

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008357.D
 Acq On : 11 Dec 2021 00:30
 Operator : CG/JU
 Sample : M4959-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1S

Quant Time: Dec 11 04:02:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 03:53:01 2021
 Response via : Initial Calibration

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

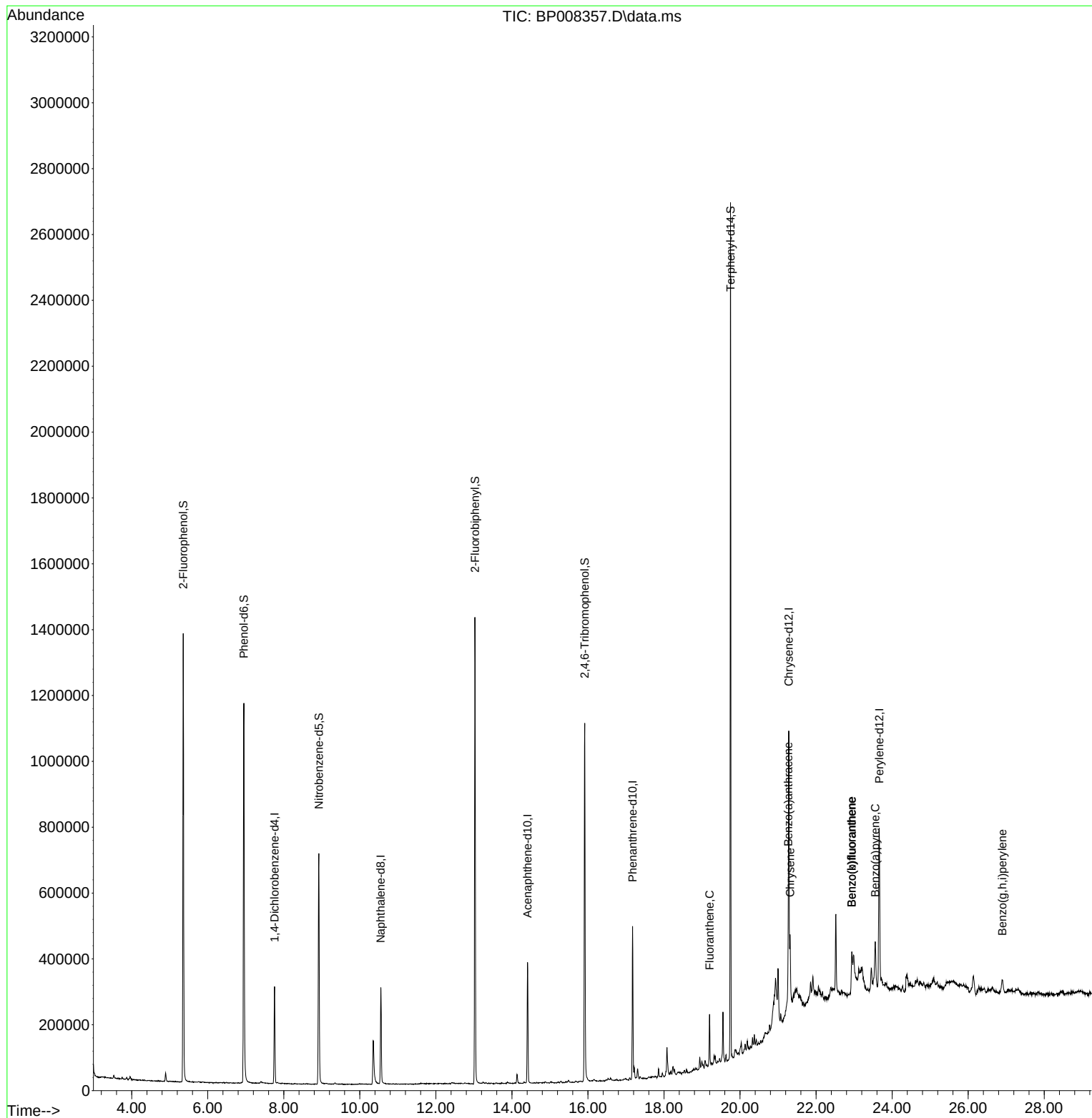
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	74114	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	226709	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	127333	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	266828	20.000	ng	0.00
76) Chrysene-d12	21.280	240	342553	20.000	ng	0.00
86) Perylene-d12	23.662	264	390191	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	540221	117.361	ng	0.00
7) Phenol-d6	6.952	99	649224	104.480	ng	0.00
23) Nitrobenzene-d5	8.922	82	421597	84.564	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	210891	129.577	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	705837	80.518	ng	0.00
79) Terphenyl-d14	19.751	244	1168820	71.310	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.875	77	194	Below Cal	#	27
75) Fluoranthene	19.198	202	80541	4.244	ng	99
81) Benzo(a)anthracene	21.268	228	63323	2.789	ng	92
83) Chrysene	21.321	228	70519	3.264	ng	96
88) Benzo(b)fluoranthene	22.939	252	98683	4.195	ng	97
89) Benzo(k)fluoranthene	22.939	252	98683	4.285	ng	96
90) Benzo(a)pyrene	23.557	252	73559	3.659	ng	95
92) Benzo(g,h,i)perylene	26.898	276	52520	2.208	ng	99

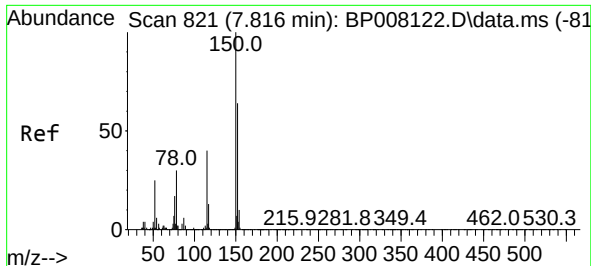
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Time: Dec 11 04:02:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 03:53:01 2021
Response via : Initial Calibration

