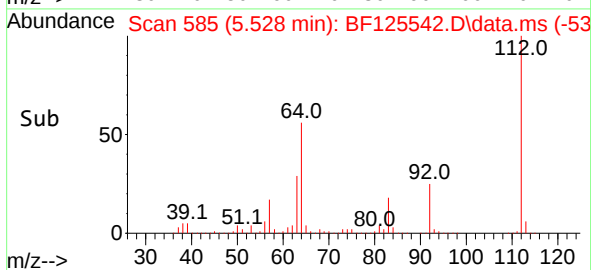
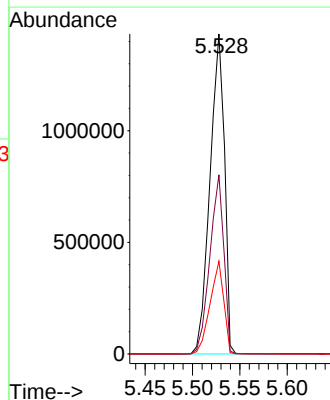
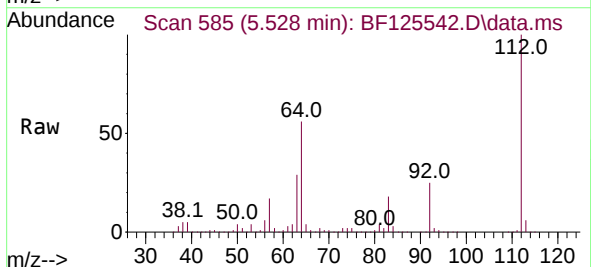
Instrument :
BNA_F
ClientSampleId :
WASTE-PRE-CLASS

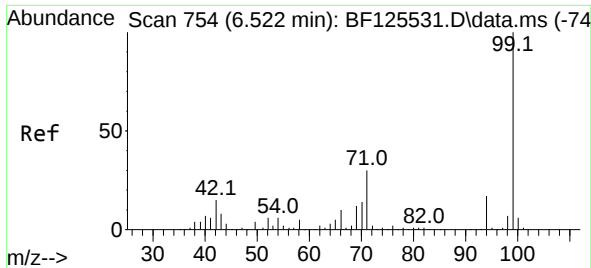
Tgt Ion:152 Resp: 222218
Ion Ratio Lower Upper
152 100
150 158.4 117.6 176.4
115 57.7 47.1 70.7



#5
2-Fluorophenol
Concen: 108.344 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF125542.D
Acq: 21 Sep 2021 18:35

Tgt Ion:112 Resp: 1522486
Ion Ratio Lower Upper
112 100
64 56.0 44.2 66.2
63 29.0 26.2 39.2

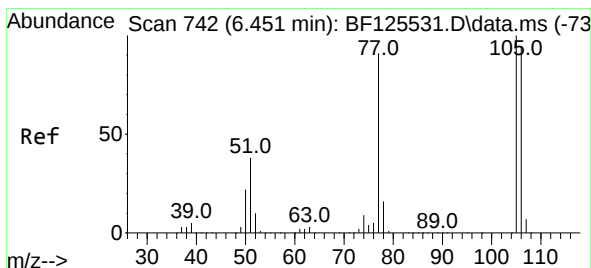
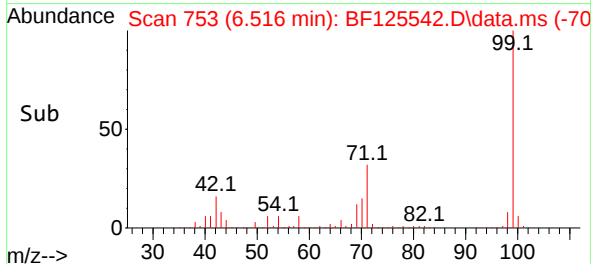
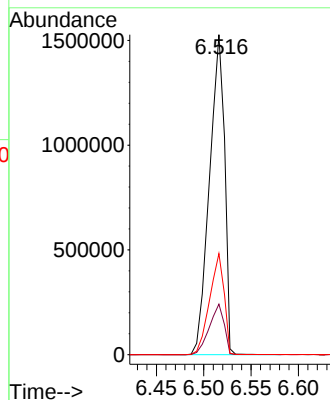
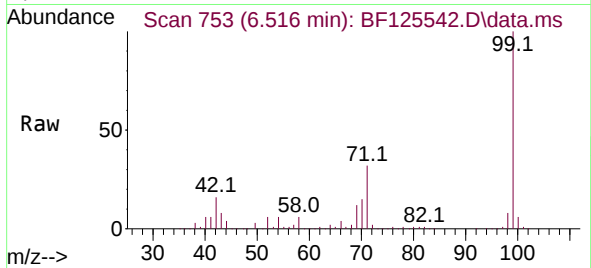




#7
Phenol-d6
Concen: 93.478 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125542.D
Acq: 21 Sep 2021 18:35

