

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
 Data File : BF126636.D
 Acq On : 24 Jan 2022 14:03
 Operator : CG/JU
 Sample : N1218-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-BOILER-PIT-WASTE-CLASS

Quant Time: Jan 24 14:29:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

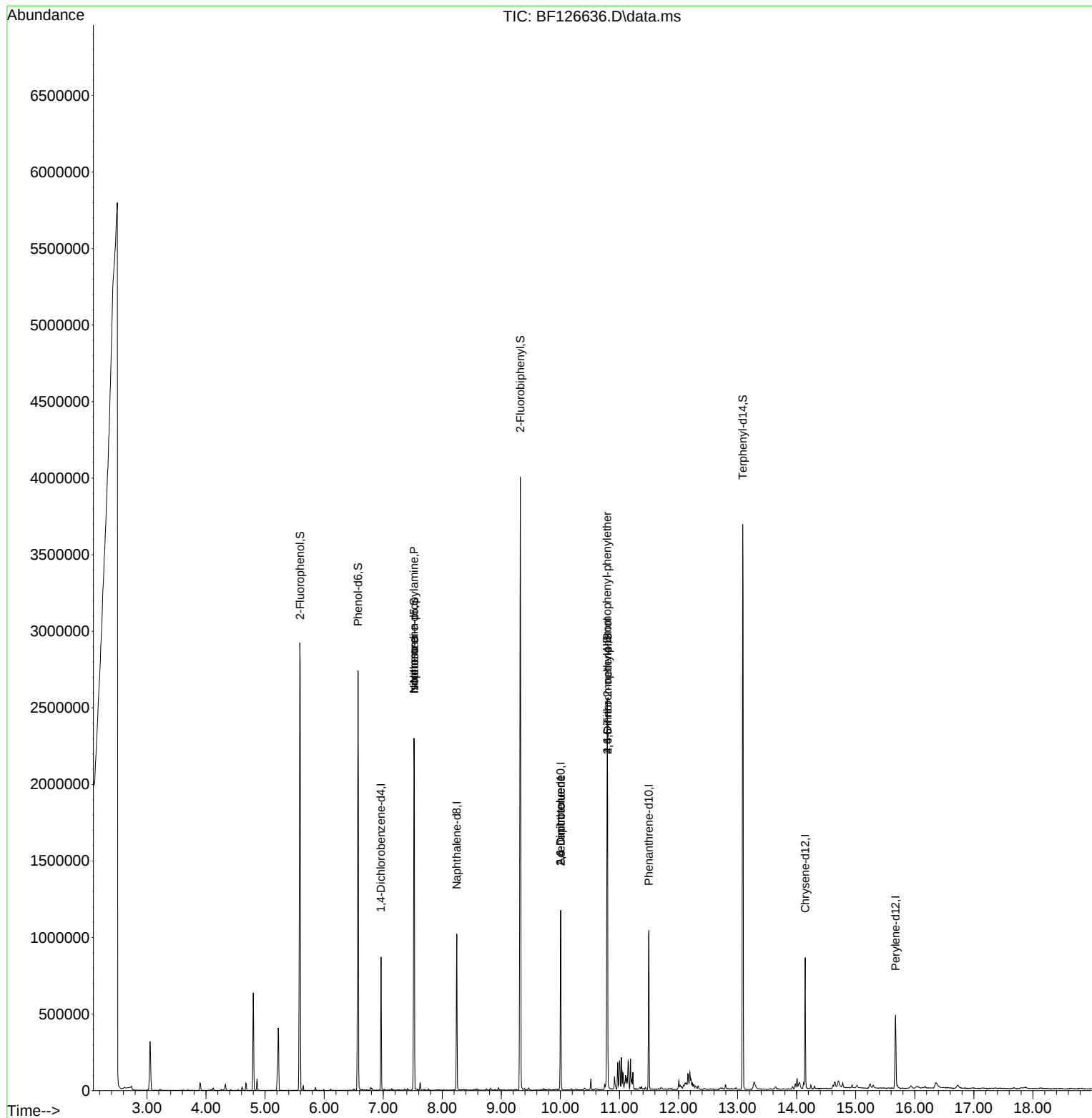
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	99885	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	383509	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	209285	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	352734	20.000	ng	0.00
76) Chrysene-d12	14.145	240	262196	20.000	ng	# 0.00
86) Perylene-d12	15.674	264	222391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	811416	106.897	ng	0.01
7) Phenol-d6	6.575	99	969766	91.953	ng	0.00
23) Nitrobenzene-d5	7.522	82	914486	93.333	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	261313	133.419	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1134501	83.020	ng	0.00
79) Terphenyl-d14	13.086	244	1268060	81.118	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.522	77	311	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.522	70	128878	16.744	ng	# 69
25) Isophorone	7.522	82	914465	48.125	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	27013	10.532	ng	# 21
57) 2,4-Dinitrotoluene	10.004	165	27013	8.691	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.798	198	655	7.700	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	17408	4.282	ng	# 1