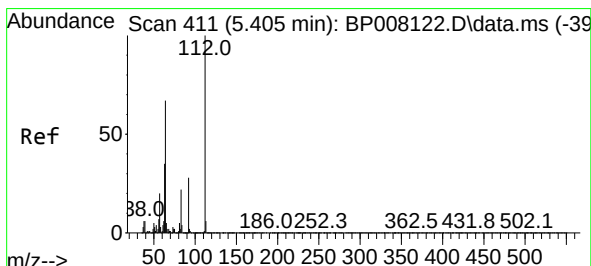
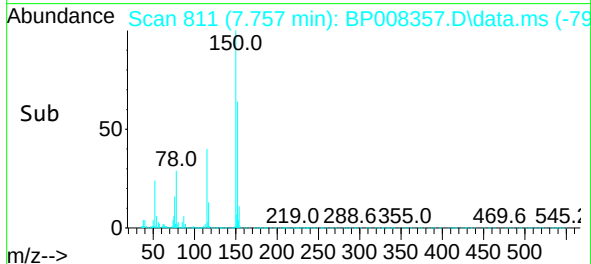
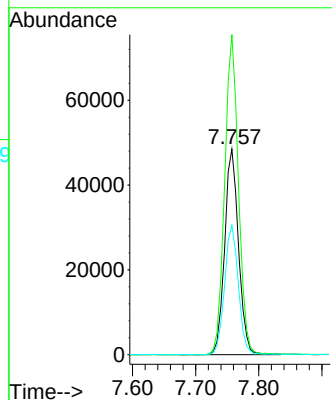
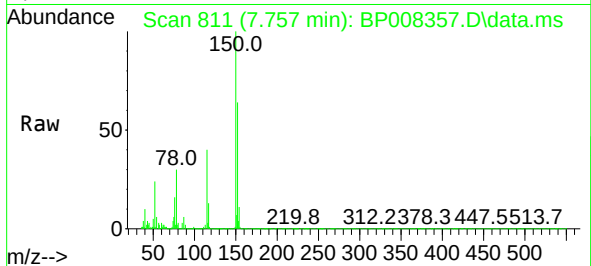




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

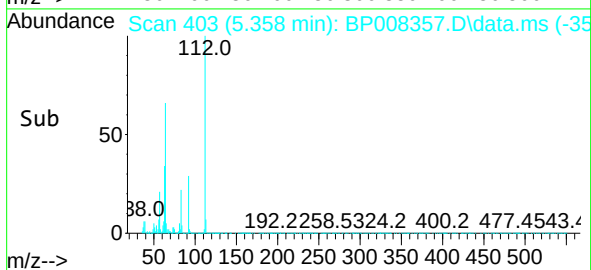
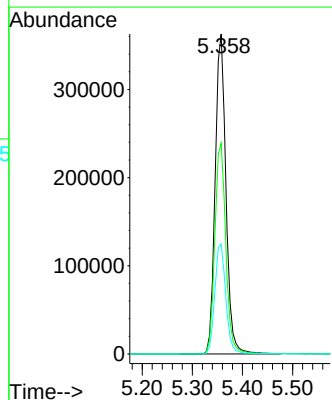
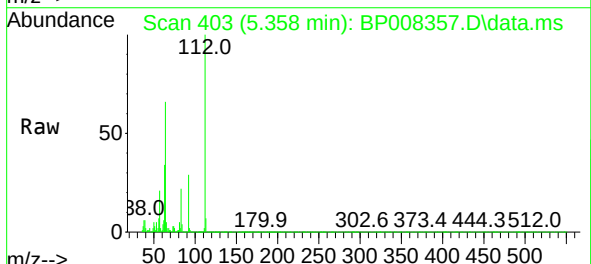
Instrument :
BNA_P
ClientSampleId :
TP-1S

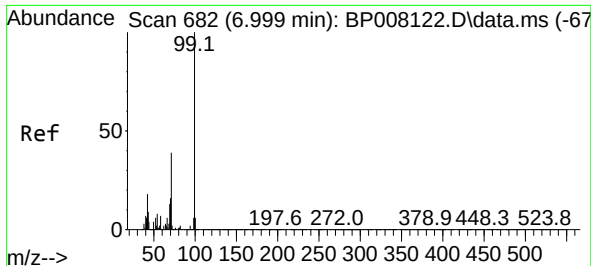
Tgt Ion:152 Resp: 74114
Ion Ratio Lower Upper
152 100
150 155.6 125.7 188.5
115 62.8 50.7 76.1



#5
2-Fluorophenol
Concen: 117.361 ng
RT: 5.358 min Scan# 403
Delta R.T. -0.000 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Tgt Ion:112 Resp: 540221
Ion Ratio Lower Upper
112 100
64 65.9 53.4 80.2
63 34.3 27.8 41.8

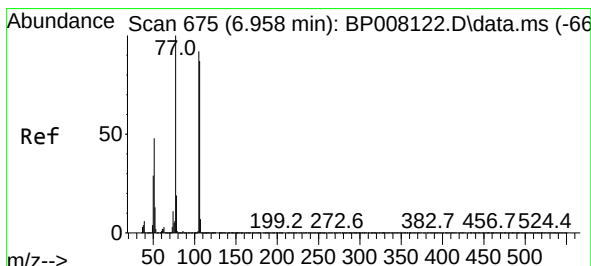
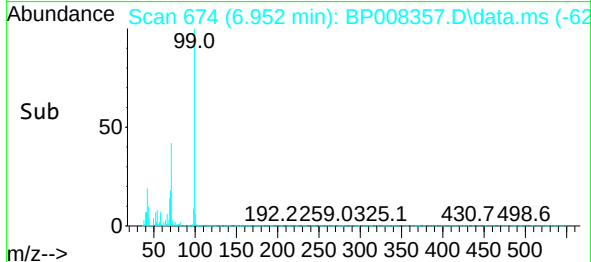
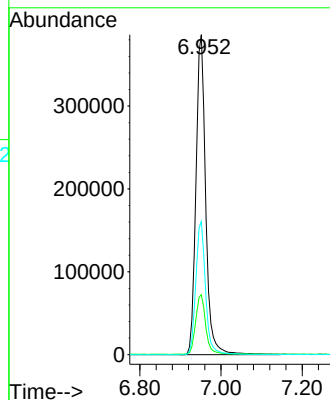
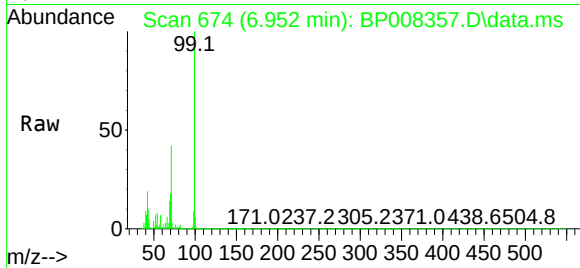