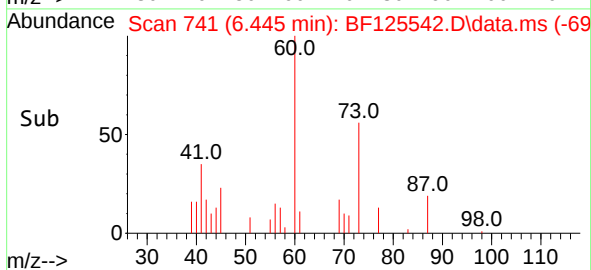
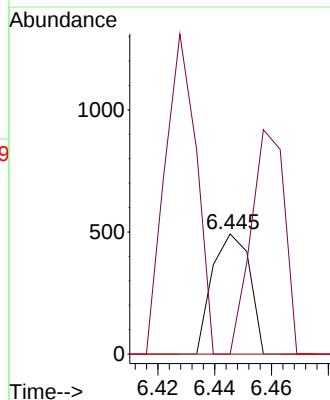
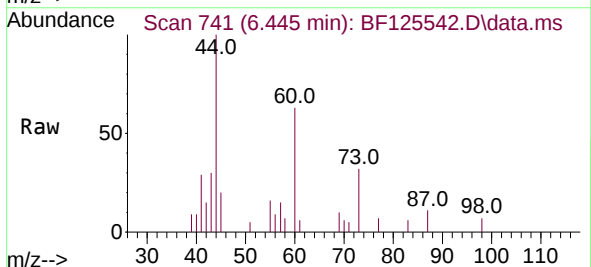
Instrument :
BNA_F
ClientSampleId :
WASTE-PRE-CLASS

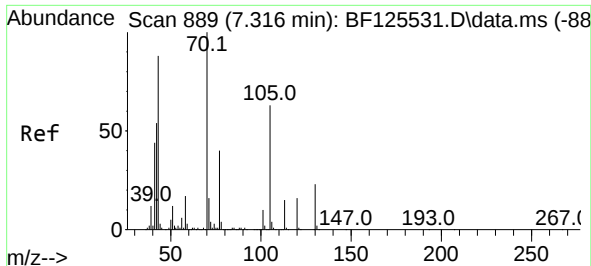
Tgt Ion: 99 Resp: 1693635
Ion Ratio Lower Upper
99 100
42 15.8 23.5 35.3#
71 31.6 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF125542.D
Acq: 21 Sep 2021 18:35

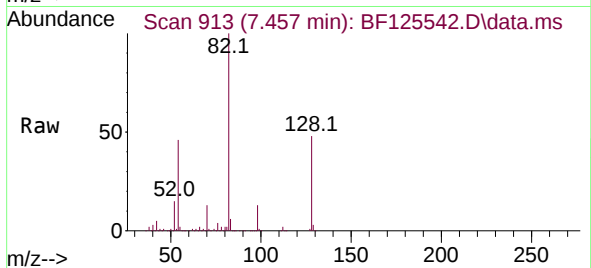
Tgt Ion: 77 Resp: 451
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



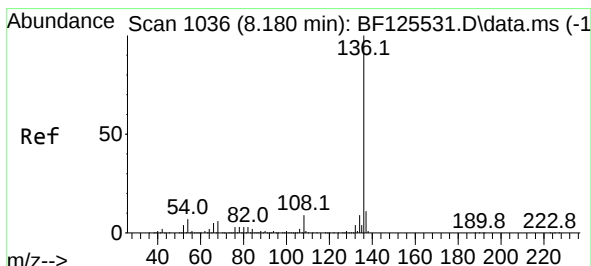
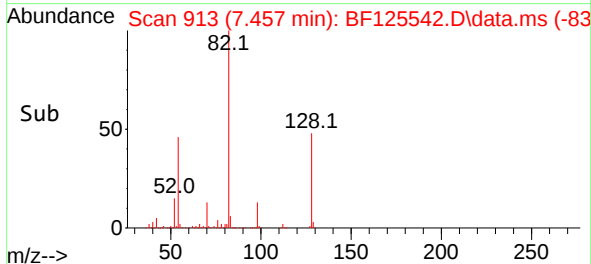
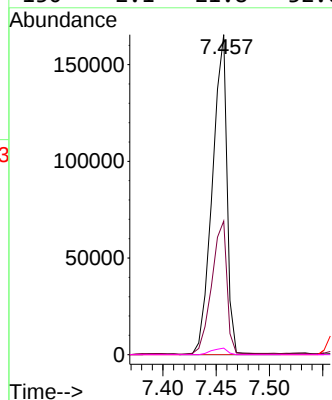


#19
n-Nitroso-di-n-propylamine
Concen: 14.710 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF125542.D
Acq: 21 Sep 2021 18:35