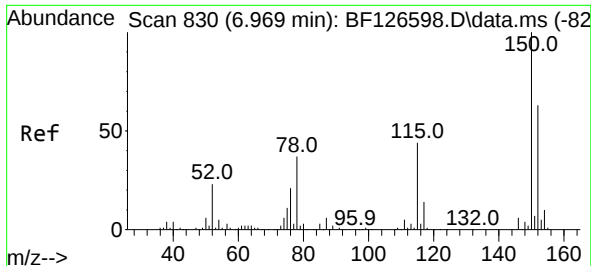
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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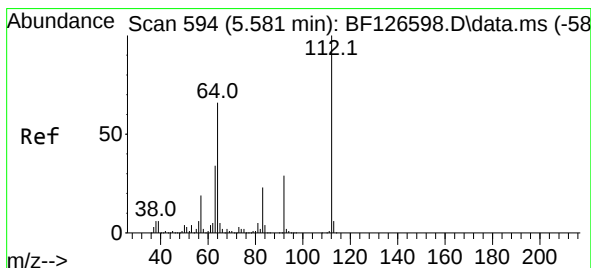
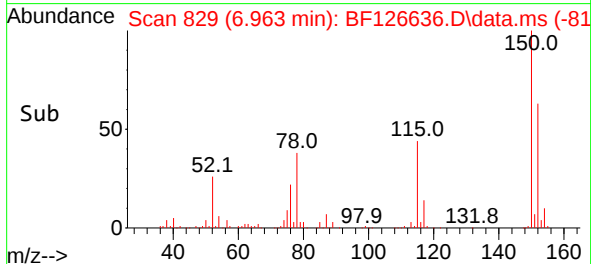
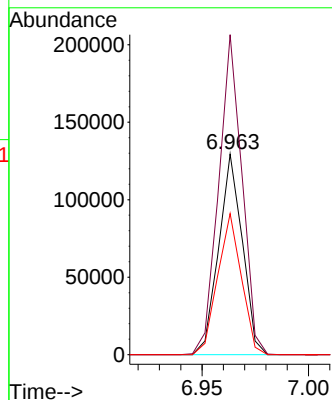
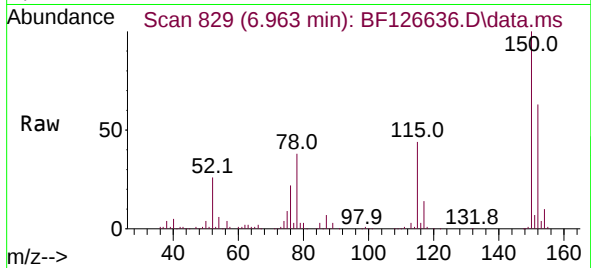




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

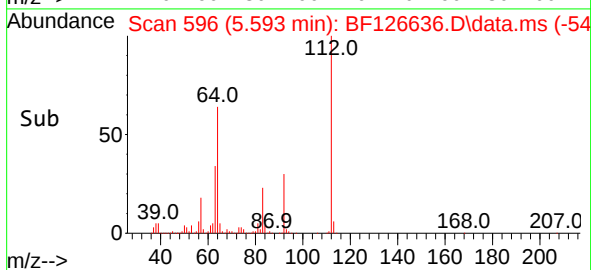
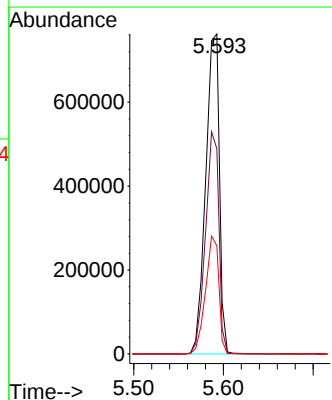
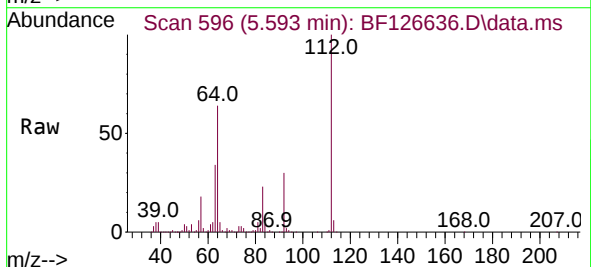
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

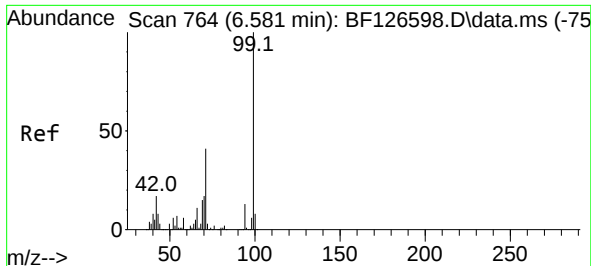
Tgt Ion:152 Resp: 99885
Ion Ratio Lower Upper
152 100
150 159.5 128.1 192.1
115 70.3 56.7 85.1



#5
2-Fluorophenol
Concen: 106.897 ng
RT: 5.593 min Scan# 596
Delta R.T. 0.012 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

Tgt Ion:112 Resp: 811416
Ion Ratio Lower Upper
112 100
64 64.2 49.5 74.3
63 33.8 23.9 35.9





#7

Phenol-d6

Concen: 91.953 ng

RT: 6.575 min Scan# 7

Delta R.T. -0.006 min

Lab File: BF126636.D

Acq: 24 Jan 2022 14:03

Instrument :

BNA_F

ClientSampleId :

EAST-BOILER-PIT-WASTE-CLASS

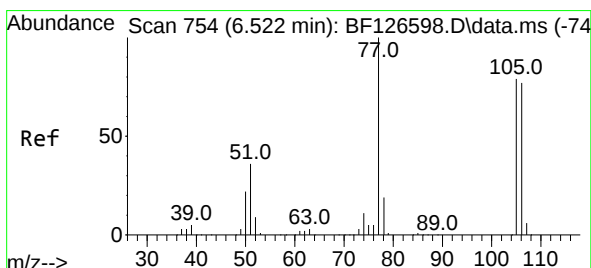
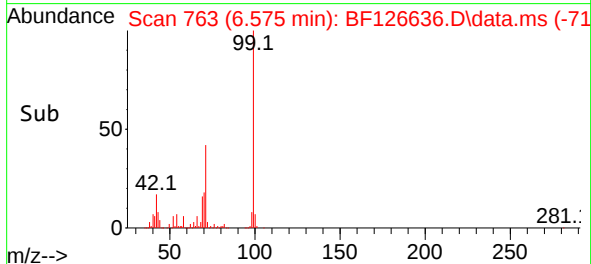
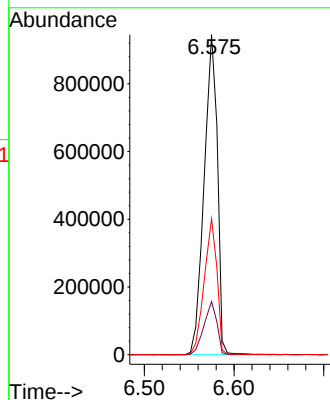
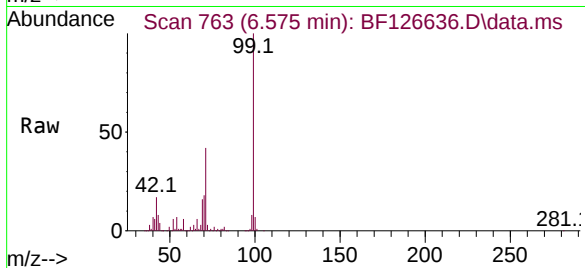
Tgt Ion: 99 Resp: 969766

