

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
 Data File : BP008885.D
 Acq On : 24 Jan 2022 14:14
 Operator : CG/JU
 Sample : N1218-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jan 24 14:50:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 14 18:05:00 2022
 Response via : Initial Calibration

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

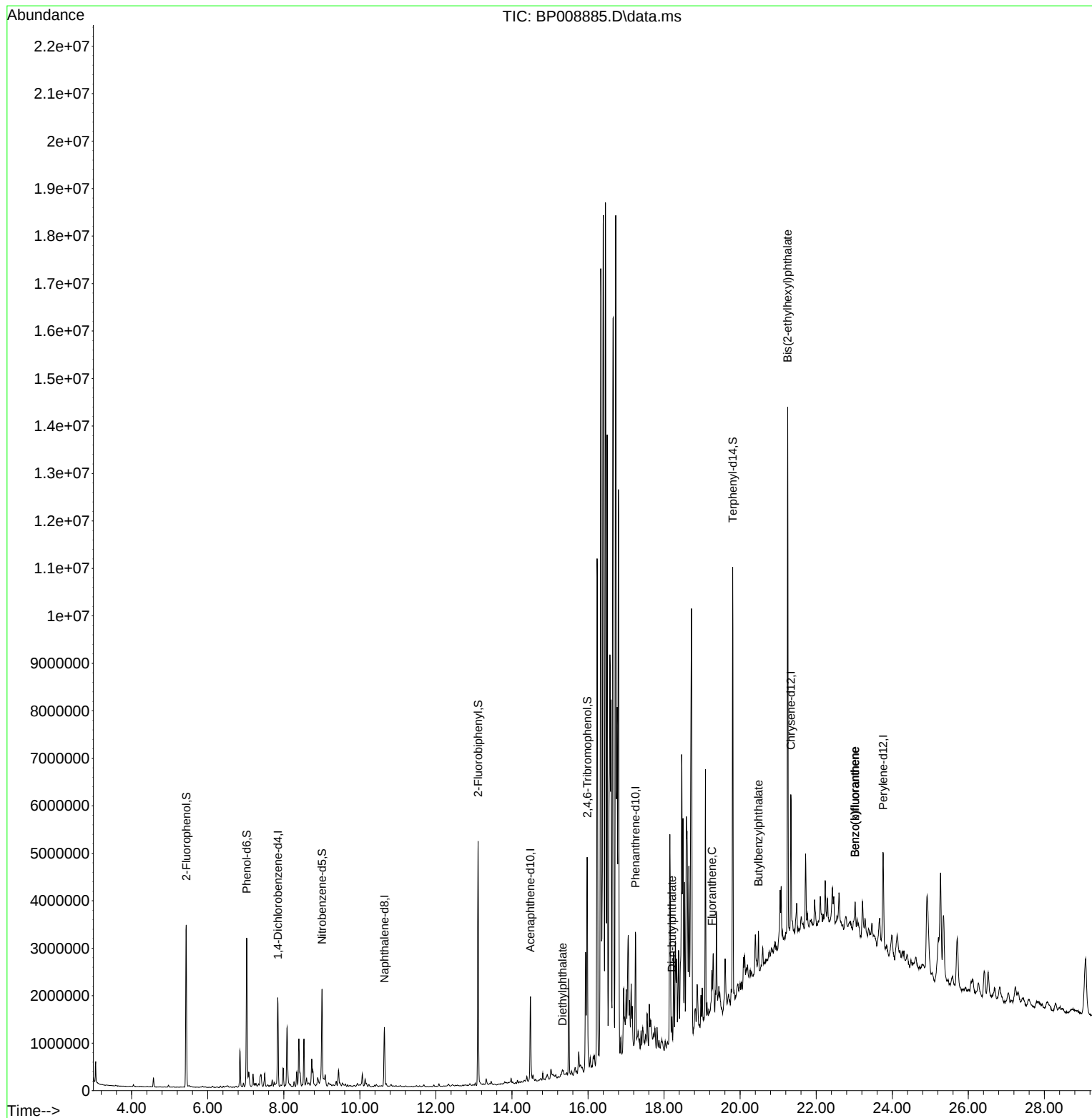
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	305941	20.000	ng	-0.01
21) Naphthalene-d8	10.646	136	1104432	20.000	ng	-0.01
39) Acenaphthene-d10	14.487	164	673574	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	1251604	20.000	ng	0.00
76) Chrysene-d12	21.333	240	1411302	20.000	ng	-0.01
86) Perylene-d12	23.763	264	1574754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1662098	84.013	ng	0.00
7) Phenol-d6	7.022	99	1983731	82.804	ng	-0.01
23) Nitrobenzene-d5	9.005	82	1244797	63.989	ng	-0.01
42) 2,4,6-Tribromophenol	15.981	330	845993	86.286	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	3039747	59.513	ng	-0.01
79) Terphenyl-d14	19.804	244	4351193	52.041	ng	-0.01
Target Compounds						
						Qvalue
60) Diethylphthalate	15.328	149	109312	2.303	ng	98
74) Di-n-butylphthalate	18.204	149	331042	4.525	ng	99
75) Fluoranthene	19.257	202	190471	2.431	ng	97
80) Butylbenzylphthalate	20.481	149	236523	5.972	ng	93
84) Bis(2-ethylhexyl)phtha...	21.251	149	4565201	74.433	ng	99
88) Benzo(b)fluoranthene	23.022	252	239679	2.279	ng	# 41
89) Benzo(k)fluoranthene	23.022	252	239679	2.354	ng	# 42

