

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 14:35:20 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

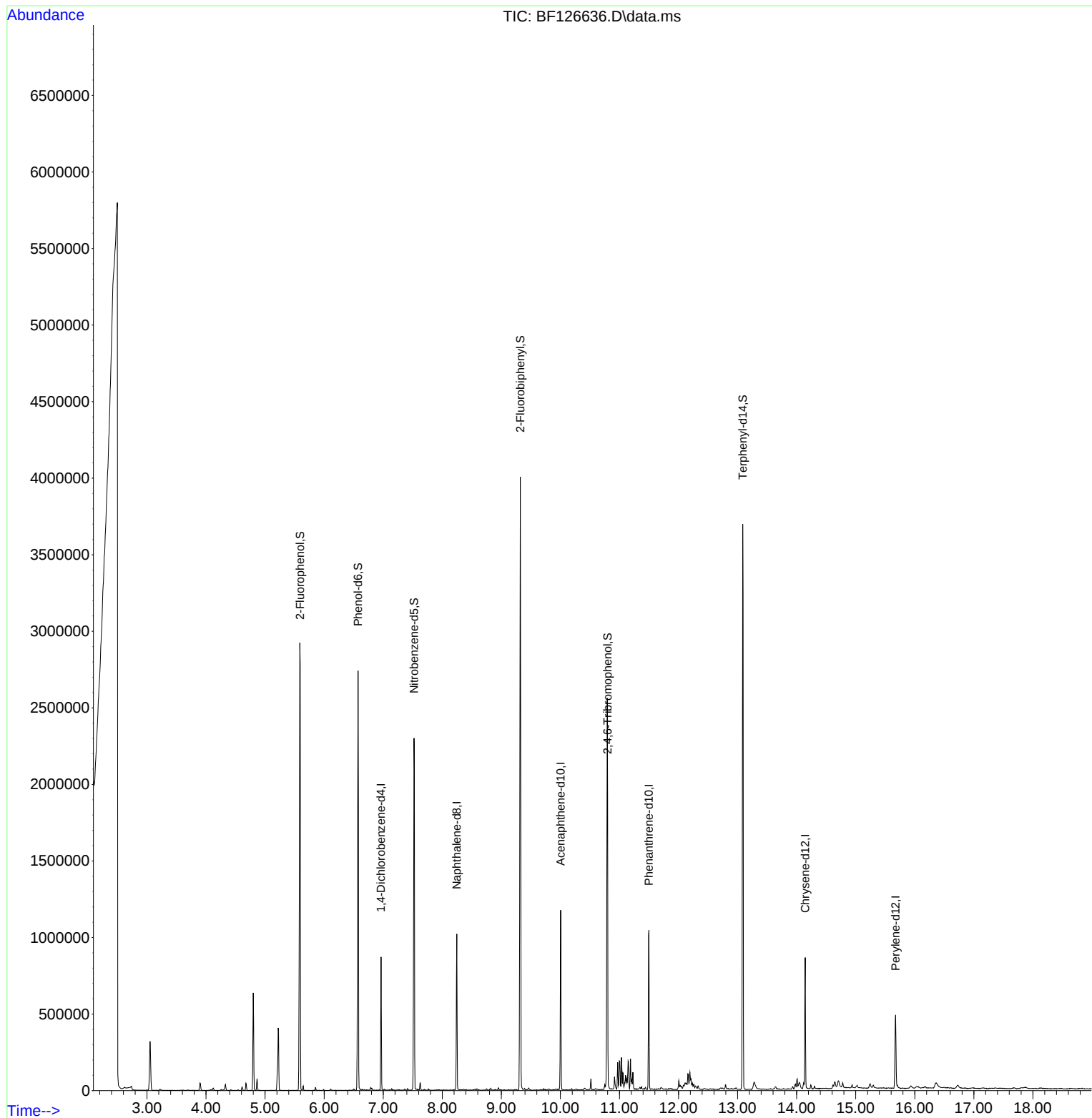
Target Compounds	Qvalue

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

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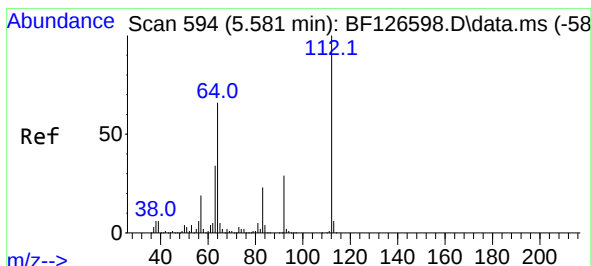