Ion Ratio Lower Upper

99 100

42 16.6 14.2 21.4

71 42.4 24.3 36.5#



#9

Benzaldehyde

Concen: Below Cal

RT: 6.522 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF126636.D

Acq: 24 Jan 2022 14:03

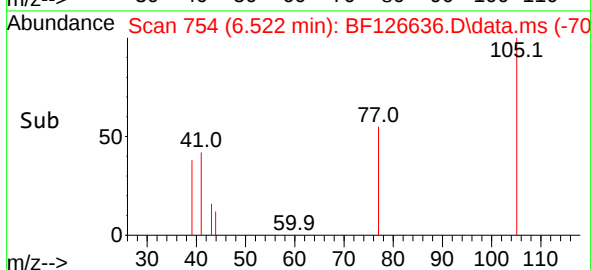
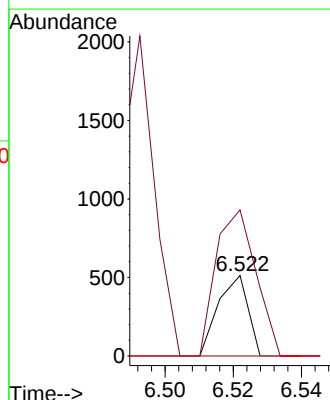
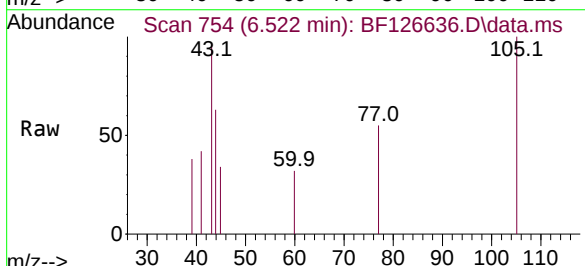
Tgt Ion: 77 Resp: 311

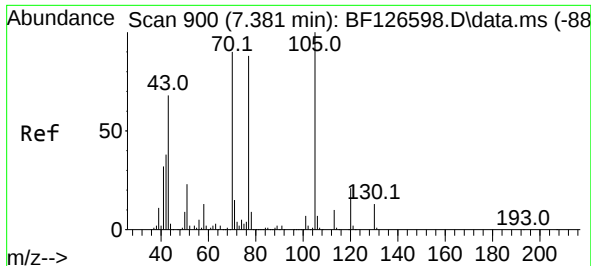
Ion Ratio Lower Upper

77 100

105 181.3 74.9 114.9#

106 0.0 72.4 112.4#





#19

n-Nitroso-di-n-propylamine

Concen: 16.744 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.141 min

Lab File: BF126636.D

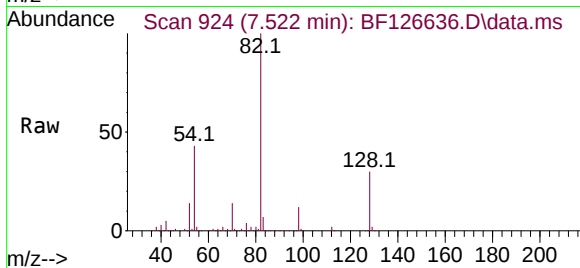
Acq: 24 Jan 2022 14:03

Instrument :

BNA_F

ClientSampleId :

EAST-BOILER-PIT-WASTE-CLASS



Tgt Ion: 70 Resp: 128878

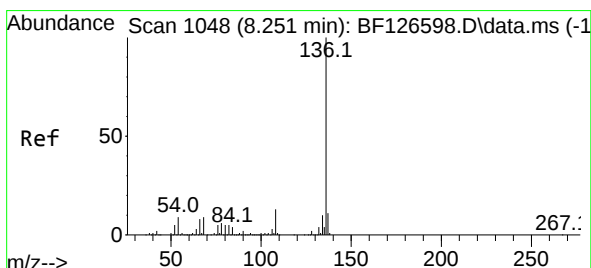
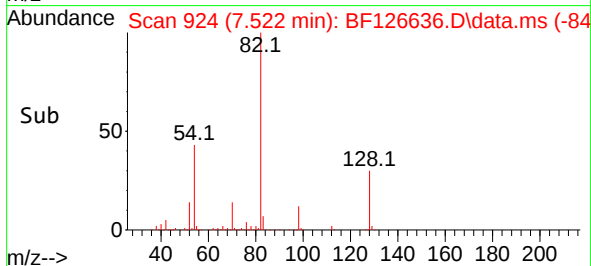
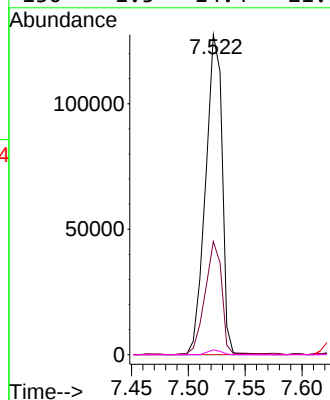
Ion Ratio Lower Upper