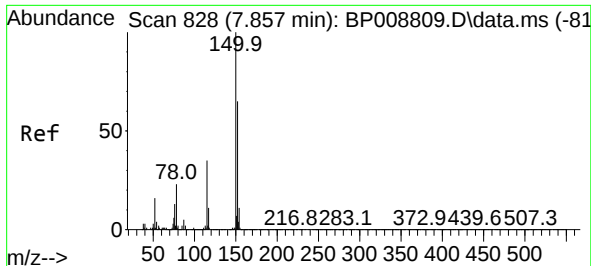
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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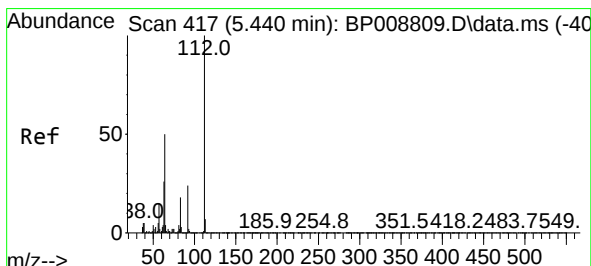
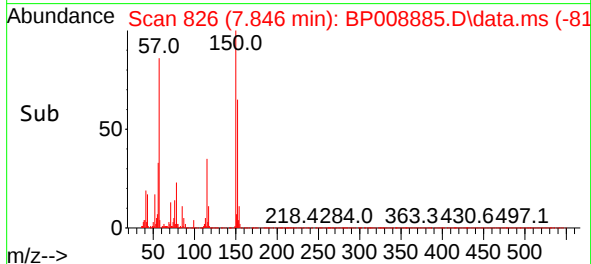
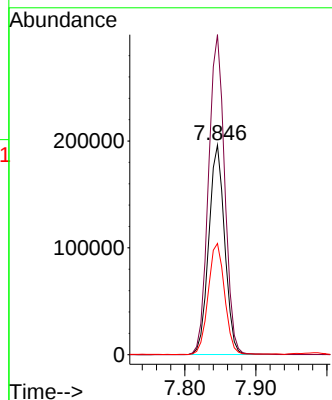
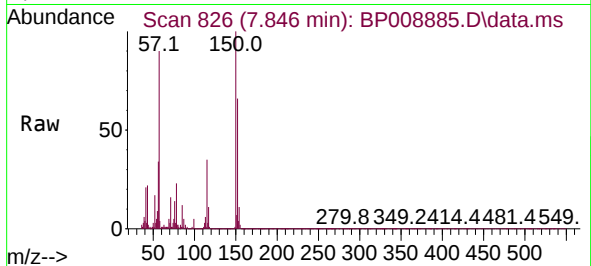




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008885.D
Acq: 24 Jan 2022 14:14

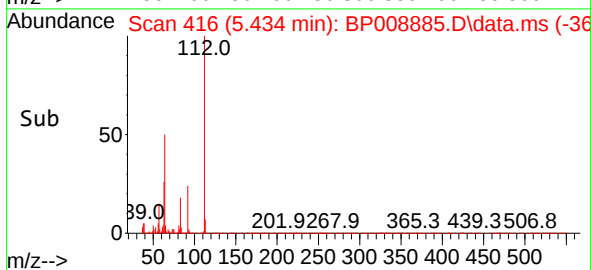
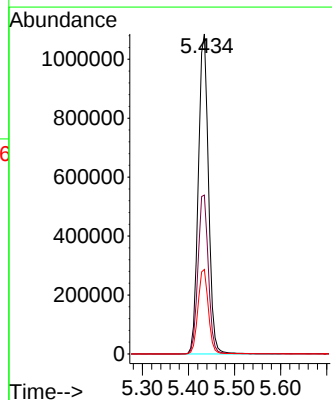
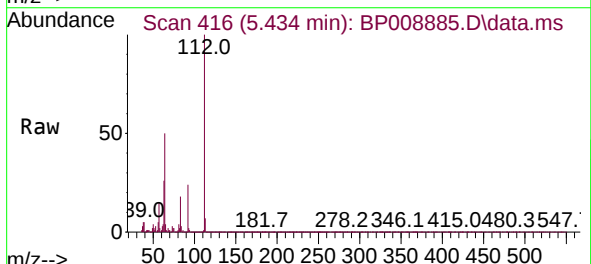
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BNA_P
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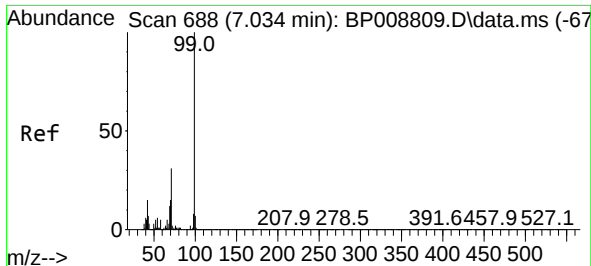
Tgt Ion:152 Resp: 305941
Ion Ratio Lower Upper
152 100
150 152.6 127.0 190.6
115 53.1 43.7 65.5



#5
2-Fluorophenol
Concen: 84.013 ng
RT: 5.434 min Scan# 416
Delta R.T. -0.005 min
Lab File: BP008885.D
Acq: 24 Jan 2022 14:14

Tgt Ion:112 Resp: 1662098
Ion Ratio Lower Upper
112 100
64 49.6 39.7 59.5
63 26.4 20.0 30.0

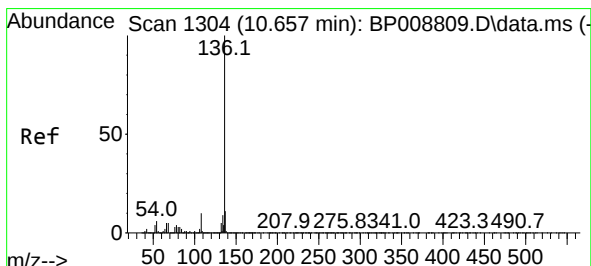
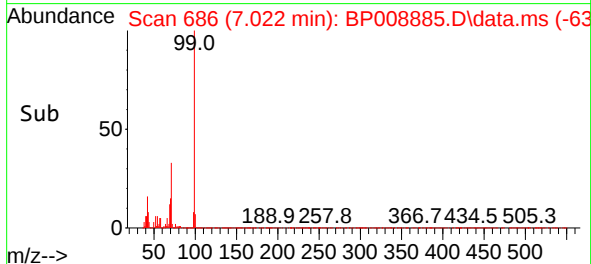
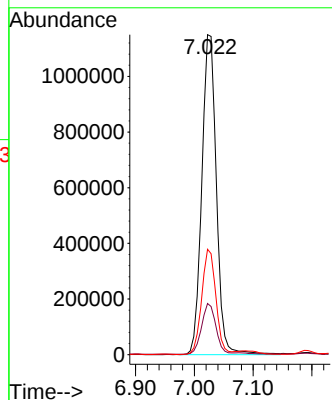
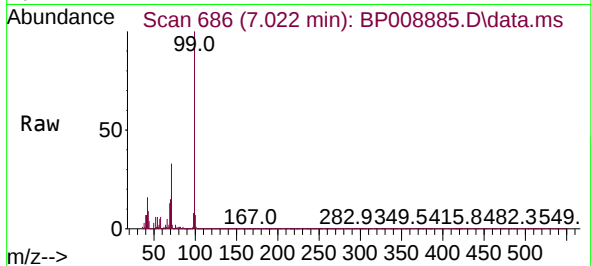




