

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
 Data File : BP007252.D
 Acq On : 29 Sep 2021 18:46
 Operator : CG/JU
 Sample : M3971-10 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 KEARNY-COMP

Quant Time: Sep 30 02:42:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 29 14:45:49 2021
 Response via : Initial Calibration

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

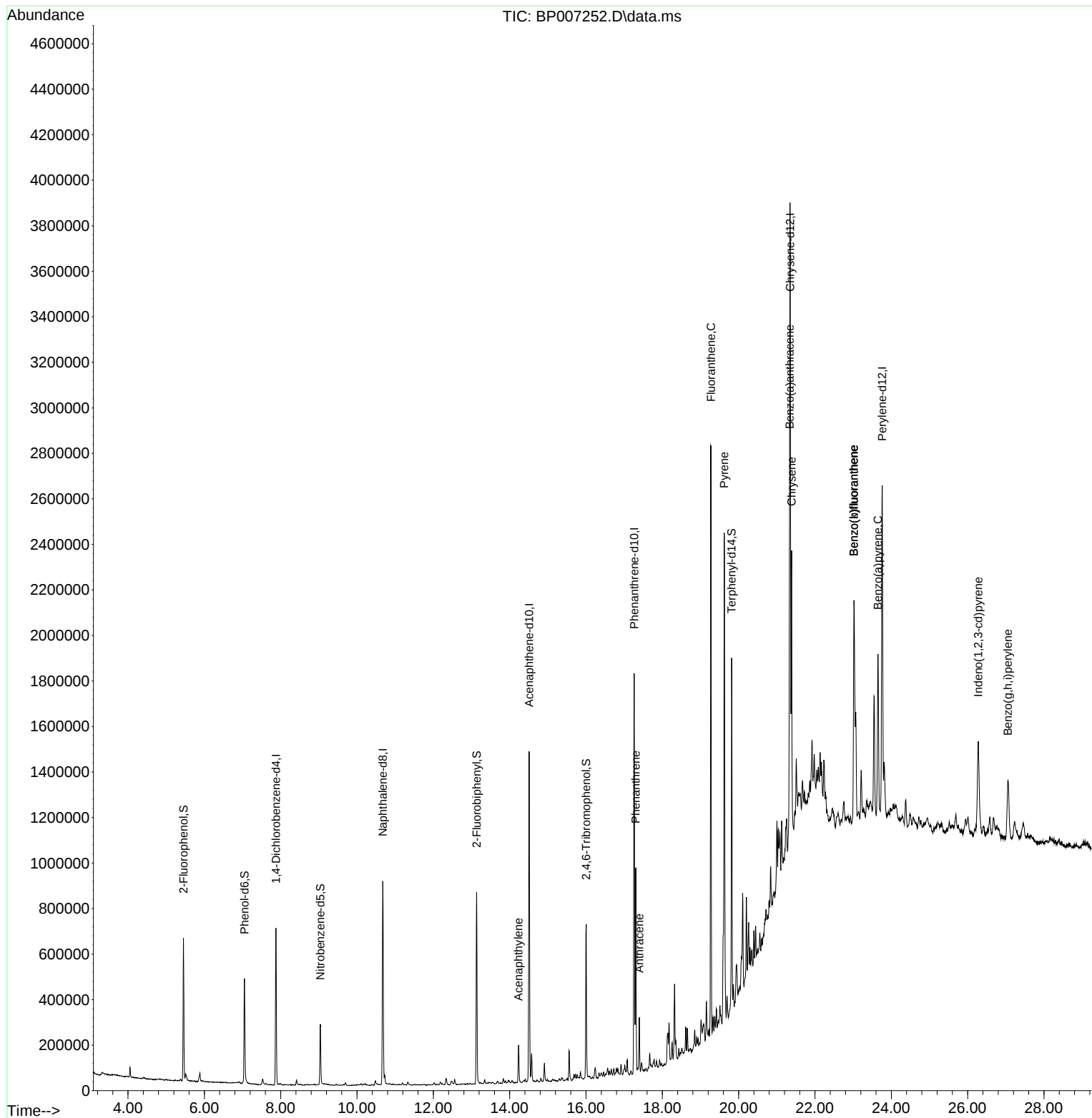
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	198565	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	782991	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	516018	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1085297	20.000	ng	# 0.00
76) Chrysene-d12	21.351	240	1146122	20.000	ng	0.00
86) Perylene-d12	23.763	264	1111596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	287990	24.278	ng	0.00
7) Phenol-d6	7.052	99	298956	18.440	ng	0.00
23) Nitrobenzene-d5	9.040	82	167063	12.426	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	141537	21.157	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	466446	12.950	ng	0.00
79) Terphenyl-d14	19.816	244	715406	11.961	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	14.234	152	130027	2.839	ng	98
71) Phenanthrene	17.304	178	534971	9.193	ng	99
72) Anthracene	17.398	178	156721	2.753	ng	99
75) Fluoranthene	19.275	202	1575294	23.496	ng	98
78) Pyrene	19.622	202	1325504	17.627	ng	99
81) Benzo(a)anthracene	21.333	228	645577	8.678	ng	97
83) Chrysene	21.386	228	724033	10.183	ng	96
87) Indeno(1,2,3-cd)pyrene	26.280	276	409542	5.127	ng	99
88) Benzo(b)fluoranthene	23.021	252	914950	13.773	ng	# 97
89) Benzo(k)fluoranthene	23.021	252	914950	13.603	ng	# 97
90) Benzo(a)pyrene	23.651	252	543760	9.635	ng	# 96
92) Benzo(g,h,i)perylene	27.057	276	378529	5.794	ng	95

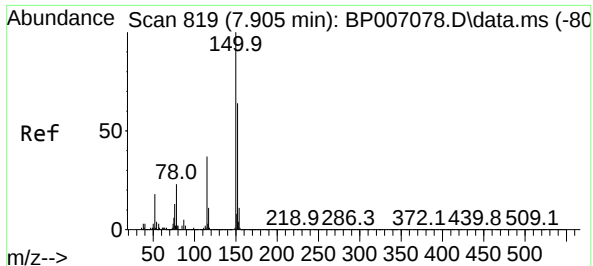
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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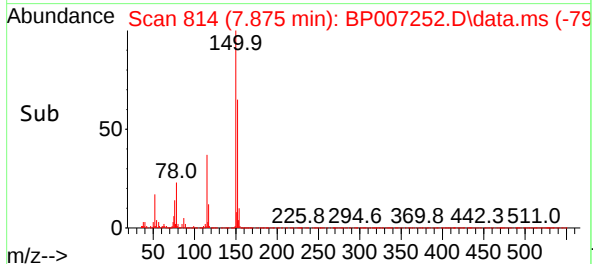
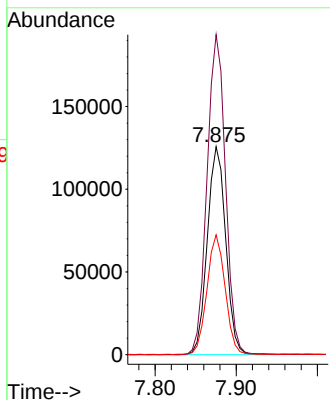
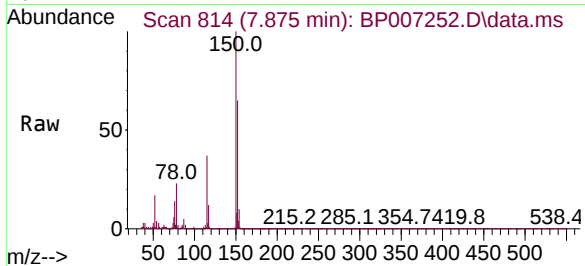




