

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092121\
 Data File : BF125541.D
 Acq On : 21 Sep 2021 18:03
 Operator : JU/CG
 Sample : M3772-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PRE-CLASS-WASTE-1

Quant Time: Sep 21 18:39:51 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 14:40:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

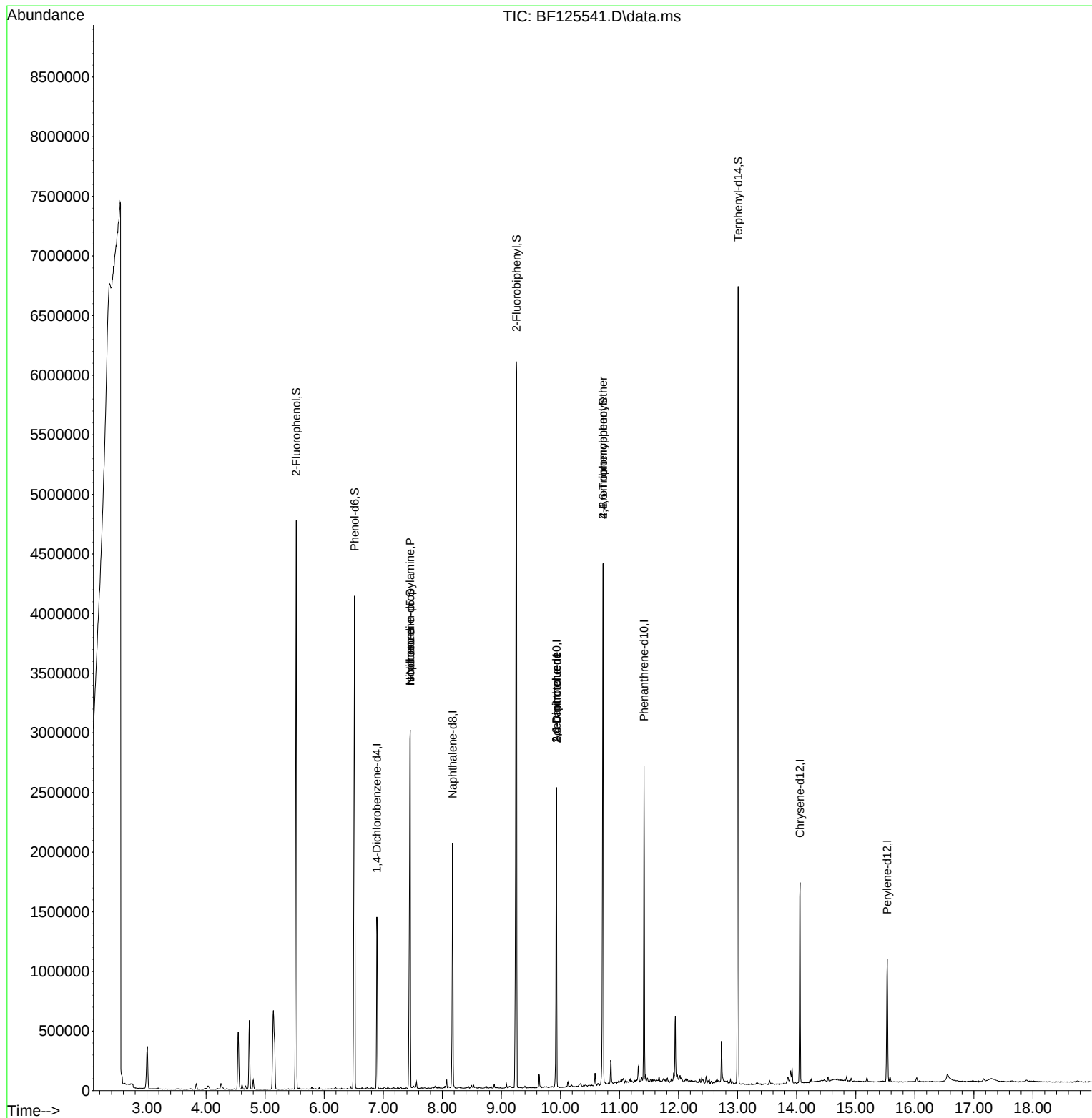
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	235369	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1005435	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	541238	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	927903	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	583475	20.000	ng	0.00
86) Perylene-d12	15.533	264	448225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1610158	108.181	ng	0.02
7) Phenol-d6	6.516	99	1804284	94.021	ng	0.00
23) Nitrobenzene-d5	7.457	82	1301789	82.582	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	591919	111.657	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2481501	82.697	ng	0.00
79) Terphenyl-d14	13.010	244	2457236	68.006	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.445	77	143	Below Cal	#	41
19) n-Nitroso-di-n-propyla...	7.457	70	166514	14.498	ng	# 51
25) Isophorone	7.457	82	1275458	37.599	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	68192	9.202	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	68192	7.678	ng	# 19
67) 4-Bromophenyl-phenylether	10.721	248	33315	3.142	ng	# 1