#7
Phenol-d6
Concen: 82.804 ng
RT: 7.022 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP008885.D
Acq: 24 Jan 2022 14:14

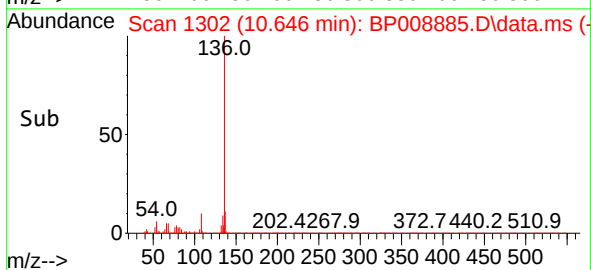
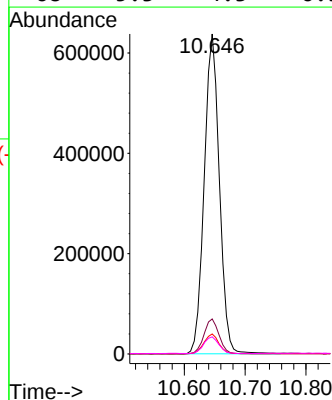
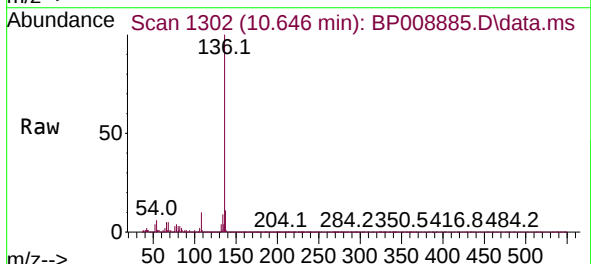
Instrument :
BNA_P
ClientSampleId :
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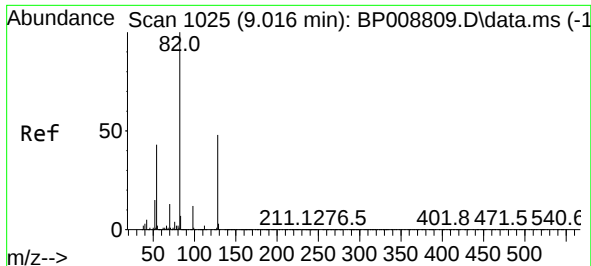
Tgt Ion: 99 Resp: 1983731
Ion Ratio Lower Upper
99 100
42 16.0 10.8 16.2
71 33.0 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1302
Delta R.T. -0.011 min
Lab File: BP008885.D
Acq: 24 Jan 2022 14:14

Tgt Ion: 136 Resp: 1104432
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.3 4.9 7.3
68 5.3 4.3 6.5

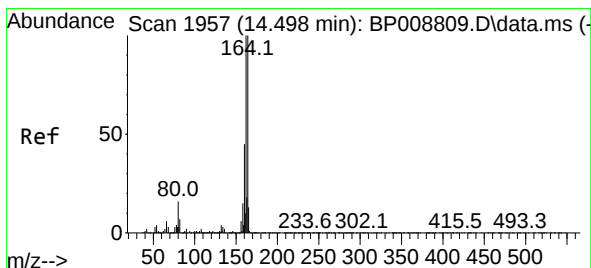
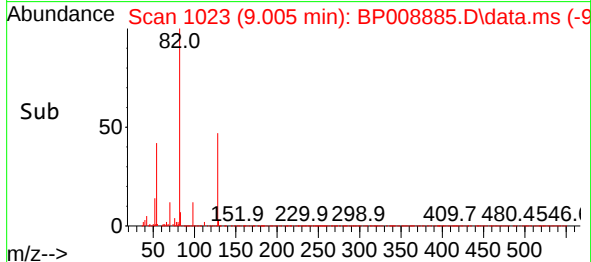
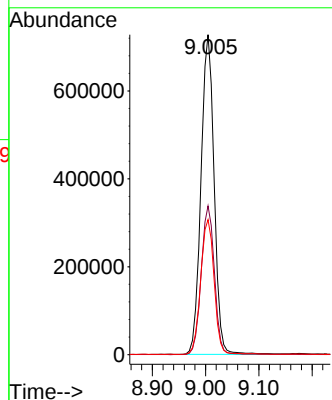
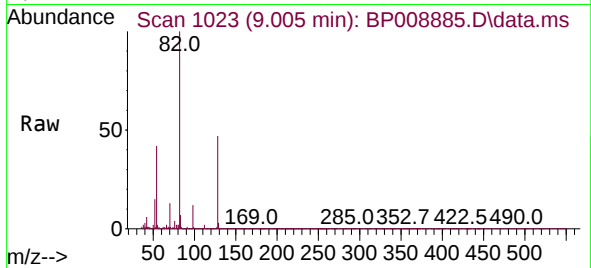




#23
Nitrobenzene-d5
Concen: 63.989 ng
RT: 9.005 min Scan# 1023
Delta R.T. -0.011 min
Lab File: BP008885.D
Acq: 24 Jan 2022 14:14