Instrument :
BNA_F
ClientSampleId :
WASTE-PRE-CLASS

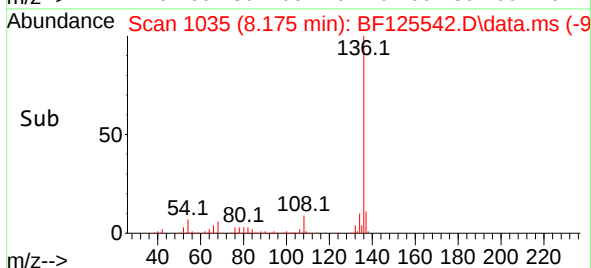
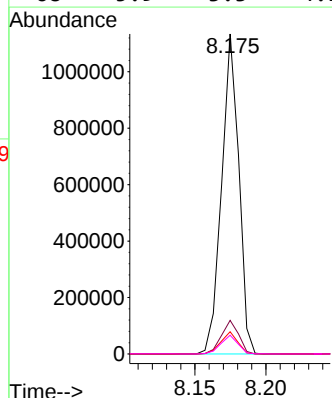
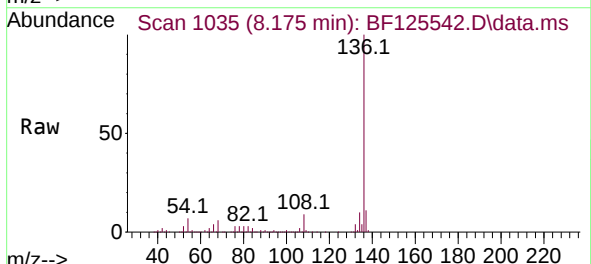


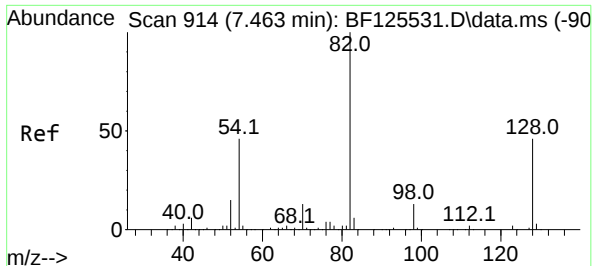
Tgt Ion: 70 Resp: 159515
Ion Ratio Lower Upper
70 100
42 41.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125542.D
Acq: 21 Sep 2021 18:35

Tgt Ion: 136 Resp: 949994
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 6.9 6.4 9.6
68 5.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 82.440 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF125542.D

Acq: 21 Sep 2021 18:35

Tgt Ion: 82 Resp: 1227897

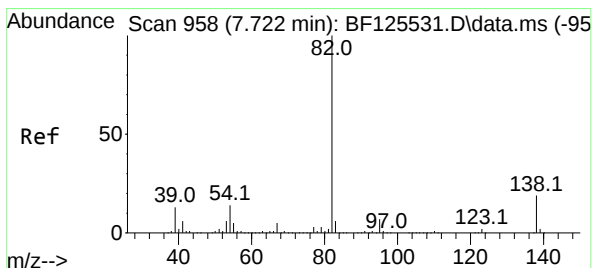
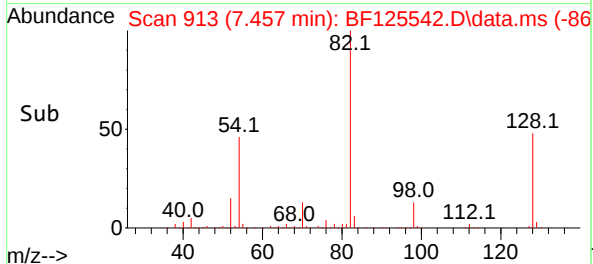
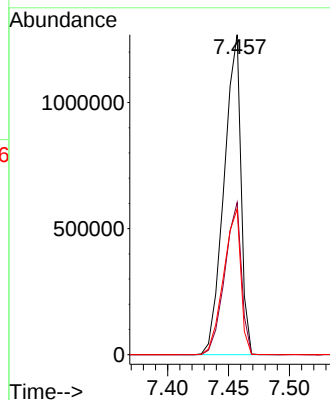
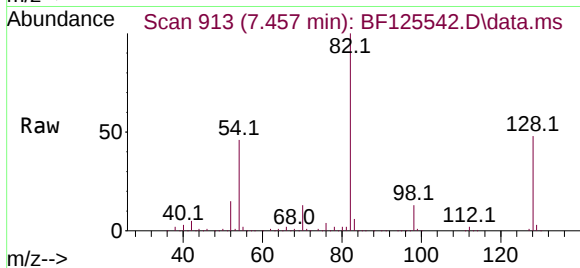
Ion	Ratio	Lower	Upper
82	100		
128	47.5	40.6	60.8
54	45.5	49.6	74.4#

Instrument :

