

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
 Data File : BP007143.D
 Acq On : 24 Sep 2021 01:35
 Operator : CG/JU
 Sample : M3792-03 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT4213

Quant Time: Sep 24 03:08:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

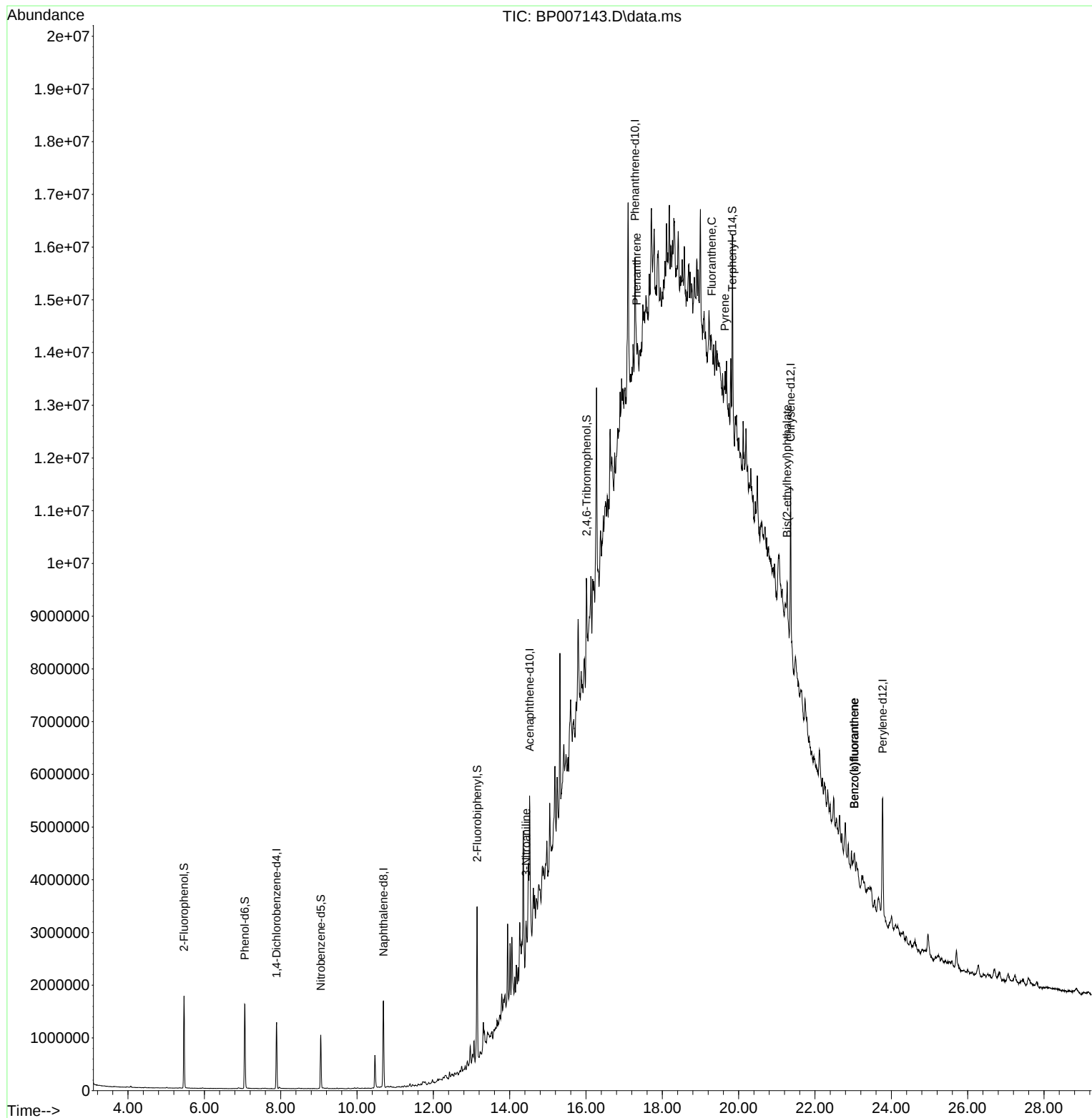
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	366188	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	1428844	20.000	ng	# 0.00
39) Acenaphthene-d10	14.522	164	827051	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1464080	20.000	ng	# 0.00
76) Chrysene-d12	21.363	240	1587940	20.000	ng	# 0.00
86) Perylene-d12	23.774	264	1738864	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	835748	38.204	ng	0.00
7) Phenol-d6	7.057	99	1040447	34.799	ng	0.00
23) Nitrobenzene-d5	9.051	82	605451	24.677	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	428128	39.929	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	1519206	26.316	ng	0.00
79) Terphenyl-d14	19.833	244	1945194	23.474	ng	0.00
Target Compounds						
						Qvalue
53) 3-Nitroaniline	14.428	138	32796	2.496	ng	# 17
71) Phenanthrene	17.328	178	191334	2.437	ng	# 30
75) Fluoranthene	19.292	202	312254	3.452	ng	77
78) Pyrene	19.639	202	279713	2.685	ng	# 78
84) Bis(2-ethylhexyl)phtha...	21.268	149	174132	2.903	ng	# 86
88) Benzo(b)fluoranthene	23.033	252	246112	2.368	ng	# 50
89) Benzo(k)fluoranthene	23.033	252	246112	2.339	ng	# 51

