

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110920\
 Data File : BP003876.D
 Acq On : 09 Nov 2020 19:39
 Operator : CG/JU
 Sample : L4657-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B49-110520-0-10

Quant Time: Nov 10 00:23:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 11:33:14 2020
 Response via : Initial Calibration

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

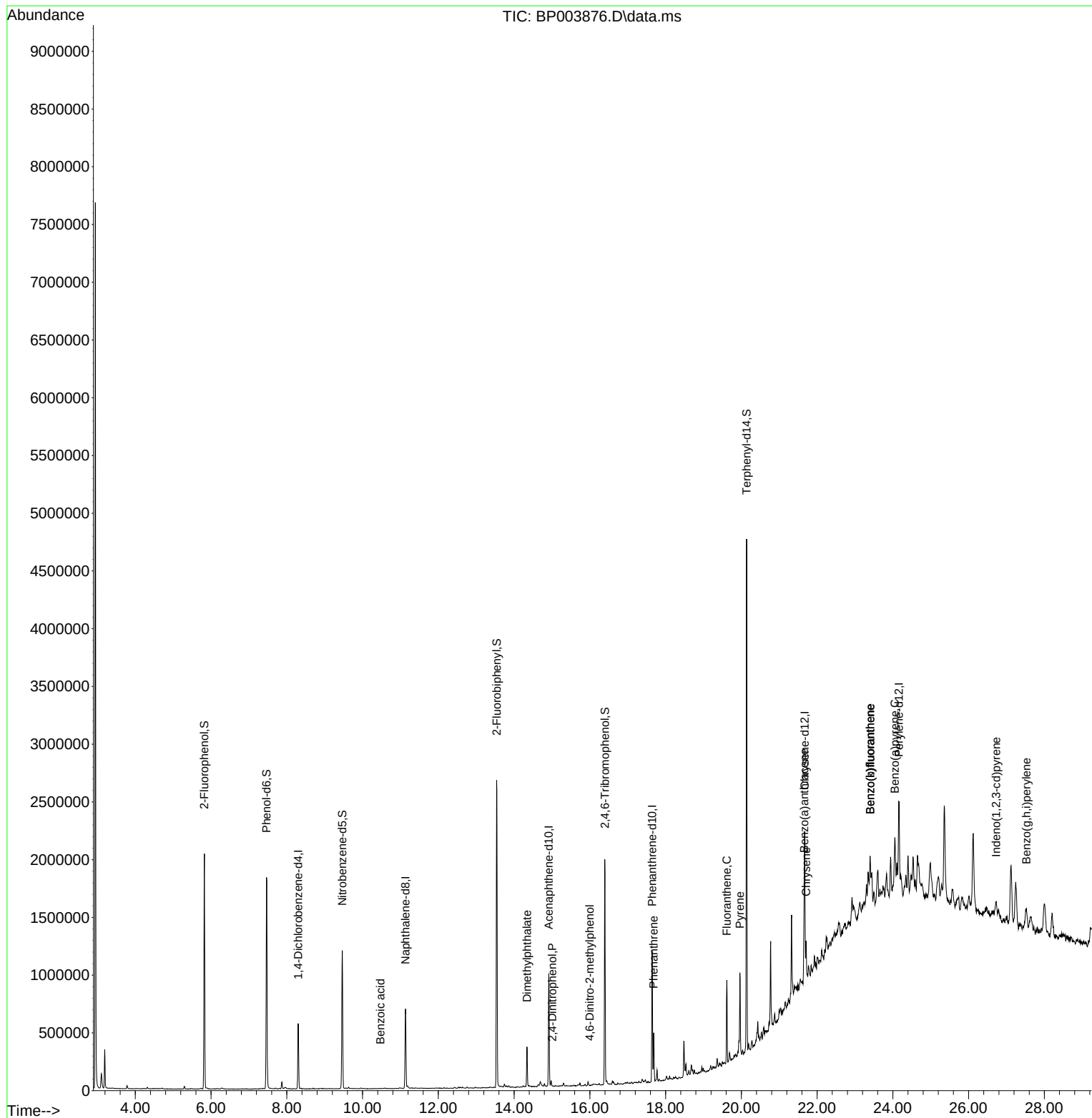
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	153153	20.00	ng	0.00
21) Naphthalene-d8	11.134	136	558330	20.00	ng	# 0.00
39) Acenaphthene-d10	14.916	164	329980	20.00	ng	0.00
64) Phenanthrene-d10	17.645	188	671196	20.00	ng	0.00
76) Chrysene-d12	21.674	240	632483	20.00	ng	0.00
86) Perylene-d12	24.162	264	649422	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	824528	89.85	ng	0.00
7) Phenol-d6	7.463	99	1018999	77.36	ng	0.00
23) Nitrobenzene-d5	9.463	82	662774	58.14	ng	0.00
42) 2,4,6-Tribromophenol	16.398	330	370023	89.65	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	1416233	60.00	ng	0.00
79) Terphenyl-d14	20.139	244	1811155	55.32	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.381	77	448	Below Cal	#	1
32) Benzoic acid	10.469	122	34	8.31 ng	#	40
50) Dimethylphthalate	14.339	163	217145	8.42 ng		100
54) 2,4-Dinitrophenol	15.010	184	74	2.77 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.998	198	28	6.35 ng	#	1
71) Phenanthrene	17.686	178	247016	6.56 ng		98
75) Fluoranthene	19.616	202	419918	9.66 ng		99
78) Pyrene	19.963	202	423208	9.86 ng		99
81) Benzo(a)anthracene	21.657	228	216604	5.19 ng	#	95
83) Chrysene	21.710	228	215524	5.38 ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.727	276	176779	3.77 ng	#	93
88) Benzo(b)fluoranthene	23.404	252	398642	9.38 ng	#	84
89) Benzo(k)fluoranthene	23.404	252	398642	9.50 ng	#	84
90) Benzo(a)pyrene	24.051	252	251169	6.38 ng	#	89
92) Benzo(g,h,i)perylene	27.527	276	210754	5.58 ng	#	93