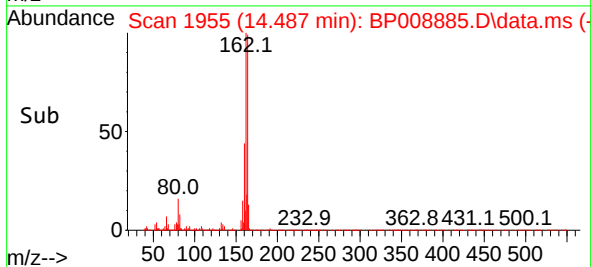
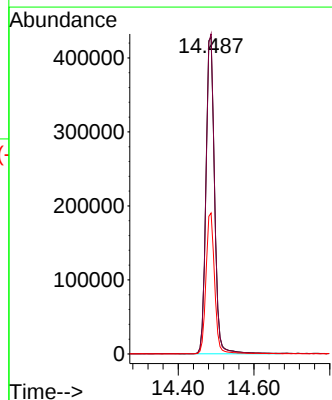
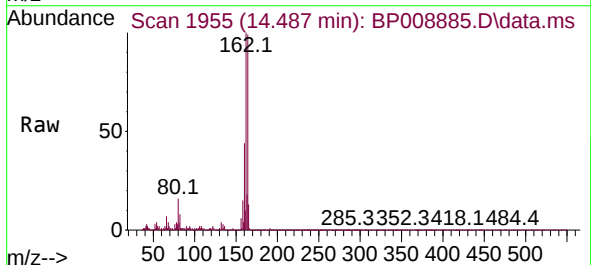
Instrument :
BNA_P
ClientSampleId :
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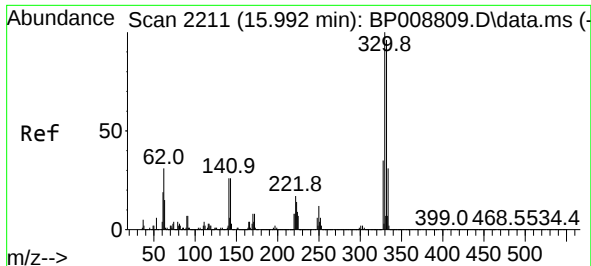
Tgt Ion: 82 Resp: 1244797
Ion Ratio Lower Upper
82 100
128 46.5 39.4 59.2
54 42.2 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BP008885.D
Acq: 24 Jan 2022 14:14

Tgt Ion:164 Resp: 673574
Ion Ratio Lower Upper
164 100
162 101.0 79.9 119.9
160 44.5 35.5 53.3

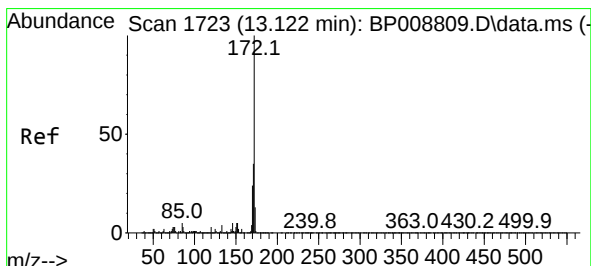
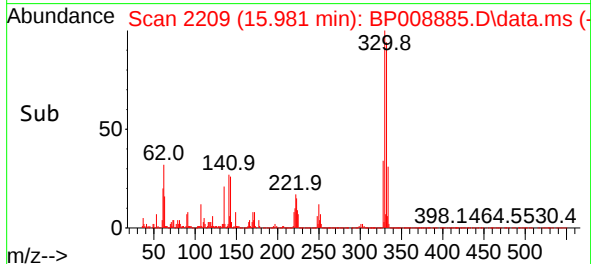
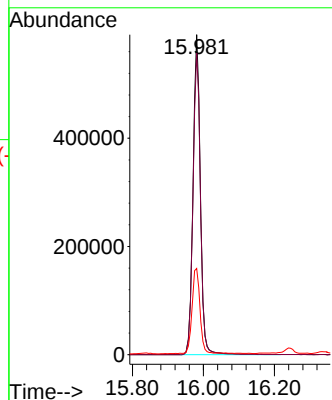
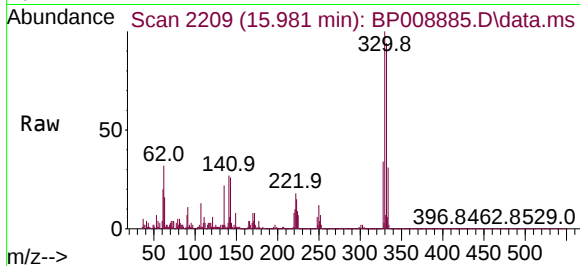




#42
2,4,6-Tribromophenol
Concen: 86.286 ng
RT: 15.981 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP008885.D
Acq: 24 Jan 2022 14:14

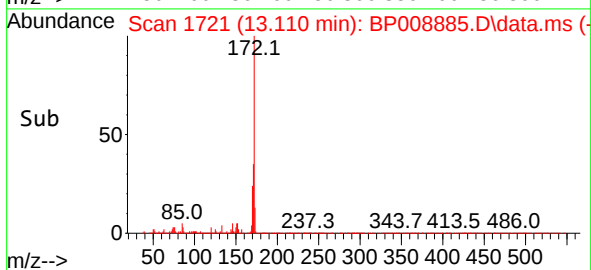
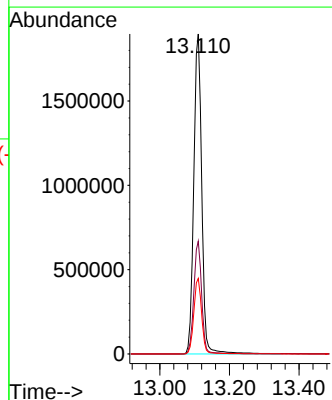
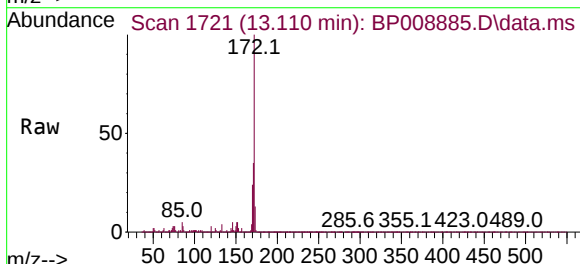
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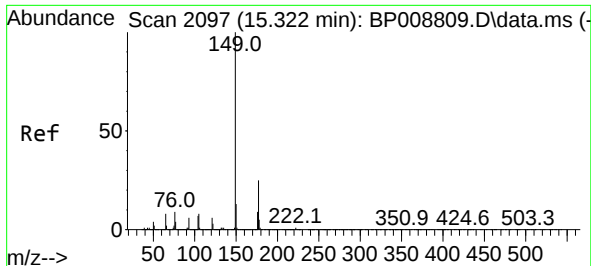
Tgt Ion:330 Resp: 845993
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 29.3 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 59.513 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.011 min
Lab File: BP008885.D
Acq: 24 Jan 2022 14:14

Tgt Ion:172 Resp: 3039747
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 23.6 19.5 29.3