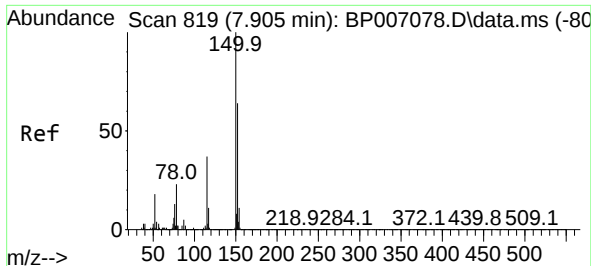
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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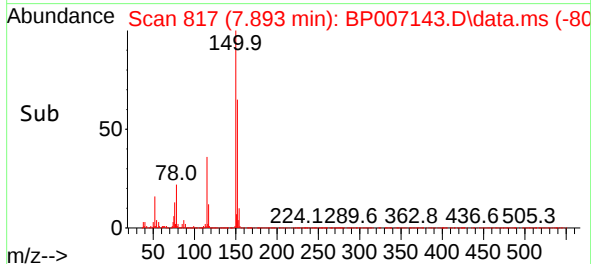
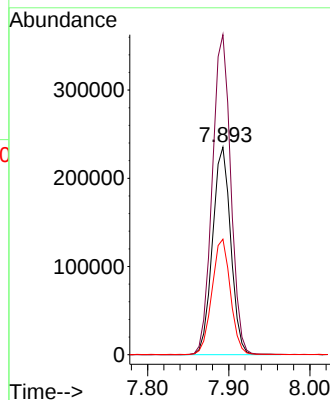
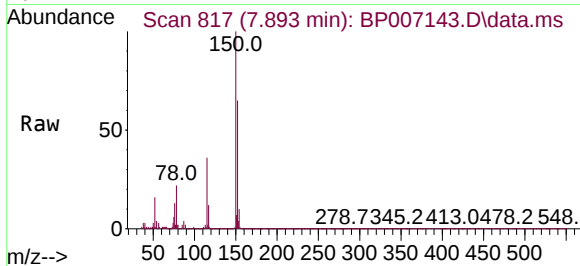




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP007143.D
Acq: 24 Sep 2021 01:35

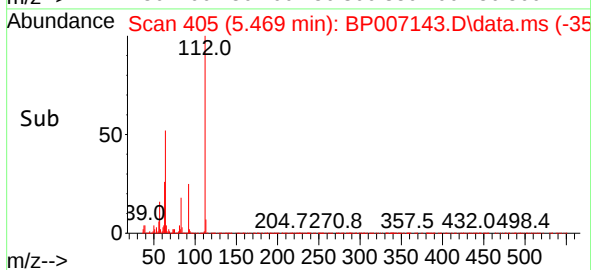
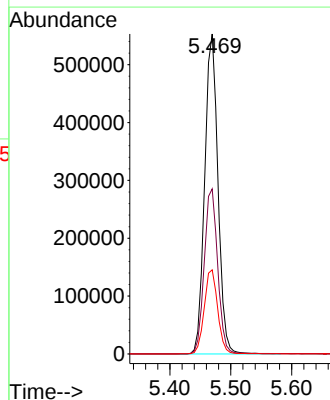
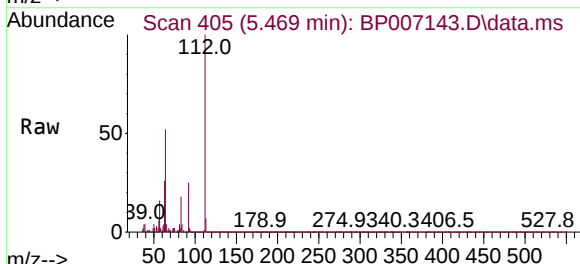
Instrument :
BNA_P
ClientSampleId :
RT4213

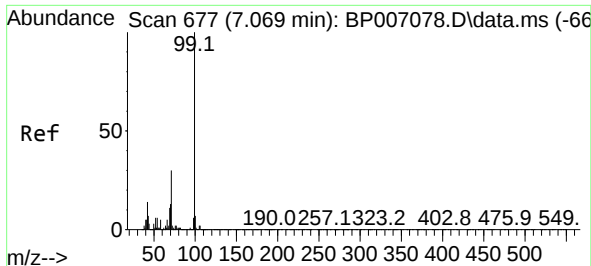
Tgt Ion:152 Resp: 366188
Ion Ratio Lower Upper
152 100
150 154.2 125.6 188.4
115 55.7 48.5 72.7



#5
2-Fluorophenol
Concen: 38.204 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BP007143.D
Acq: 24 Sep 2021 01:35

Tgt Ion:112 Resp: 835748
Ion Ratio Lower Upper
112 100
64 51.6 41.4 62.2
63 26.3 23.8 35.8



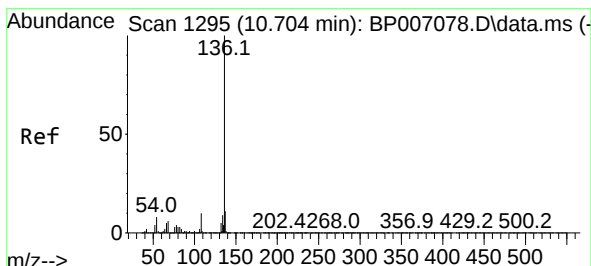
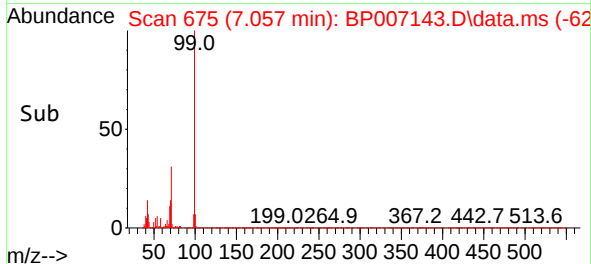
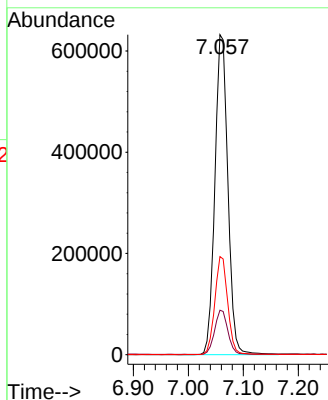
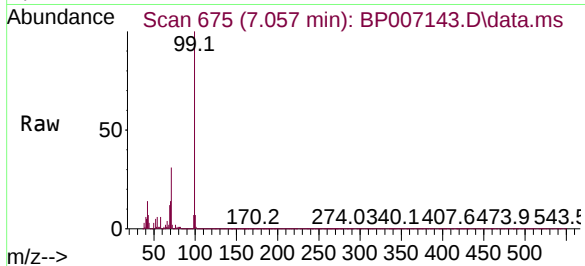


#7
Phenol-d6
Concen: 34.799 ng
RT: 7.057 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP007143.D
Acq: 24 Sep 2021 01:35