BNA_F

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#25

Isophorone

Concen: 38.232 ng

RT: 7.457 min Scan# 913

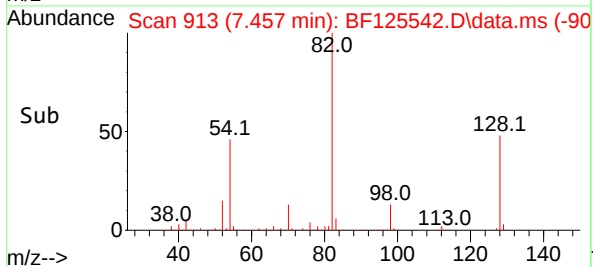
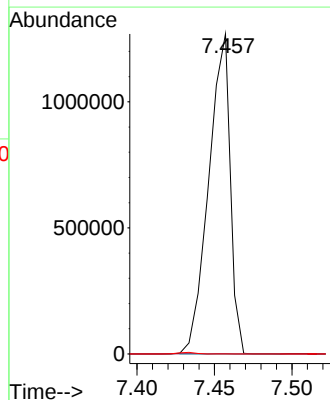
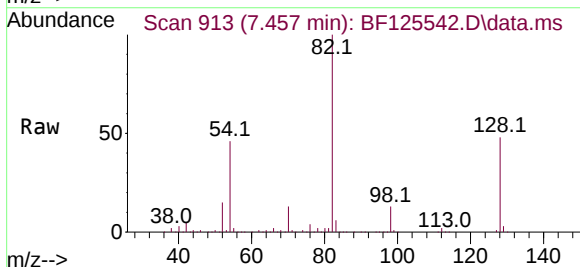
Delta R.T. -0.265 min

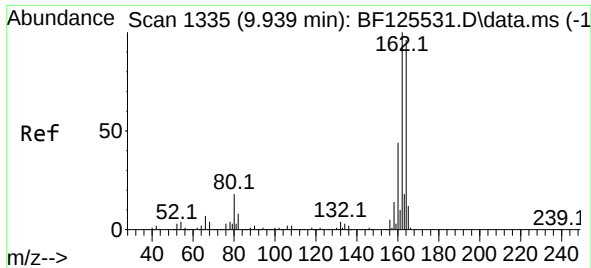
Lab File: BF125542.D

Acq: 21 Sep 2021 18:35

Tgt Ion: 82 Resp: 1225434

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

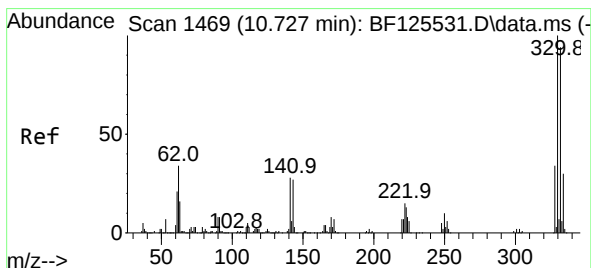
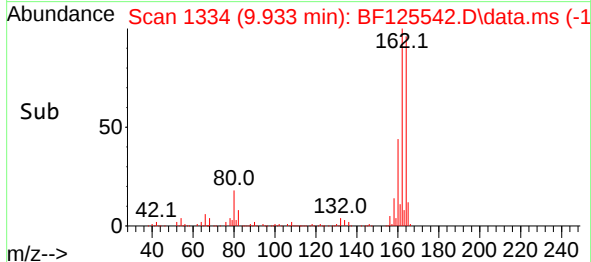
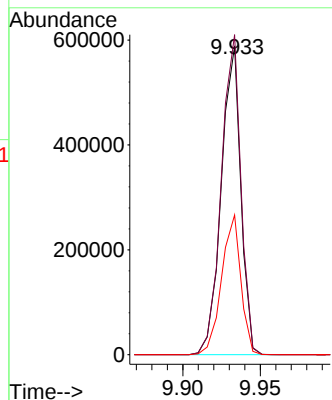
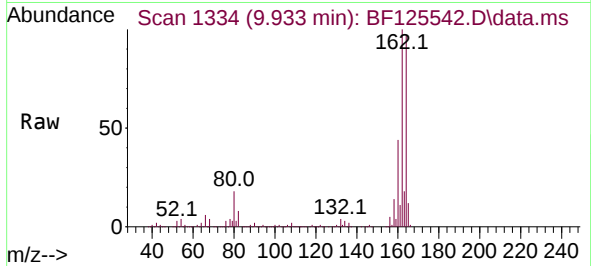




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125542.D
Acq: 21 Sep 2021 18:35

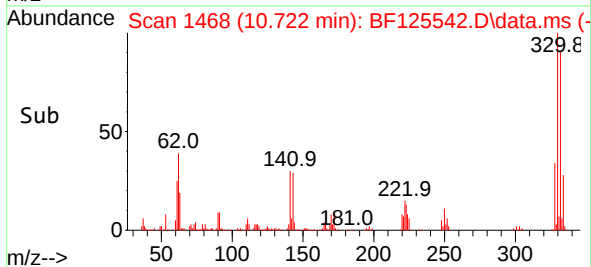
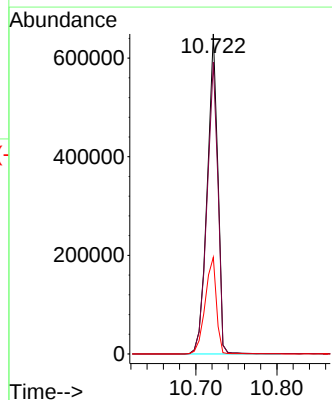
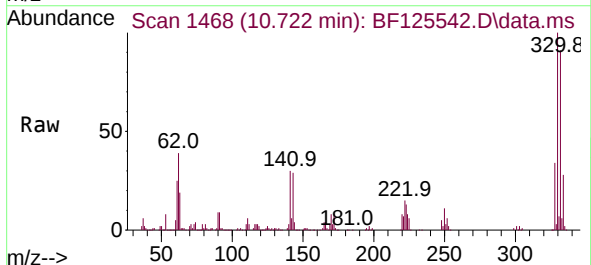
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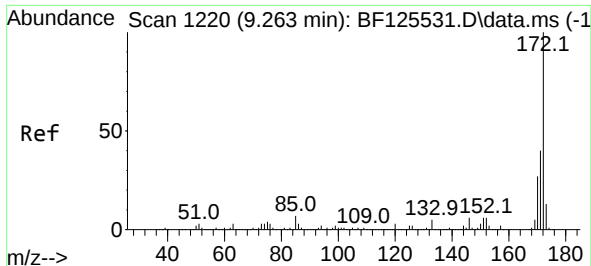
Tgt Ion:164 Resp: 514868
Ion Ratio Lower Upper
164 100
162 103.6 81.3 121.9
160 45.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 116.594 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125542.D
Acq: 21 Sep 2021 18:35