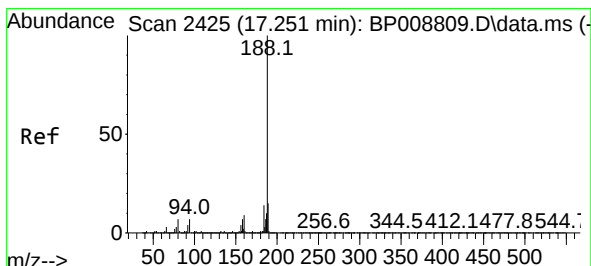
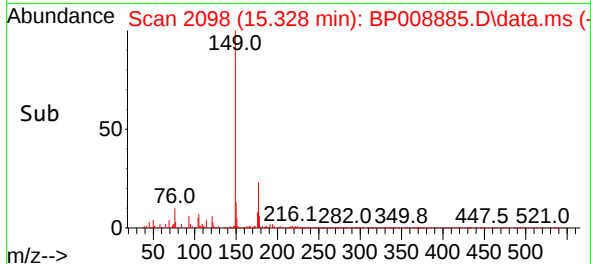
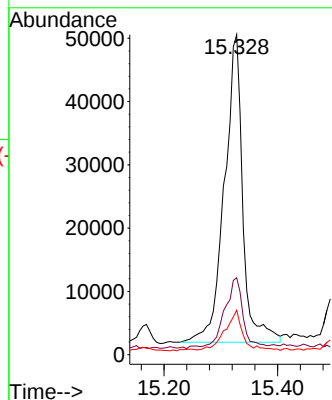
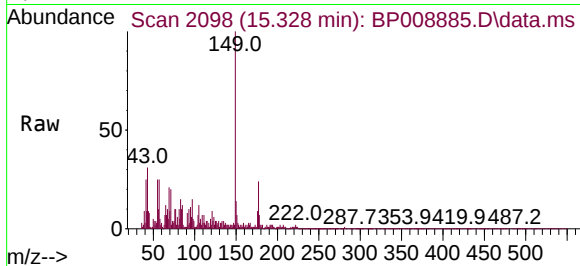




#60
Diethylphthalate
Concen: 2.303 ng
RT: 15.328 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BP008885.D
Acq: 24 Jan 2022 14:14

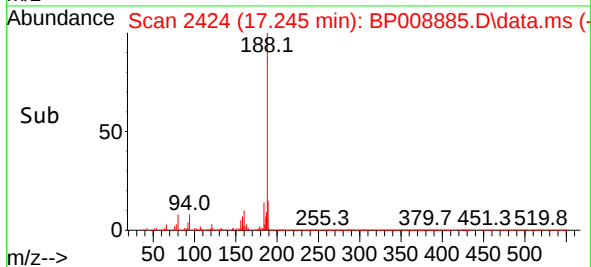
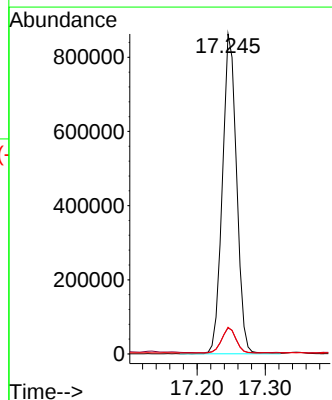
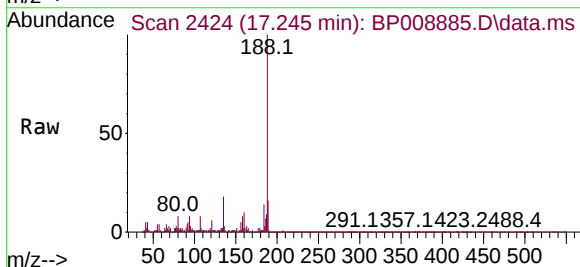
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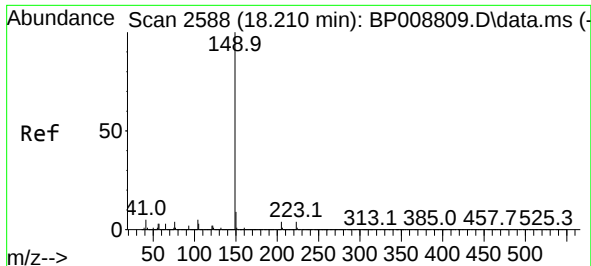
Tgt Ion:149 Resp: 109312
Ion Ratio Lower Upper
149 100
177 24.0 19.9 29.9
150 13.9 10.3 15.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.005 min
Lab File: BP008885.D
Acq: 24 Jan 2022 14:14

Tgt Ion:188 Resp: 1251604
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.4 7.2 10.8

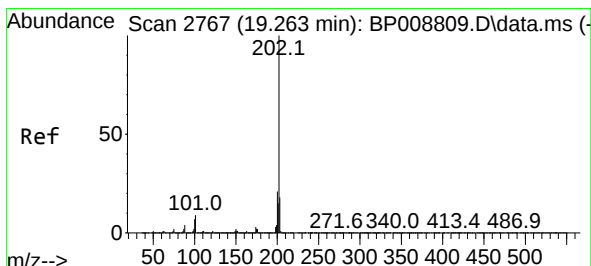
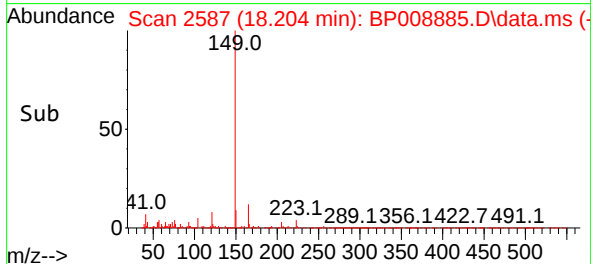
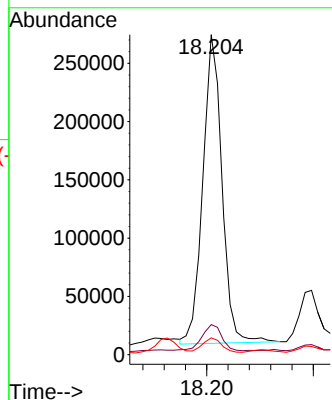
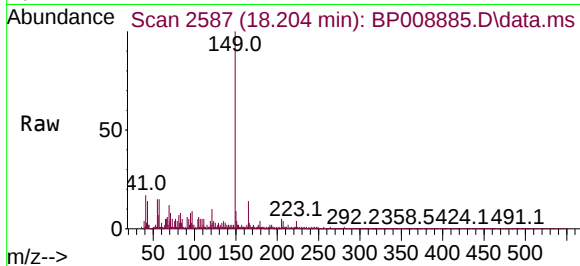