Instrument :
BNA_P
ClientSampleId :
RT4213

Tgt Ion: 99 Resp: 1040447

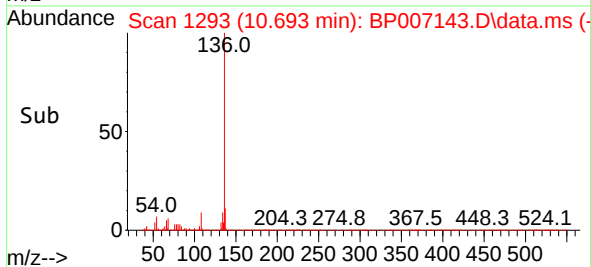
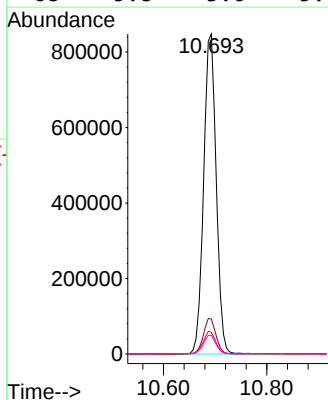
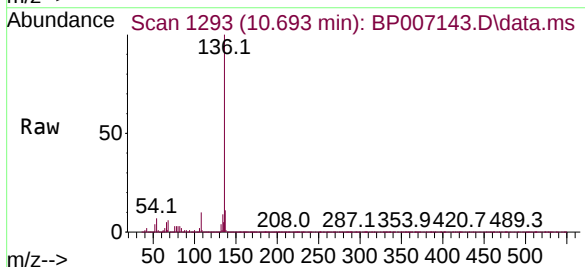
Ion	Ratio	Lower	Upper
99	100		
42	13.9	13.4	20.0
71	30.6	30.6	46.0

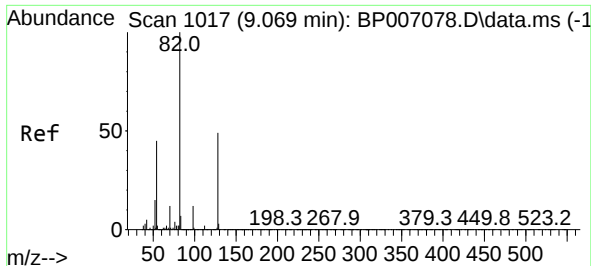


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP007143.D
Acq: 24 Sep 2021 01:35

Tgt Ion: 136 Resp: 1428844

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.8	4.6	6.8
68	5.8	3.6	5.4

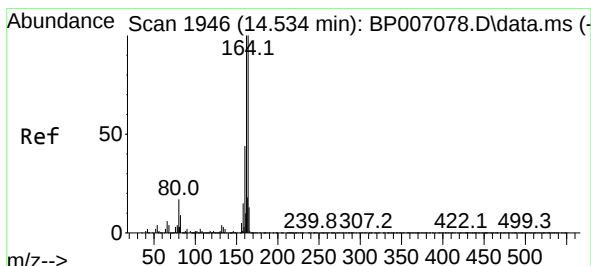
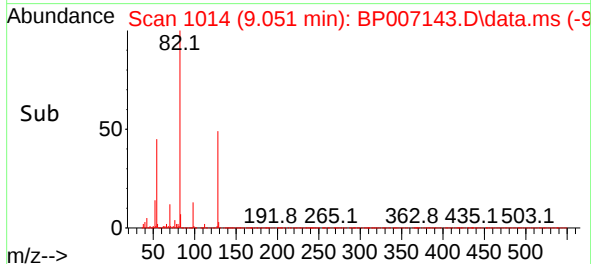
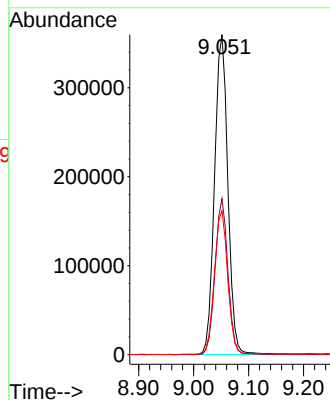
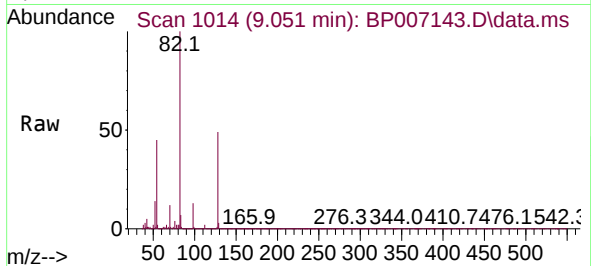




#23
Nitrobenzene-d5
Concen: 24.677 ng
RT: 9.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP007143.D
Acq: 24 Sep 2021 01:35

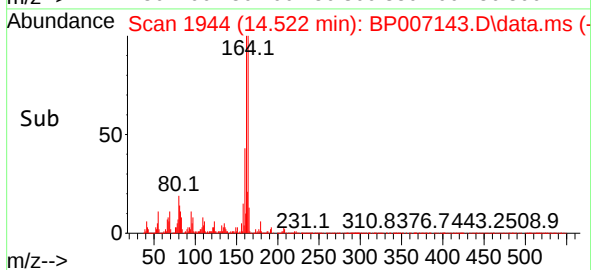
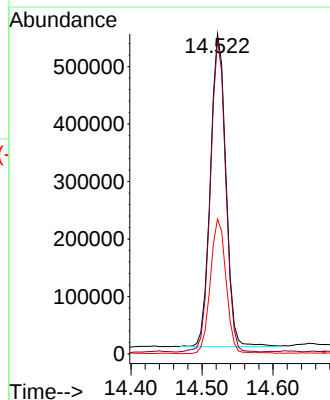
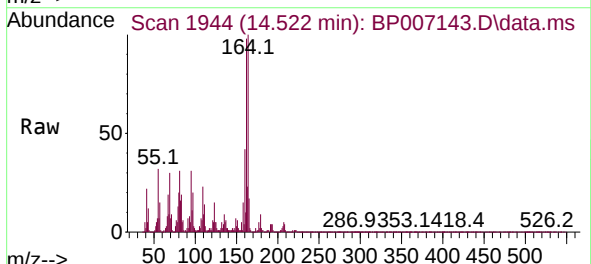
Instrument :
BNA_P
ClientSampleId :
RT4213