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

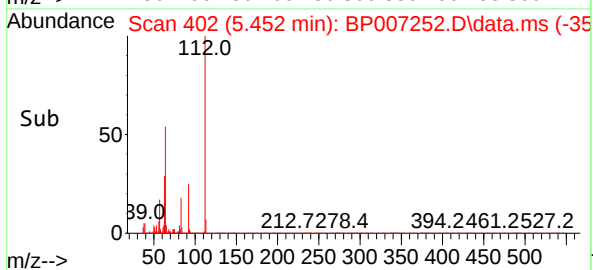
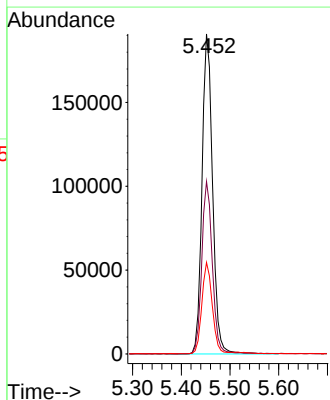
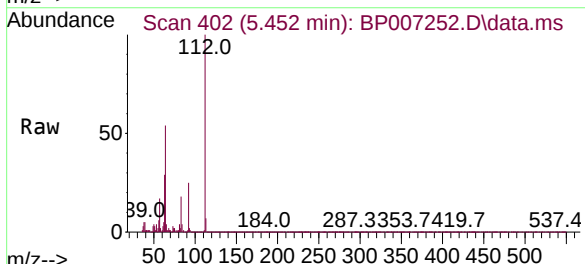
Instrument :
BNA_P
ClientSampleId :
KEARNY-COMP

Tgt Ion:152 Resp: 198565
Ion Ratio Lower Upper
152 100
150 153.8 125.6 188.4
115 57.6 48.5 72.7



#5
2-Fluorophenol
Concen: 24.278 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.000 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

Tgt Ion:112 Resp: 287990
Ion Ratio Lower Upper
112 100
64 53.9 41.4 62.2
63 28.6 23.8 35.8

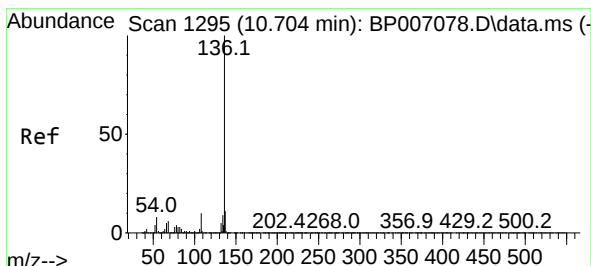
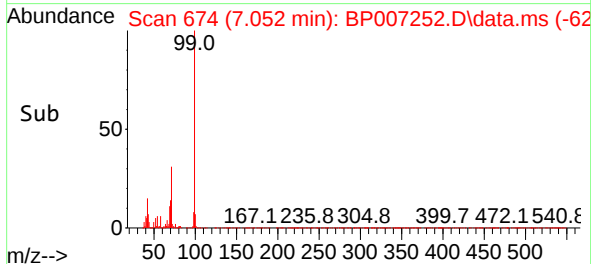
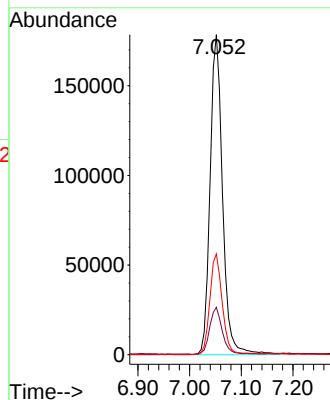
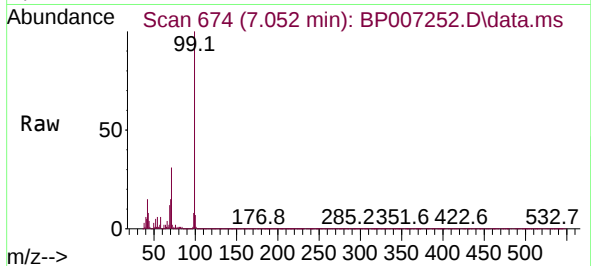




#7
Phenol-d6
Concen: 18.440 ng
RT: 7.052 min Scan# 674
Delta R.T. 0.000 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

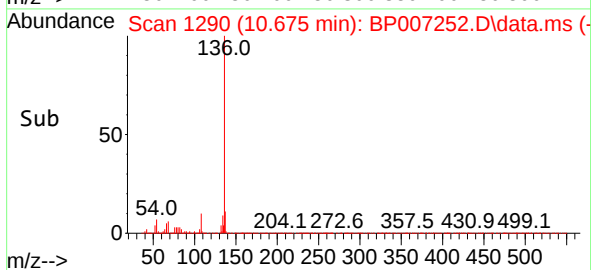
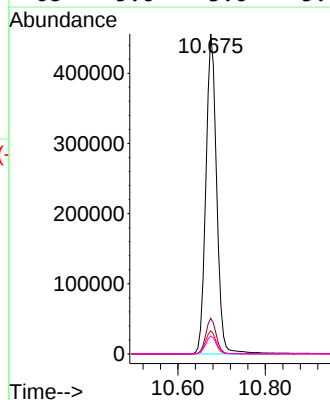
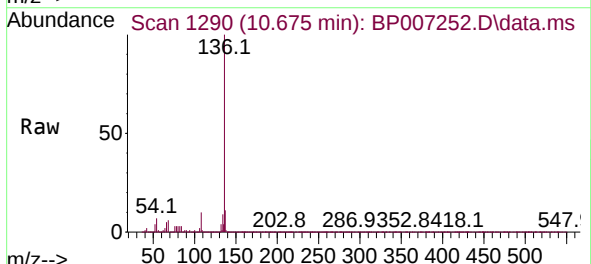
Instrument :
BNA_P
ClientSampleId :
KEARNY-COMP

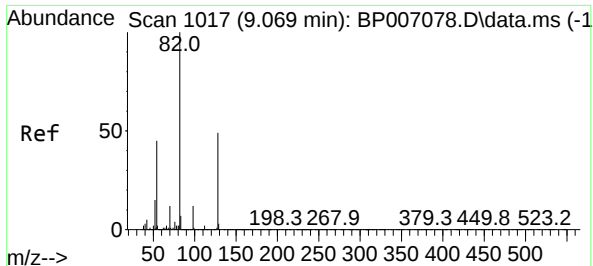
Tgt Ion:	99	Resp:	298956
Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.4	20.0
71	31.5	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

Tgt Ion:	136	Resp:	782991
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.3	4.6	6.8#
68	5.6	3.6	5.4#