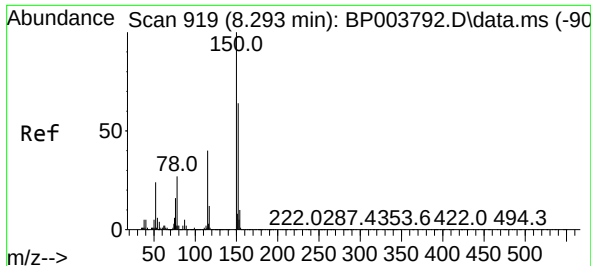
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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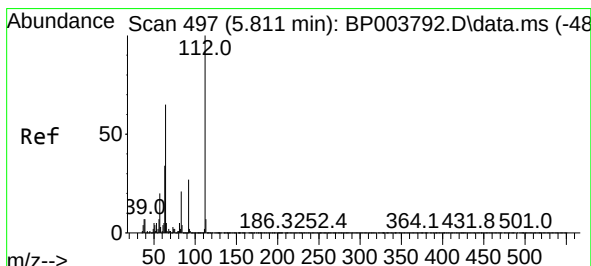
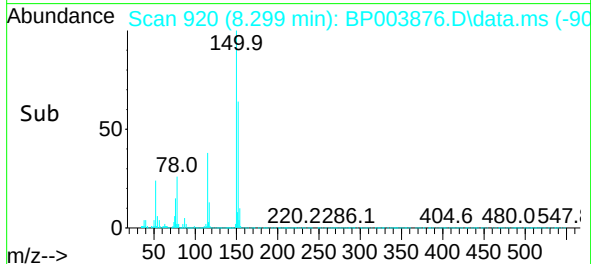
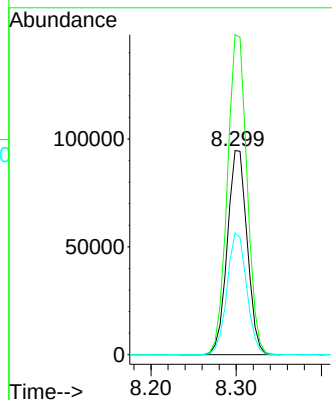
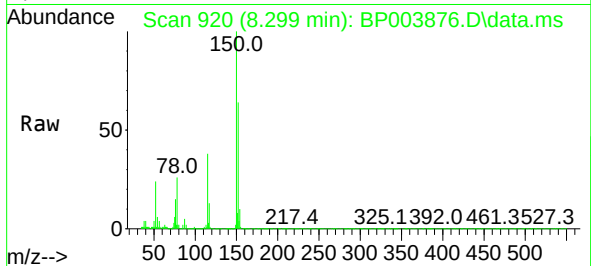




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.299 min Scan# 920
Delta R.T. -0.006 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