#7
Phenol-d6
Concen: 104.480 ng
RT: 6.952 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

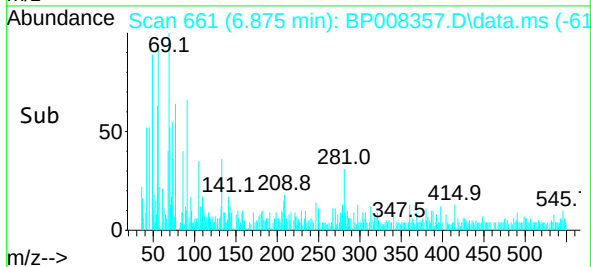
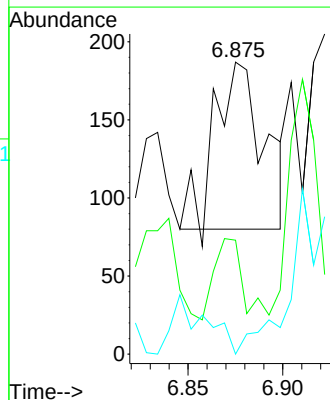
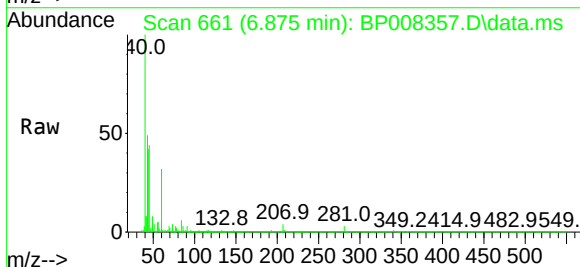
Instrument :
BNA_P
ClientSampleId :
TP-1S

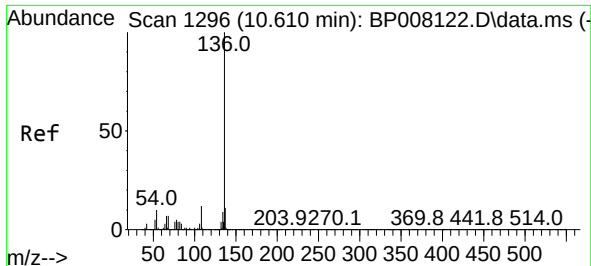
Tgt Ion: 99 Resp: 649224
Ion Ratio Lower Upper
99 100
42 18.8 14.6 22.0
71 41.6 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.875 min Scan# 661
Delta R.T. -0.035 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Tgt Ion: 77 Resp: 194
Ion Ratio Lower Upper
77 100
105 39.0 71.8 111.8#
106 2.1 67.3 107.3#



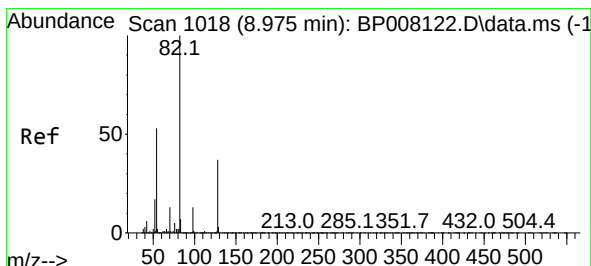
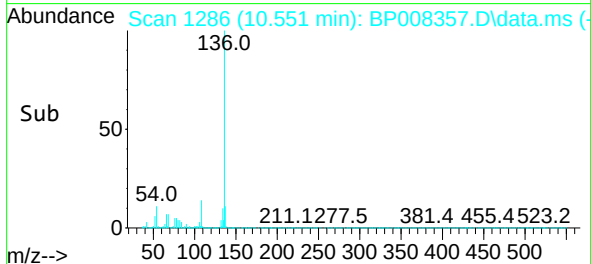
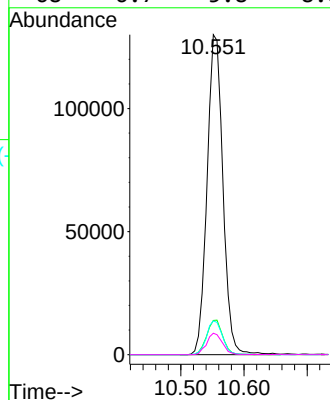
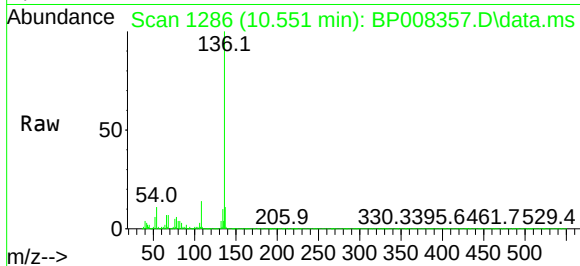


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Instrument :
BNA_P
ClientSampleId :
TP-1S

Tgt Ion:136 Resp: 226709

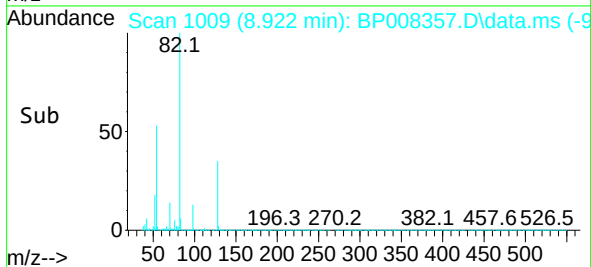
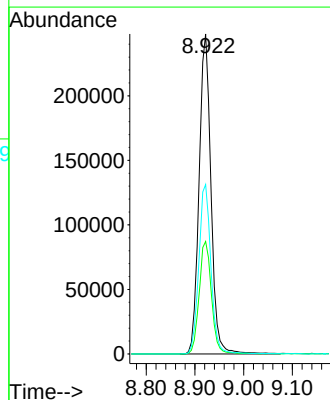
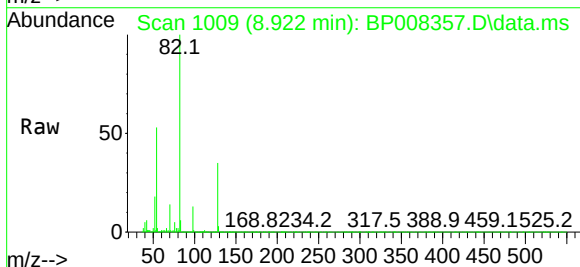
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	10.5	8.2	12.4
68	6.7	5.8	8.8