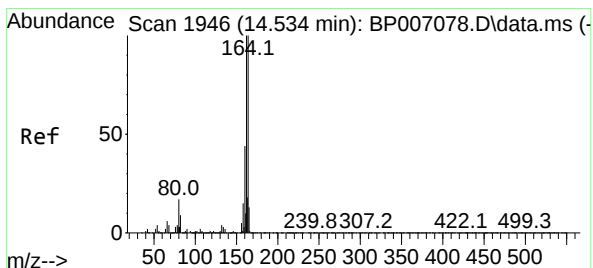
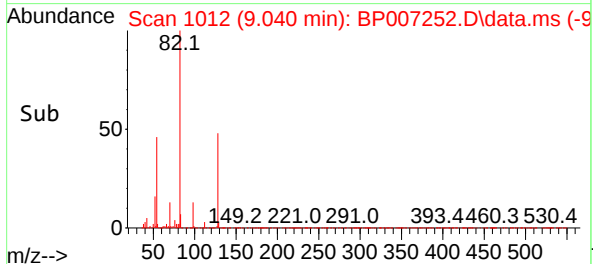
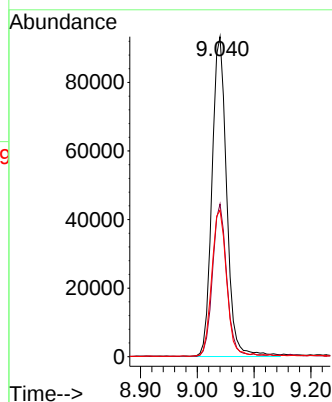
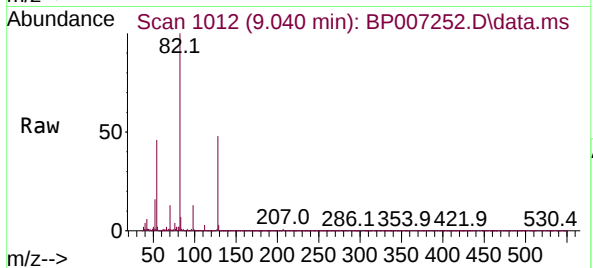




#23
Nitrobenzene-d5
Concen: 12.426 ng
RT: 9.040 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

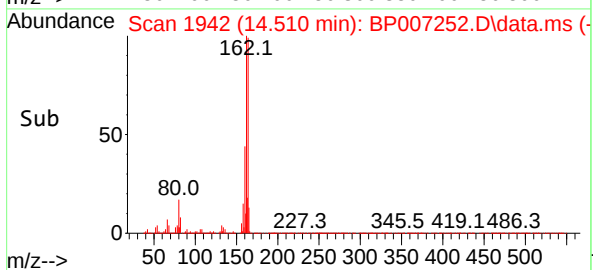
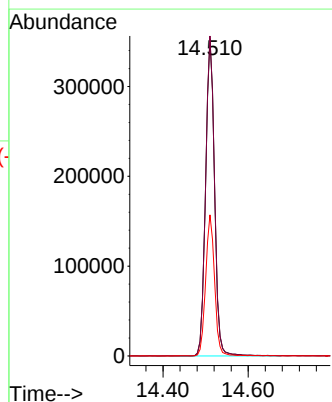
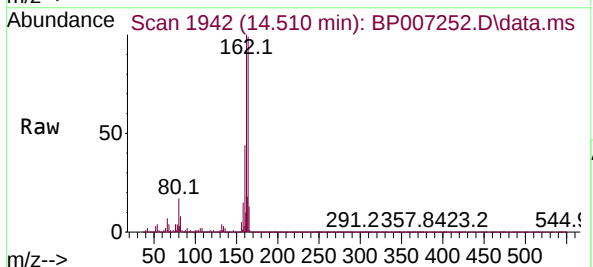
Instrument :
BNA_P
ClientSampleId :
KEARNY-COMP

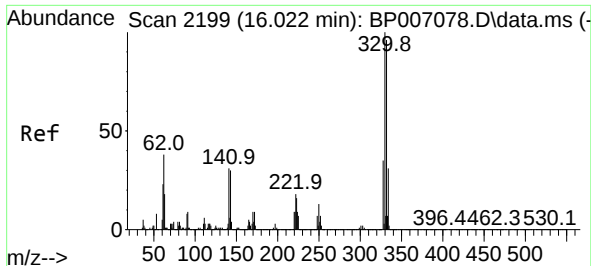
Tgt Ion: 82 Resp: 167063
Ion Ratio Lower Upper
82 100
128 47.7 35.7 53.5
54 45.8 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

Tgt Ion:164 Resp: 516018
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 44.5 34.5 51.7

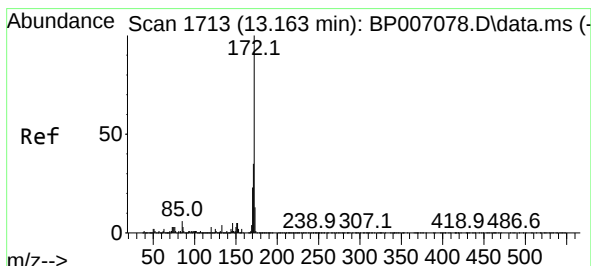
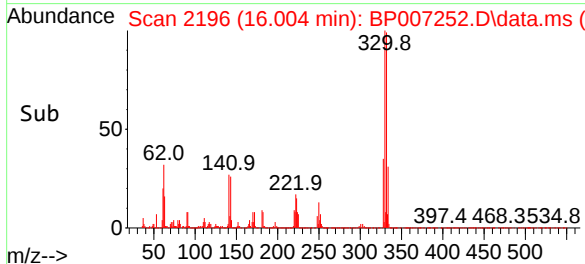
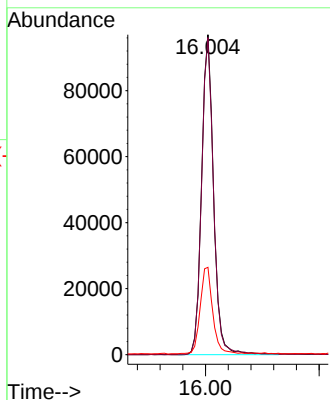
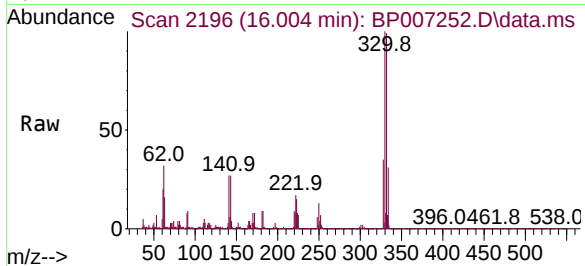




#42
2,4,6-Tribromophenol
Concen: 21.157 ng
RT: 16.004 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

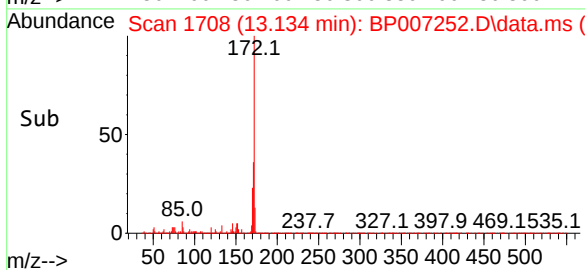
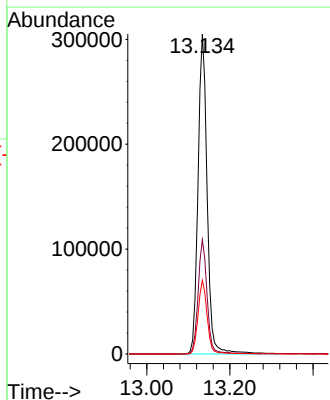
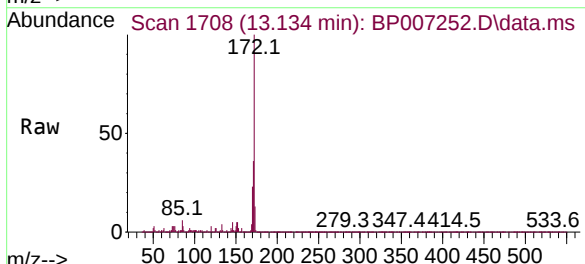
Instrument :
BNA_P
ClientSampleId :
KEARNY-COMP