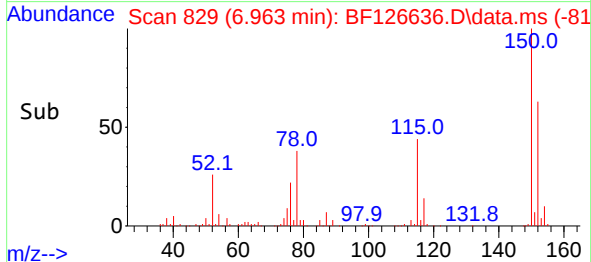
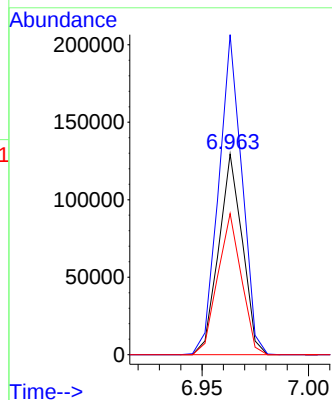
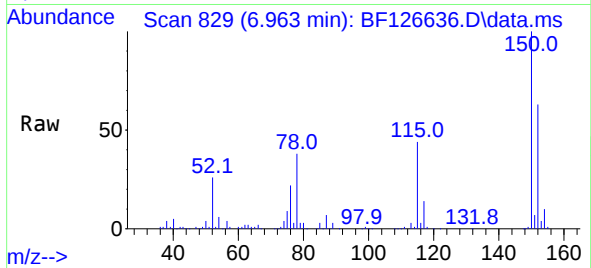




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

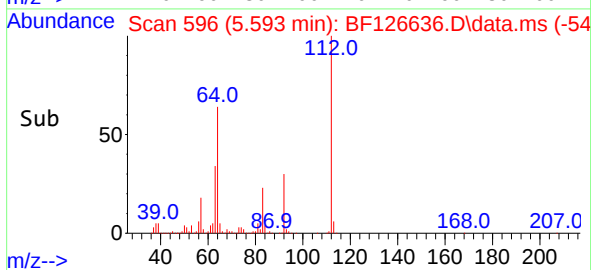
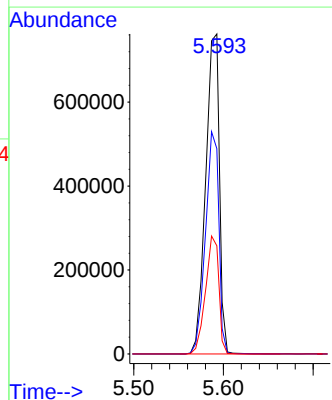
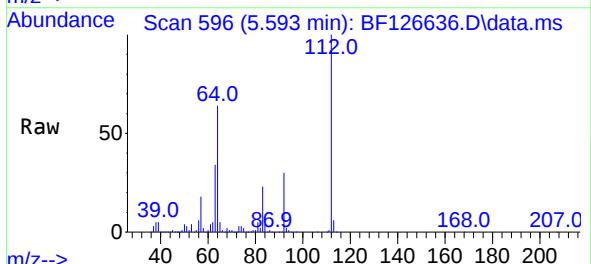
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