70 100

42 35.4 45.8 68.8#

101 0.0 6.9 10.3#

130 1.5 14.4 21.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BF126636.D

Acq: 24 Jan 2022 14:03

Tgt Ion: 136 Resp: 383509

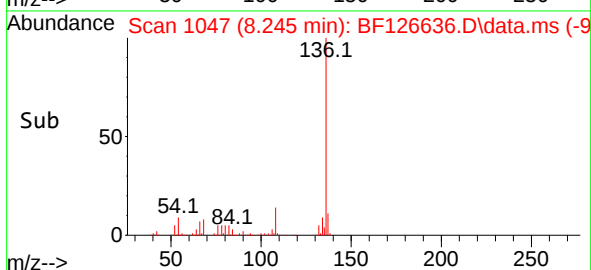
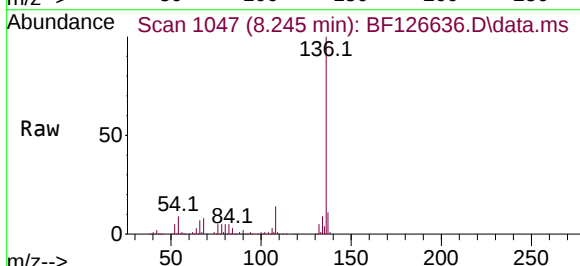
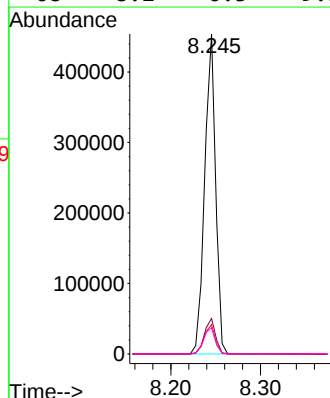
Ion Ratio Lower Upper

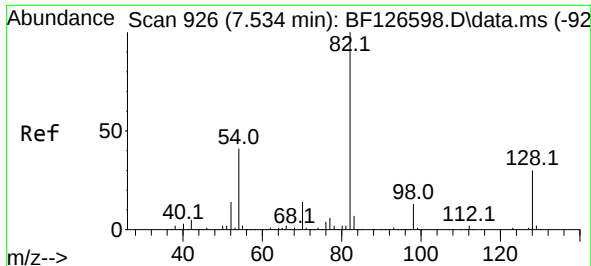
136 100

137 11.1 8.6 13.0

54 9.2 7.8 11.6

68 8.2 6.3 9.5

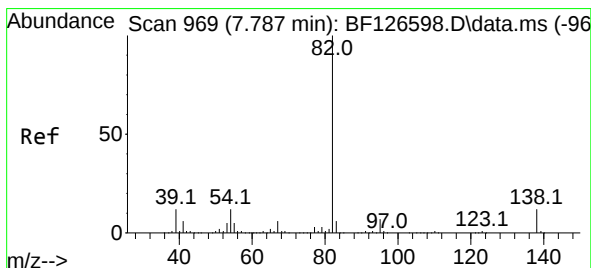
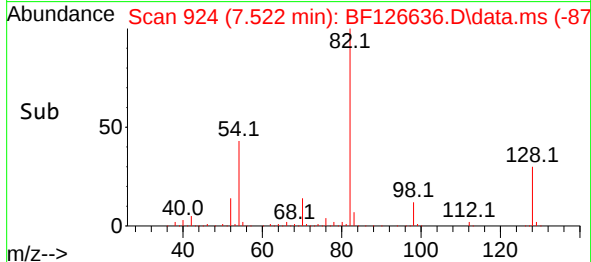
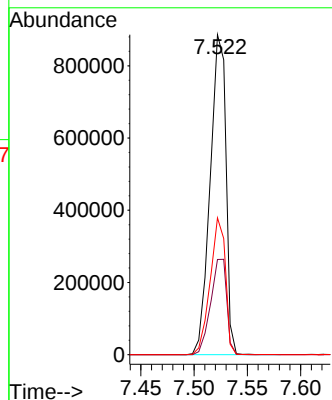
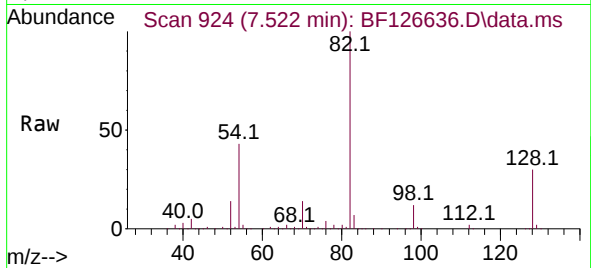




#23
Nitrobenzene-d5
Concen: 93.333 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

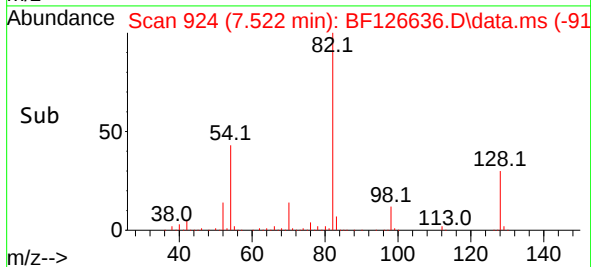
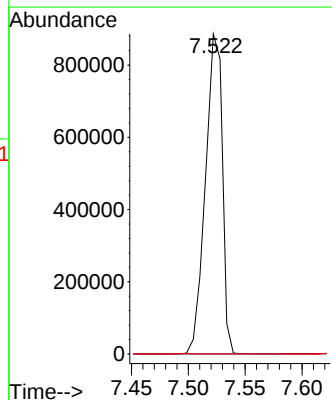
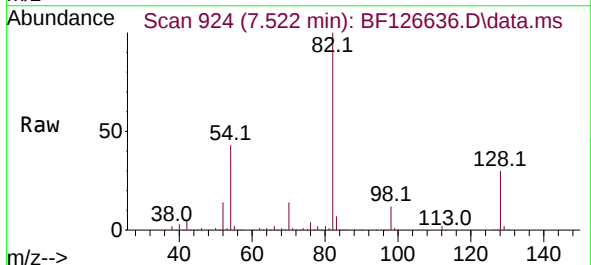
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