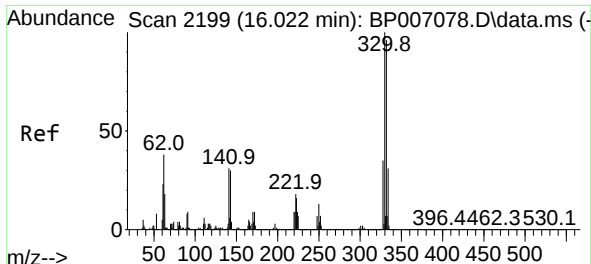
Tgt Ion: 82 Resp: 605451
Ion Ratio Lower Upper
82 100
128 48.7 35.7 53.5
54 45.0 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP007143.D
Acq: 24 Sep 2021 01:35

Tgt Ion: 164 Resp: 827051
Ion Ratio Lower Upper
164 100
162 98.2 80.2 120.2
160 42.2 34.5 51.7

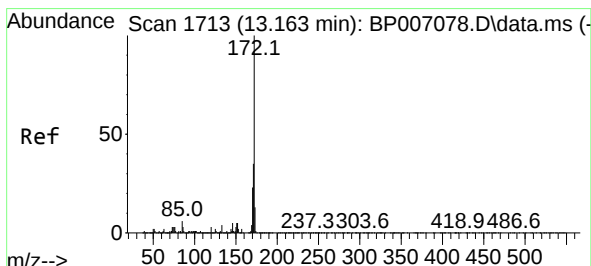
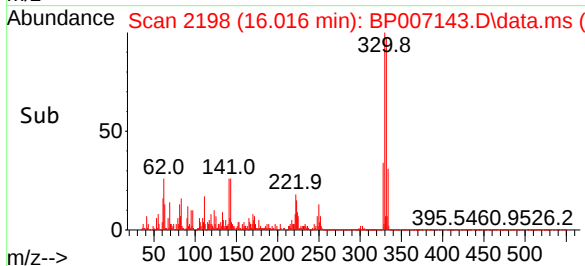
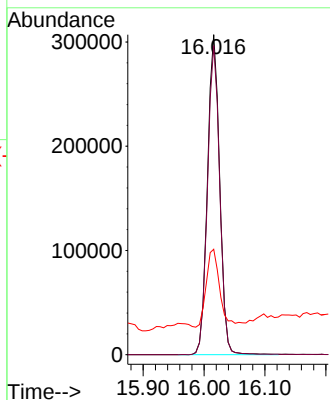
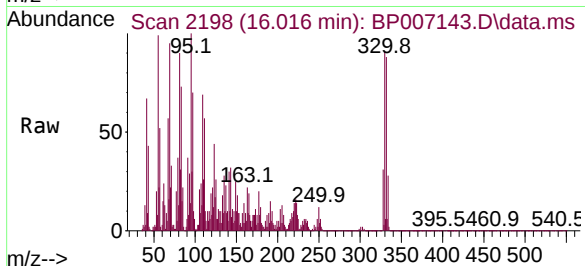




#42
2,4,6-Tribromophenol
Concen: 39.929 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BP007143.D
Acq: 24 Sep 2021 01:35

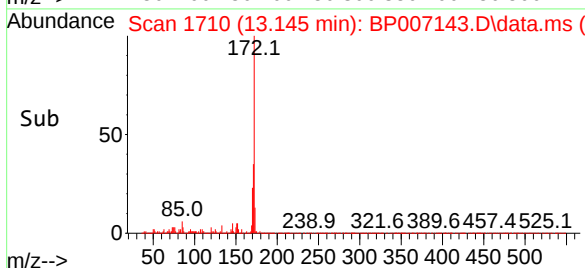
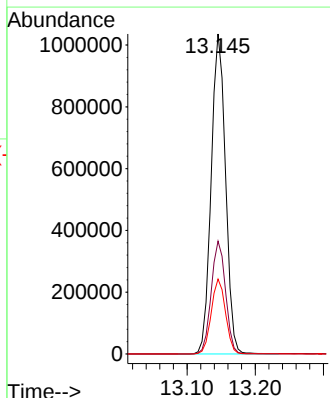
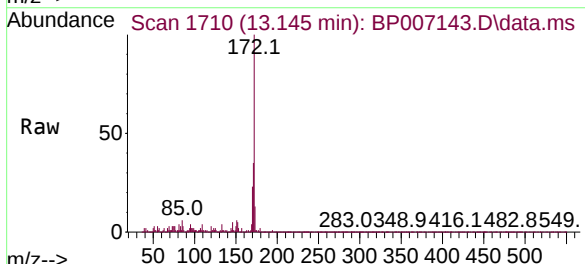
Instrument :
BNA_P
ClientSampleId :
RT4213

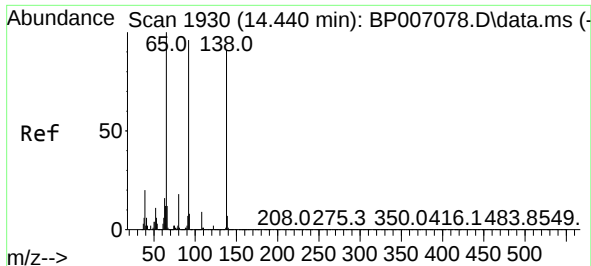
Tgt Ion:330 Resp: 428128
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 27.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 26.316 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP007143.D
Acq: 24 Sep 2021 01:35

Tgt Ion:172 Resp: 1519206
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.4 18.6 27.8

