

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
 Data File : BP008261.D
 Acq On : 07 Dec 2021 21:14
 Operator : CG/JU
 Sample : M4936-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLAG-WASTE-CLASS

Quant Time: Dec 08 01:10:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

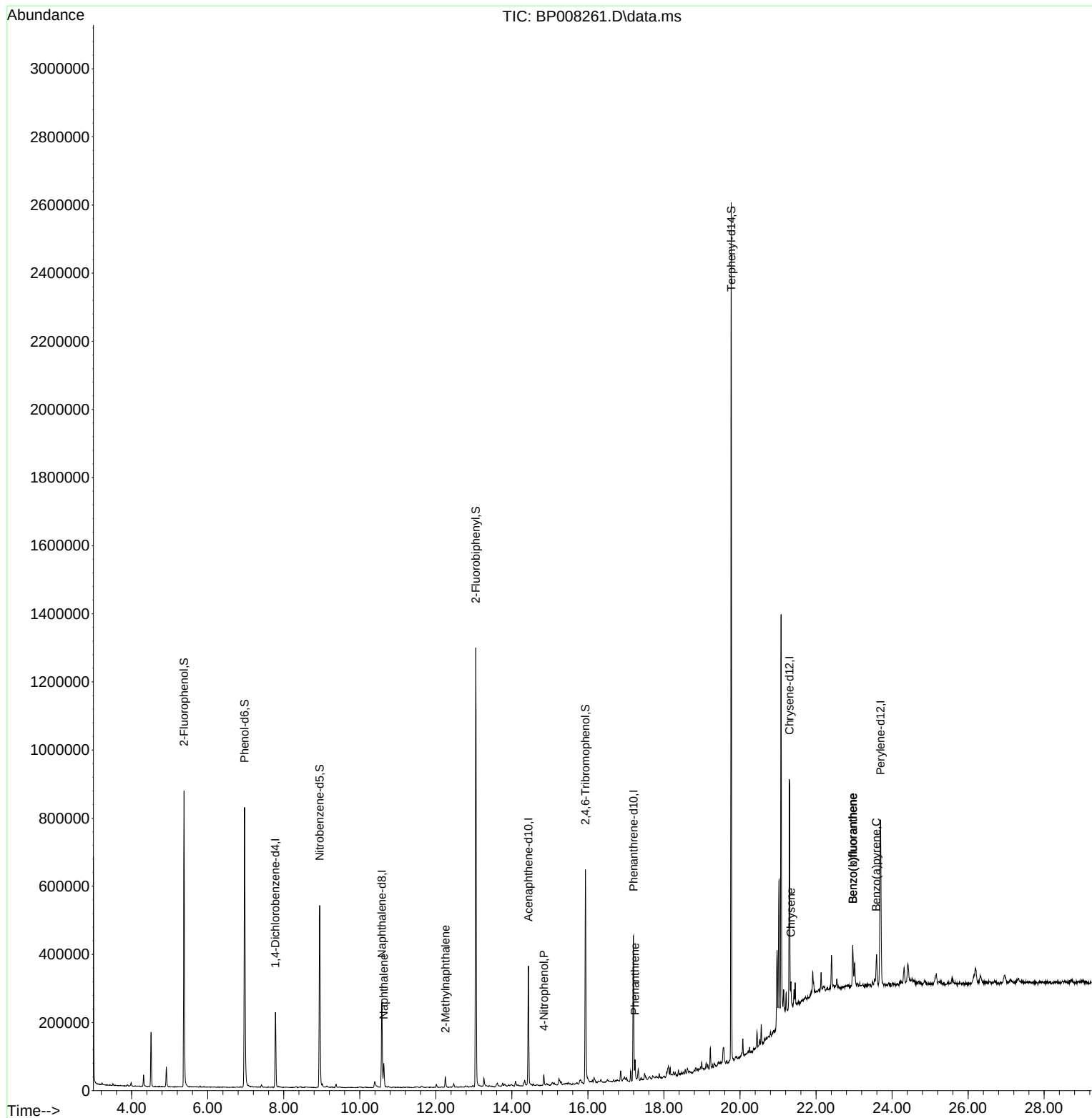
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	56709	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	196983	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	122378	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	261868	20.000	ng	-0.01
76) Chrysene-d12	21.298	240	330115	20.000	ng	-0.02
86) Perylene-d12	23.692	264	406503	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	344853	97.911	ng	-0.01
7) Phenol-d6	6.969	99	464920	97.784	ng	-0.02
23) Nitrobenzene-d5	8.946	82	319862	73.840	ng	-0.02
42) 2,4,6-Tribromophenol	15.934	330	123412	78.898	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	650554	77.216	ng	-0.02
79) Terphenyl-d14	19.769	244	1117057	70.720	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.940	77	873	Below Cal		96
31) Naphthalene	10.628	128	53573	5.309 ng		98
37) 2-Methylnaphthalene	12.251	142	14566	2.041 ng	#	94
56) 4-Nitrophenol	14.840	139	6977	4.710 ng	#	5
71) Phenanthrene	17.239	178	36809	2.662 ng		98
78) Pyrene	19.575	202	28432	Below Cal		97
83) Chrysene	21.339	228	43257	2.078 ng		97
88) Benzo(b)fluoranthene	22.969	252	58001	2.367 ng	#	96
89) Benzo(k)fluoranthene	22.969	252	58001	2.418 ng		95
90) Benzo(a)pyrene	23.586	252	43207	2.063 ng	#	93

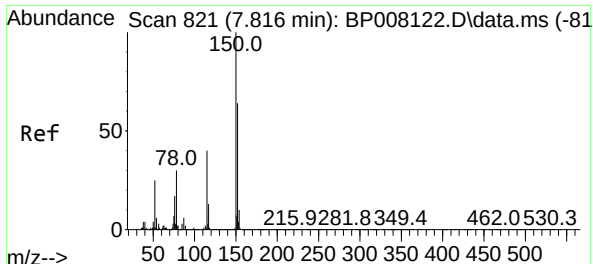
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