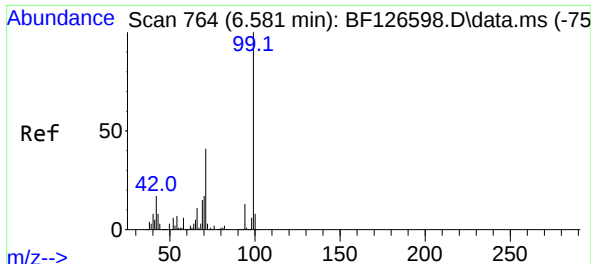
Tgt Ion:152 Resp: 99885
Ion Ratio Lower Upper
152 100
150 159.5 128.1 192.1
115 70.3 56.7 85.1



#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

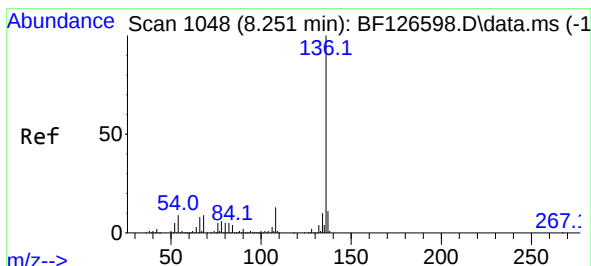
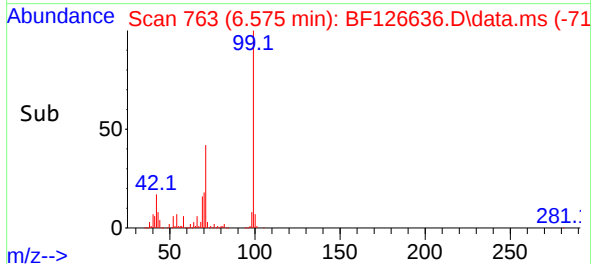
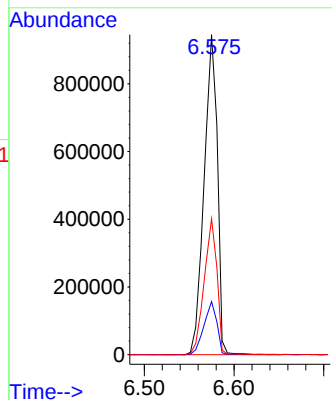
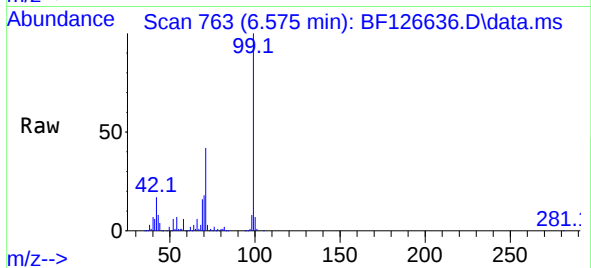




#7
Phenol-d6
Concen: 91.953 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

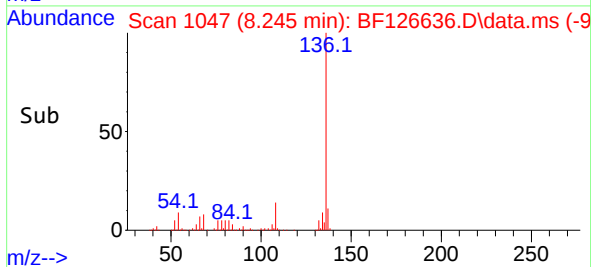
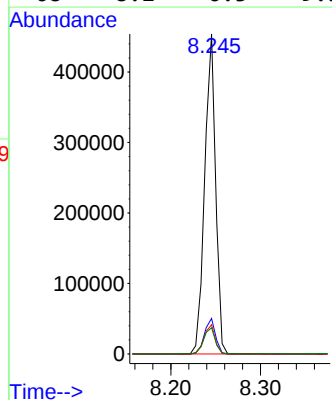
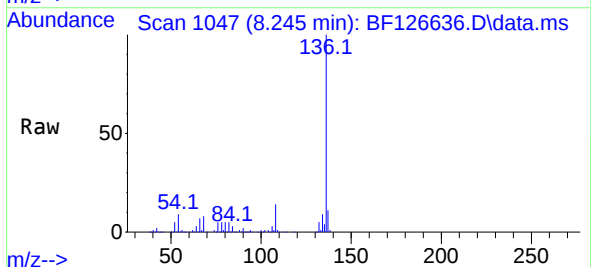
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