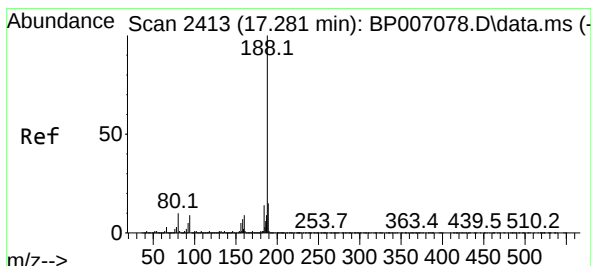
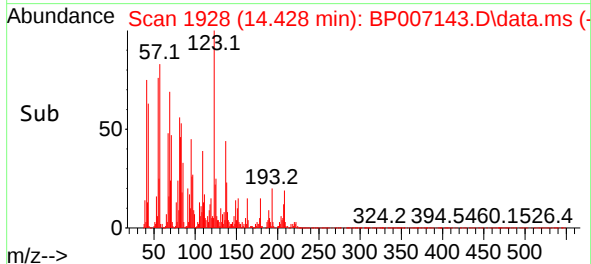
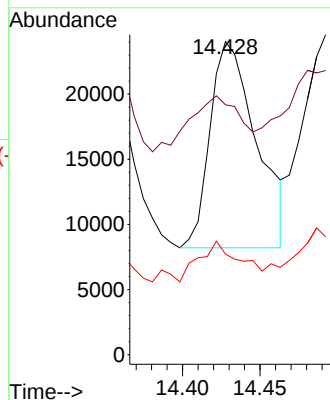
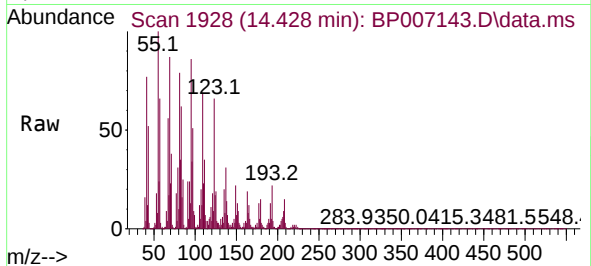




#53
3-Nitroaniline
Concen: 2.496 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP007143.D
Acq: 24 Sep 2021 01:35

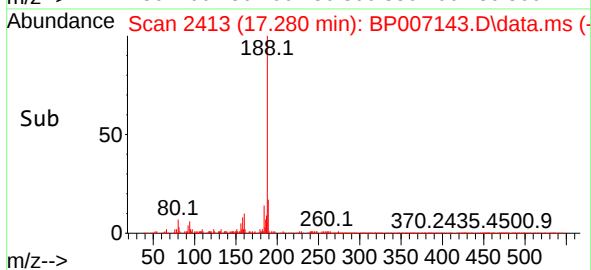
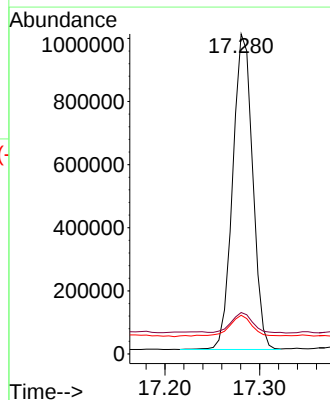
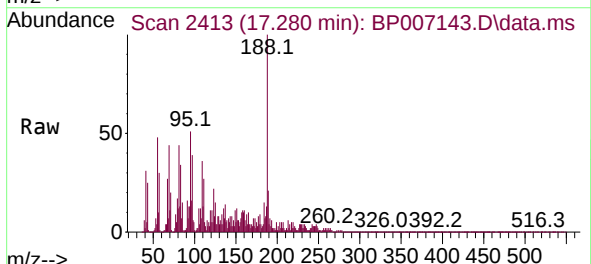
Instrument :
BNA_P
ClientSampleId :
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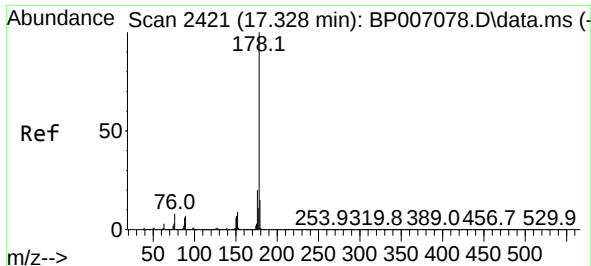
Tgt Ion:138 Resp: 32796
Ion Ratio Lower Upper
138 100
108 79.8 8.4 12.6#
92 32.2 87.8 131.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP007143.D
Acq: 24 Sep 2021 01:35

Tgt Ion:188 Resp: 1464080
Ion Ratio Lower Upper
188 100
94 13.0 5.6 8.4#
80 12.1 6.3 9.5#

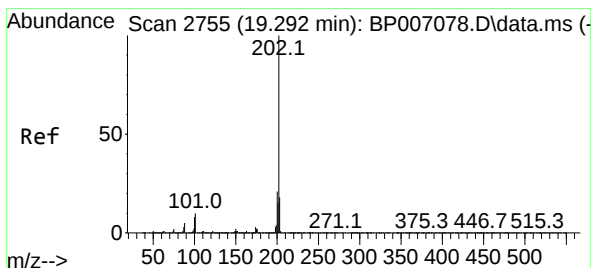
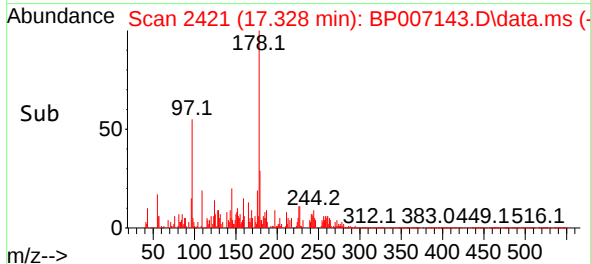
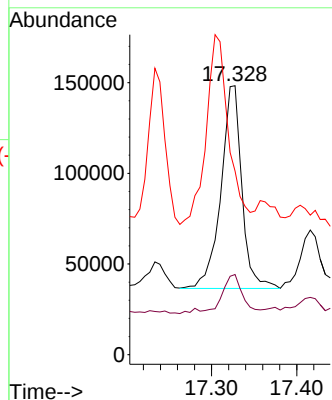
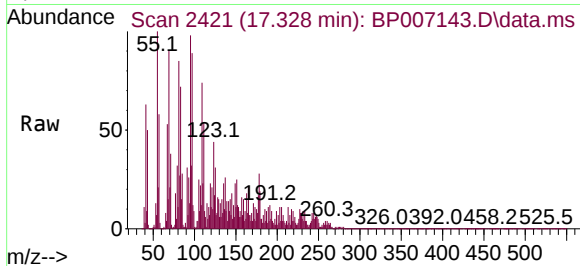