Tgt Ion:330 Resp: 587977
Ion Ratio Lower Upper
330 100
332 93.6 76.2 114.4
141 32.0 44.6 66.8#

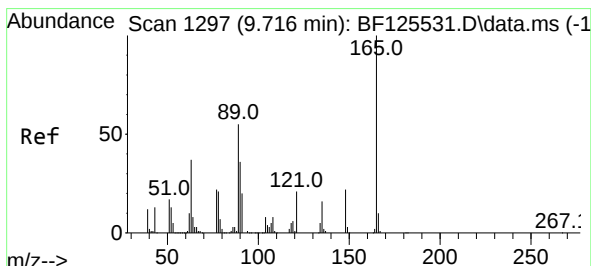
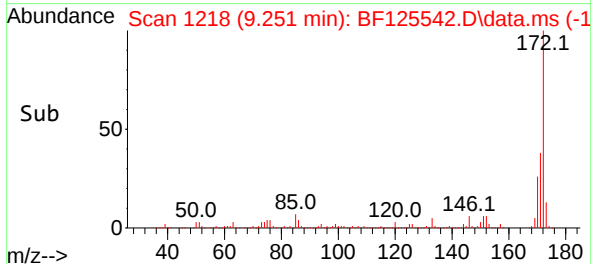
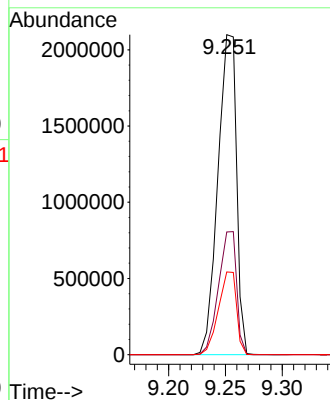
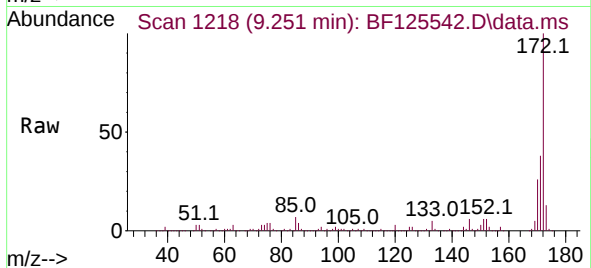




#45
2-Fluorobiphenyl
Concen: 84.421 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125542.D
Acq: 21 Sep 2021 18:35

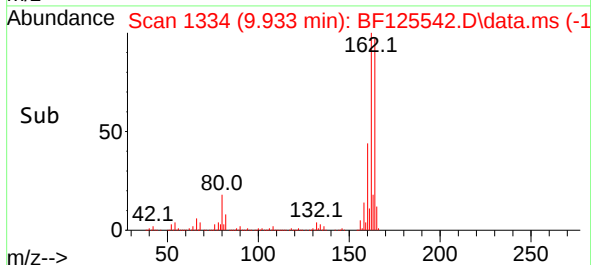
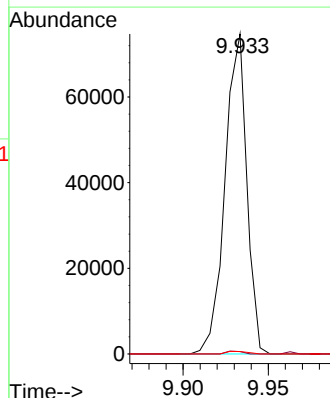
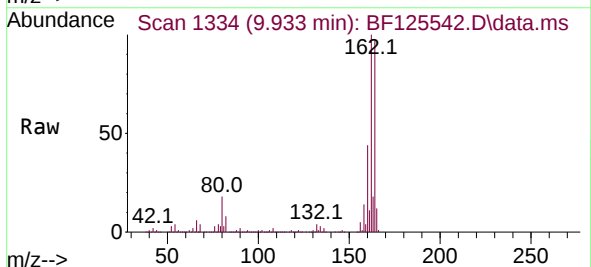
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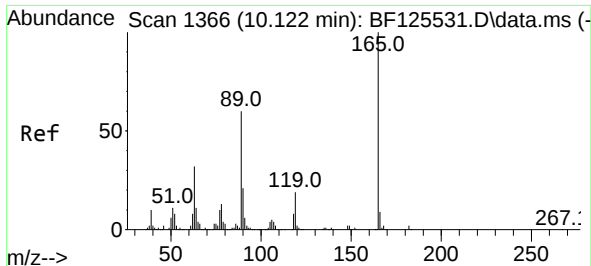
Tgt Ion:172 Resp: 2403110
Ion Ratio Lower Upper
172 100
171 38.3 26.5 39.7
170 25.9 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.403 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125542.D
Acq: 21 Sep 2021 18:35