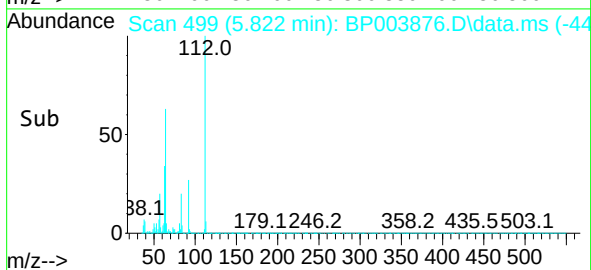
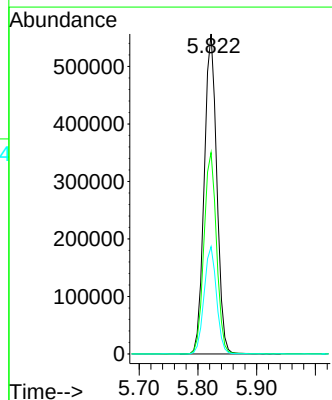
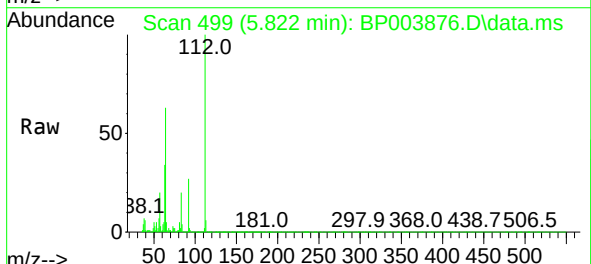
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10

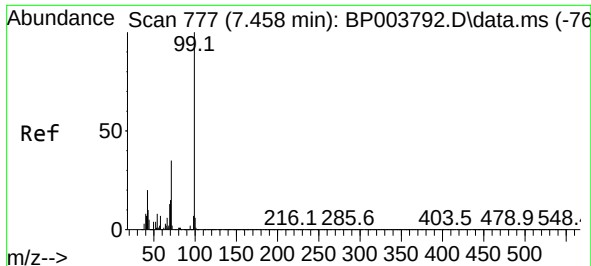
Tgt Ion:152 Resp: 153153
Ion Ratio Lower Upper
152 100
150 156.8 123.8 185.6
115 59.7 43.8 65.6



#5
2-Fluorophenol
Concen: 89.85 ng
RT: 5.822 min Scan# 499
Delta R.T. -0.000 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

Tgt Ion:112 Resp: 824528
Ion Ratio Lower Upper
112 100
64 62.9 32.8 49.2#
63 33.6 17.0 25.4#

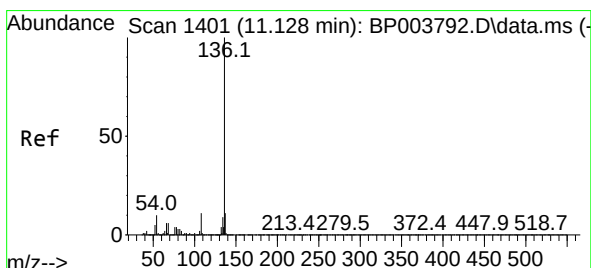
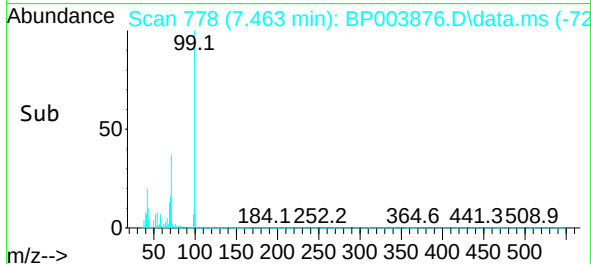
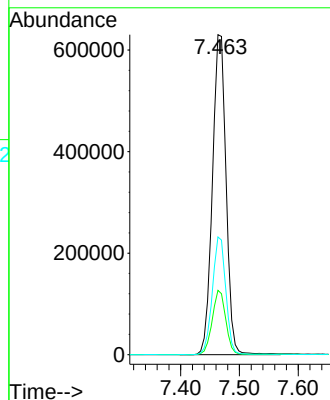
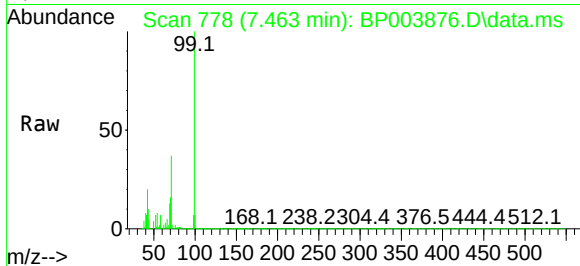




#7
Phenol-d6
Concen: 77.36 ng
RT: 7.463 min Scan# 778
Delta R.T. -0.006 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