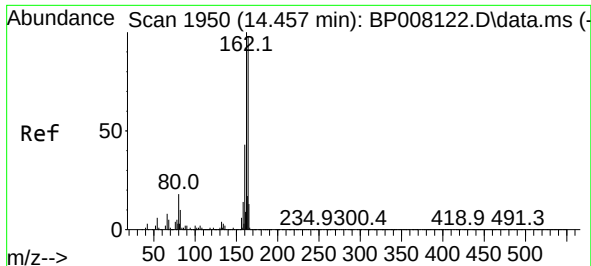


#23
Nitrobenzene-d5
Concen: 84.564 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Tgt Ion: 82 Resp: 421597

Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.6	44.4
54	52.9	42.7	64.1

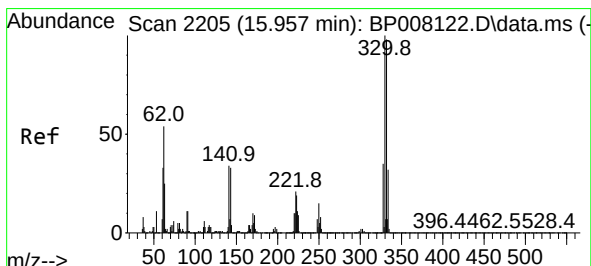
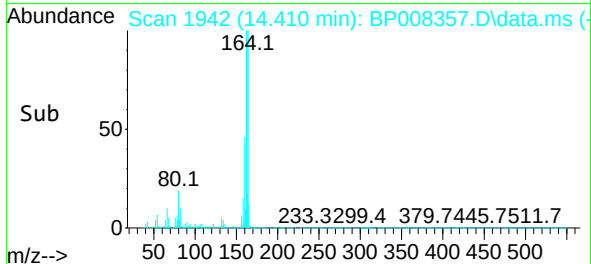
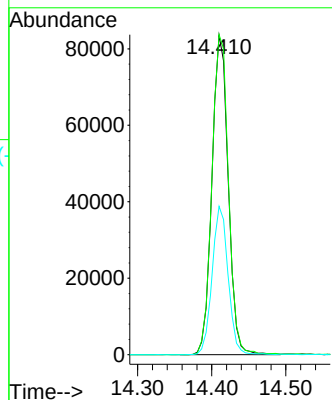
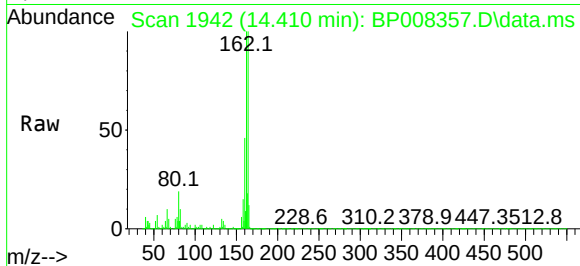




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

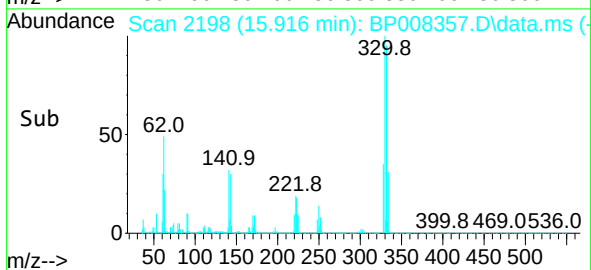
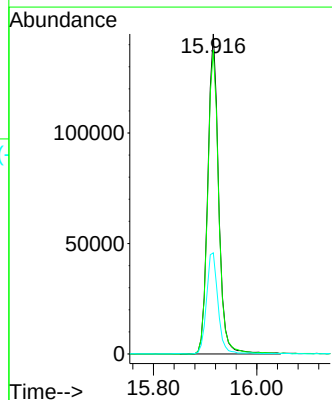
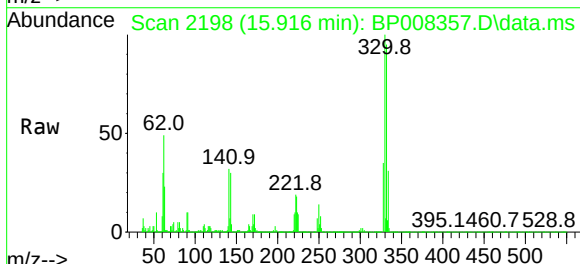
Instrument :
BNA_P
ClientSampleId :
TP-1S

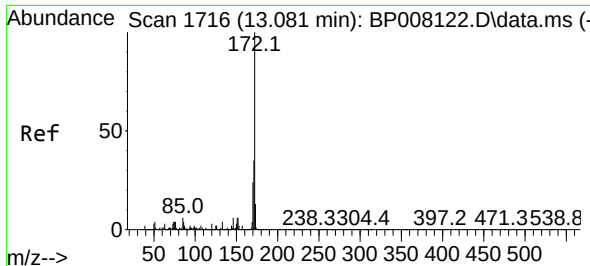
Tgt Ion:164 Resp: 127333
Ion Ratio Lower Upper
164 100
162 100.2 81.9 122.9
160 46.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 129.577 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Tgt Ion:330 Resp: 210891
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 33.5 28.4 42.6

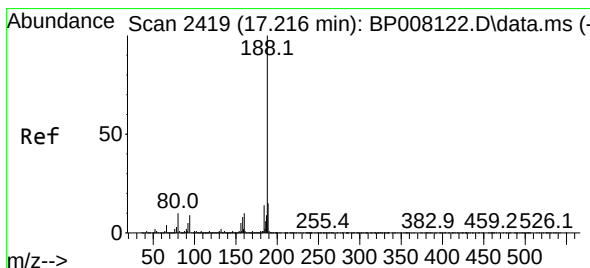
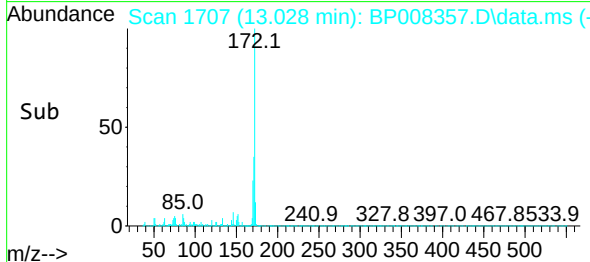
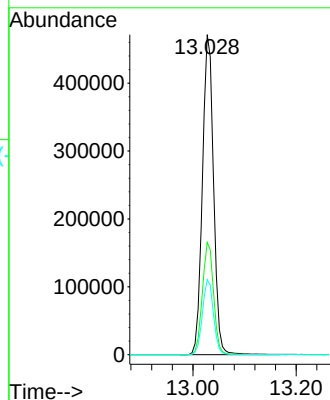
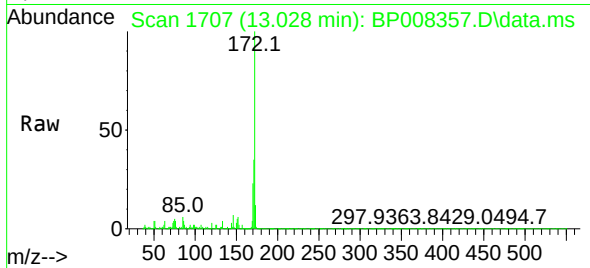