Tgt Ion:165 Resp: 66291
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.8 40.6 60.8#

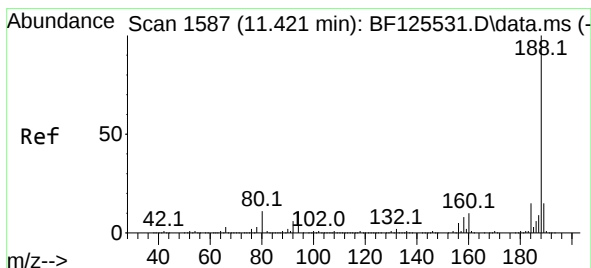
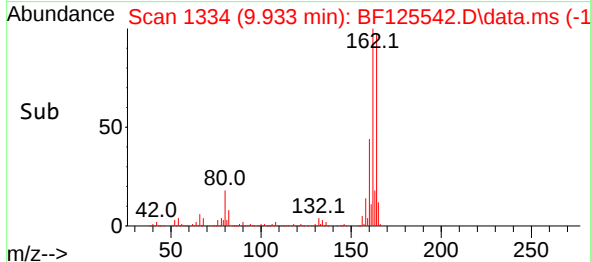
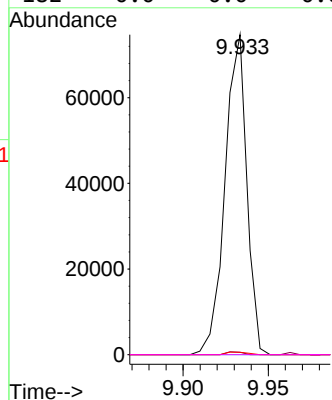
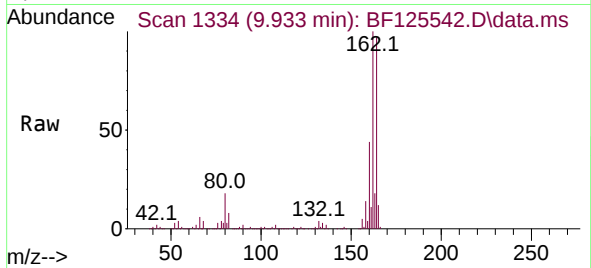




#57
2,4-Dinitrotoluene
Concen: 7.846 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125542.D
Acq: 21 Sep 2021 18:35

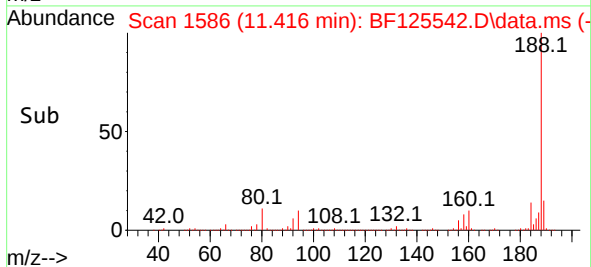
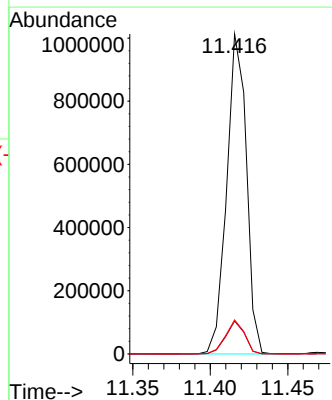
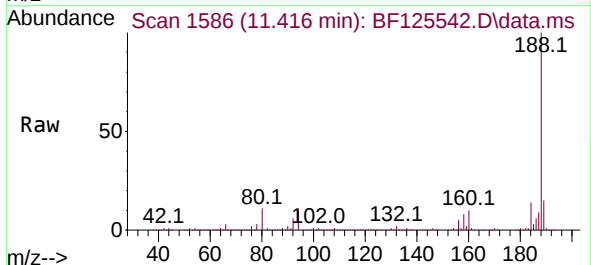
Instrument :
BNA_F
ClientSampleId :
WASTE-PRE-CLASS

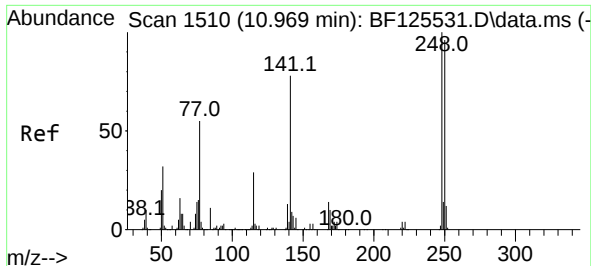
Tgt Ion:165	Resp:	66291
Ion Ratio	Lower	Upper
165	100	
63	0.8	40.9 61.3#
89	0.8	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125542.D
Acq: 21 Sep 2021 18:35