#71
Phenanthrene
Concen: 2.437 ng
RT: 17.328 min Scan# 2421
Delta R.T. 0.012 min
Lab File: BP007143.D
Acq: 24 Sep 2021 01:35

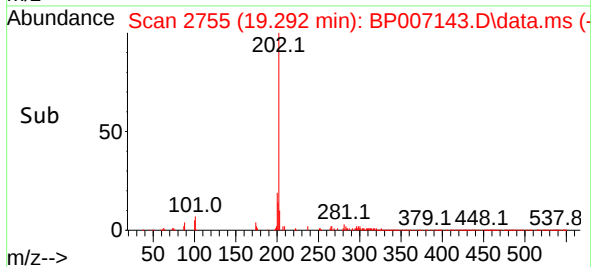
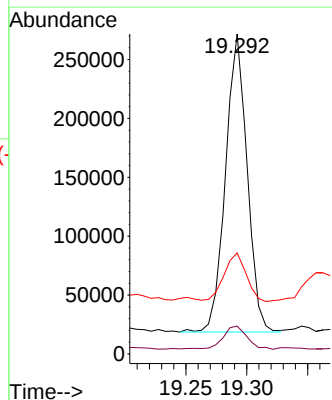
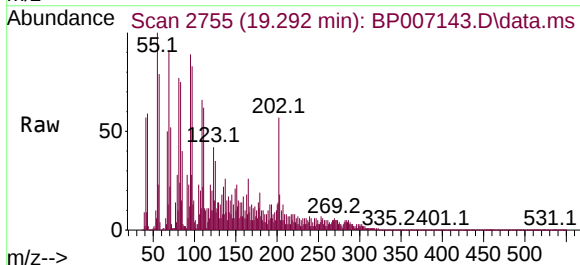
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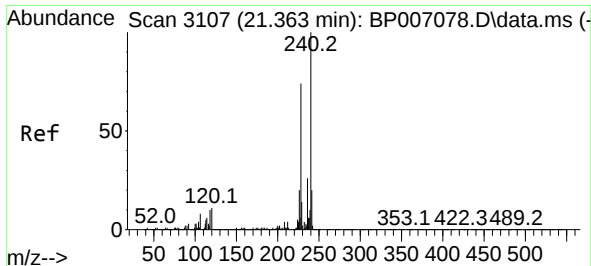
Tgt Ion:178 Resp: 191334
Ion Ratio Lower Upper
178 100
176 29.8 15.1 22.7#
179 68.2 12.4 18.6#



#75
Fluoranthene
Concen: 3.452 ng
RT: 19.292 min Scan# 2755
Delta R.T. 0.012 min
Lab File: BP007143.D
Acq: 24 Sep 2021 01:35

Tgt Ion:202 Resp: 312254
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.6
203 31.5 0.0 37.8

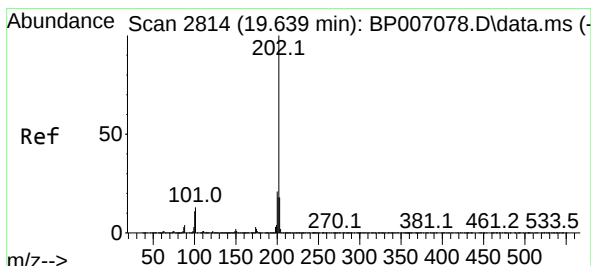
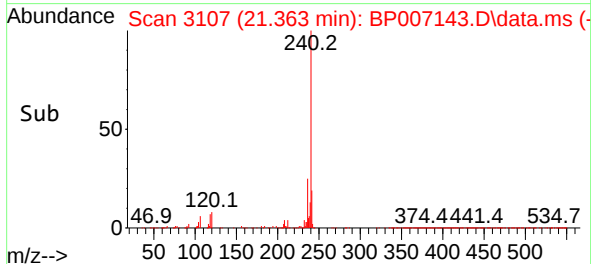
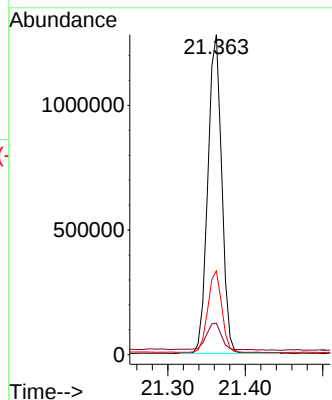
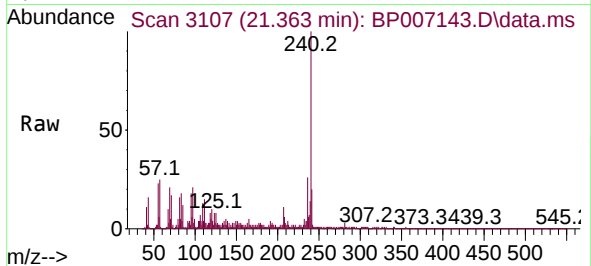




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3107
Delta R.T. 0.006 min
Lab File: BP007143.D
Acq: 24 Sep 2021 01:35