#45
2-Fluorobiphenyl
Concen: 80.518 ng
RT: 13.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

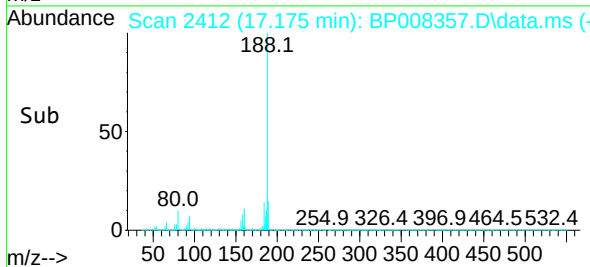
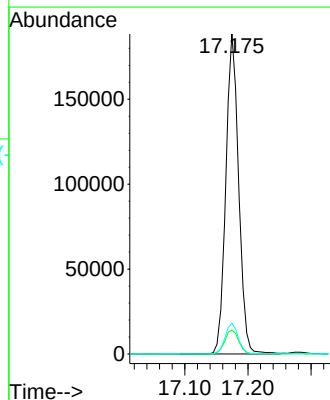
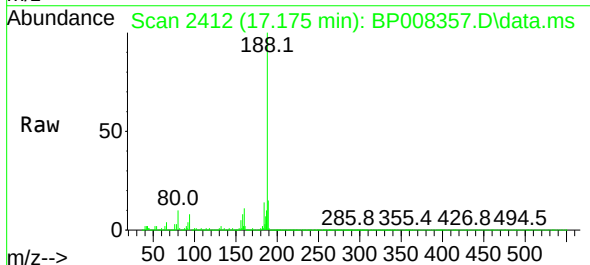
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ClientSampleId :
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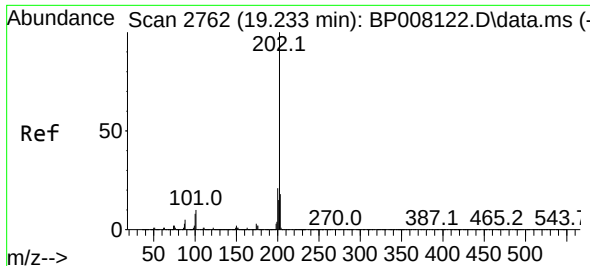
Tgt Ion:172 Resp: 705837
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.4 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Tgt Ion:188 Resp: 266828
Ion Ratio Lower Upper
188 100
94 7.5 7.2 10.8
80 9.6 8.2 12.4

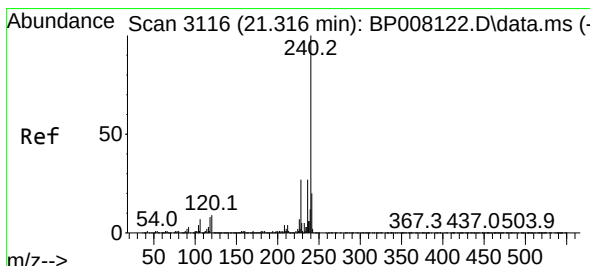
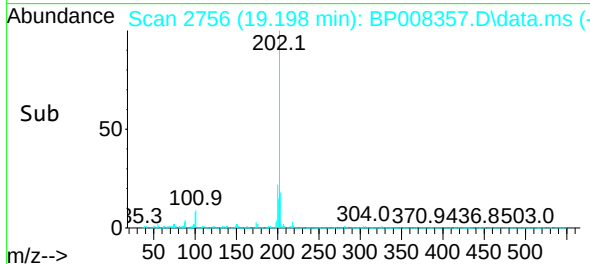
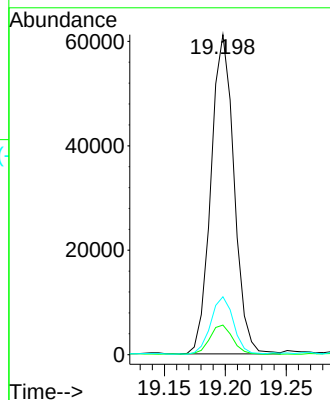
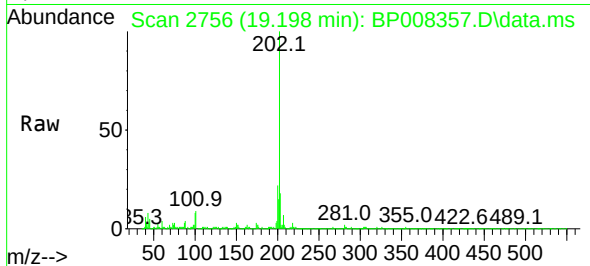




#75
Fluoranthene
Concen: 4.244 ng
RT: 19.198 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