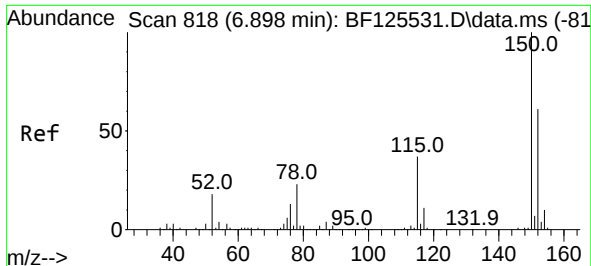
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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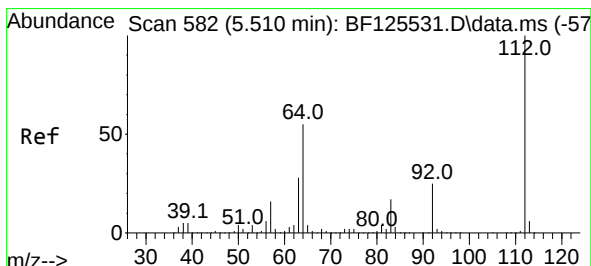
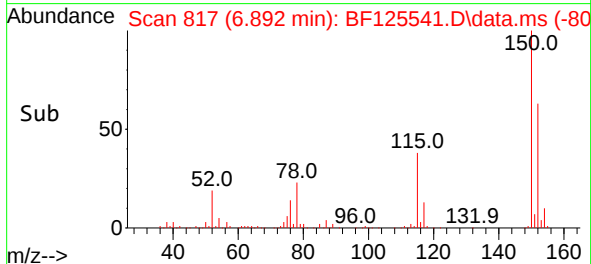
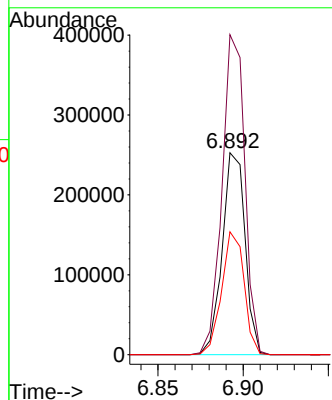
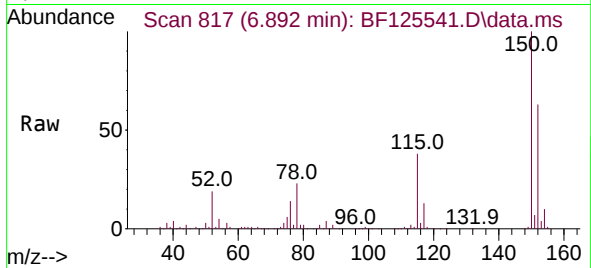




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125541.D
Acq: 21 Sep 2021 18:03

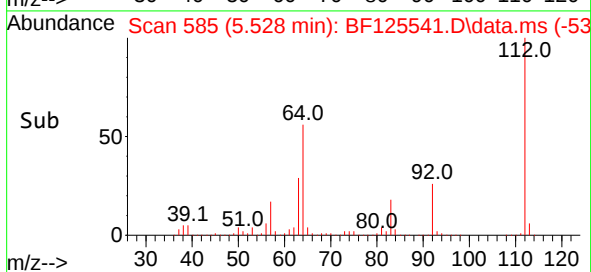
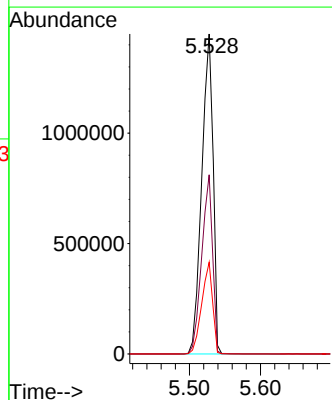
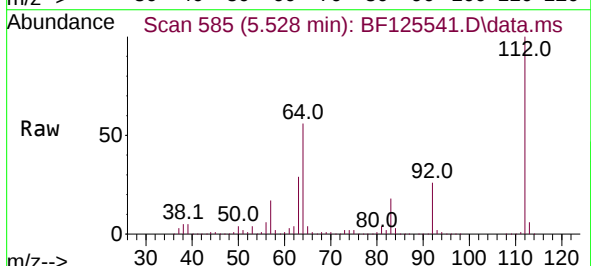
Instrument :
BNA_F
ClientSampleId :
PRE-CLASS-WASTE-1

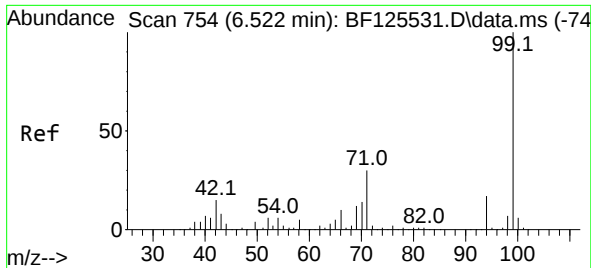
Tgt Ion:152 Resp: 235369
Ion Ratio Lower Upper
152 100
150 158.5 117.6 176.4
115 60.9 47.1 70.7



#5
2-Fluorophenol
Concen: 108.181 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF125541.D
Acq: 21 Sep 2021 18:03

Tgt Ion:112 Resp: 1610158
Ion Ratio Lower Upper
112 100
64 56.0 44.2 66.2
63 28.7 26.2 39.2

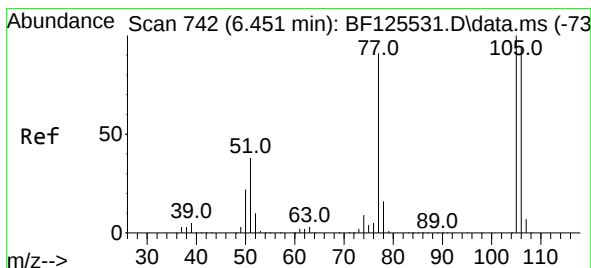
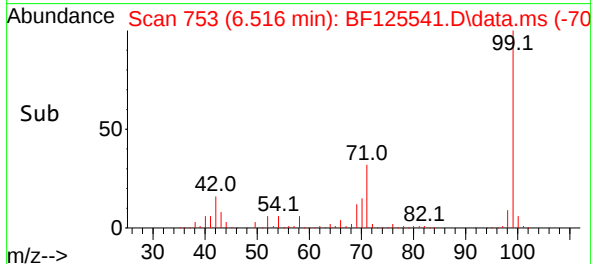
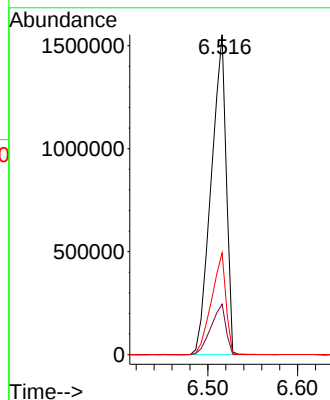
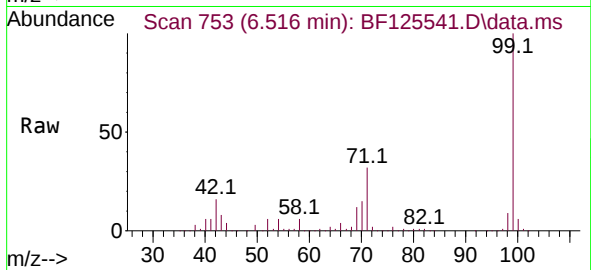