#74
Di-n-butylphthalate
Concen: 4.525 ng
RT: 18.204 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008885.D
Acq: 24 Jan 2022 14:14

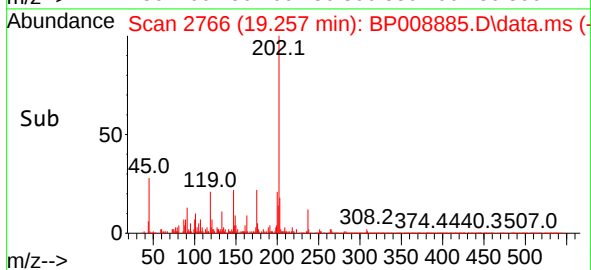
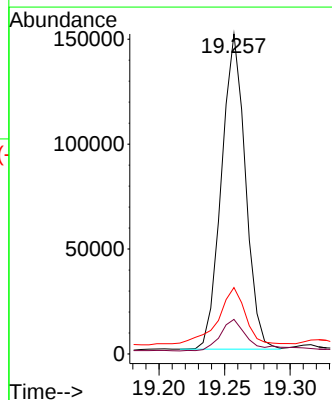
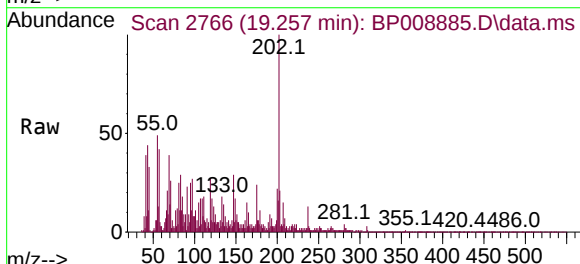
Instrument : BNA_P
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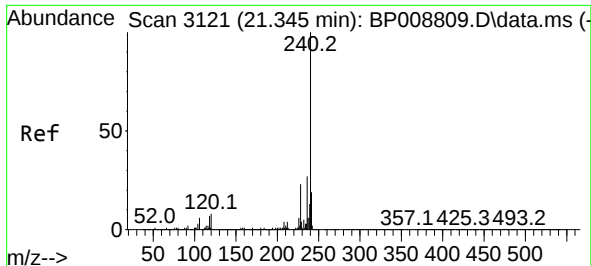
Tgt Ion:149 Resp: 331042
Ion Ratio Lower Upper
149 100
150 9.4 7.9 11.9
104 5.2 3.7 5.5



#75
Fluoranthene
Concen: 2.431 ng
RT: 19.257 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BP008885.D
Acq: 24 Jan 2022 14:14

Tgt Ion:202 Resp: 190471
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.7
203 20.7 0.0 38.9

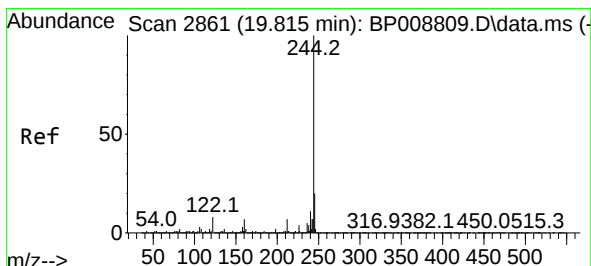
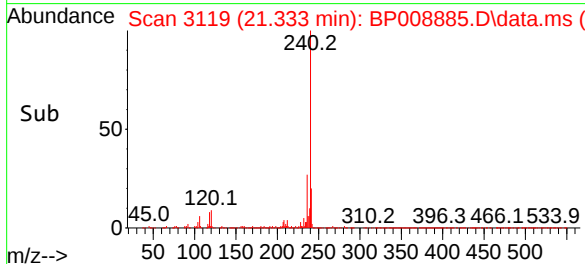
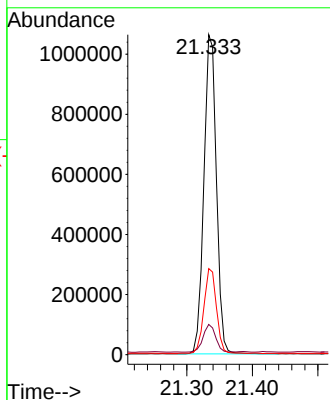
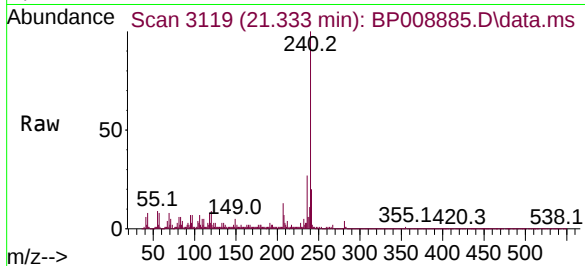




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3121
Delta R.T. -0.011 min
Lab File: BP008885.D
Acq: 24 Jan 2022 14:14

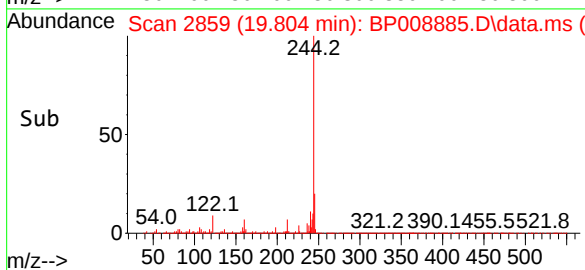
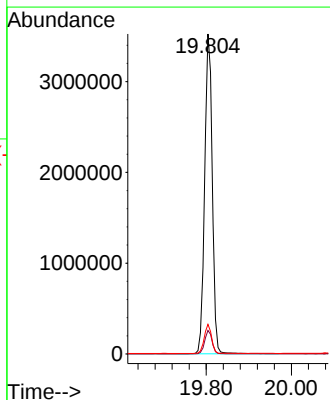
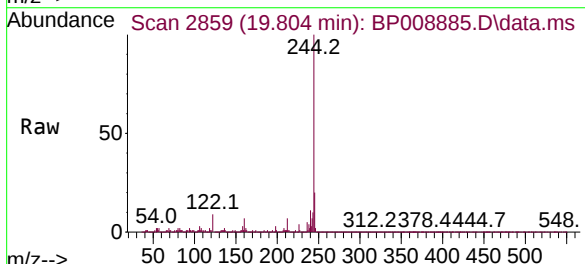
Instrument :
BNA_P
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EAST-BOILER-PIT-WASTE-CLASS