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#



#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

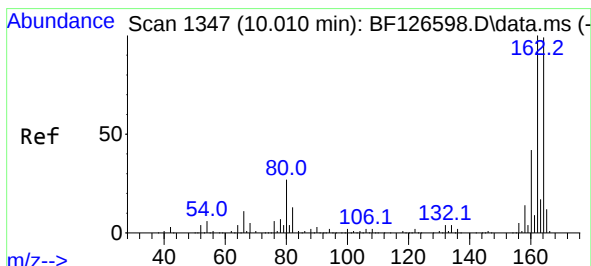
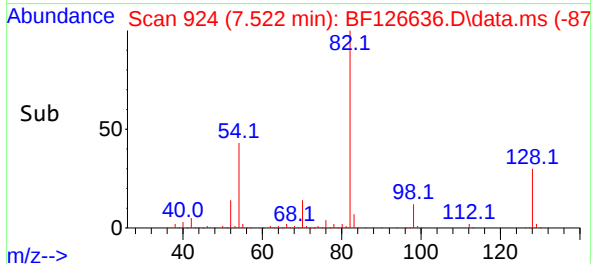
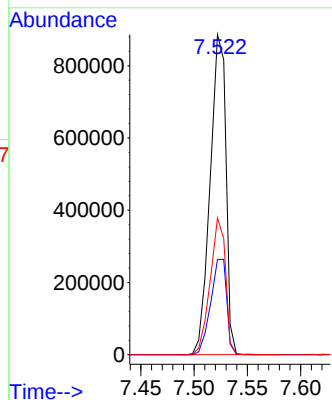
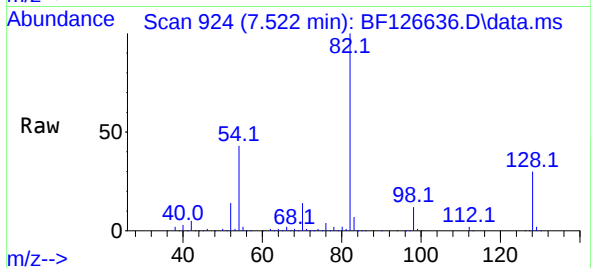




#23
Nitrobenzene-d5
Concen: 93.333 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

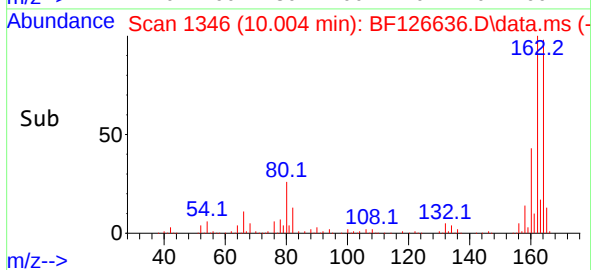
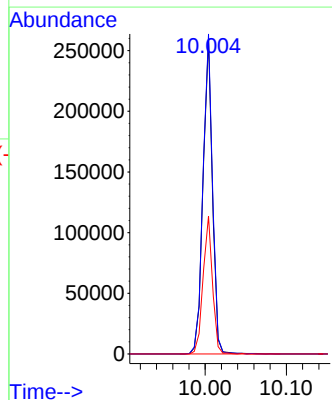
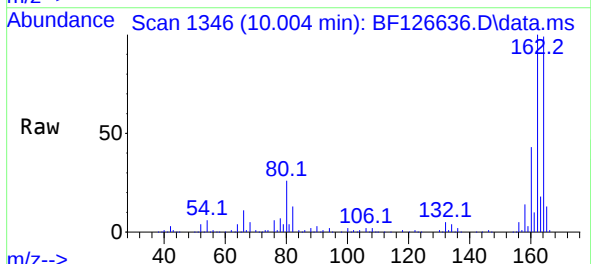
Instrument :
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ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