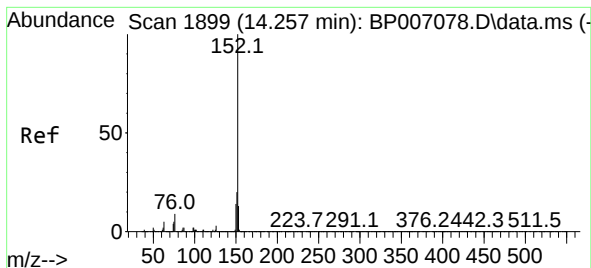
Tgt Ion:330 Resp: 141537
Ion Ratio Lower Upper
330 100
332 99.0 77.8 116.8
141 28.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 12.950 ng
RT: 13.134 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

Tgt Ion:172 Resp: 466446
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.0 18.6 27.8





#49

Acenaphthylene

Concen: 2.839 ng

RT: 14.234 min Scan# 1895

Delta R.T. 0.000 min

Lab File: BP007252.D

Acq: 29 Sep 2021 18:46

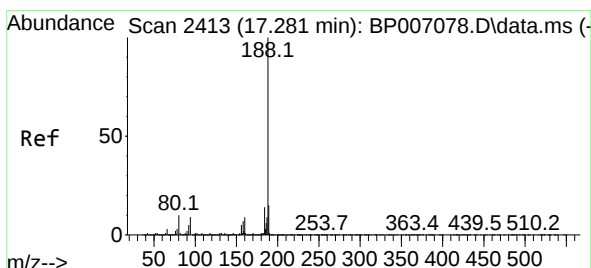
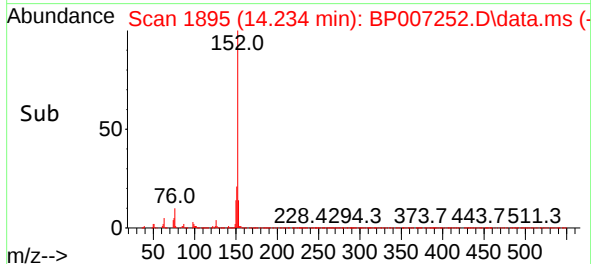
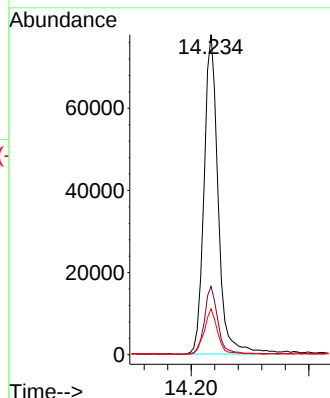
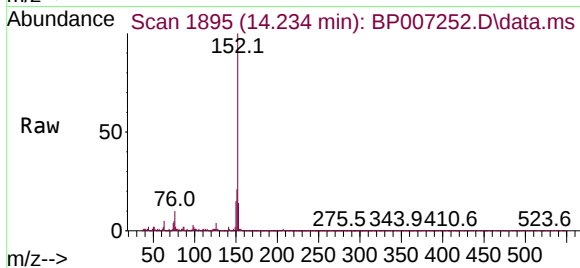
Instrument :

BNA_P

ClientSampleId :

KEARNY-COMP

Tgt Ion:152	Resp: 130027
Ion Ratio	Lower Upper
152	100
151	21.4 16.2 24.2
153	14.3 10.6 16.0



#64

Phenanthrene-d10

Concen: 20.000 ng

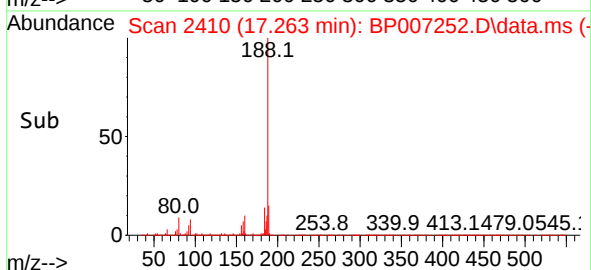
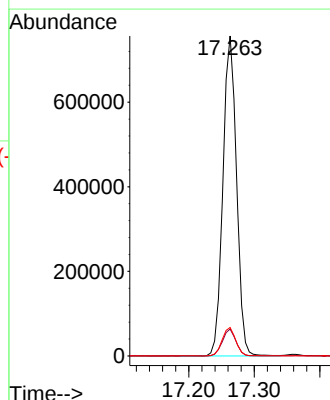
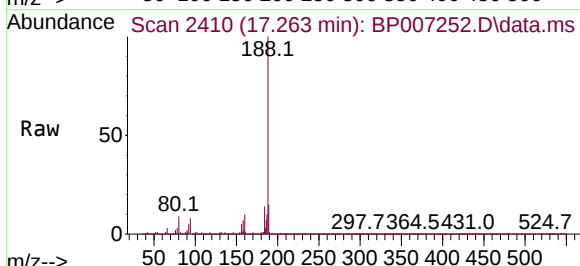
RT: 17.263 min Scan# 2410

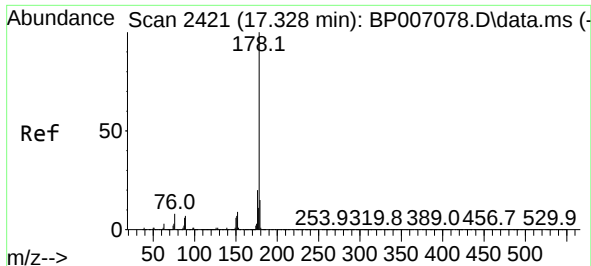
Delta R.T. 0.000 min

Lab File: BP007252.D

Acq: 29 Sep 2021 18:46

Tgt Ion:188	Resp: 1085297
Ion Ratio	Lower Upper
188	100
94	8.4 5.6 8.4#
80	8.9 6.3 9.5

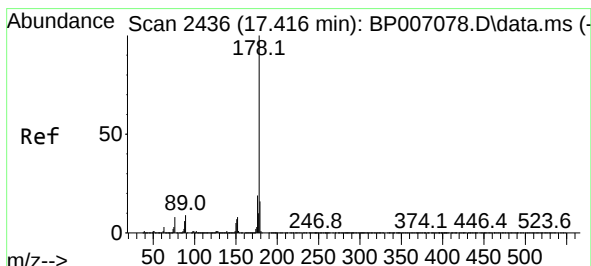
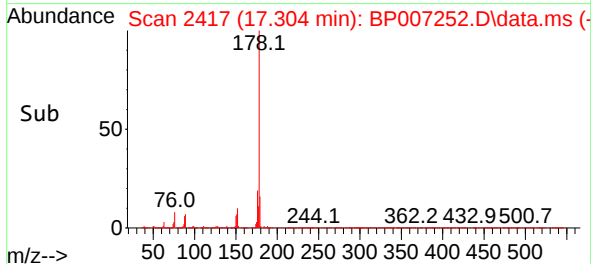
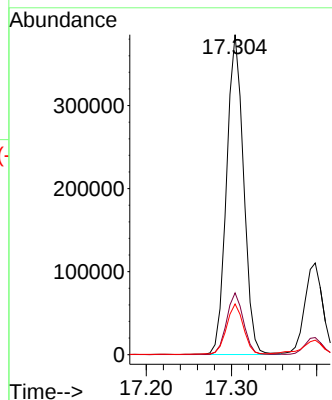
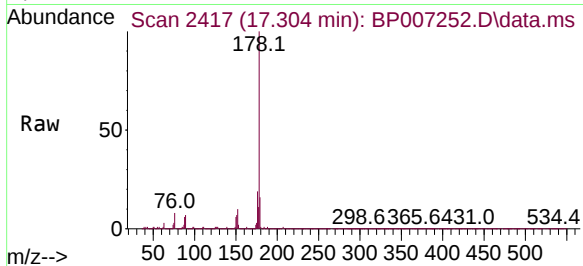