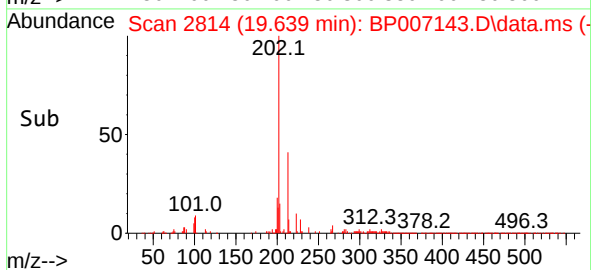
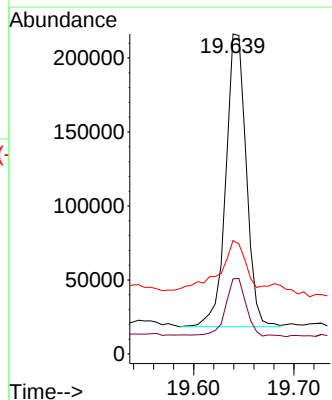
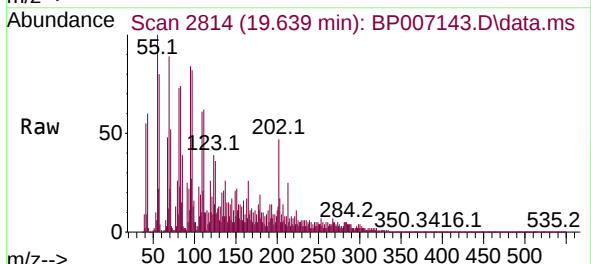
Instrument :
BNA_P
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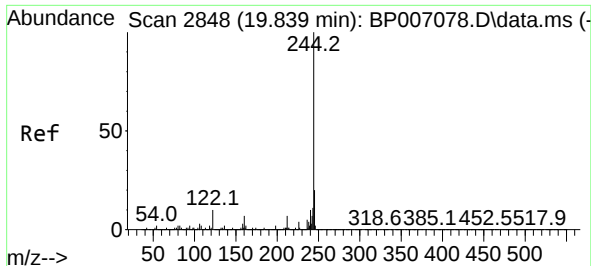
Tgt Ion:240 Resp: 1587940
Ion Ratio Lower Upper
240 100
120 9.9 6.5 9.7#
236 26.2 20.6 31.0



#78
Pyrene
Concen: 2.685 ng
RT: 19.639 min Scan# 2814
Delta R.T. 0.006 min
Lab File: BP007143.D
Acq: 24 Sep 2021 01:35

Tgt Ion:202 Resp: 279713
Ion Ratio Lower Upper
202 100
200 23.4 16.3 24.5
203 35.5 14.2 21.2#

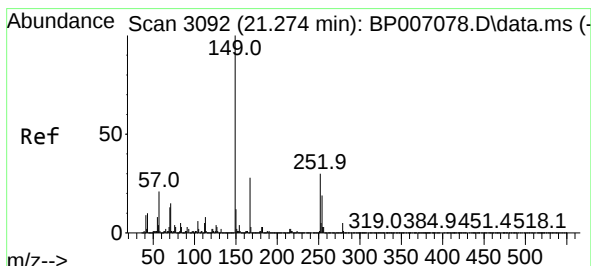
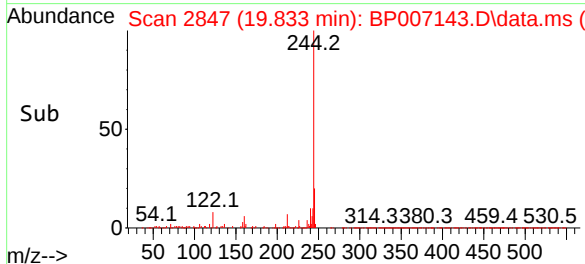
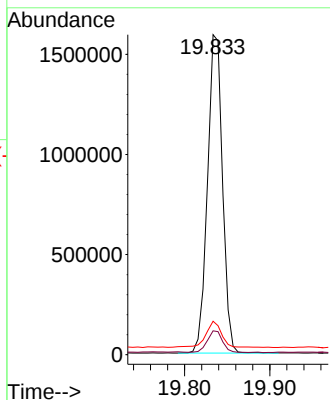
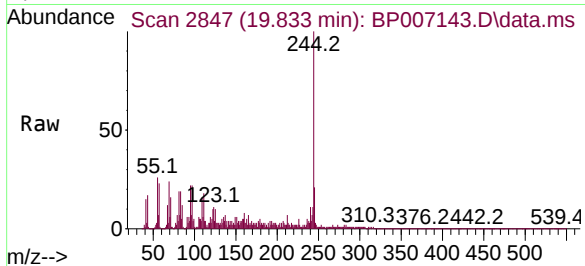




#79
 Terphenyl-d14
 Concen: 23.474 ng
 RT: 19.833 min Scan# 2847
 Delta R.T. -0.000 min
 Lab File: BP007143.D
 Acq: 24 Sep 2021 01:35

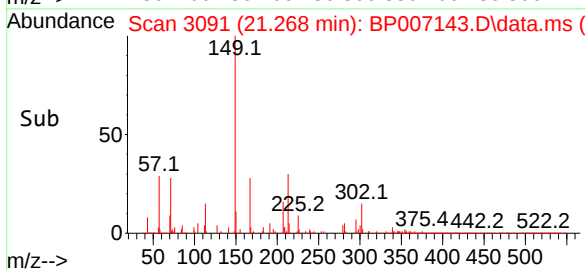
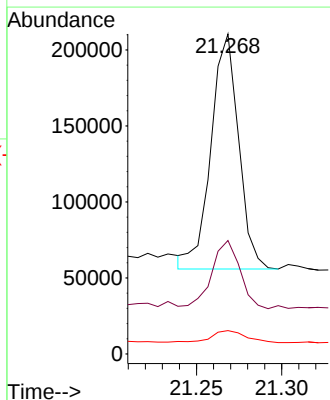
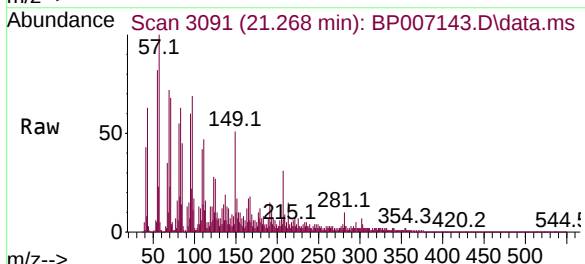
Instrument :
 BNA_P
 ClientSampleId :
 RT4213

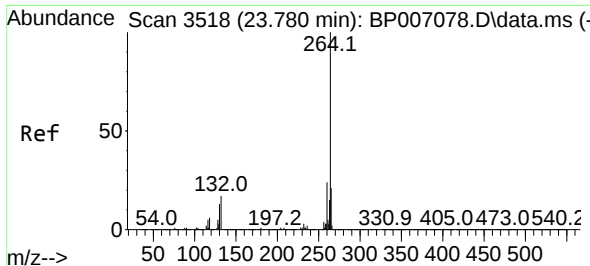
Tgt Ion:244 Resp: 1945194
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 10.5 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.903 ng
 RT: 21.268 min Scan# 3091
 Delta R.T. -0.000 min
 Lab File: BP007143.D
 Acq: 24 Sep 2021 01:35