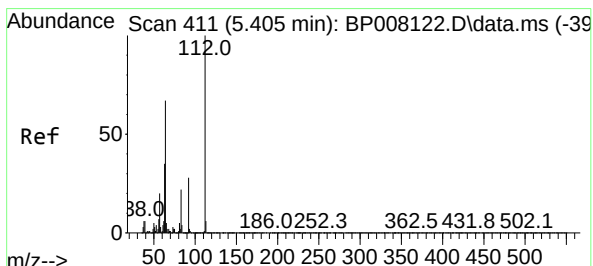
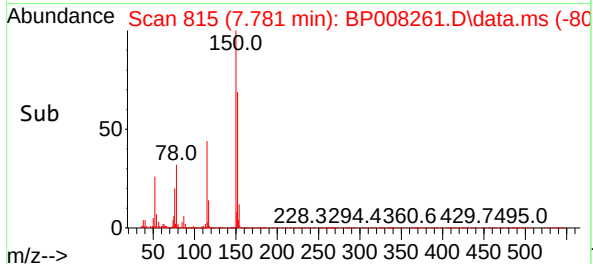
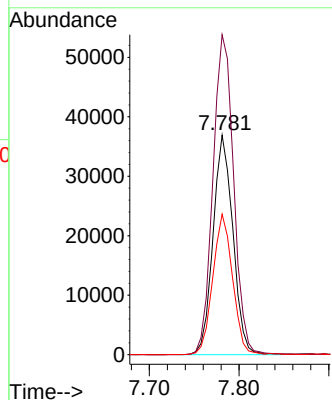
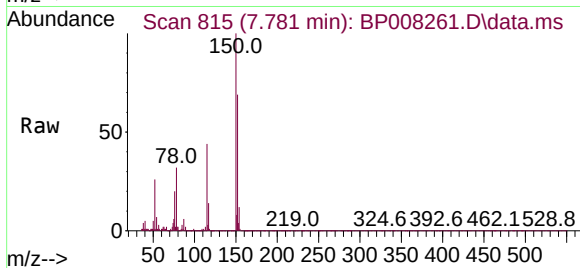




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

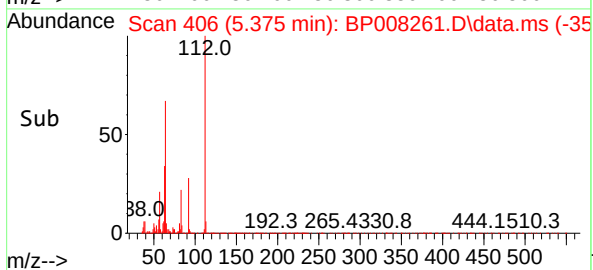
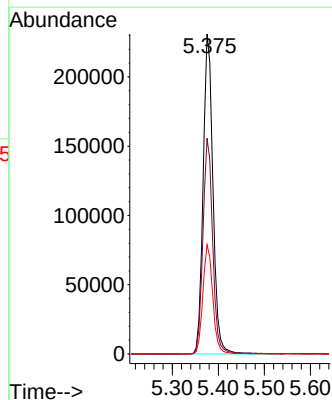
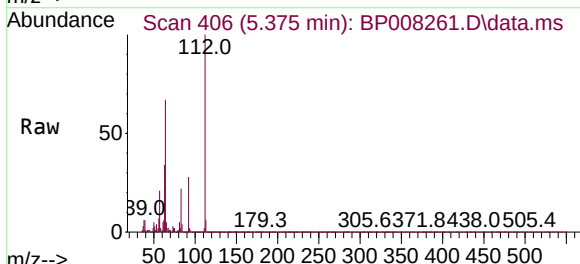
Instrument :
BNA_P
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SLAG-WASTE-CLASS

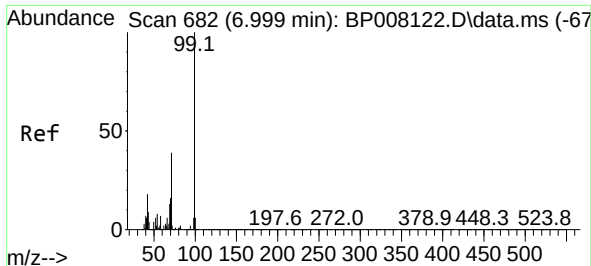
Tgt Ion:152 Resp: 56709
Ion Ratio Lower Upper
152 100
150 145.8 125.7 188.5
115 64.0 50.7 76.1



#5
2-Fluorophenol
Concen: 97.911 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

Tgt Ion:112 Resp: 344853
Ion Ratio Lower Upper
112 100
64 67.4 53.4 80.2
63 34.1 27.8 41.8

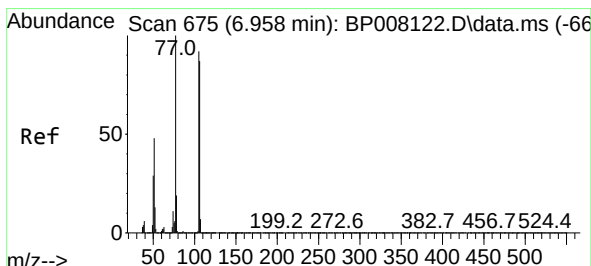
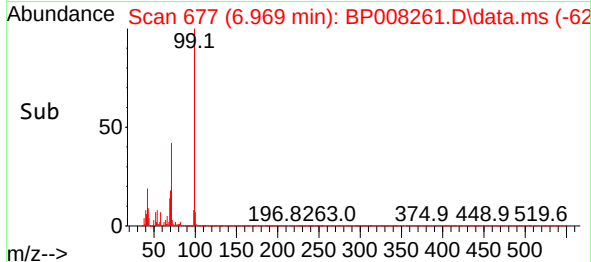
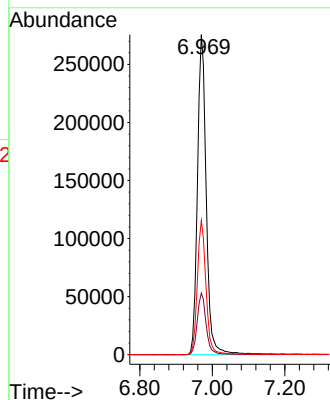
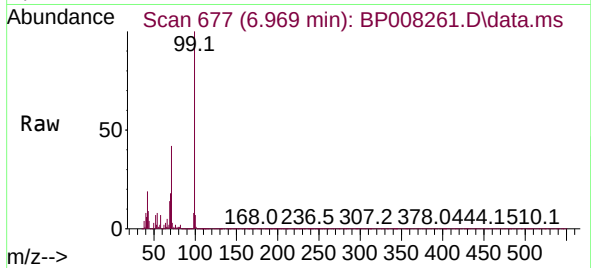




#7
Phenol-d6
Concen: 97.784 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