#71
Phenanthrene
Concen: 9.193 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

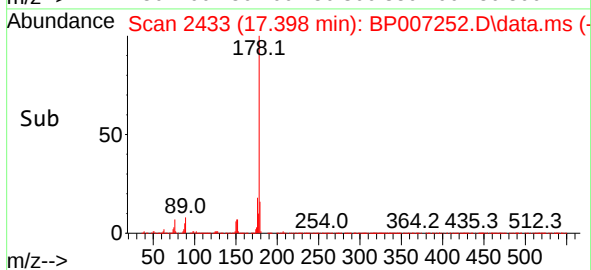
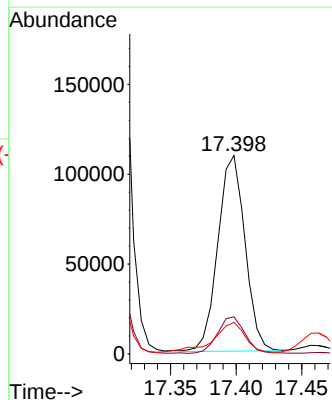
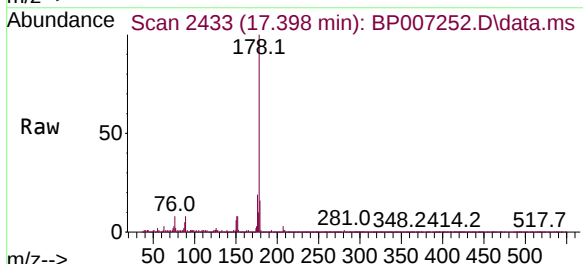
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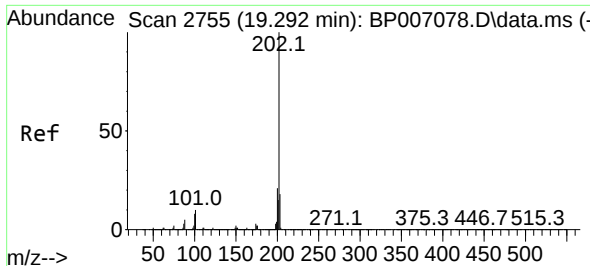
Tgt Ion:178 Resp: 534971
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.8 12.4 18.6



#72
Anthracene
Concen: 2.753 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

Tgt Ion:178 Resp: 156721
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.9 12.2 18.2

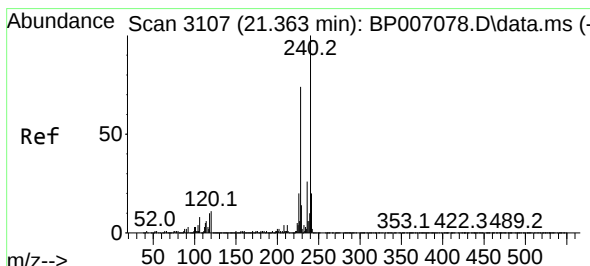
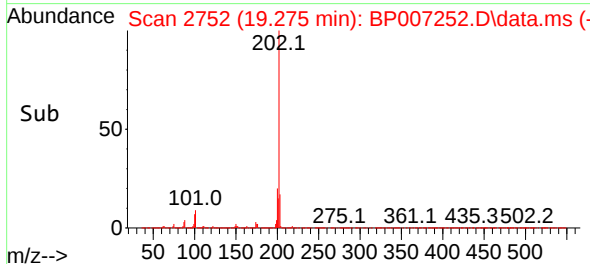
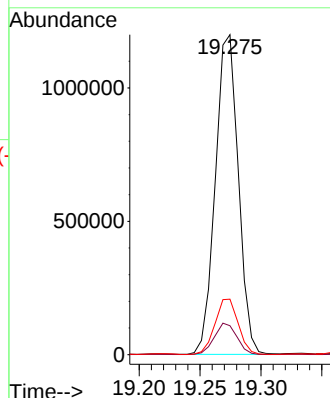
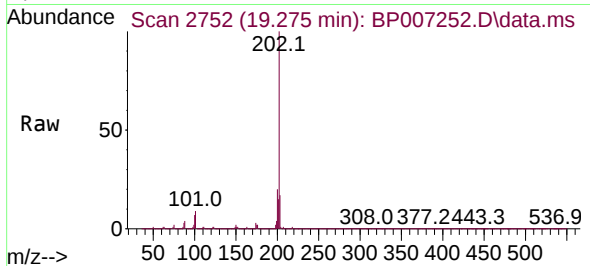




#75
Fluoranthene
Concen: 23.496 ng
RT: 19.275 min Scan# 2752
Delta R.T. 0.000 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

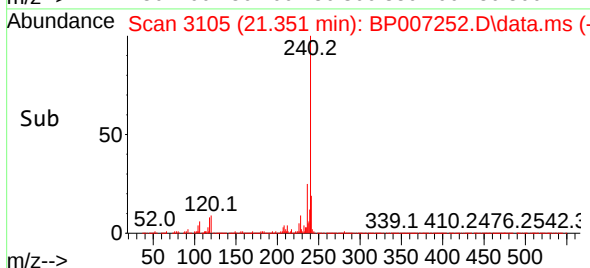
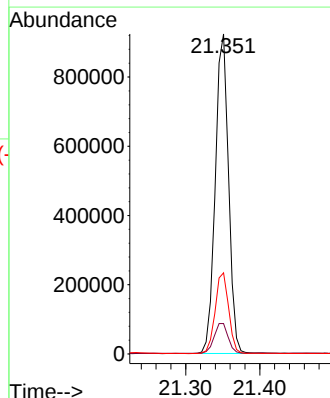
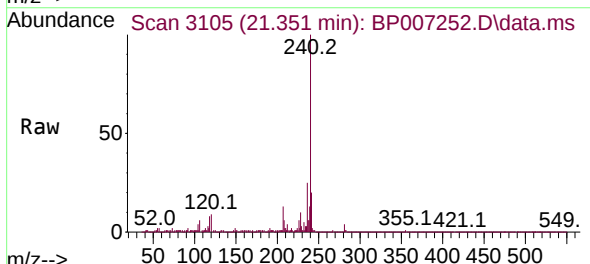
Instrument :
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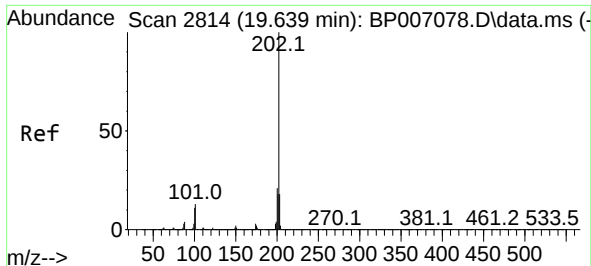
Tgt Ion:202 Resp: 1575294
Ion Ratio Lower Upper
202 100
101 9.0 0.0 27.6
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