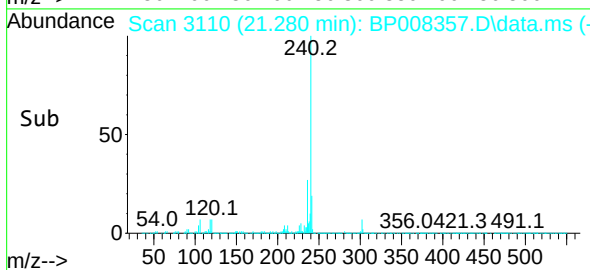
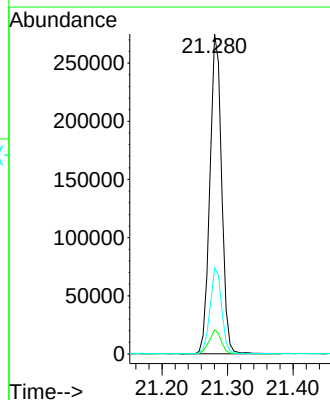
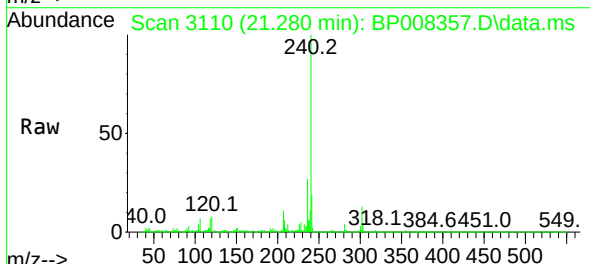
Instrument :
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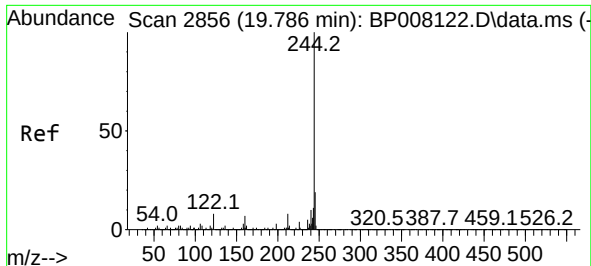
Tgt Ion:202 Resp: 80541
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.8
203 18.1 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Tgt Ion:240 Resp: 342553
Ion Ratio Lower Upper
240 100
120 7.6 7.3 10.9
236 26.8 21.4 32.2

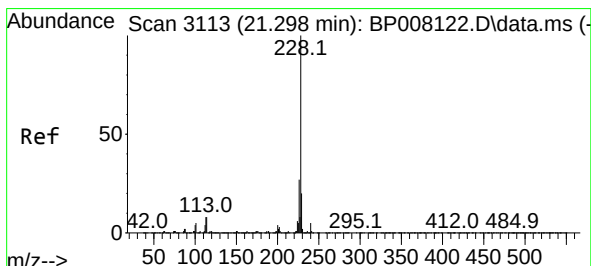
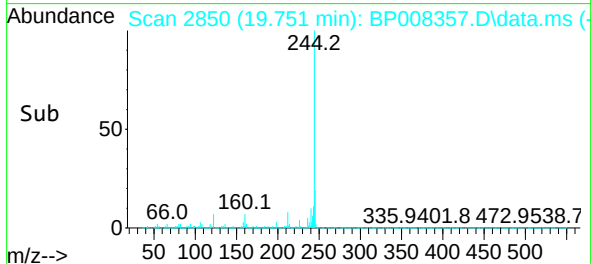
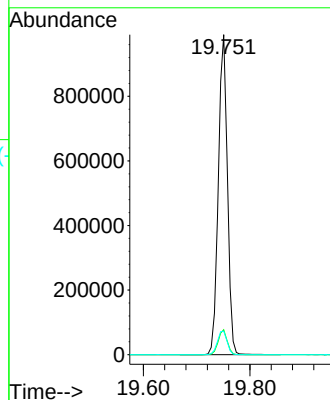
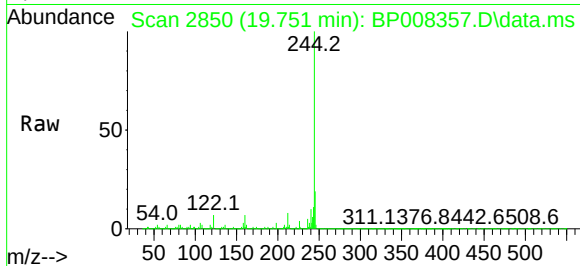




#79
 Terphenyl-d14
 Concen: 71.310 ng
 RT: 19.751 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008357.D
 Acq: 11 Dec 2021 00:30

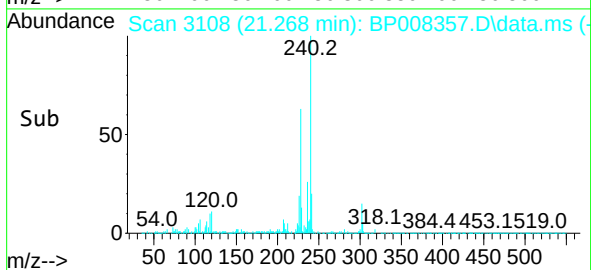
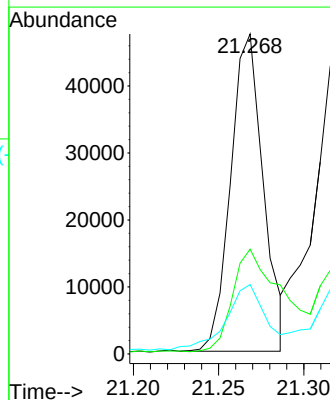
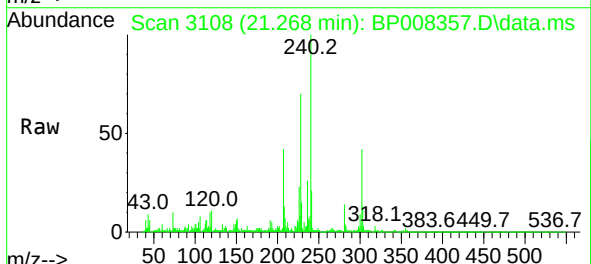
Instrument :
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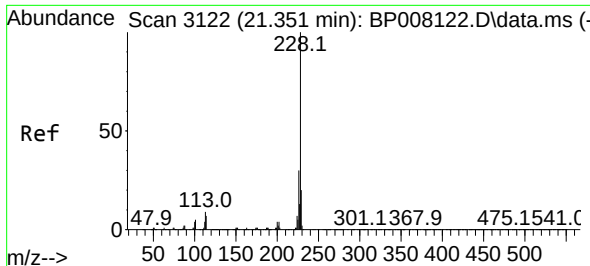
Tgt Ion:244 Resp: 1168820
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 7.4 6.6 9.8



#81
 Benzo(a)anthracene
 Concen: 2.789 ng
 RT: 21.268 min Scan# 3108
 Delta R.T. -0.006 min
 Lab File: BP008357.D
 Acq: 11 Dec 2021 00:30