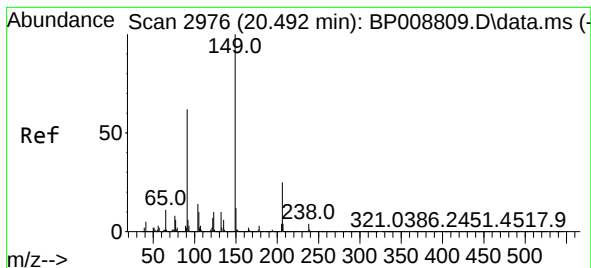
Tgt Ion:240 Resp: 1411302
Ion Ratio Lower Upper
240 100
120 9.5 7.7 11.5
236 26.9 21.2 31.8



#79
Terphenyl-d14
Concen: 52.041 ng
RT: 19.804 min Scan# 2859
Delta R.T. -0.011 min
Lab File: BP008885.D
Acq: 24 Jan 2022 14:14

Tgt Ion:244 Resp: 4351193
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 9.2 9.2 13.8





#80

Butylbenzylphthalate

Concen: 5.972 ng

RT: 20.481 min Scan# 2974

Delta R.T. -0.011 min

Lab File: BP008885.D

Acq: 24 Jan 2022 14:14

Instrument :

BNA_P

ClientSampleId :

EAST-BOILER-PIT-WASTE-CLASS

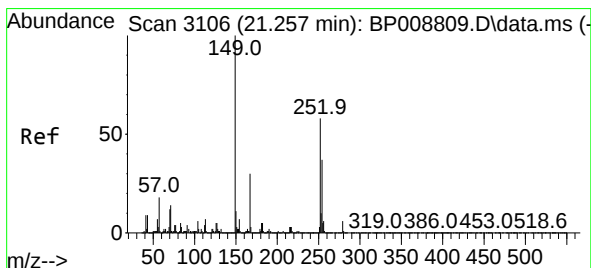
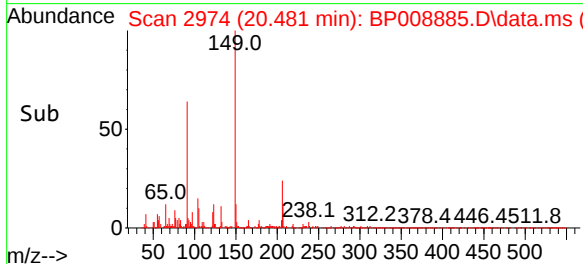
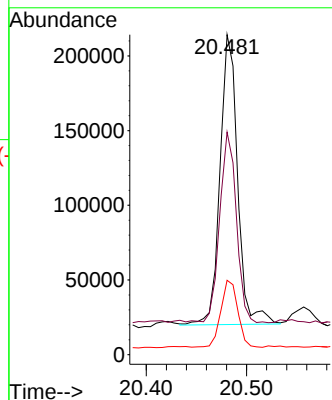
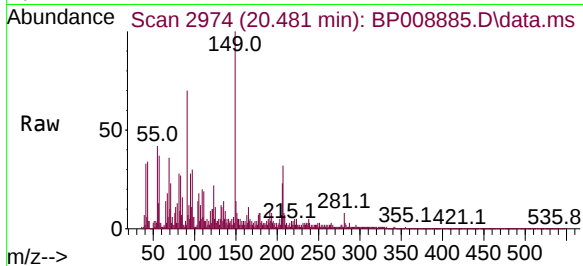
Tgt Ion:149 Resp: 236523

Ion Ratio Lower Upper

149 100

91 69.6 50.6 76.0

206 23.3 19.7 29.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 74.433 ng

RT: 21.251 min Scan# 3105

Delta R.T. -0.005 min

Lab File: BP008885.D

Acq: 24 Jan 2022 14:14

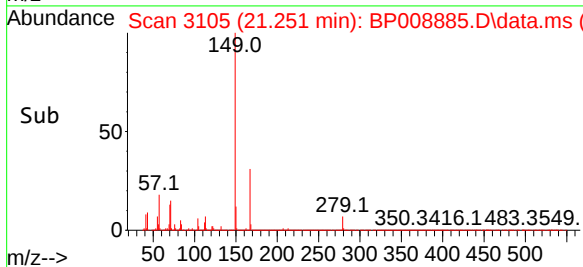
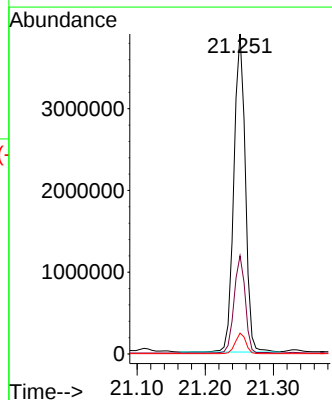
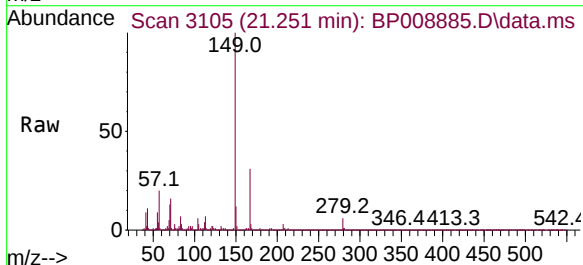
Tgt Ion:149 Resp: 4565201