#7
Phenol-d6
Concen: 94.021 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125541.D
Acq: 21 Sep 2021 18:03

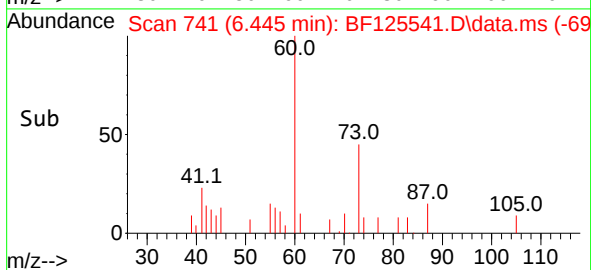
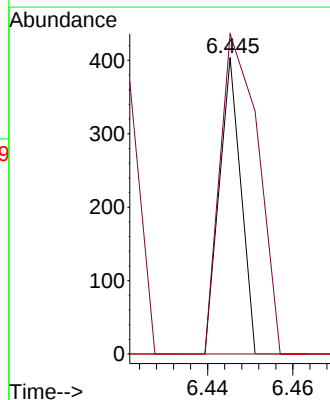
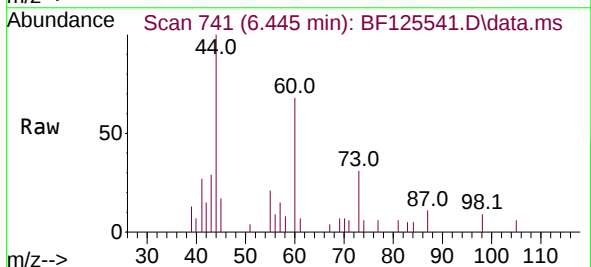
Instrument :
BNA_F
ClientSampleId :
PRE-CLASS-WASTE-1

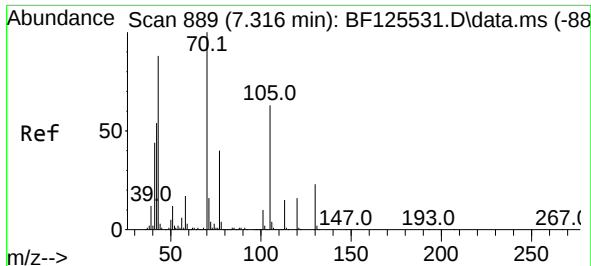
Tgt Ion: 99 Resp: 1804284
Ion Ratio Lower Upper
99 100
42 15.8 23.5 35.3#
71 31.8 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF125541.D
Acq: 21 Sep 2021 18:03

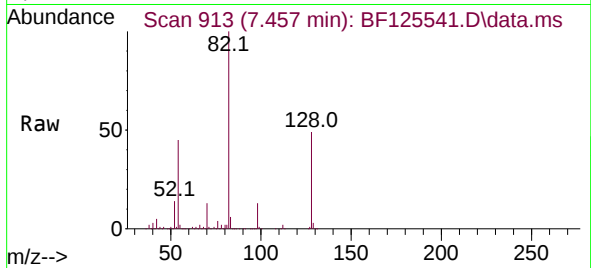
Tgt Ion: 77 Resp: 143
Ion Ratio Lower Upper
77 100
105 107.9 75.9 115.9
106 0.0 84.0 124.0#



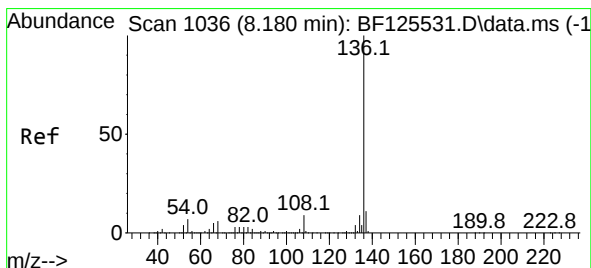
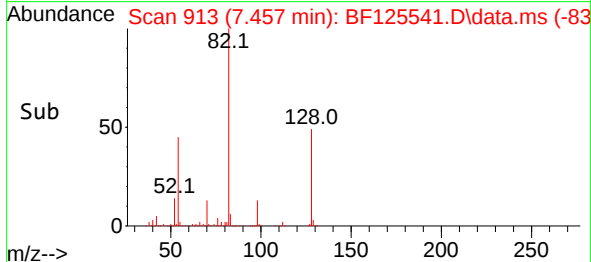
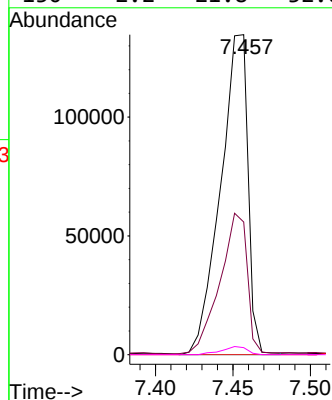