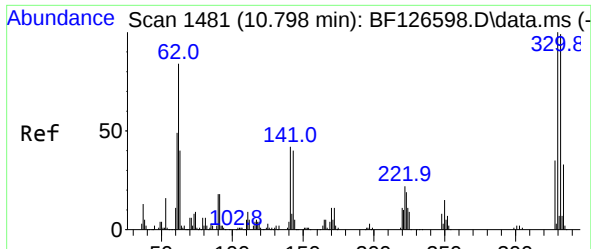
Tgt Ion: 82 Resp: 914486
Ion Ratio Lower Upper
82 100
128 29.8 32.7 49.1#
54 42.8 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

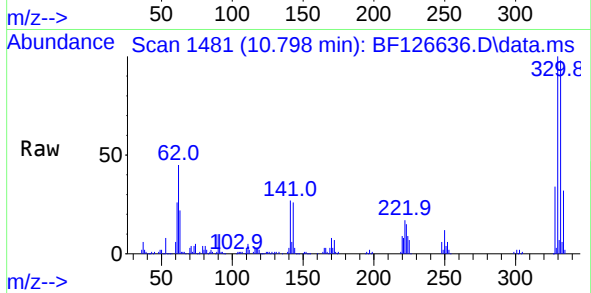
Tgt Ion:164 Resp: 209285
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 43.8 36.6 54.8



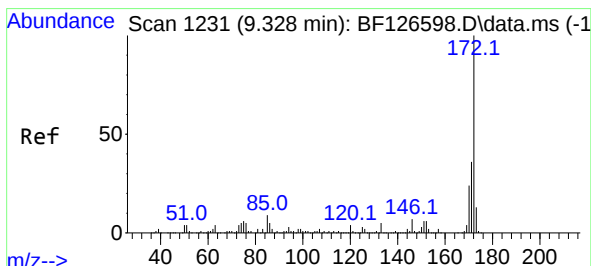
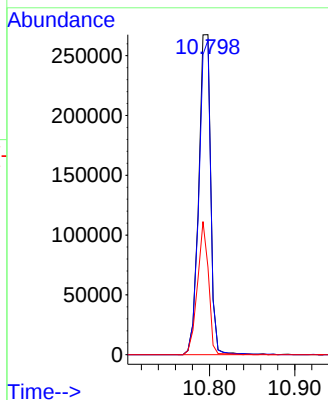
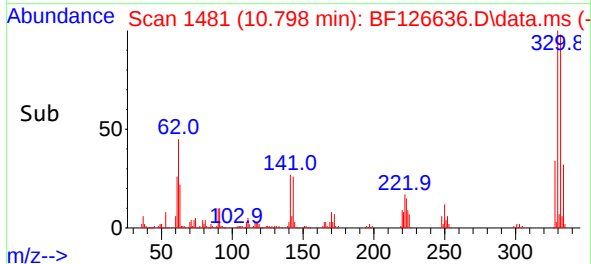


#42
2,4,6-Tribromophenol
Concen: 133.419 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

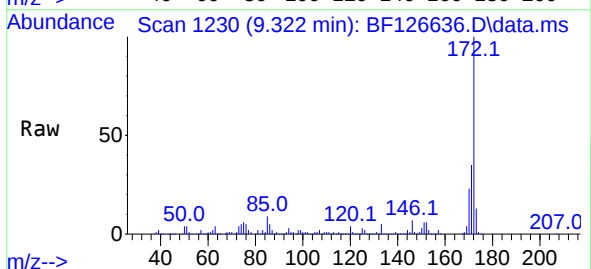
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS