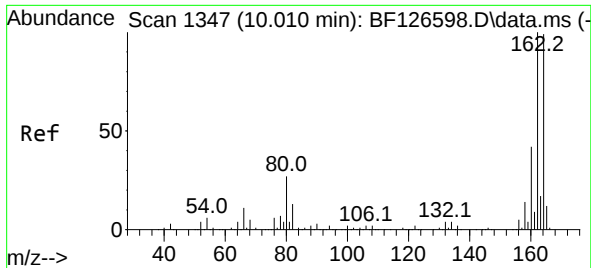
Tgt Ion: 82 Resp: 914486
Ion Ratio Lower Upper
82 100
128 29.8 32.7 49.1#
54 42.8 41.7 62.5



#25
Isophorone
Concen: 48.125 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

Tgt Ion: 82 Resp: 914465
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

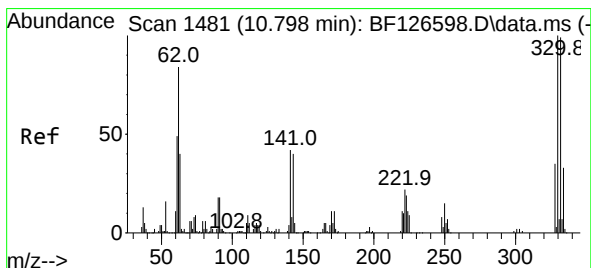
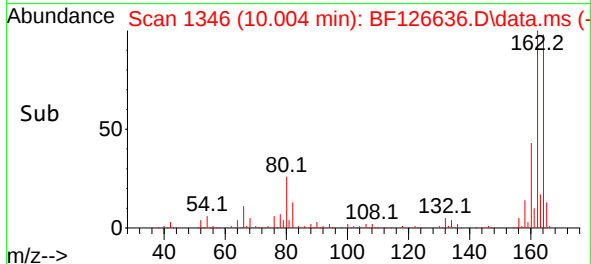
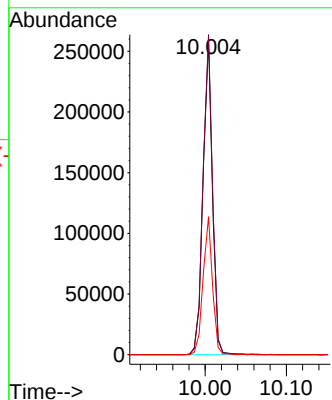
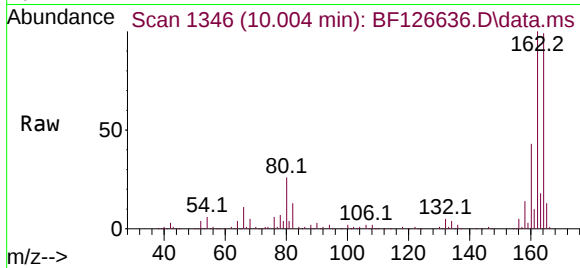




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

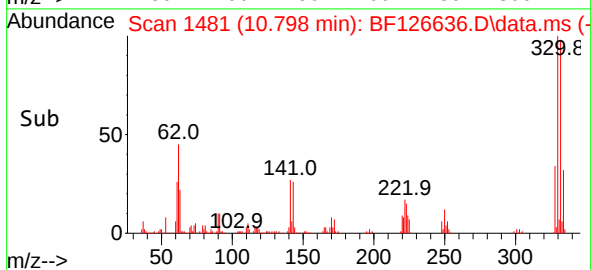
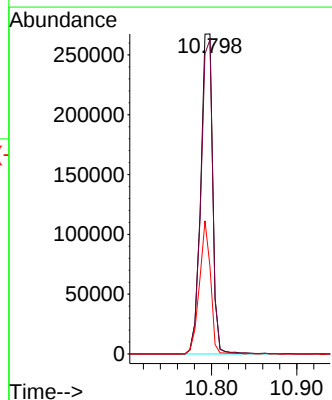
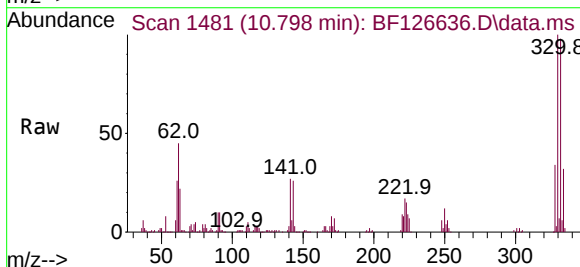
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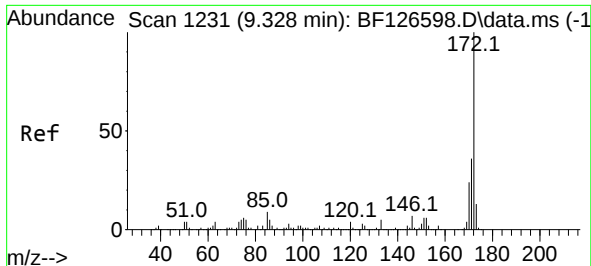
Tgt Ion:164 Resp: 209285
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 43.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 133.419 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

Tgt Ion:330 Resp: 261313
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 38.3 30.1 45.1