#19
n-Nitroso-di-n-propylamine
Concen: 14.498 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF125541.D
Acq: 21 Sep 2021 18:03

Instrument :
BNA_F
ClientSampleId :
PRE-CLASS-WASTE-1

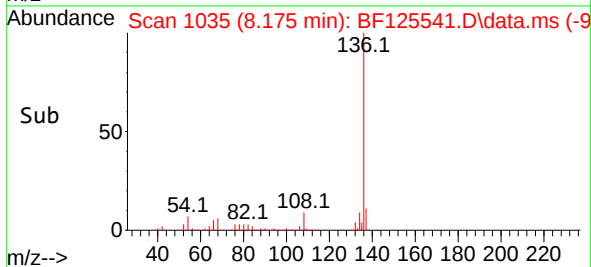
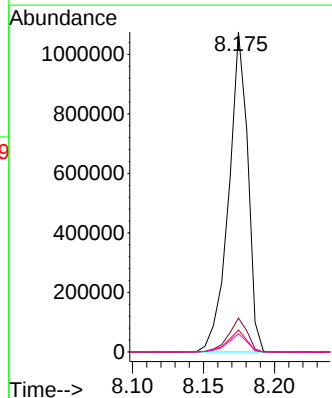
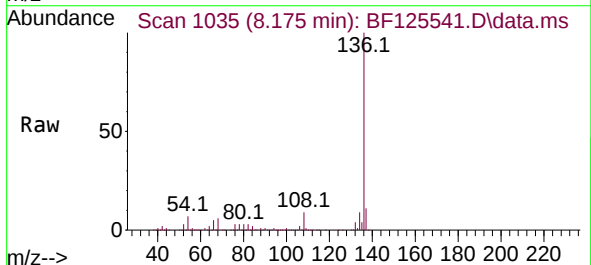


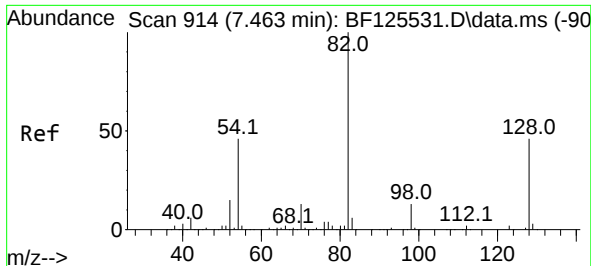
Tgt Ion: 70 Resp: 166514
Ion Ratio Lower Upper
70 100
42 41.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125541.D
Acq: 21 Sep 2021 18:03

Tgt Ion: 136 Resp: 1005435
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 6.9 6.4 9.6
68 5.7 3.3 4.9#

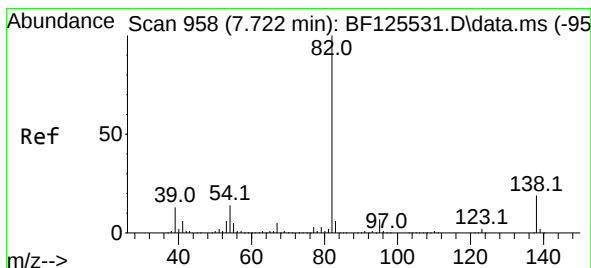
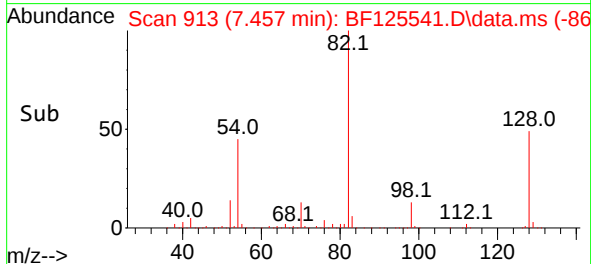
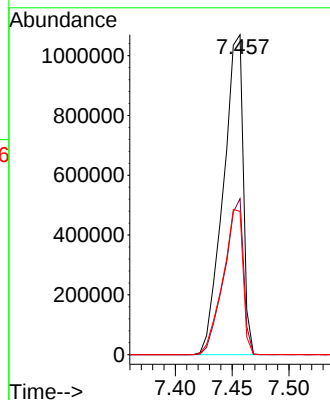
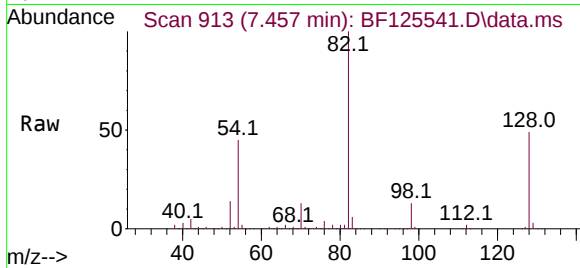




#23
Nitrobenzene-d5
Concen: 82.582 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF125541.D
Acq: 21 Sep 2021 18:03

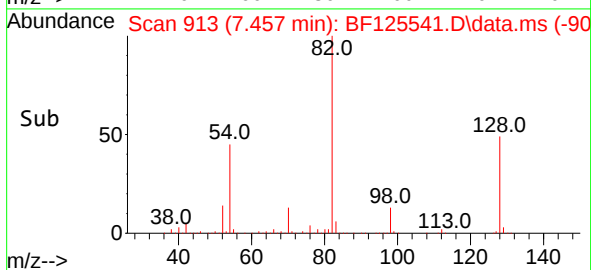
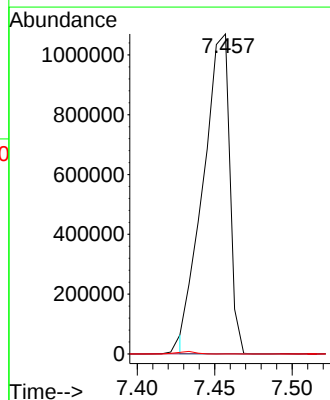
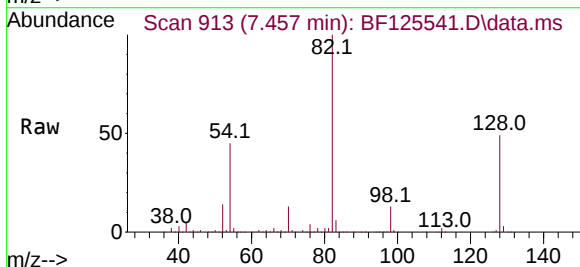
Instrument :
BNA_F
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PRE-CLASS-WASTE-1