Tgt Ion:228 Resp: 63323
 Ion Ratio Lower Upper
 228 100
 226 32.7 21.9 32.9
 229 21.7 15.9 23.9





#83

Chrysene

Concen: 3.264 ng

RT: 21.321 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP008357.D

Acq: 11 Dec 2021 00:30

Instrument :

BNA_P

ClientSampleId :

TP-1S

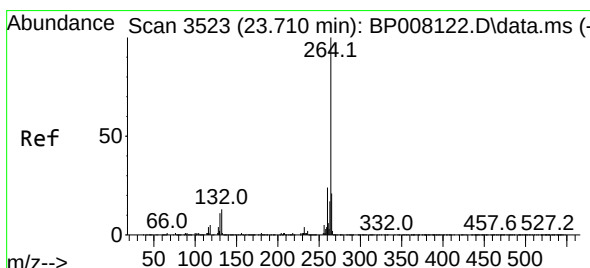
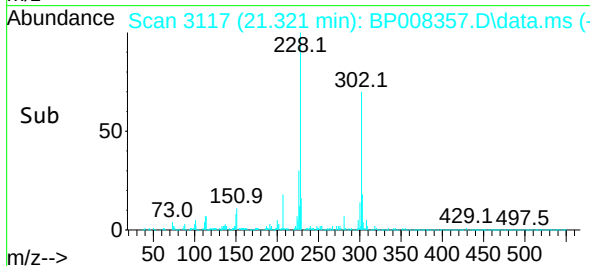
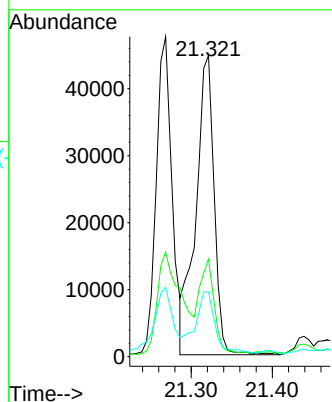
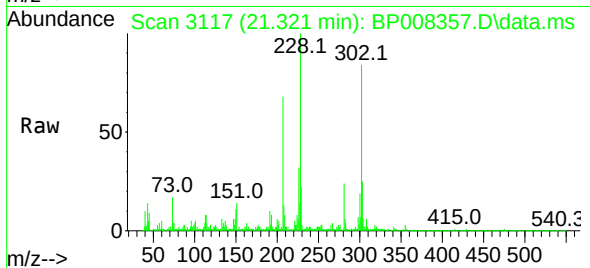
Tgt Ion:228 Resp: 70519

Ion Ratio Lower Upper

228 100

226 32.4 24.0 36.0

229 21.5 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.662 min Scan# 3515

Delta R.T. -0.012 min

Lab File: BP008357.D

Acq: 11 Dec 2021 00:30

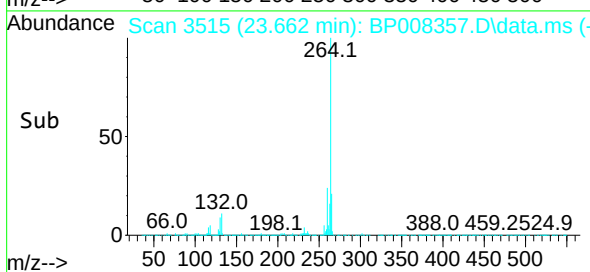
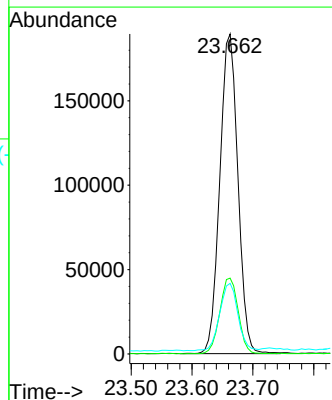
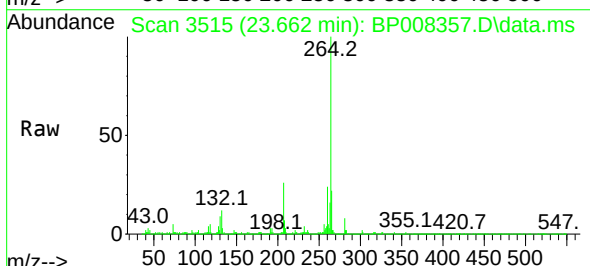
Tgt Ion:264 Resp: 390191

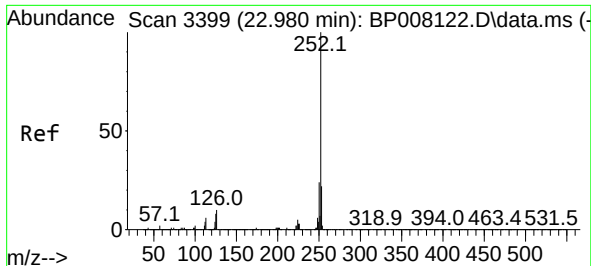
Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 22.0 17.6 26.4

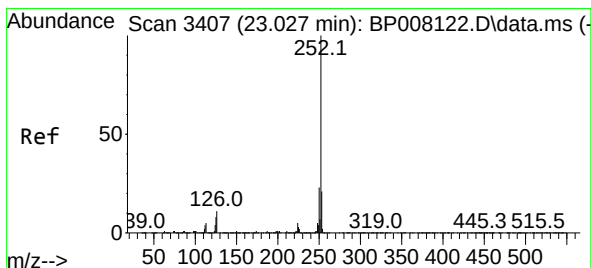
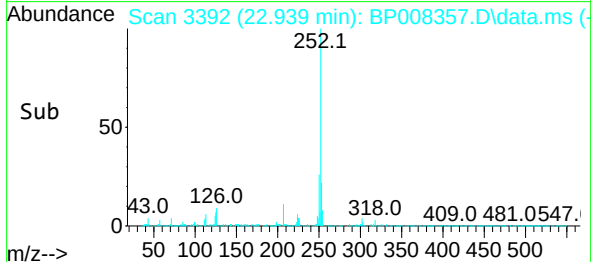
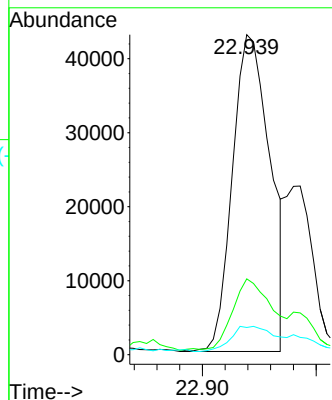
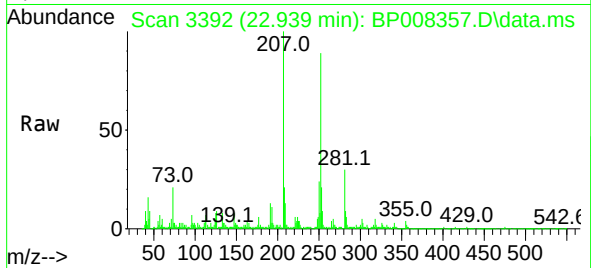