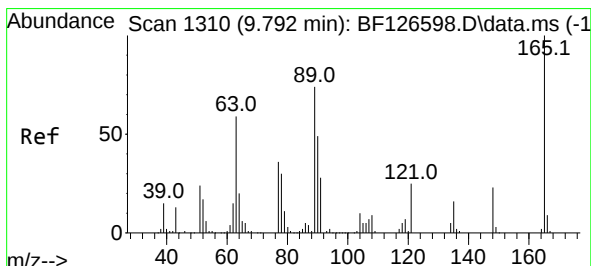
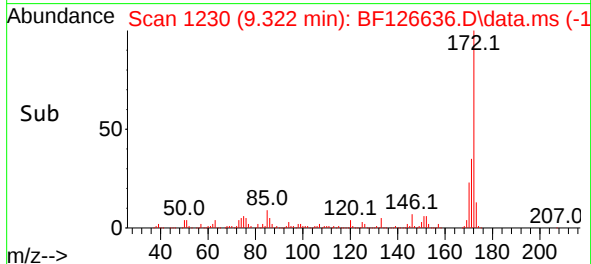
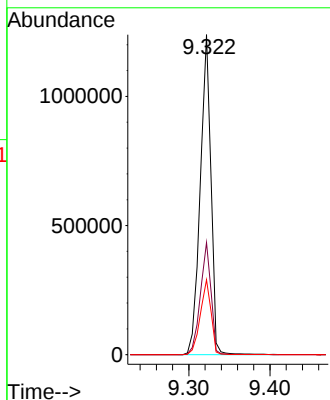
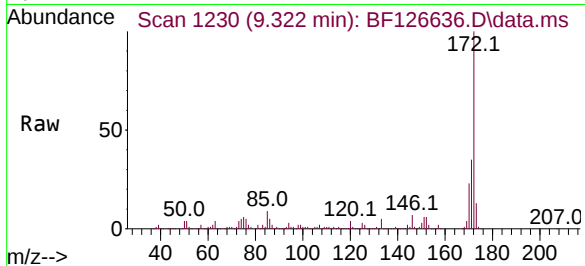




#45
2-Fluorobiphenyl
Concen: 83.020 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

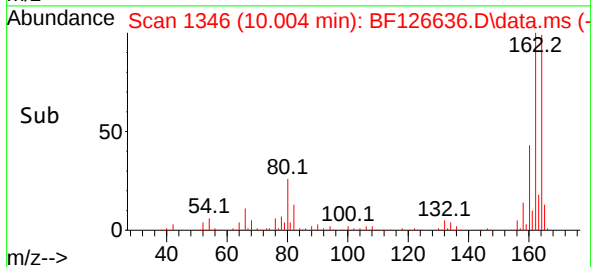
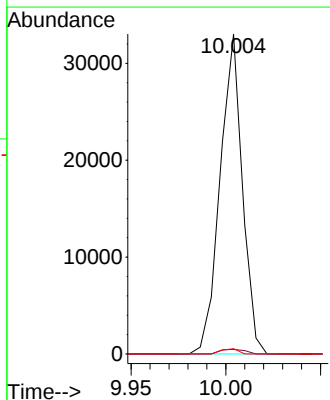
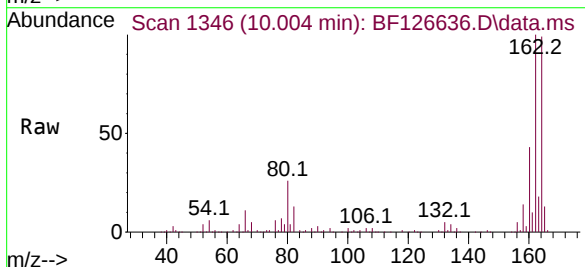
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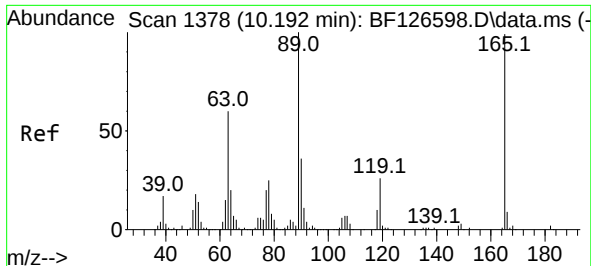
Tgt Ion:172 Resp: 1134501
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.4 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 10.532 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.212 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

Tgt Ion:165 Resp: 27013
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.6 50.5 75.7#

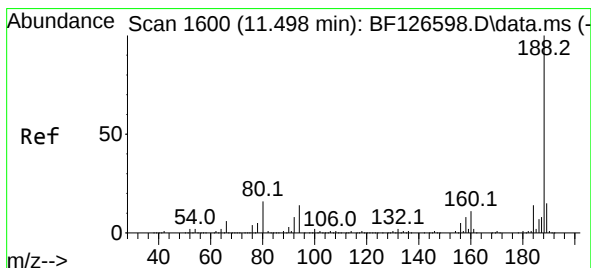
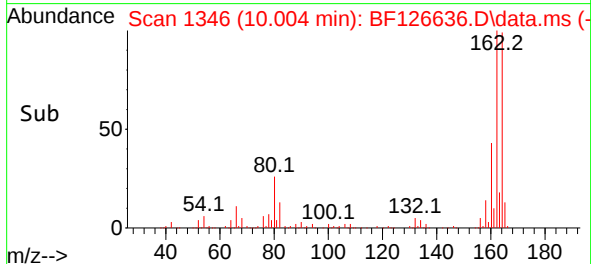
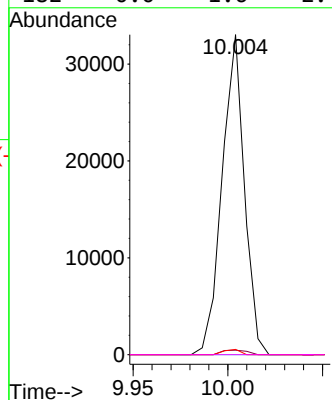
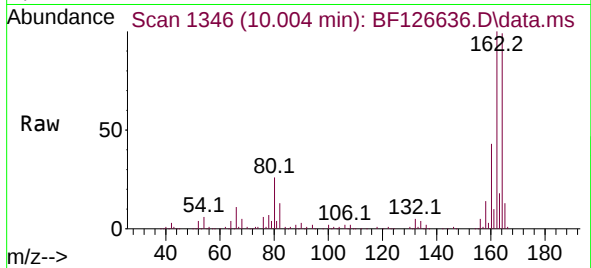




#57
2,4-Dinitrotoluene
Concen: 8.691 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