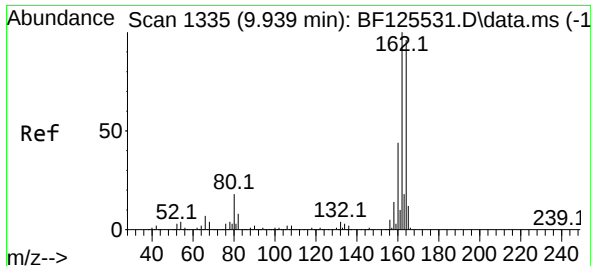
Tgt Ion: 82 Resp: 1301789
Ion Ratio Lower Upper
82 100
128 48.8 40.6 60.8
54 44.8 49.6 74.4#



#25
Isophorone
Concen: 37.599 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF125541.D
Acq: 21 Sep 2021 18:03

Tgt Ion: 82 Resp: 1275458
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: BF125541.D

Acq: 21 Sep 2021 18:03

Instrument :

BNA_F

ClientSampleId :

PRE-CLASS-WASTE-1

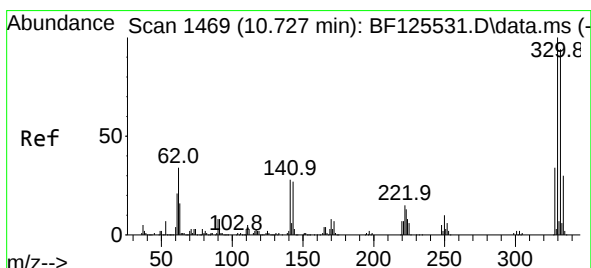
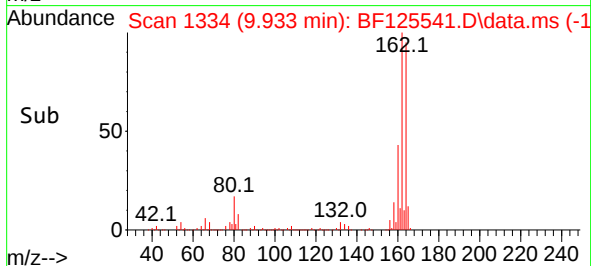
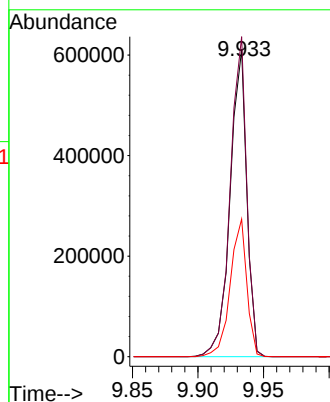
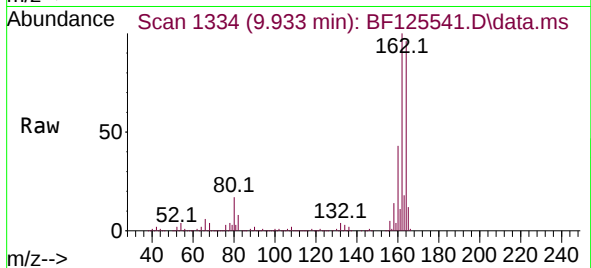
Tgt Ion:164 Resp: 541238

Ion Ratio Lower Upper

164 100

162 104.3 81.3 121.9

160 44.8 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 111.657 ng

RT: 10.721 min Scan# 1468

Delta R.T. -0.006 min

Lab File: BF125541.D

Acq: 21 Sep 2021 18:03

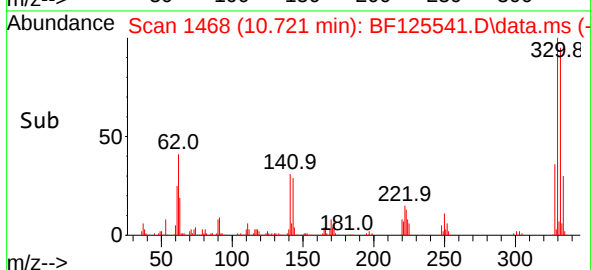
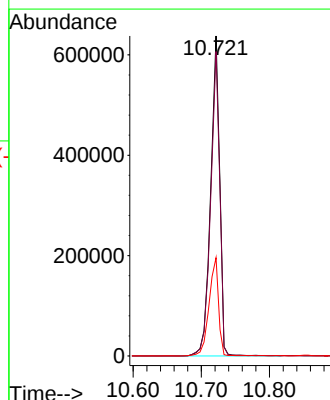
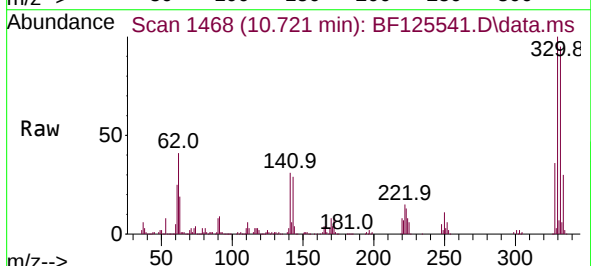
Tgt Ion:330 Resp: 591919