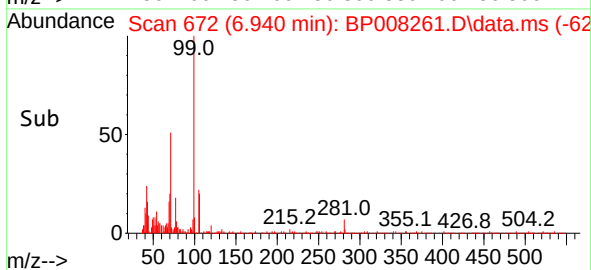
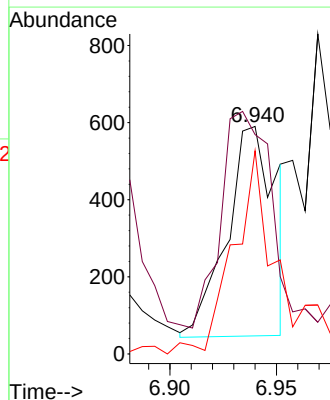
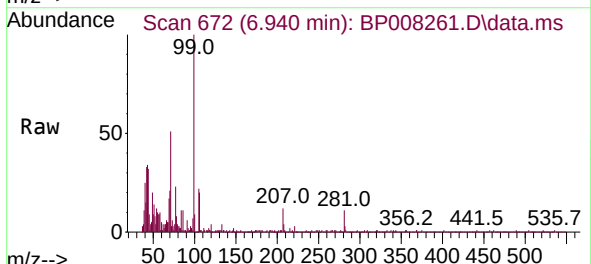
Instrument :
BNA_P
ClientSampleId :
SLAG-WASTE-CLASS

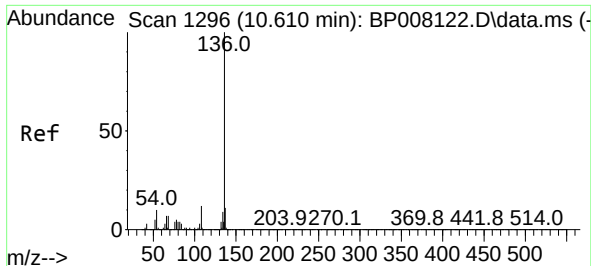
Tgt Ion: 99 Resp: 464920
Ion Ratio Lower Upper
99 100
42 19.3 14.6 22.0
71 41.9 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.940 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

Tgt Ion: 77 Resp: 873
Ion Ratio Lower Upper
77 100
105 96.4 71.8 111.8
106 89.3 67.3 107.3

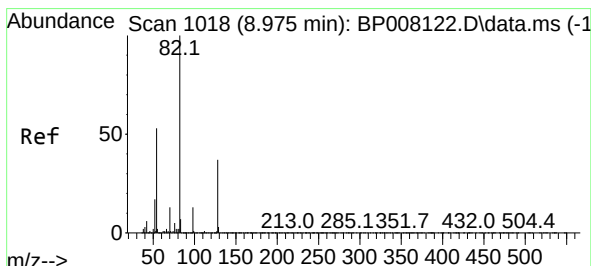
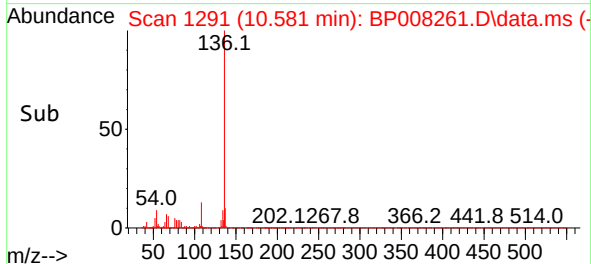
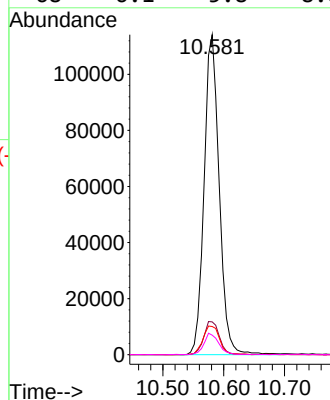
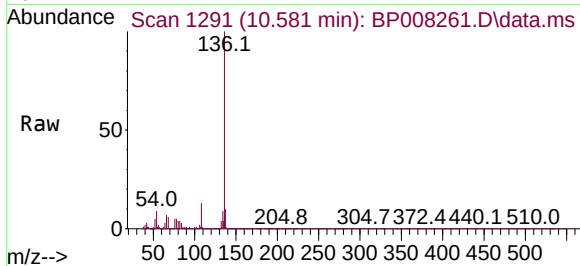




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

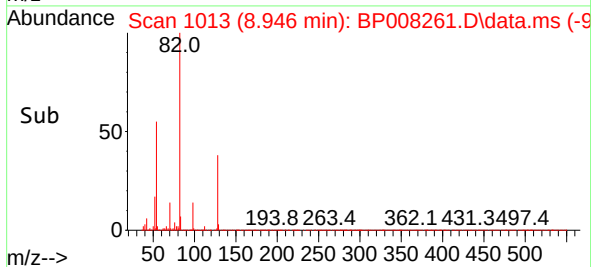
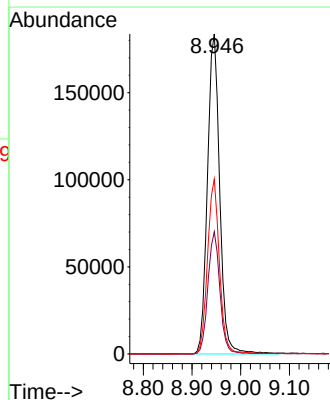
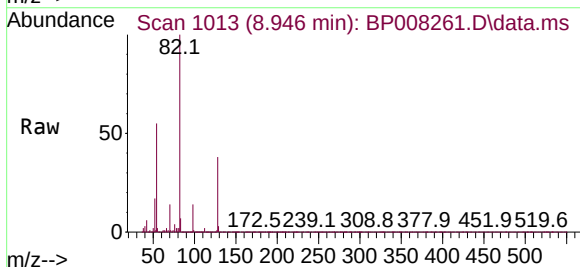
Instrument :
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ClientSampleId :
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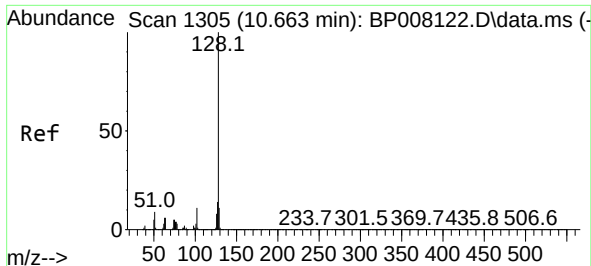
Tgt Ion:136 Resp: 196983
Ion Ratio Lower Upper
136 100
137 10.2 9.0 13.6
54 8.8 8.2 12.4
68 6.1 5.8 8.8



#23
Nitrobenzene-d5
Concen: 73.840 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

Tgt Ion: 82 Resp: 319862
Ion Ratio Lower Upper
82 100
128 38.2 29.6 44.4
54 54.6 42.7 64.1