Tgt Ion:240 Resp: 1146122
Ion Ratio Lower Upper
240 100
120 9.5 6.5 9.7
236 25.3 20.6 31.0

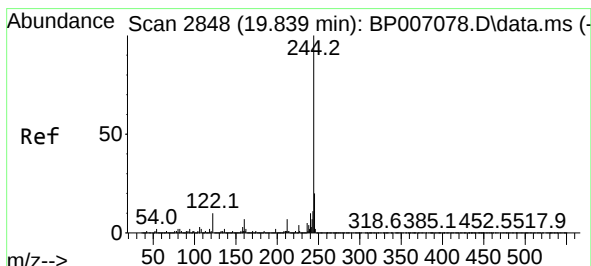
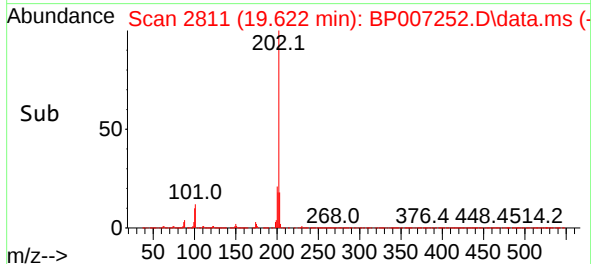
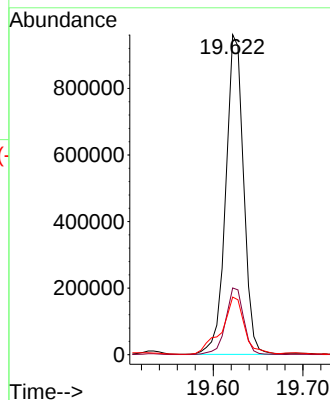
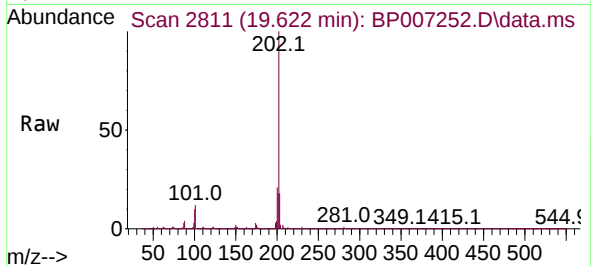




#78
 Pyrene
 Concen: 17.627 ng
 RT: 19.622 min Scan# 2811
 Delta R.T. -0.006 min
 Lab File: BP007252.D
 Acq: 29 Sep 2021 18:46

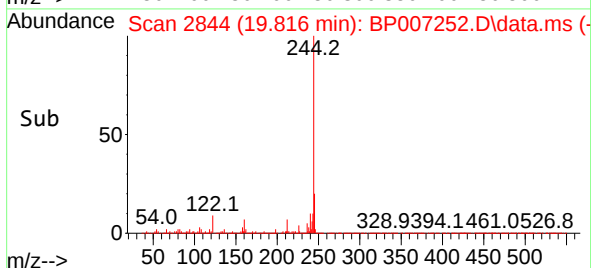
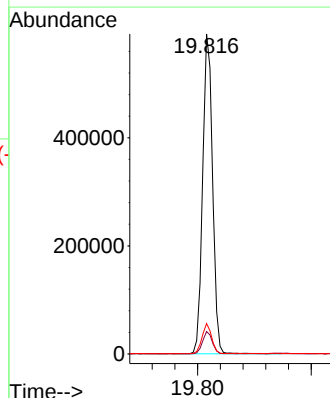
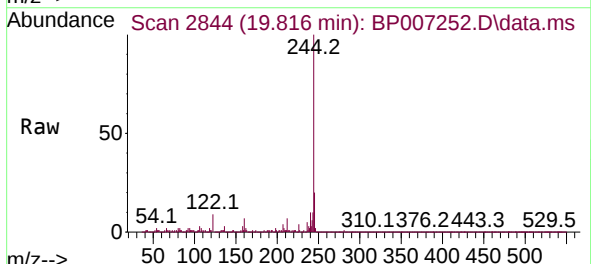
Instrument :
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 ClientSampleId :
 KEARNY-COMP

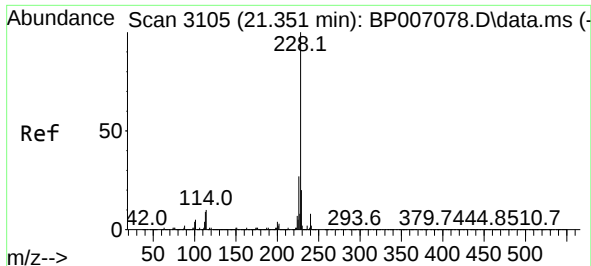
Tgt Ion:202 Resp: 1325504
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.3 24.5
 203 18.0 14.2 21.2



#79
 Terphenyl-d14
 Concen: 11.961 ng
 RT: 19.816 min Scan# 2844
 Delta R.T. -0.006 min
 Lab File: BP007252.D
 Acq: 29 Sep 2021 18:46

Tgt Ion:244 Resp: 715406
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.5 7.1 10.7

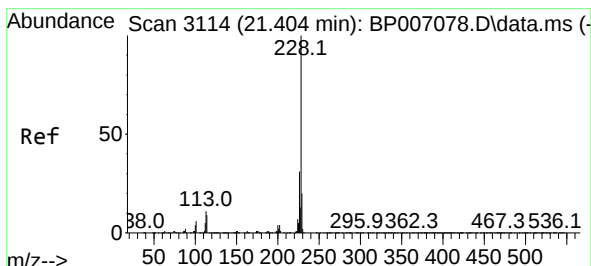
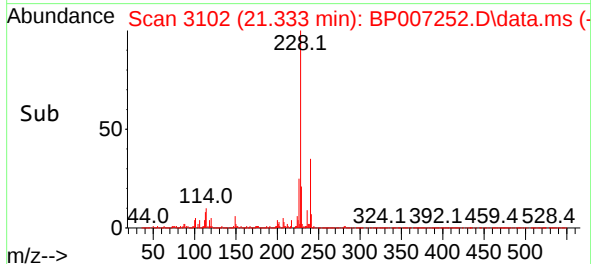
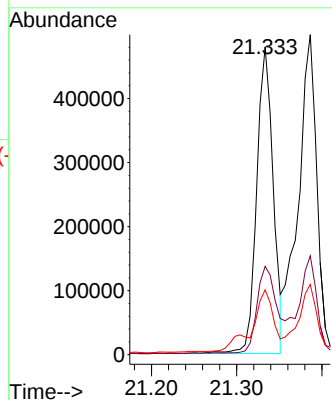
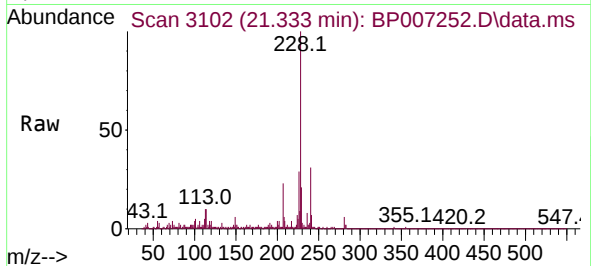