Tgt Ion:188	Resp:	894486
Ion Ratio	Lower	Upper
188	100	
94	10.3	6.7 10.1#
80	10.6	7.5 11.3

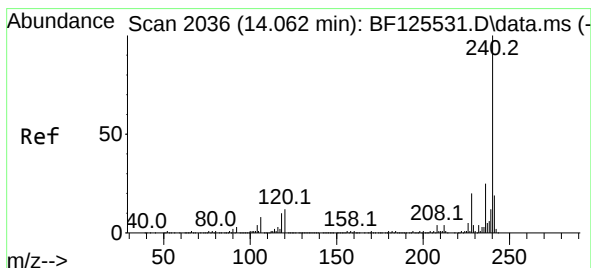
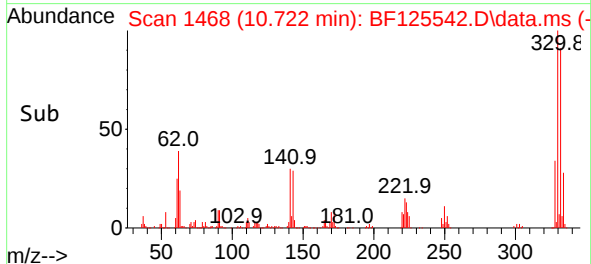
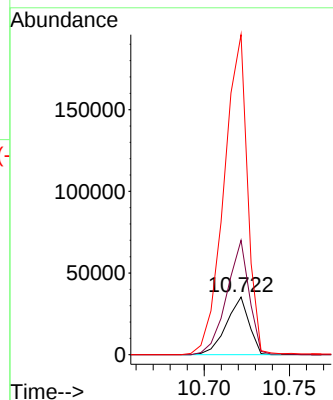
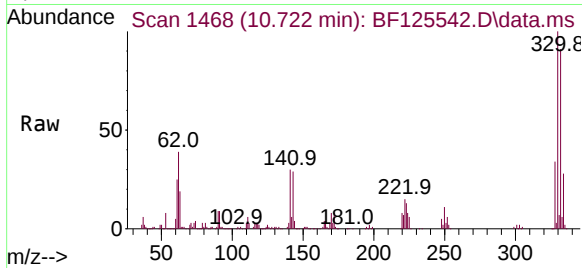




#67
4-Bromophenyl-phenylether
Concen: 3.186 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125542.D
Acq: 21 Sep 2021 18:35

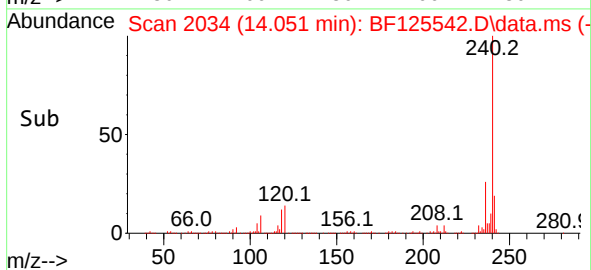
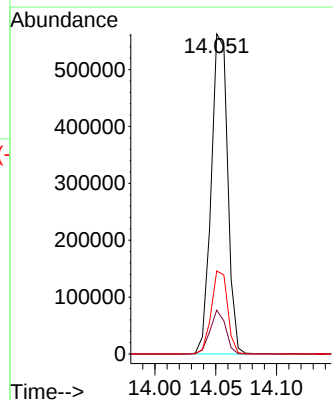
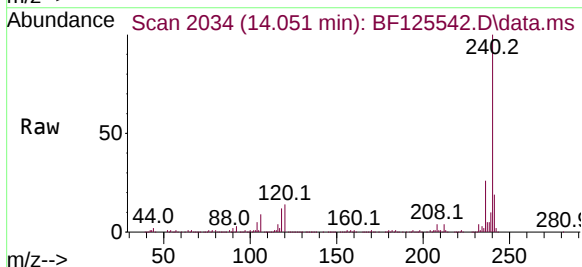
Instrument :
BNA_F
ClientSampleId :
WASTE-PRE-CLASS

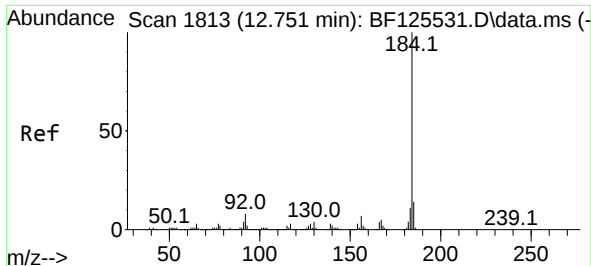
Tgt Ion:248 Resp: 32568
Ion Ratio Lower Upper
248 100
250 198.8 74.2 111.4#
141 555.7 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF125542.D
Acq: 21 Sep 2021 18:35