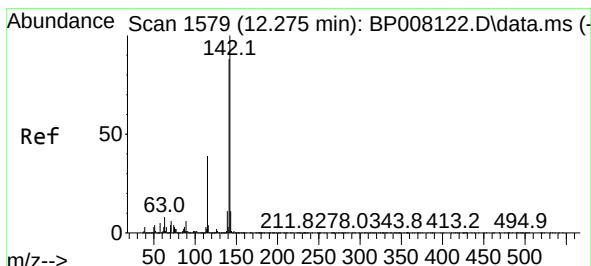
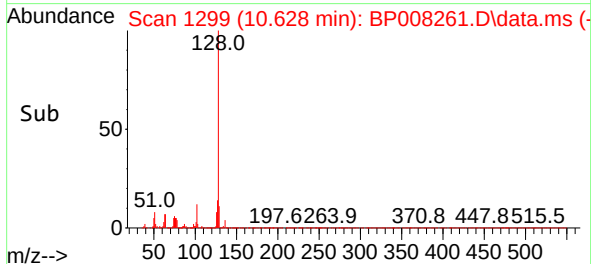
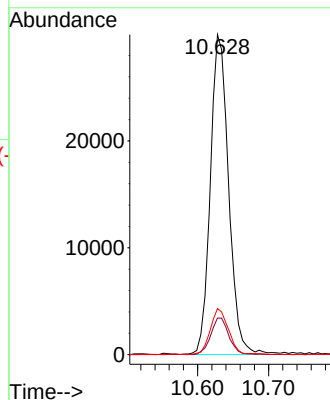
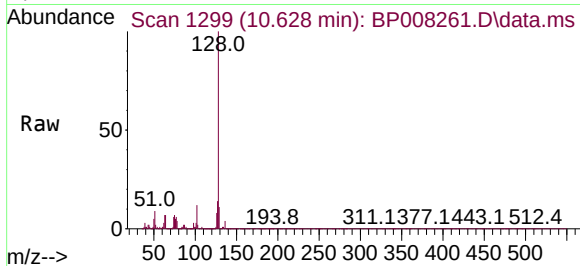




#31
Naphthalene
Concen: 5.309 ng
RT: 10.628 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

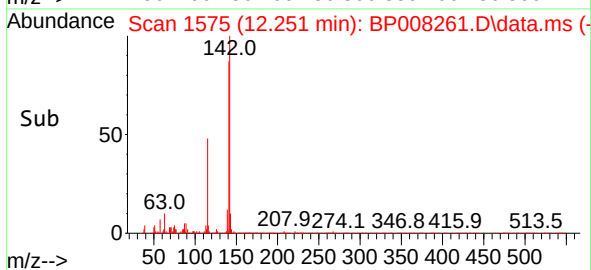
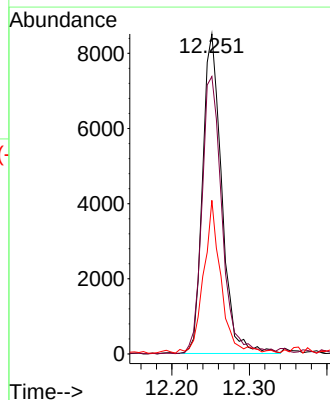
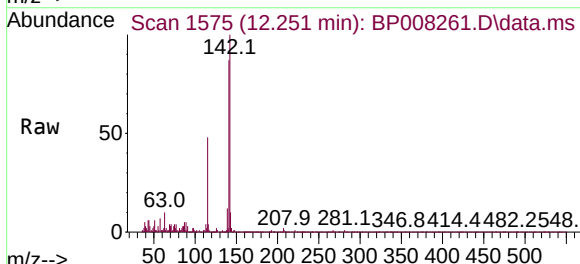
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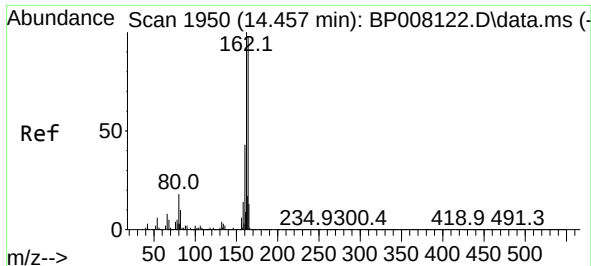
Tgt Ion:128	Resp:	53573
Ion Ratio	Lower	Upper
128	100	
129	11.4	8.5 12.7
127	14.4	10.9 16.3



#37
2-Methylnaphthalene
Concen: 2.041 ng
RT: 12.251 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

Tgt Ion:142	Resp:	14566
Ion Ratio	Lower	Upper
142	100	
141	86.7	70.7 106.1
115	48.0	30.9 46.3

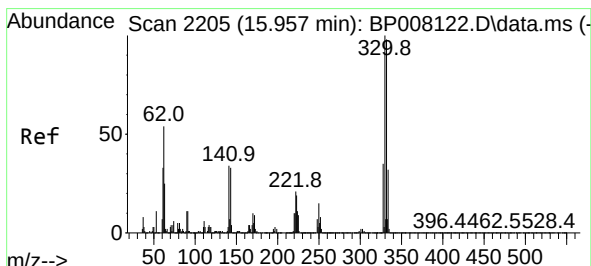
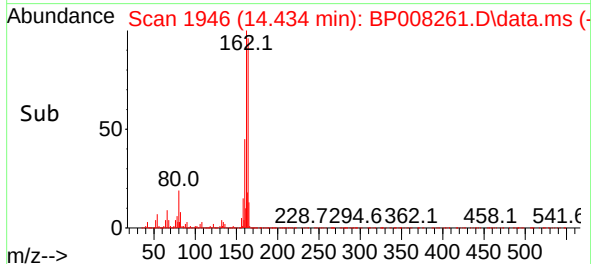
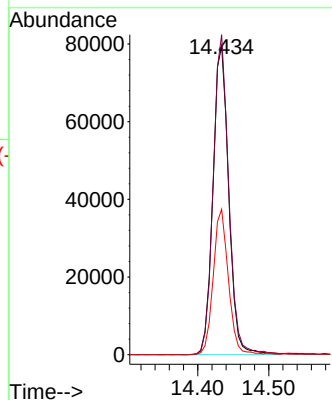
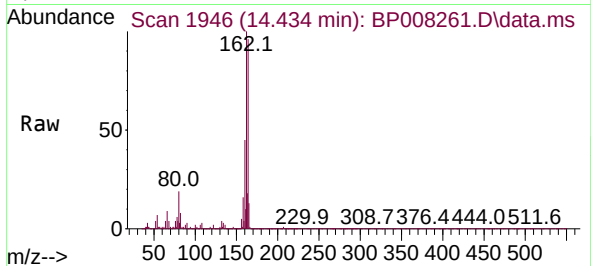