#88
Benzo(b)fluoranthene
Concen: 4.195 ng
RT: 22.939 min Scan# 3399
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

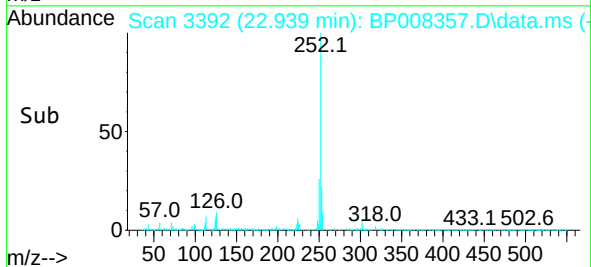
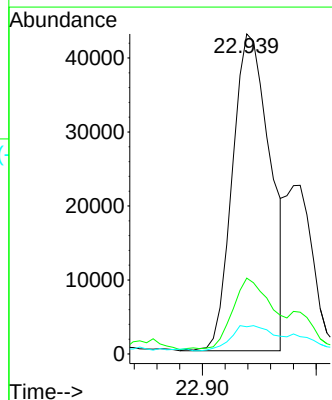
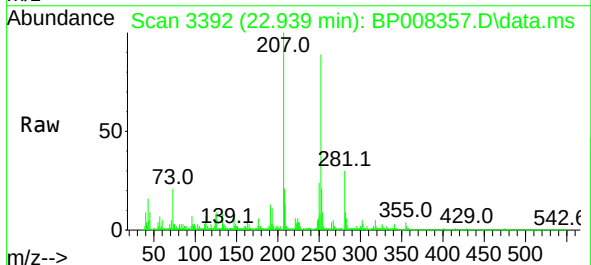
Instrument :
BNA_P
ClientSampleId :
TP-1S

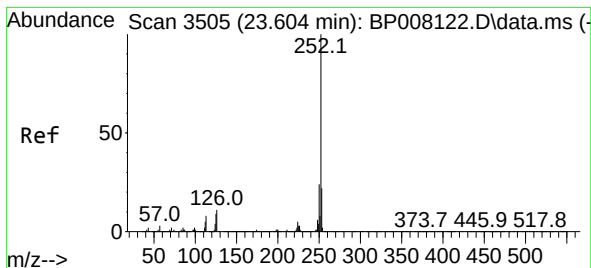
Tgt Ion:252 Resp: 98683
Ion Ratio Lower Upper
252 100
253 23.7 17.7 26.5
125 8.5 6.2 9.4



#89
Benzo(k)fluoranthene
Concen: 4.285 ng
RT: 22.939 min Scan# 3392
Delta R.T. -0.059 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Tgt Ion:252 Resp: 98683
Ion Ratio Lower Upper
252 100
253 23.7 17.3 25.9
125 8.5 6.5 9.7





#90

Benzo(a)pyrene

Concen: 3.659 ng

RT: 23.557 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP008357.D

Acq: 11 Dec 2021 00:30

Instrument :

BNA_P

ClientSampleId :

TP-1S

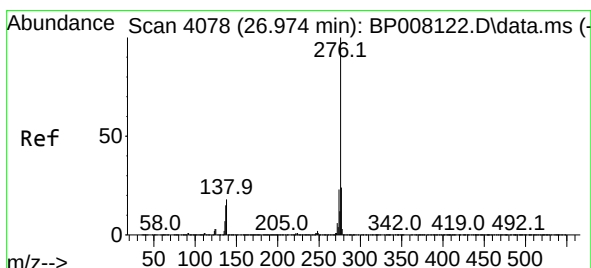
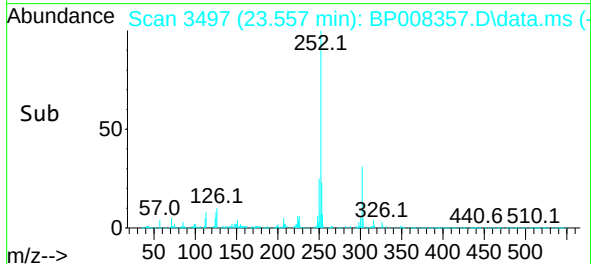
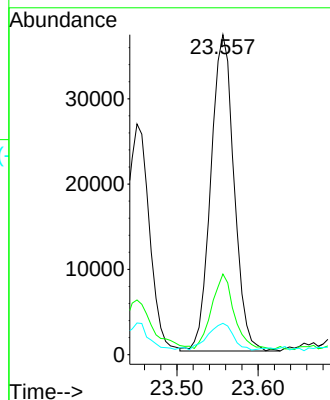
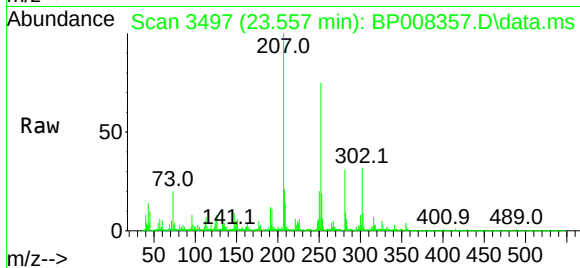
Tgt Ion:252 Resp: 73559

Ion Ratio Lower Upper

252 100

253 25.2 17.6 26.4

125 9.8 7.4 11.0



#92

Benzo(g,h,i)perylene

Concen: 2.208 ng

RT: 26.898 min Scan# 4065

Delta R.T. -0.024 min

Lab File: BP008357.D

Acq: 11 Dec 2021 00:30

Tgt Ion:276 Resp: 52520

Ion Ratio Lower Upper

276 100

277 25.1 20.0 30.0

138 17.0 14.1 21.1