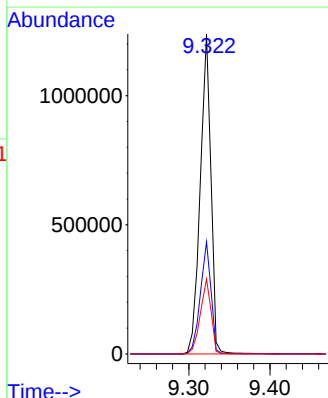
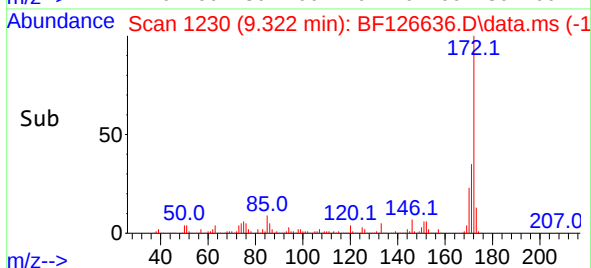
Tgt Ion:330 Resp: 261313
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 38.3 30.1 45.1

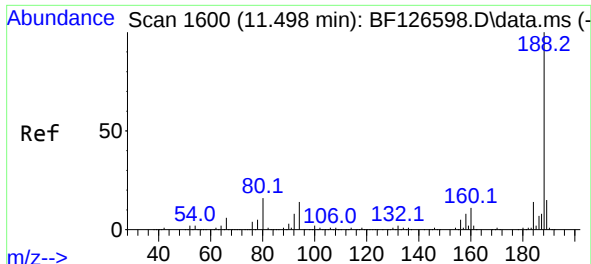


#45
2-Fluorobiphenyl
Concen: 83.020 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03



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

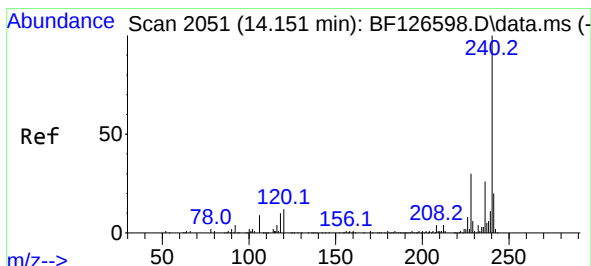
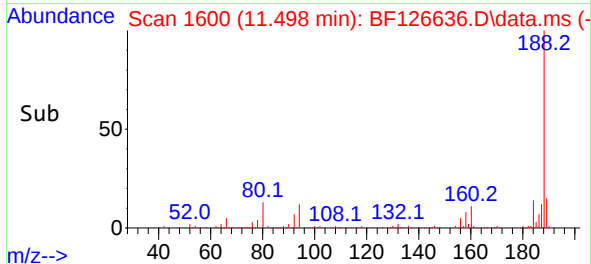
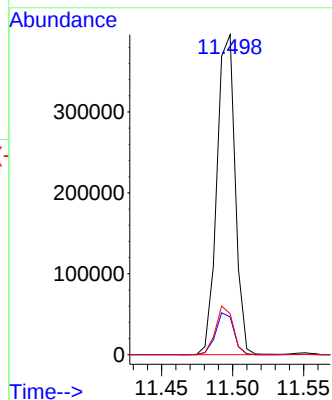
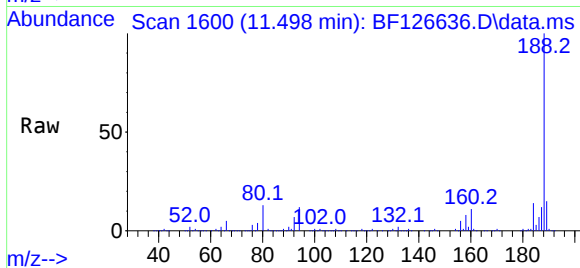




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126636.D
Acq: 24 Jan 2022 14:03