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

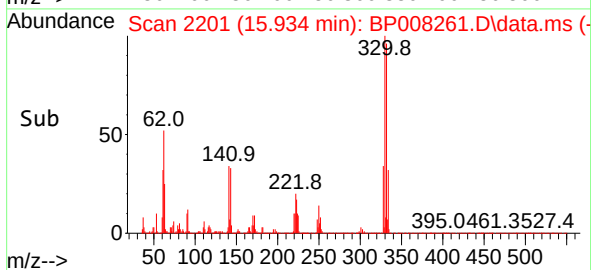
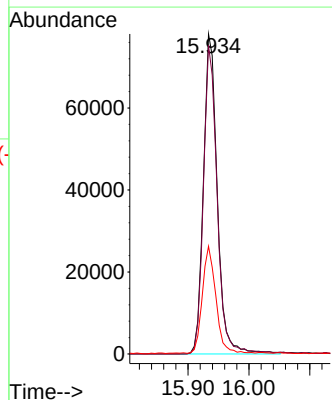
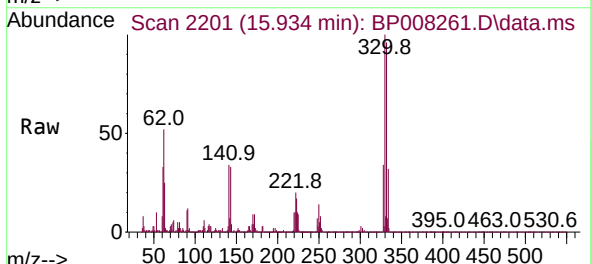
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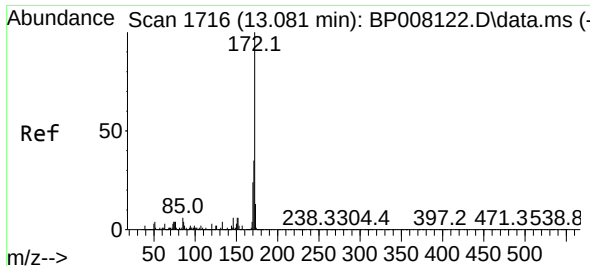
Tgt Ion:164 Resp: 122378
Ion Ratio Lower Upper
164 100
162 103.7 81.9 122.9
160 47.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 78.898 ng
RT: 15.934 min Scan# 2201
Delta R.T. -0.018 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

Tgt Ion:330 Resp: 123412
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.4
141 32.5 28.4 42.6

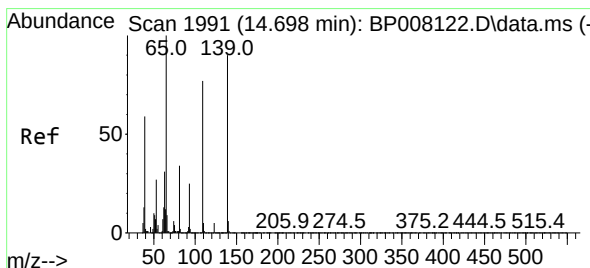
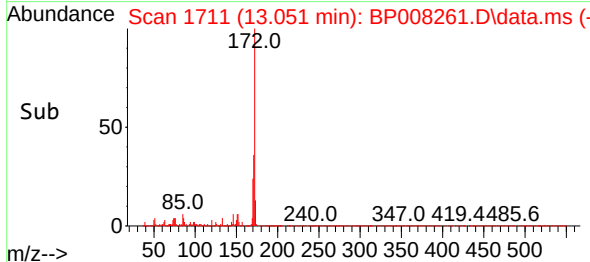
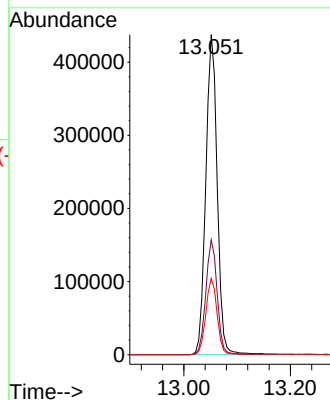
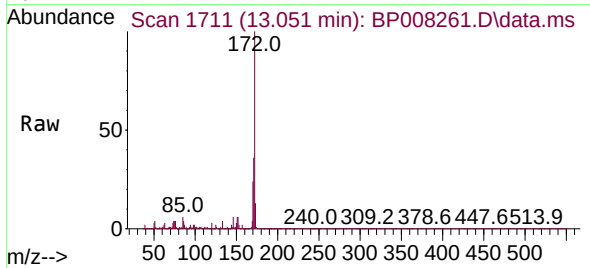




#45
2-Fluorobiphenyl
Concen: 77.216 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

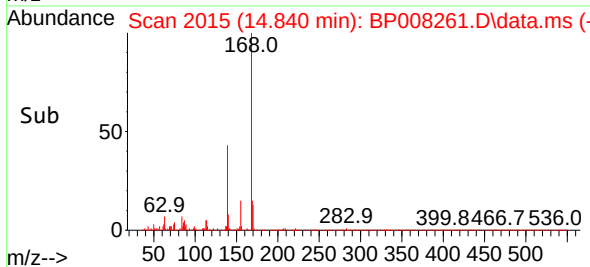
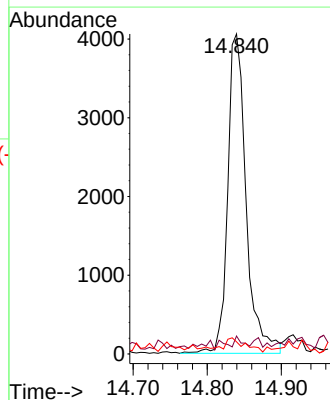
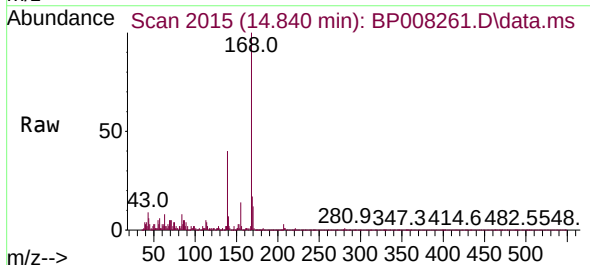
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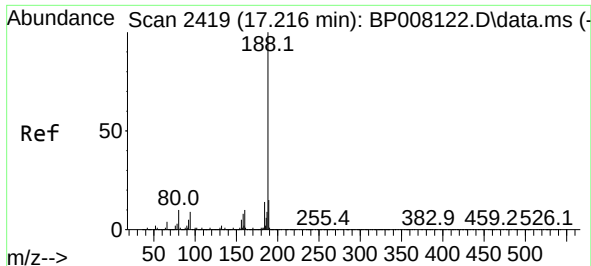
Tgt Ion:172 Resp: 650554
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 23.8 18.9 28.3