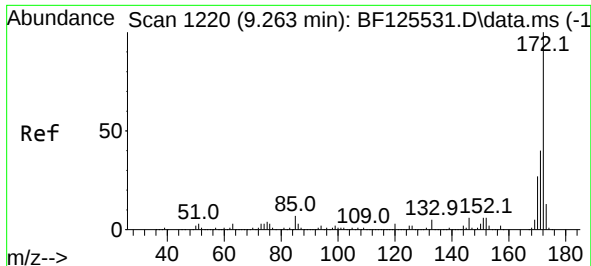
Ion Ratio Lower Upper

330 100

332 95.0 76.2 114.4

141 32.3 44.6 66.8#

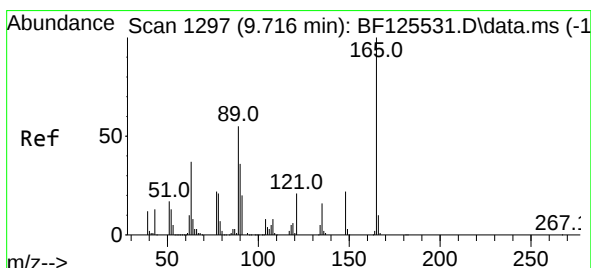
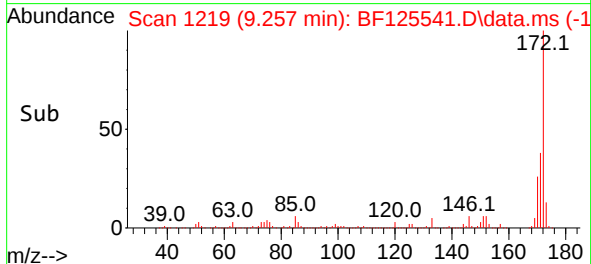
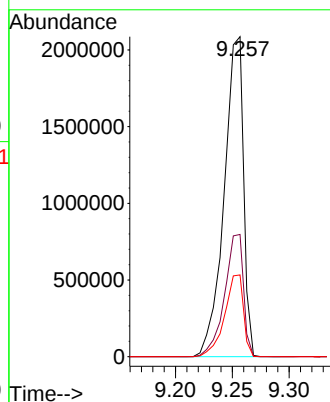
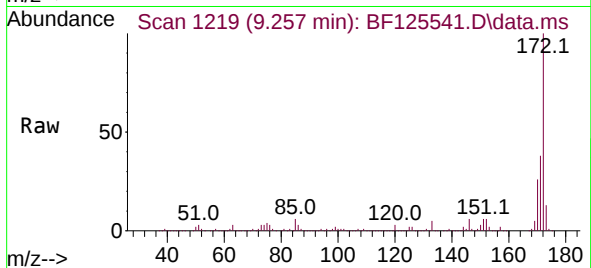




#45
2-Fluorobiphenyl
Concen: 82.697 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF125541.D
Acq: 21 Sep 2021 18:03

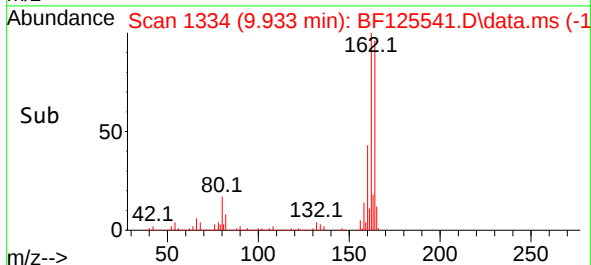
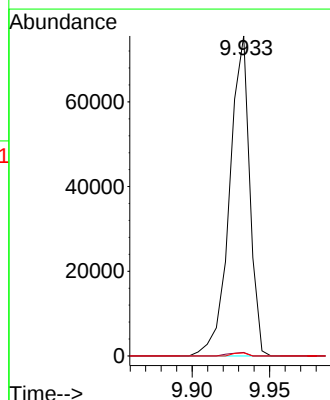
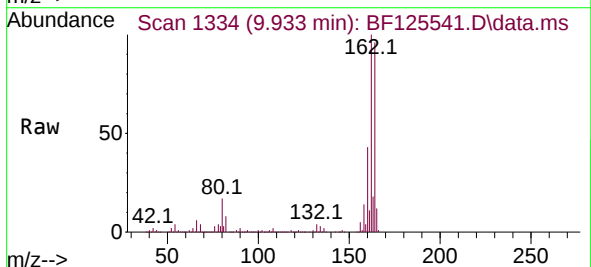
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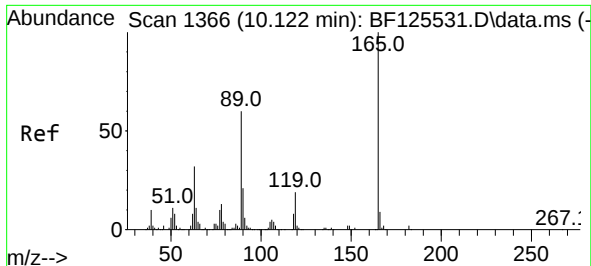
Tgt Ion:172 Resp: 2481501
Ion Ratio Lower Upper
172 100
171 38.2 26.5 39.7
170 25.5 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.202 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125541.D
Acq: 21 Sep 2021 18:03

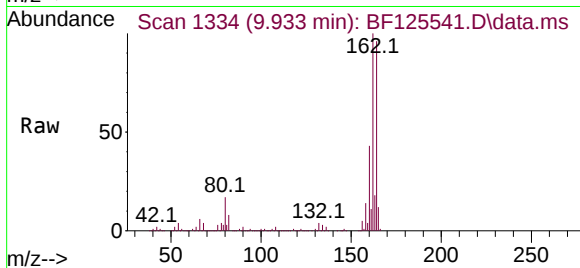
Tgt Ion:165 Resp: 68192
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.0 40.6 60.8#