#81
Benzo(a)anthracene
Concen: 8.678 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

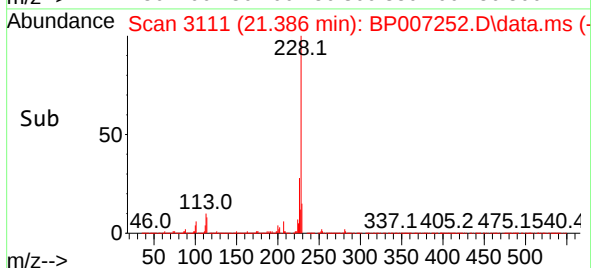
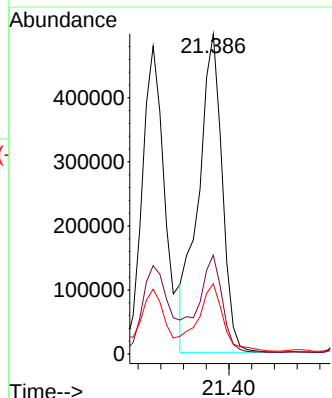
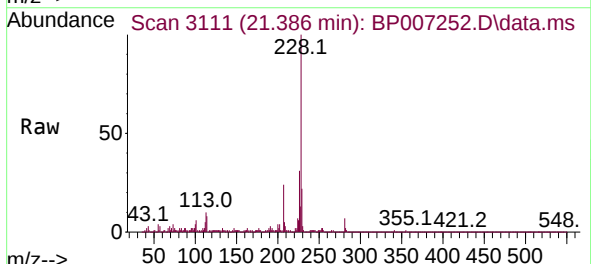
Instrument :
BNA_P
ClientSampleId :
KEARNY-COMP

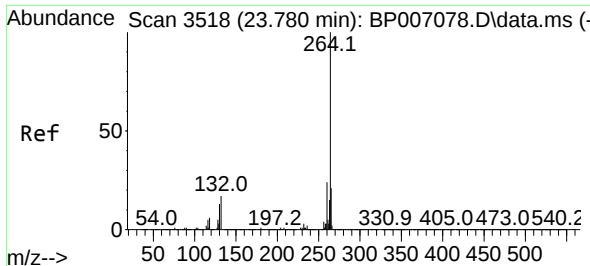
Tgt Ion:228 Resp: 645577
Ion Ratio Lower Upper
228 100
226 28.7 21.6 32.4
229 21.1 15.8 23.6



#83
Chrysene
Concen: 10.183 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

Tgt Ion:228 Resp: 724033
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.6
229 21.9 15.4 23.2

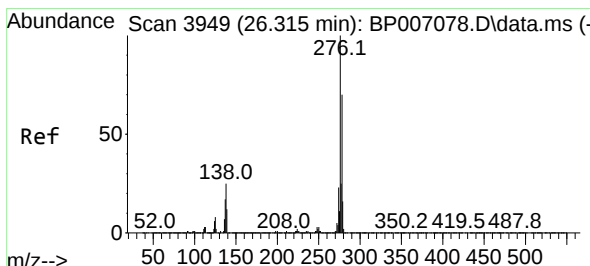
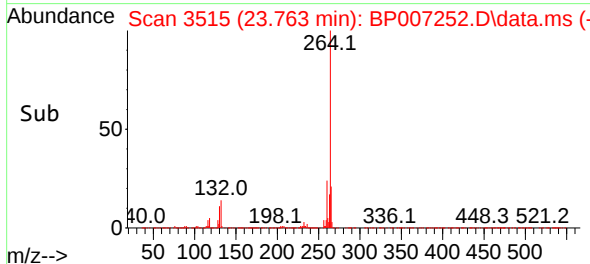
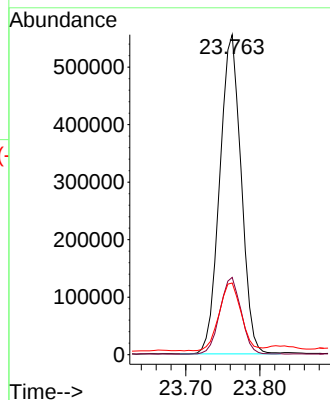
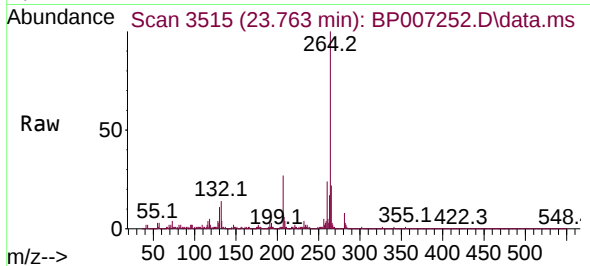




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.000 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

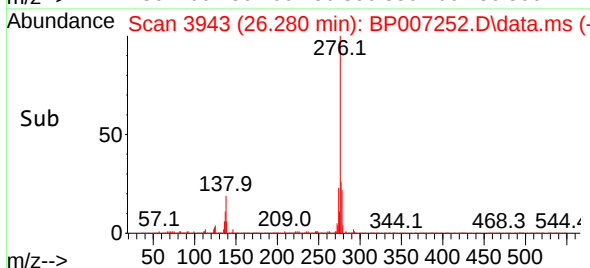
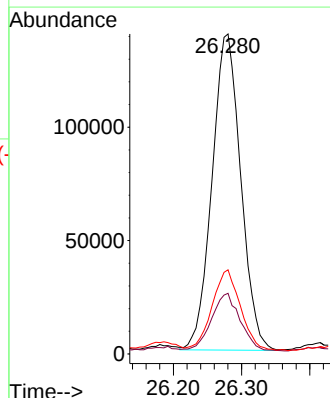
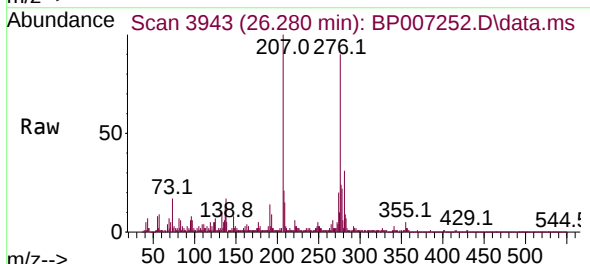
Instrument :
BNA_P
ClientSampleId :
KEARNY-COMP

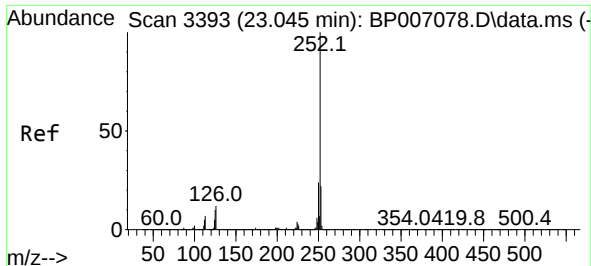
Tgt Ion:264 Resp: 1111596
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.4 17.6 26.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.127 ng
RT: 26.280 min Scan# 3943
Delta R.T. -0.018 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