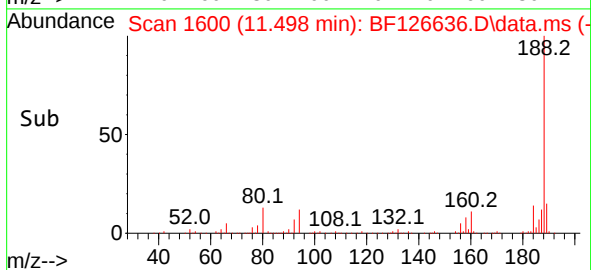
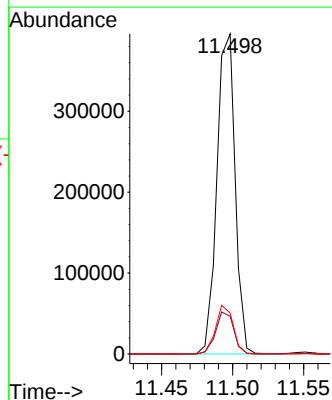
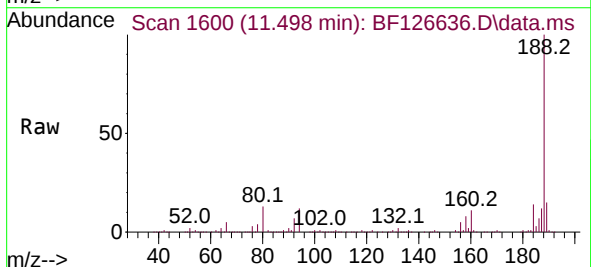
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

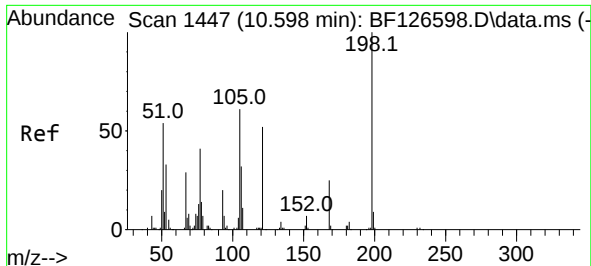
Tgt Ion:165 Resp: 27013
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.6 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

Tgt Ion:188 Resp: 352734
Ion Ratio Lower Upper
188 100
94 11.8 10.1 15.1
80 12.8 11.8 17.6

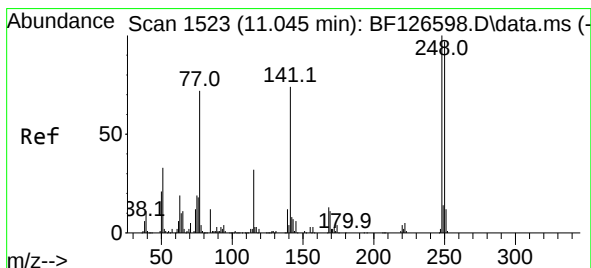
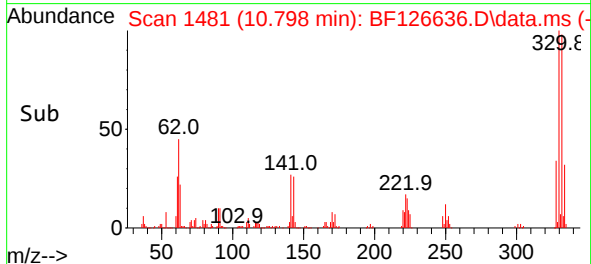
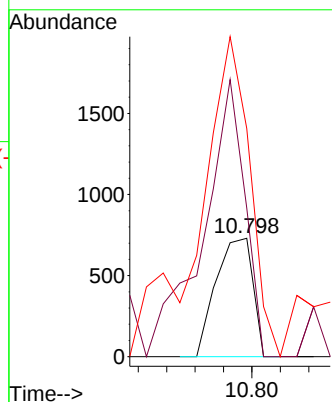
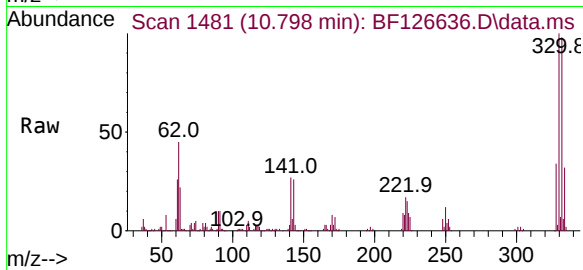




#65
4,6-Dinitro-2-methylphenol
Concen: 7.700 ng
RT: 10.798 min Scan# 1447
Delta R.T. 0.200 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

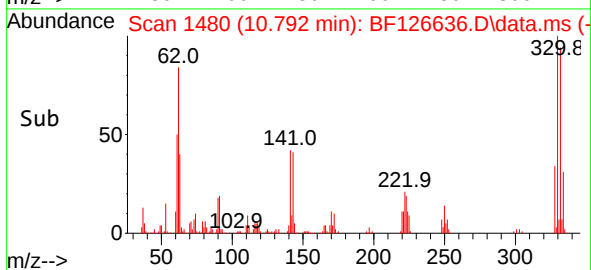
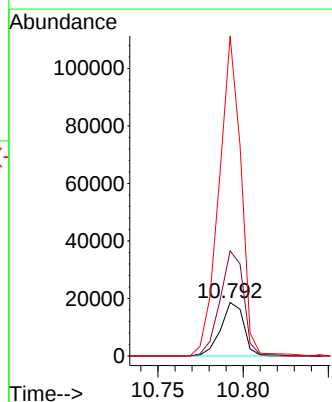
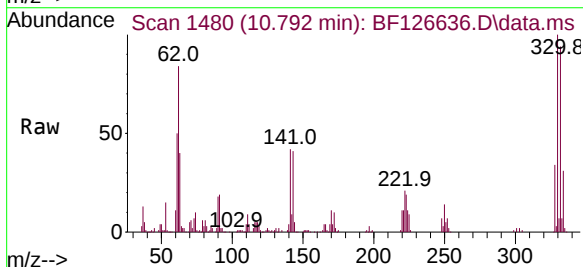
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