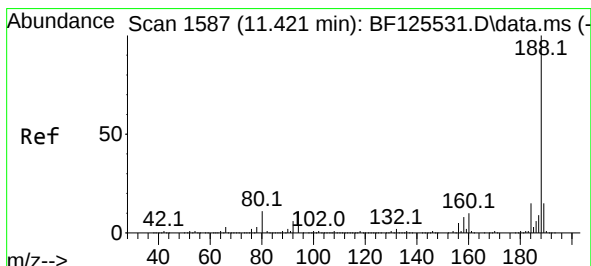
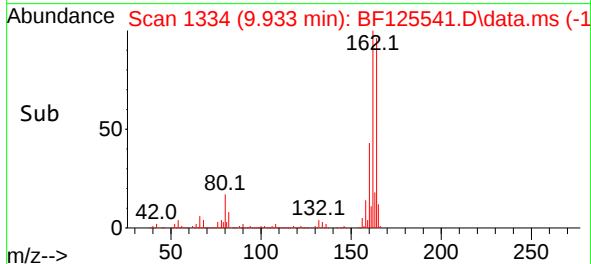
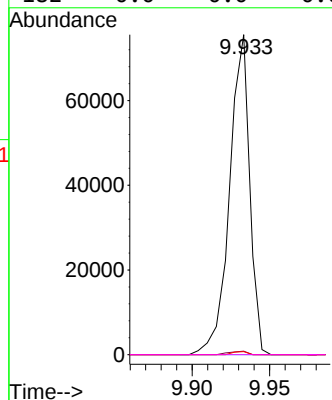


#57
2,4-Dinitrotoluene
Concen: 7.678 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125541.D
Acq: 21 Sep 2021 18:03

Instrument :
BNA_F
ClientSampleId :
PRE-CLASS-WASTE-1

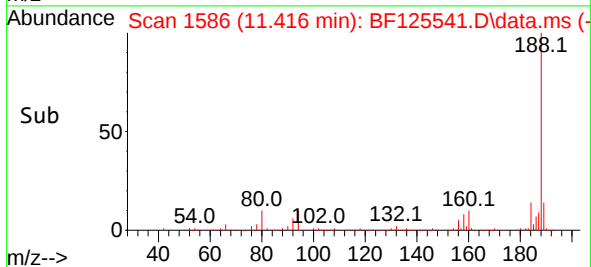
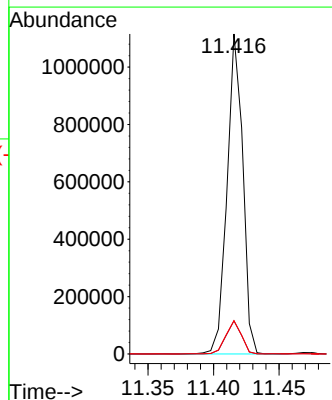
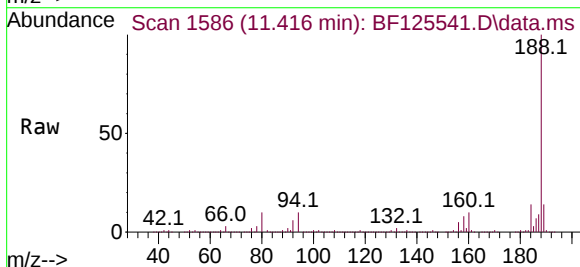


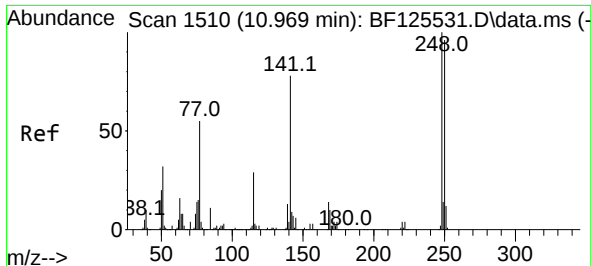
Tgt Ion:165 Resp: 68192
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125541.D
Acq: 21 Sep 2021 18:03

Tgt Ion:188 Resp: 927903
Ion Ratio Lower Upper
188 100
94 10.4 6.7 10.1#
80 10.4 7.5 11.3

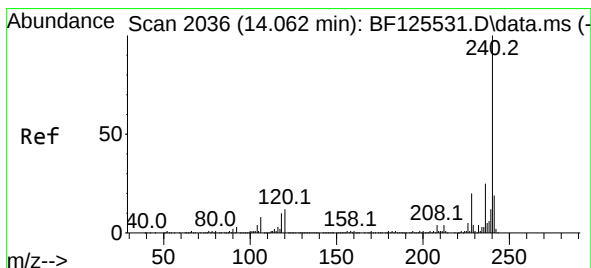
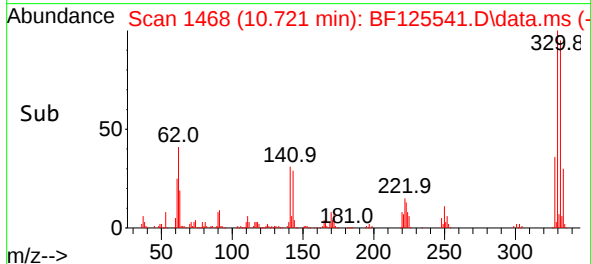
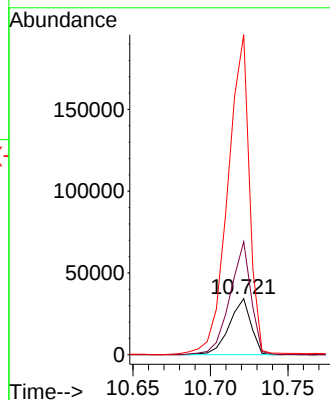
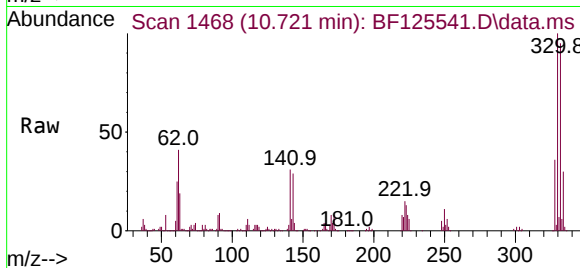