Tgt Ion:276 Resp: 409542
Ion Ratio Lower Upper
276 100
138 18.3 15.3 22.9
277 25.4 20.4 30.6

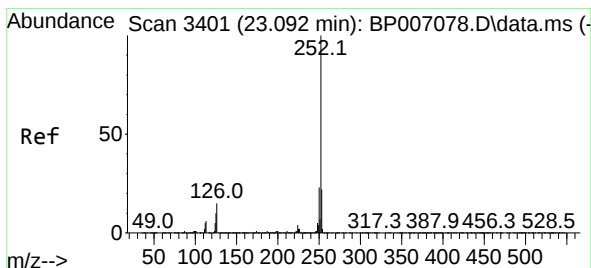
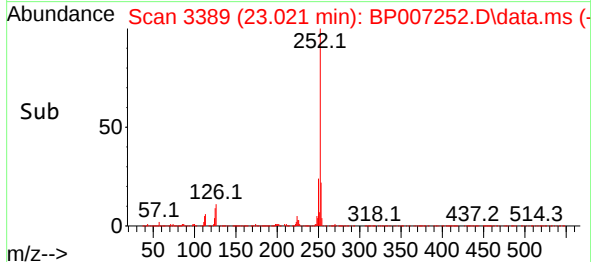
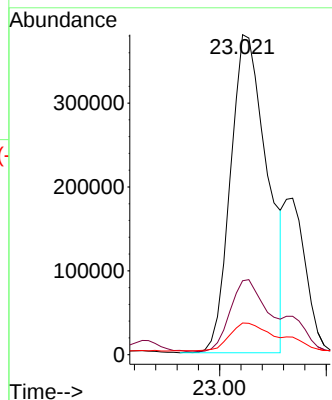
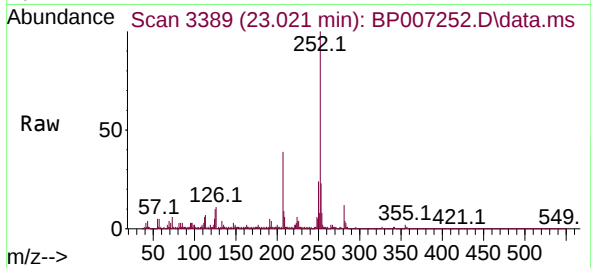




#88
Benzo(b)fluoranthene
Concen: 13.773 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.006 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

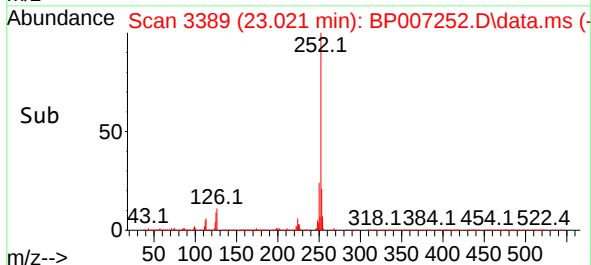
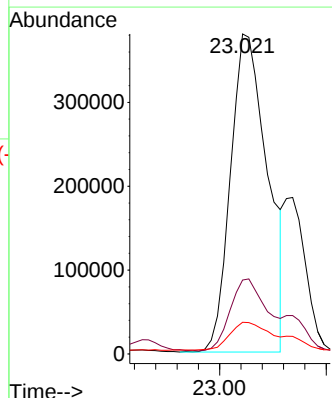
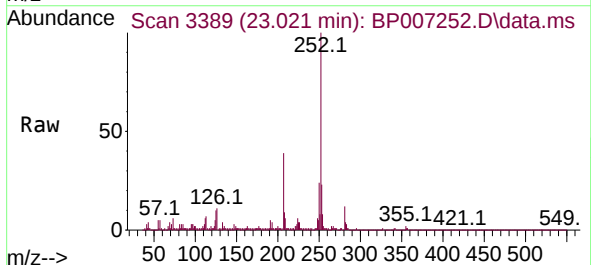
Instrument :
BNA_P
ClientSampleId :
KEARNY-COMP

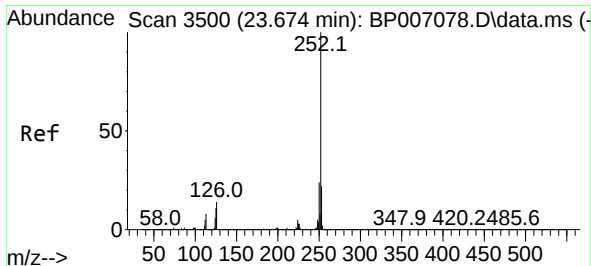
Tgt Ion:252 Resp: 914950
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 9.9 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 13.603 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.053 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

Tgt Ion:252 Resp: 914950
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 9.9 6.0 9.0#

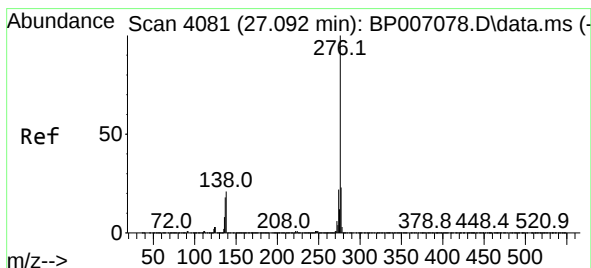
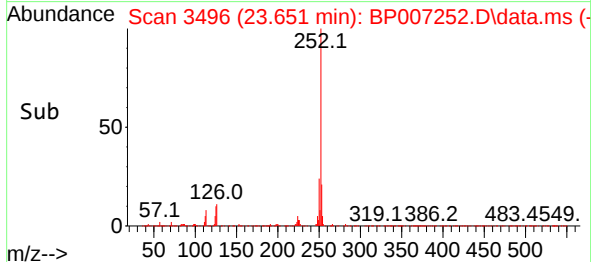
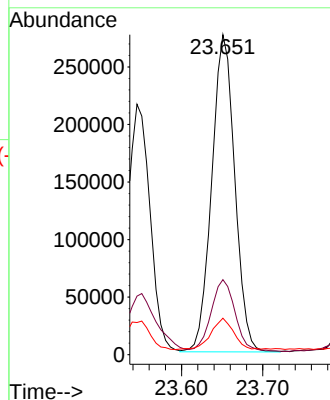
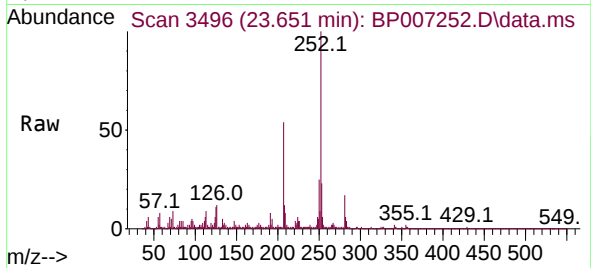




#90
Benzo(a)pyrene
Concen: 9.635 ng
RT: 23.651 min Scan# 3496
Delta R.T. -0.006 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

Instrument :
BNA_P
ClientSampleId :
KEARNY-COMP

Tgt Ion:252 Resp: 543760
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 11.4 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 5.794 ng
RT: 27.057 min Scan# 4075
Delta R.T. -0.012 min
Lab File: BP007252.D
Acq: 29 Sep 2021 18:46

Tgt Ion:276 Resp: 378529
Ion Ratio Lower Upper
276 100
277 25.3 18.9 28.3
138 18.8 12.6 18.8