#56
4-Nitrophenol
Concen: 4.710 ng
RT: 14.840 min Scan# 2015
Delta R.T. 0.135 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

Tgt Ion:139 Resp: 6977
Ion Ratio Lower Upper
139 100
109 5.6 65.9 105.9#
65 3.8 91.9 131.9#

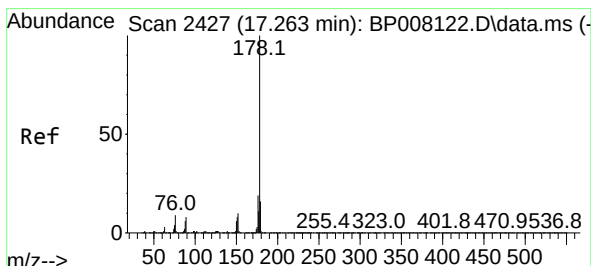
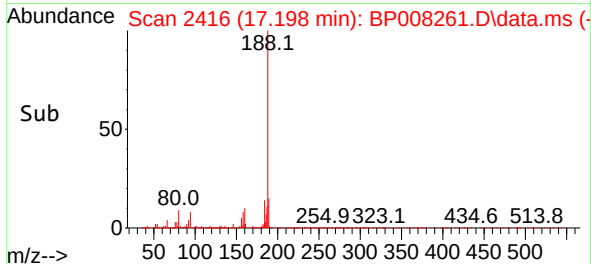
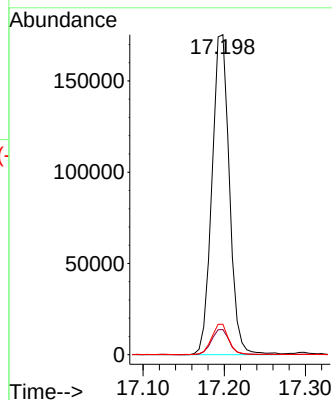
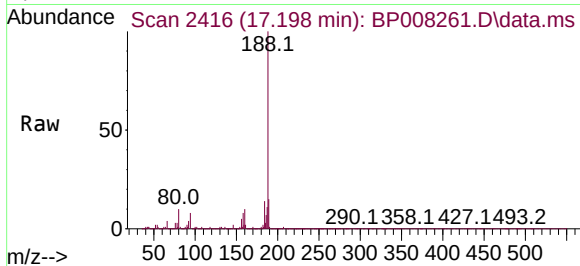




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

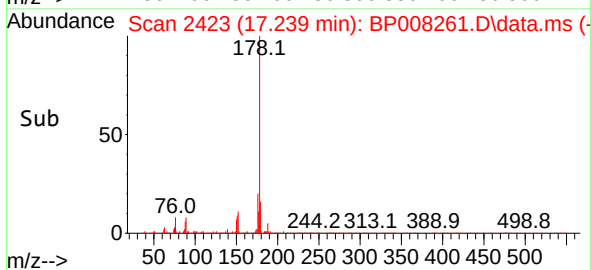
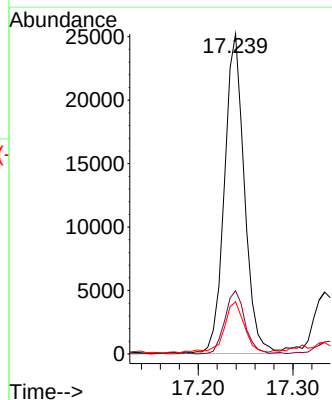
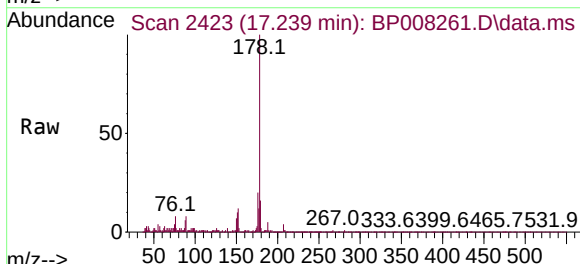
Instrument :
BNA_P
ClientSampleId :
SLAG-WASTE-CLASS

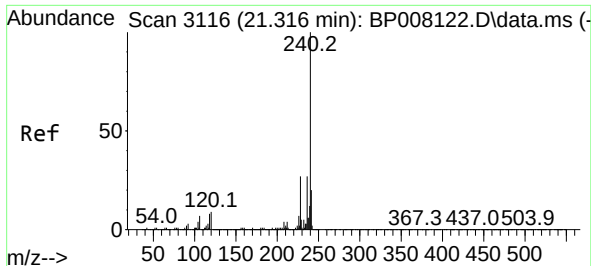
Tgt Ion:188 Resp: 261868
Ion Ratio Lower Upper
188 100
94 7.8 7.2 10.8
80 9.5 8.2 12.4



#71
Phenanthrene
Concen: 2.662 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

Tgt Ion:178 Resp: 36809
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 16.3 12.5 18.7

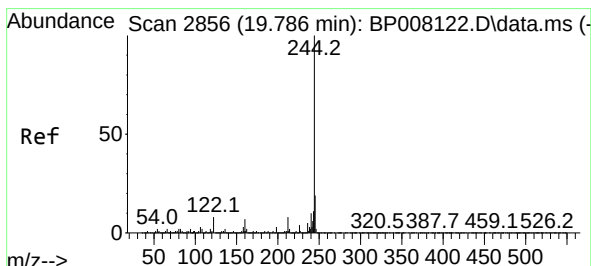
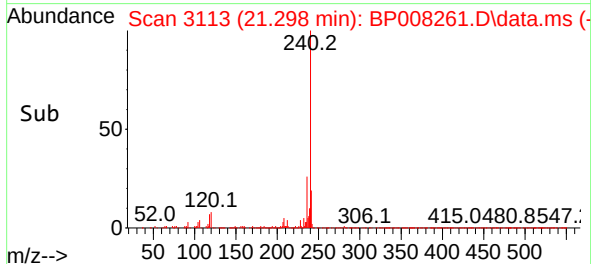
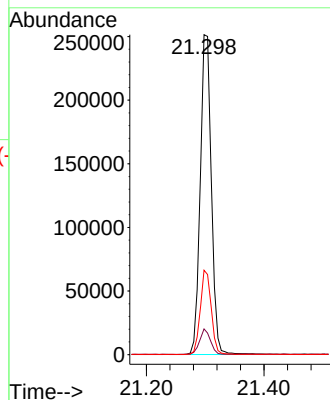
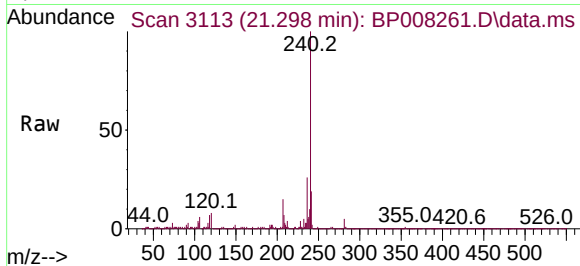