#67
4-Bromophenyl-phenylether
Concen: 3.142 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125541.D
Acq: 21 Sep 2021 18:03

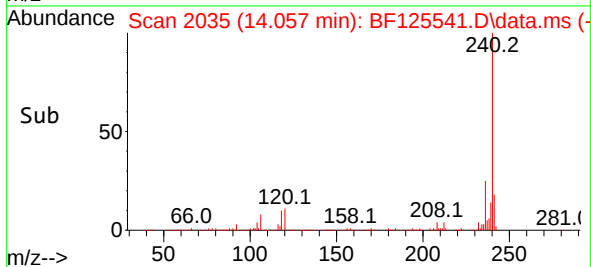
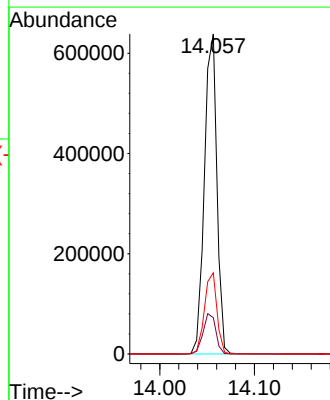
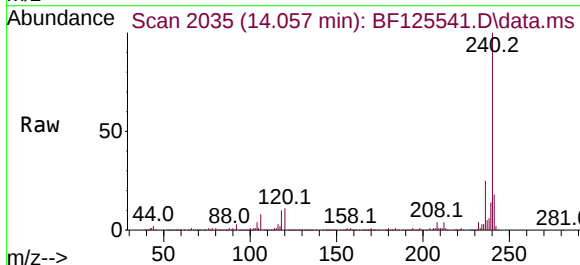
Instrument :
BNA_F
ClientSampleId :
PRE-CLASS-WASTE-1

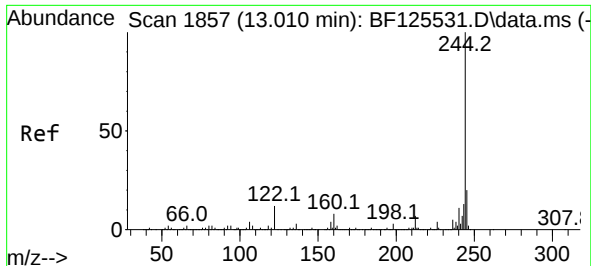
Tgt Ion:248 Resp: 33315
Ion Ratio Lower Upper
248 100
250 201.8 74.2 111.4#
141 571.3 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125541.D
Acq: 21 Sep 2021 18:03

Tgt Ion:240 Resp: 583475
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 25.4 21.6 32.4

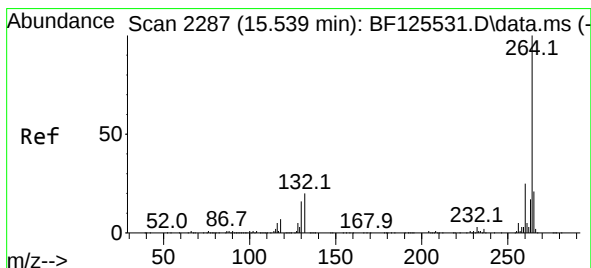
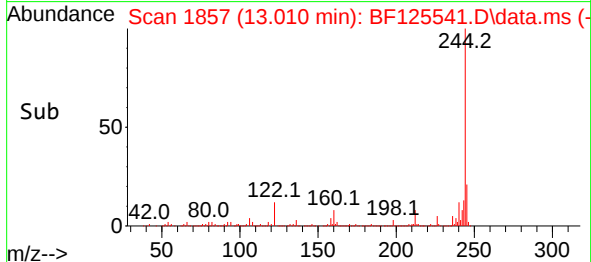
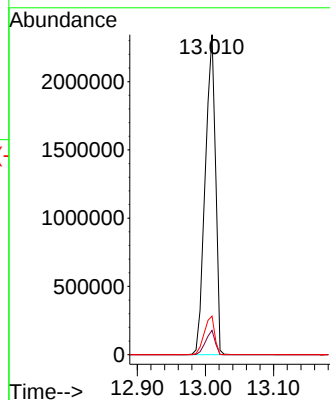
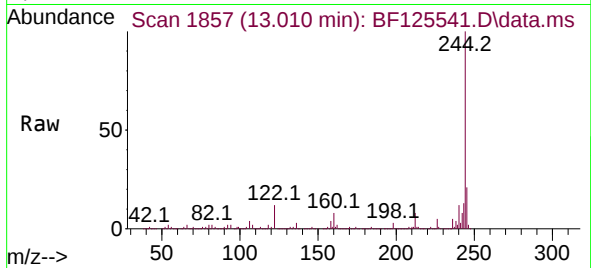




#79
Terphenyl-d14
Concen: 68.006 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BF125541.D
Acq: 21 Sep 2021 18:03

Instrument :
BNA_F
ClientSampleId :
PRE-CLASS-WASTE-1

Tgt Ion:244 Resp: 2457236
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 12.1 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: BF125541.D
Acq: 21 Sep 2021 18:03

Tgt Ion:264 Resp: 448225
Ion Ratio Lower Upper
264 100
260 24.7 19.6 29.4
265 21.4 17.2 25.8