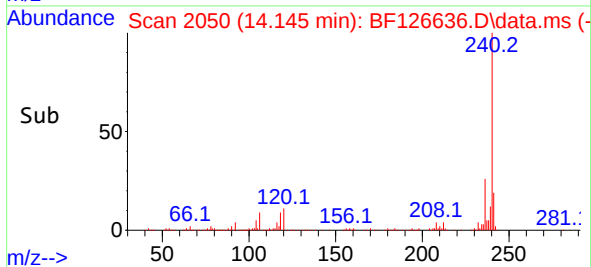
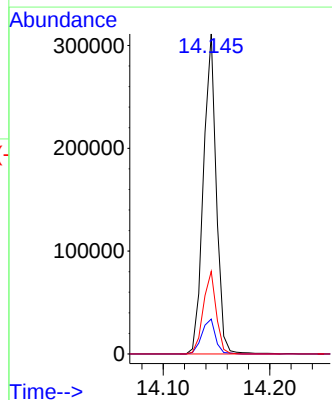
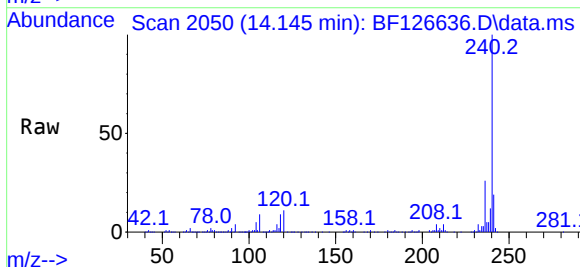
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Tgt Ion:188 Resp: 352734
Ion Ratio Lower Upper
188 100
94 11.8 10.1 15.1
80 12.8 11.8 17.6



#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

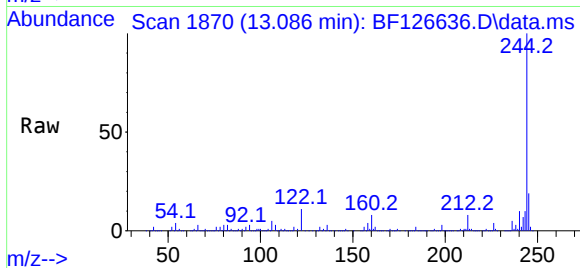
Tgt Ion:240 Resp: 262196
Ion Ratio Lower Upper
240 100
120 10.9 14.4 21.6#
236 25.8 20.5 30.7



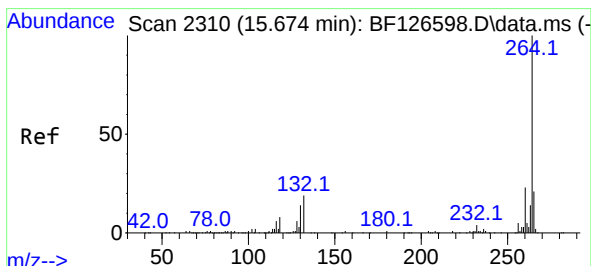
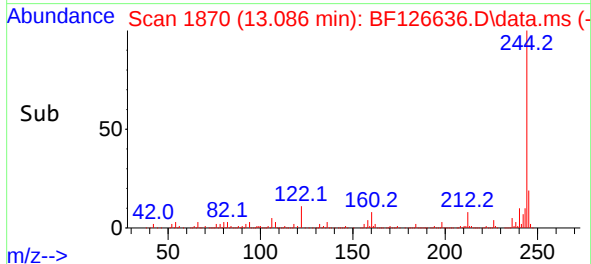
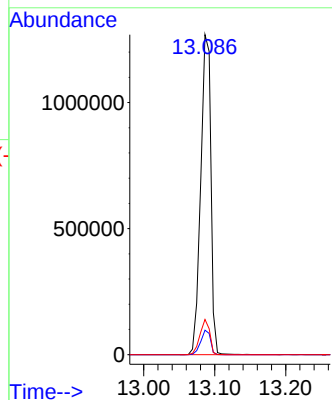


#79
 Terphenyl-d14
 Concen: 81.118 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126636.D
 Acq: 24 Jan 2022 14:03

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



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# 2310
 Delta R.T. 0.000 min
 Lab File: BF126636.D
 Acq: 24 Jan 2022 14:03

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