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

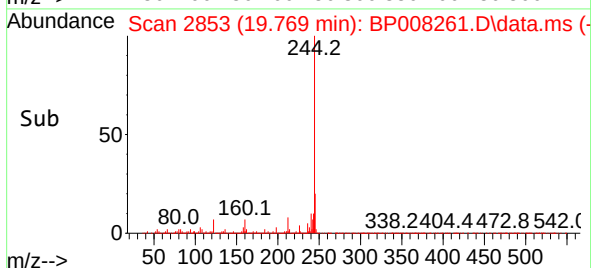
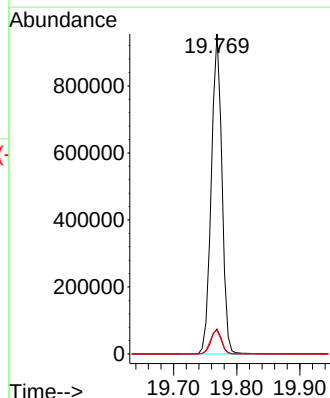
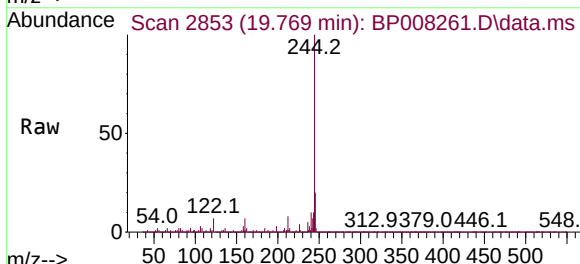
Instrument :
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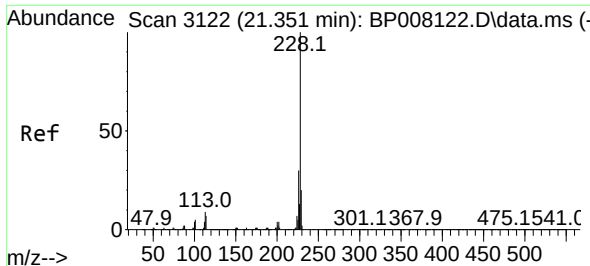
Tgt Ion:240 Resp: 330115
Ion Ratio Lower Upper
240 100
120 8.1 7.3 10.9
236 26.4 21.4 32.2



#79
Terphenyl-d14
Concen: 70.720 ng
RT: 19.769 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

Tgt Ion:244 Resp: 1117057
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 7.4 6.6 9.8

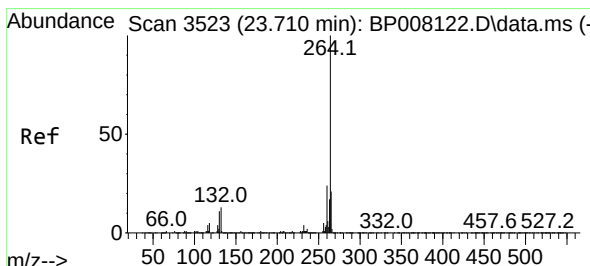
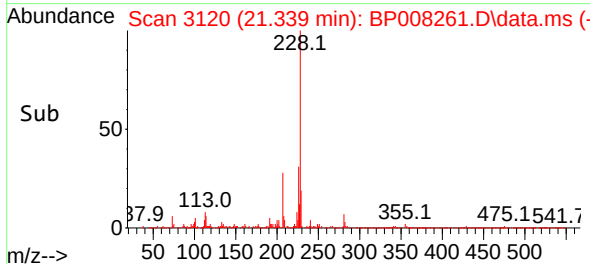
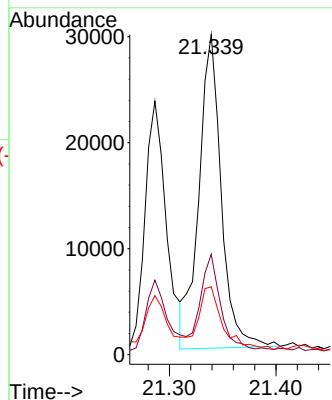
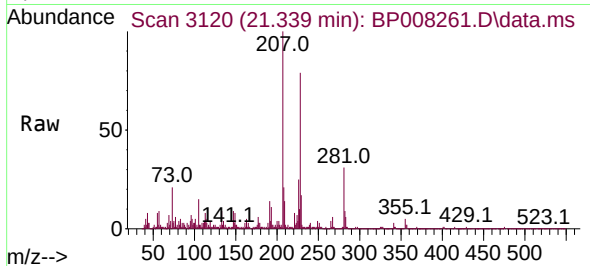




#83
Chrysene
Concen: 2.078 ng
RT: 21.339 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

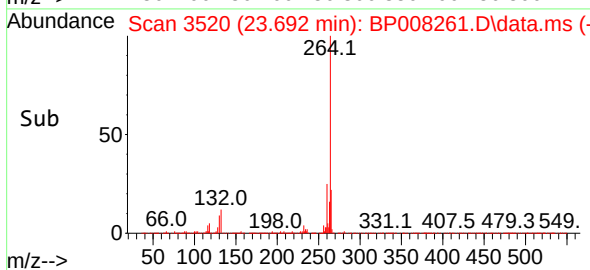
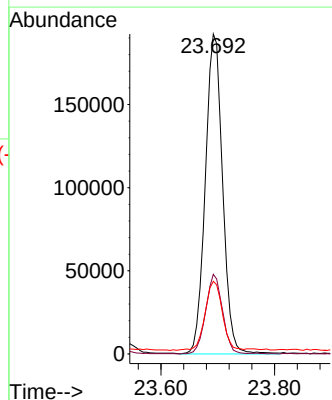
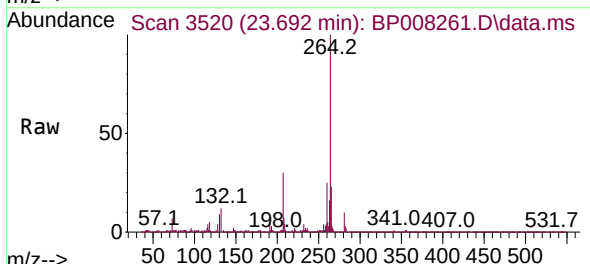
Instrument :
BNA_P
ClientSampleId :
SLAG-WASTE-CLASS