Tgt Ion:240 Resp: 529024
Ion Ratio Lower Upper
240 100
120 13.7 10.8 16.2
236 26.0 21.6 32.4

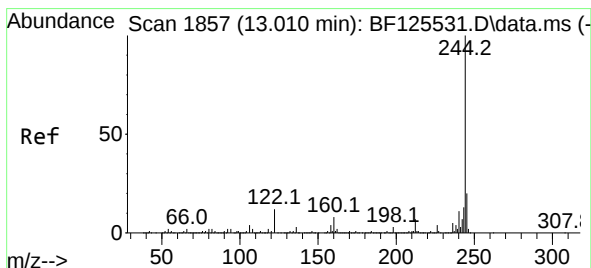
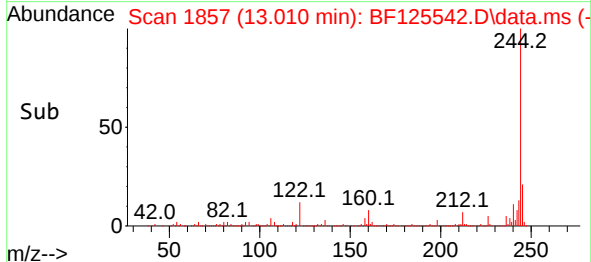
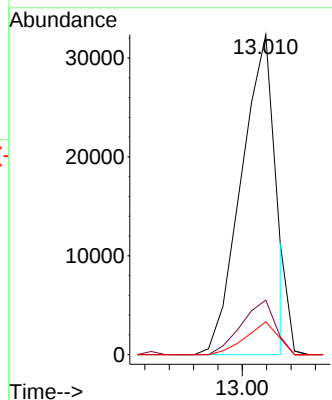
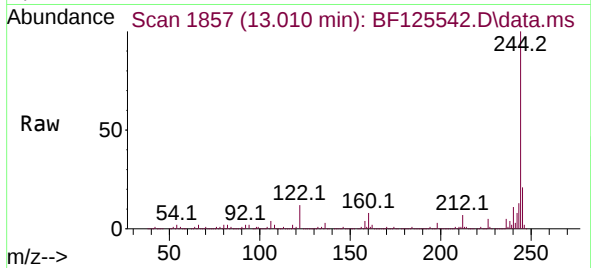




#77
Benzidine
Concen: 2.110 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.259 min
Lab File: BF125542.D
Acq: 21 Sep 2021 18:35

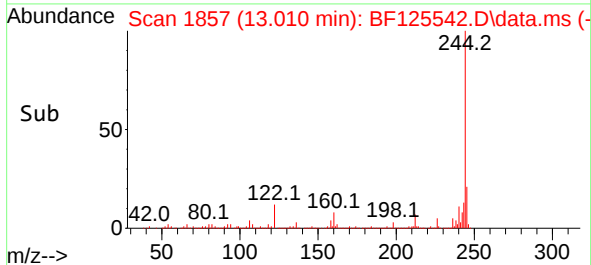
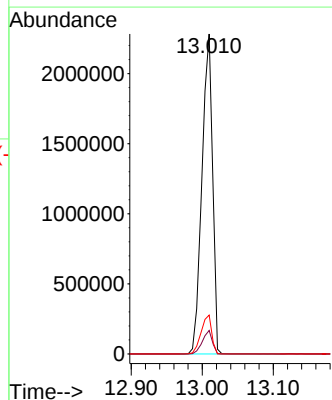
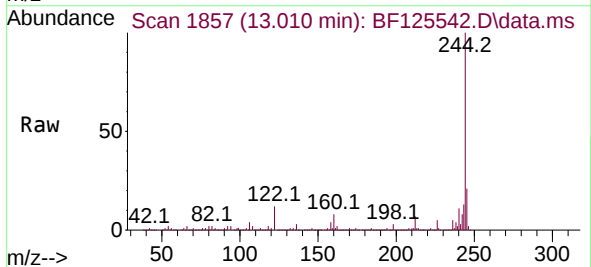
Instrument :
BNA_F
ClientSampleId :
WASTE-PRE-CLASS

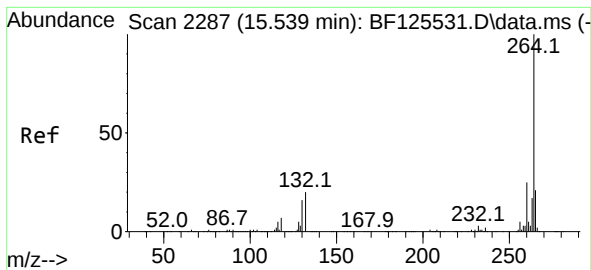
Tgt Ion:184 Resp: 31647
Ion Ratio Lower Upper
184 100
185 17.0 10.8 16.2#
183 10.3 8.1 12.1



#79
Terphenyl-d14
Concen: 72.633 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF125542.D
Acq: 21 Sep 2021 18:35

Tgt Ion:244 Resp: 2379486
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 12.2 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: BF125542.D
 Acq: 21 Sep 2021 18:35

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-PRE-CLASS

Tgt Ion:264	Resp:	445969
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.6 29.4
265	20.8	17.2 25.8