Tgt Ion:149 Resp: 174132
 Ion Ratio Lower Upper
 149 100
 167 35.5 21.9 32.9#
 279 7.3 4.3 6.5#

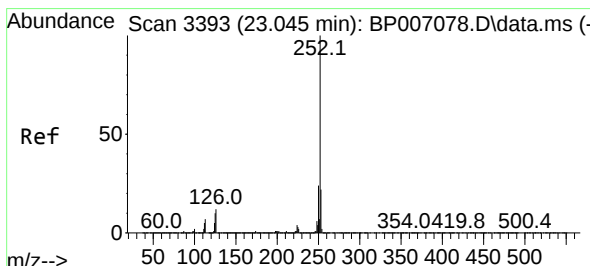
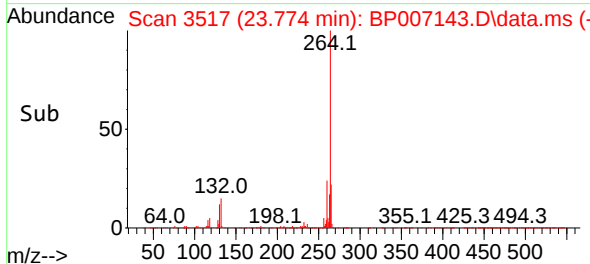
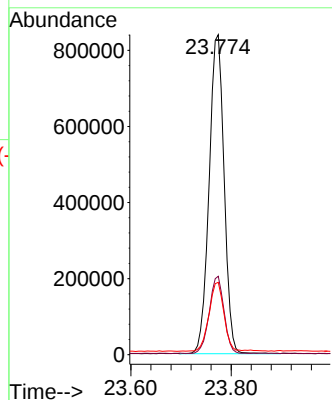
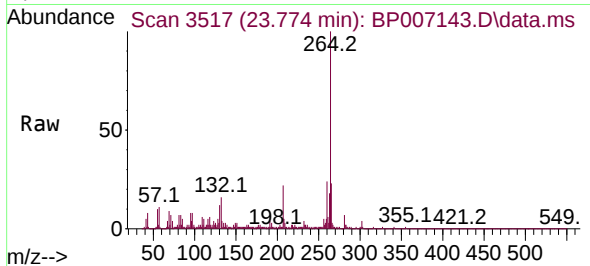




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. 0.006 min
Lab File: BP007143.D
Acq: 24 Sep 2021 01:35

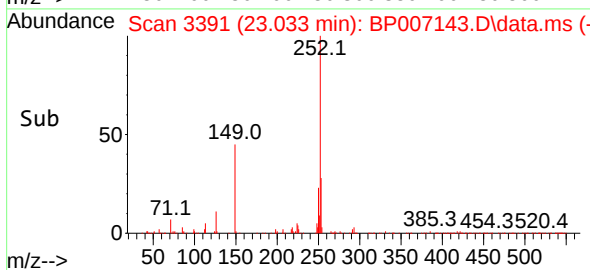
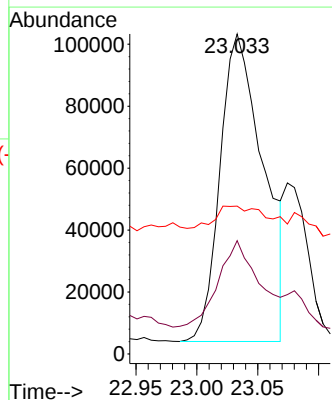
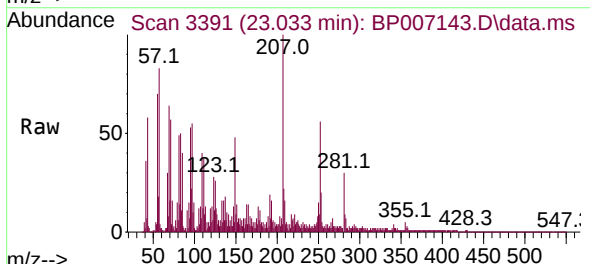
Instrument :
BNA_P
ClientSampleId :
RT4213

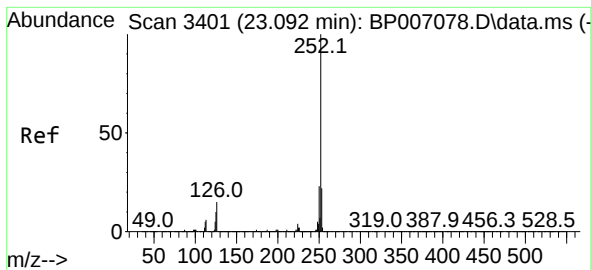
Tgt Ion:264 Resp: 1738864
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 22.6 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 2.368 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.000 min
Lab File: BP007143.D
Acq: 24 Sep 2021 01:35

Tgt Ion:252 Resp: 246112
Ion Ratio Lower Upper
252 100
253 35.4 17.5 26.3#
125 46.2 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 2.339 ng

RT: 23.033 min Scan# 3391

Delta R.T. -0.053 min

Lab File: BP007143.D

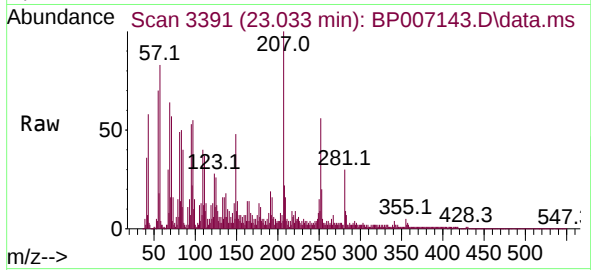
Acq: 24 Sep 2021 01:35

Instrument :

BNA_P

ClientSampleId :

RT4213



Tgt Ion:252 Resp: 246112

Ion Ratio Lower Upper

252 100

253 35.4 17.6 26.4#

125 46.2 6.0 9.0#