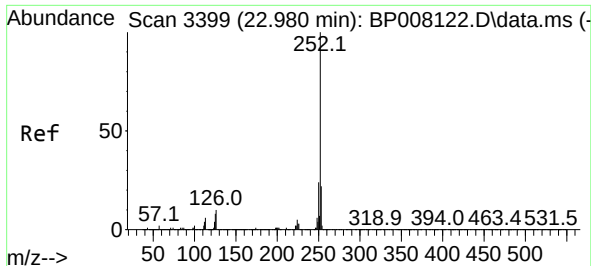
Tgt Ion:	228	Resp:	43257
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.0	36.0
229	21.2	15.8	23.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.692 min Scan# 3520
Delta R.T. -0.023 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

Tgt Ion:	264	Resp:	406503
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.4	29.2
265	22.7	17.6	26.4

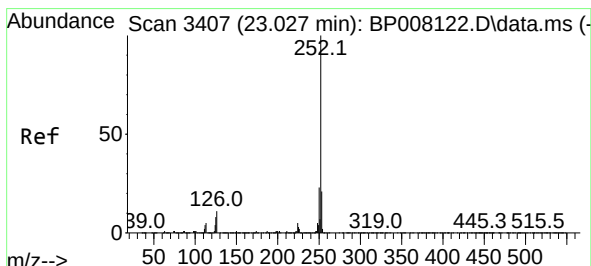
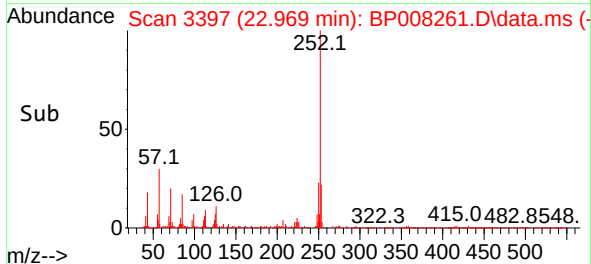
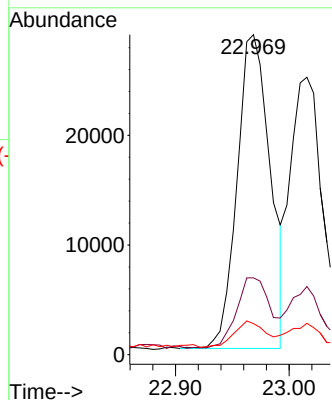
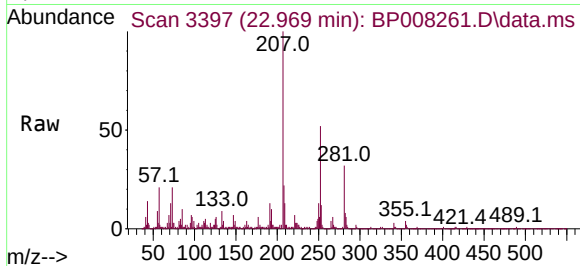




#88
Benzo(b)fluoranthene
Concen: 2.367 ng
RT: 22.969 min Scan# 3397
Delta R.T. -0.018 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

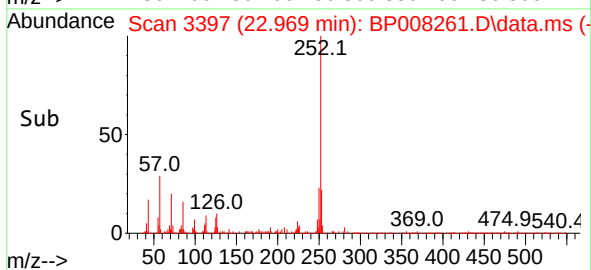
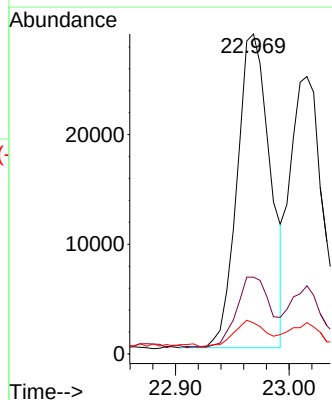
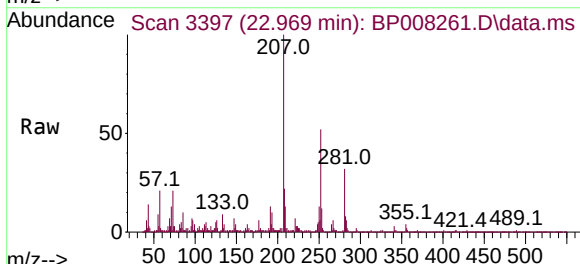
Instrument :
BNA_P
ClientSampleId :
SLAG-WASTE-CLASS

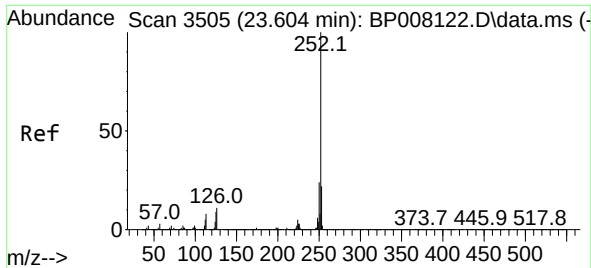
Tgt Ion:252 Resp: 58001
Ion Ratio Lower Upper
252 100
253 24.0 17.7 26.5
125 9.7 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 2.418 ng
RT: 22.969 min Scan# 3397
Delta R.T. -0.065 min
Lab File: BP008261.D
Acq: 07 Dec 2021 21:14

Tgt Ion:252 Resp: 58001
Ion Ratio Lower Upper
252 100
253 24.0 17.3 25.9
125 9.7 6.5 9.7





#90
 Benzo(a)pyrene
 Concen: 2.063 ng
 RT: 23.586 min Scan# 31
 Delta R.T. -0.024 min
 Lab File: BP008261.D
 Acq: 07 Dec 2021 21:14

Instrument :
 BNA_P
 ClientSampleId :
 SLAG-WASTE-CLASS

Tgt Ion:252 Resp: 43207
 Ion Ratio Lower Upper
 252 100
 253 24.2 17.6 26.4
 125 13.7 7.4 11.0#