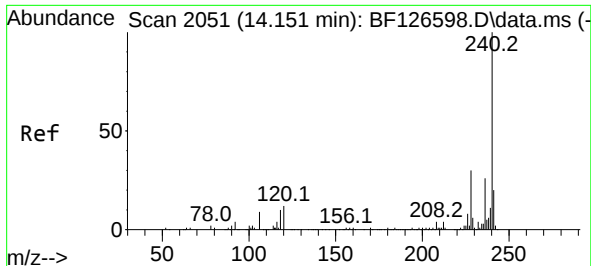
Tgt Ion:198 Resp: 655
Ion Ratio Lower Upper
198 100
51 125.6 32.0 72.0#
105 192.7 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.282 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

Tgt Ion:248 Resp: 17408
Ion Ratio Lower Upper
248 100
250 196.4 76.2 114.4#
141 598.3 66.2 99.4#

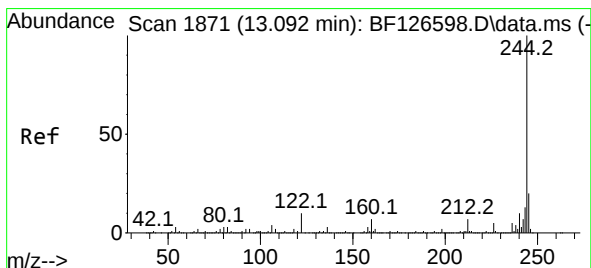
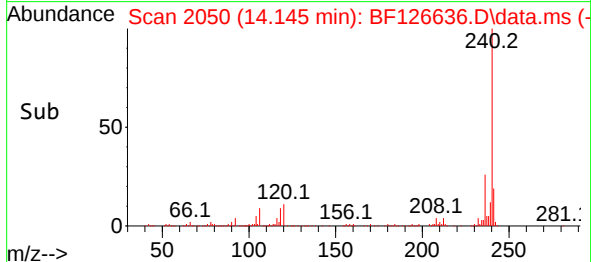
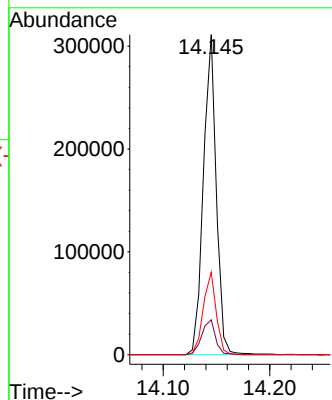
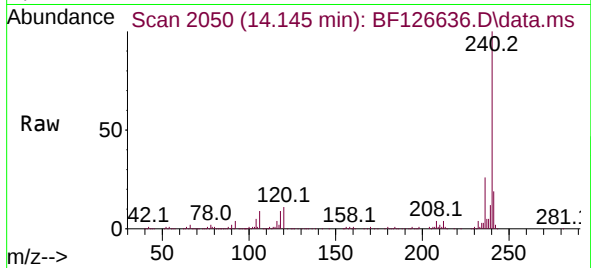




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

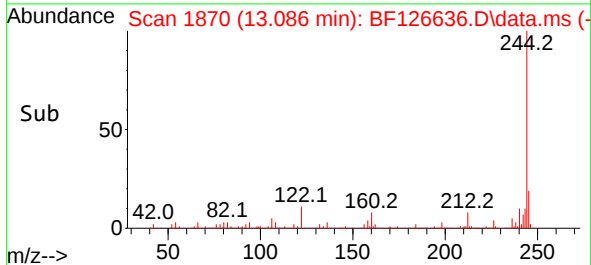
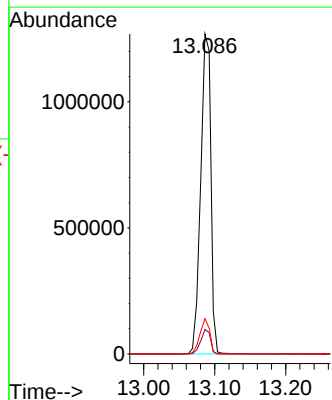
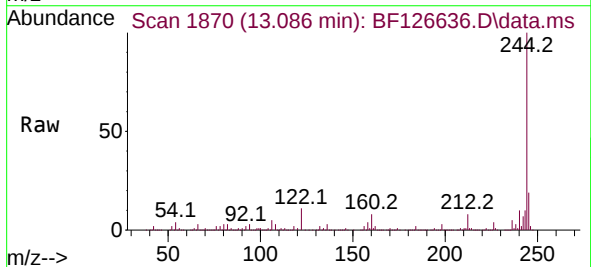
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

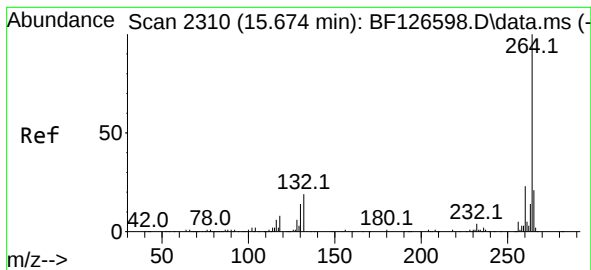
Tgt Ion:240 Resp: 262196
Ion Ratio Lower Upper
240 100
120 10.9 14.4 21.6#
236 25.8 20.5 30.7



#79
Terphenyl-d14
Concen: 81.118 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

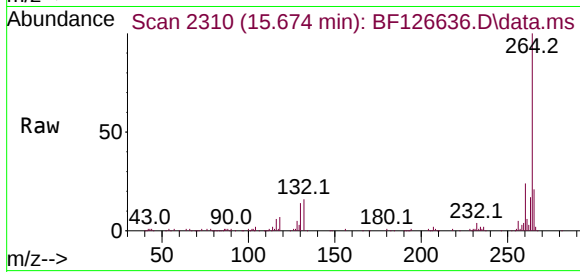
Tgt Ion:244 Resp: 1268060
Ion Ratio Lower Upper
244 100
212 7.7 5.0 7.4#
122 11.0 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS



Tgt Ion:264 Resp: 222391

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.6	17.4	26.2