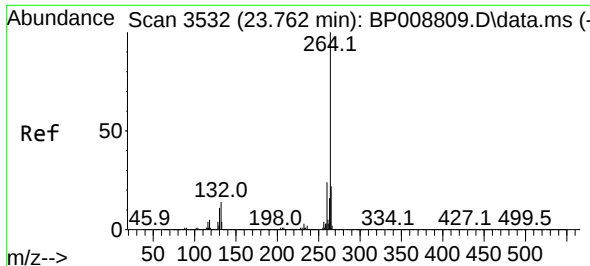
Ion Ratio Lower Upper

149 100

167 30.7 25.0 37.4

279 6.5 4.8 7.2

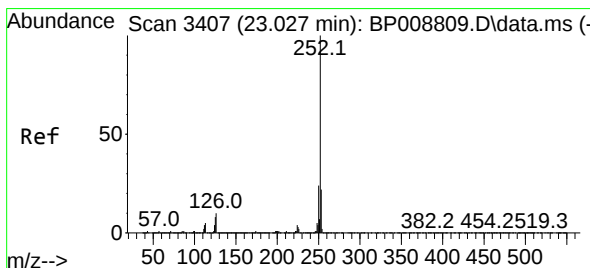
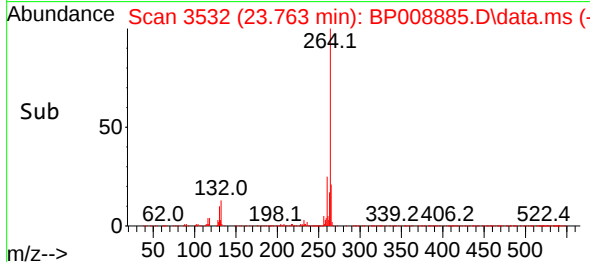
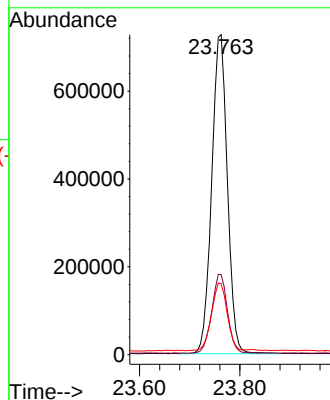
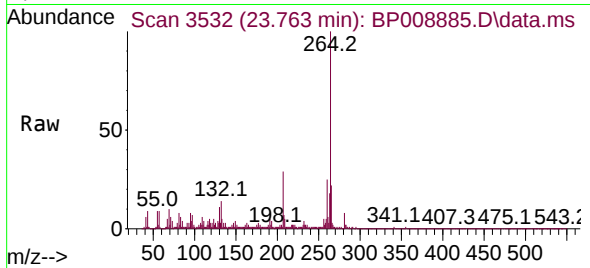




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.763 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BP008885.D
 Acq: 24 Jan 2022 14:14

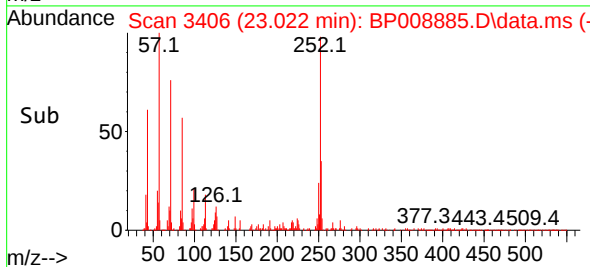
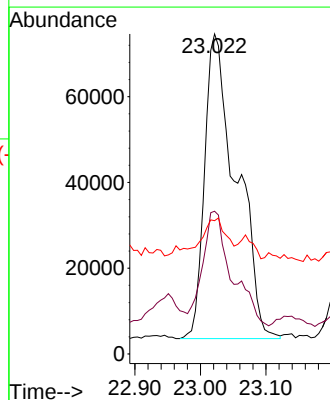
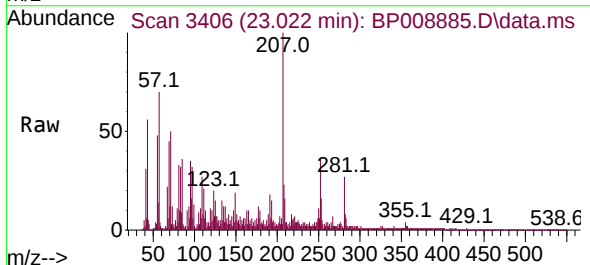
Instrument :
 BNA_P
 ClientSampleId :
 EAST-BOILER-PIT-WASTE-CLASS

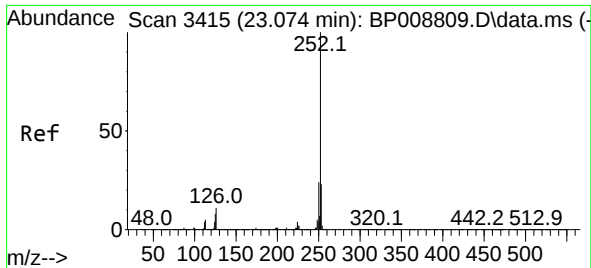
Tgt Ion:264 Resp: 1574754
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.1 28.7
 265 22.2 17.1 25.7



#88
 Benzo(b)fluoranthene
 Concen: 2.279 ng
 RT: 23.022 min Scan# 3406
 Delta R.T. -0.005 min
 Lab File: BP008885.D
 Acq: 24 Jan 2022 14:14

Tgt Ion:252 Resp: 239679
 Ion Ratio Lower Upper
 252 100
 253 44.6 18.0 27.0#
 125 41.6 6.9 10.3#





#89

Benzo(k)fluoranthene

Concen: 2.354 ng

RT: 23.022 min Scan# 34

Delta R.T. -0.053 min

Lab File: BP008885.D

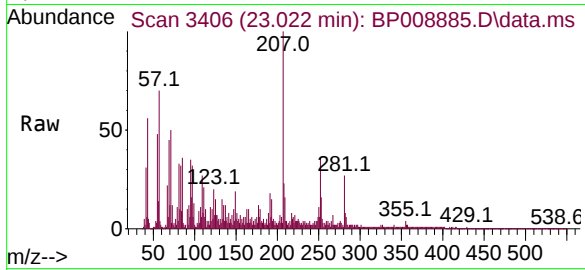
Acq: 24 Jan 2022 14:14

Instrument :

BNA_P

ClientSampleId :

EAST-BOILER-PIT-WASTE-CLASS



Tgt Ion:252 Resp: 239679

Ion Ratio Lower Upper

252 100

253 44.6 18.2 27.2#

125 41.6 7.3 10.9#