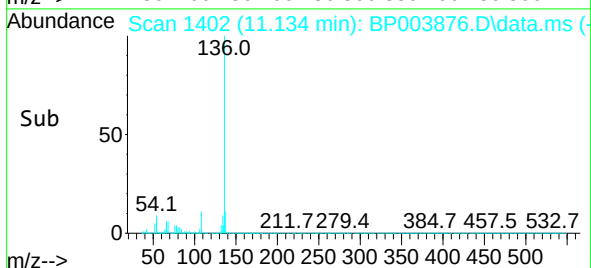
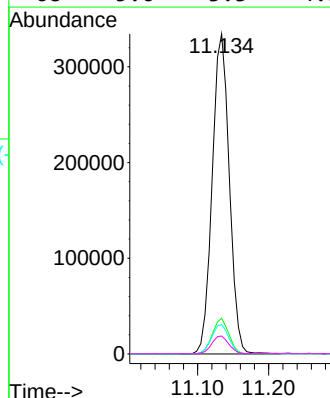
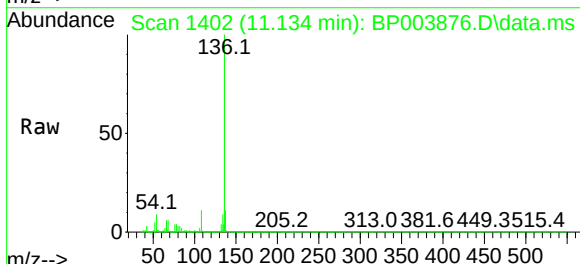
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10

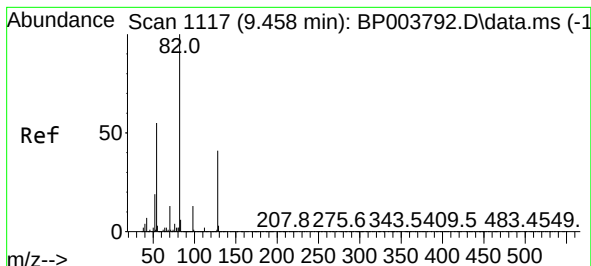
Tgt Ion: 99 Resp: 1018999
Ion Ratio Lower Upper
99 100
42 20.1 8.6 13.0#
71 36.8 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.134 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

Tgt Ion: 136 Resp: 558330
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.2 3.6 5.4#
68 5.6 3.3 4.9#

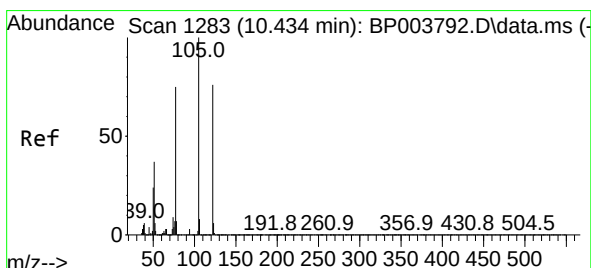
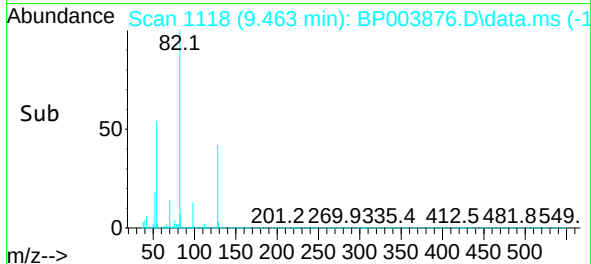
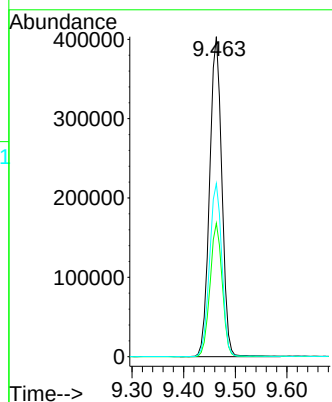
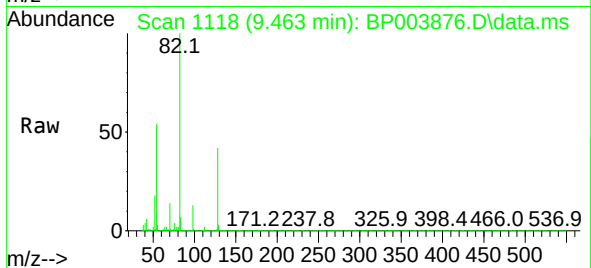




#23
Nitrobenzene-d5
Concen: 58.14 ng
RT: 9.463 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

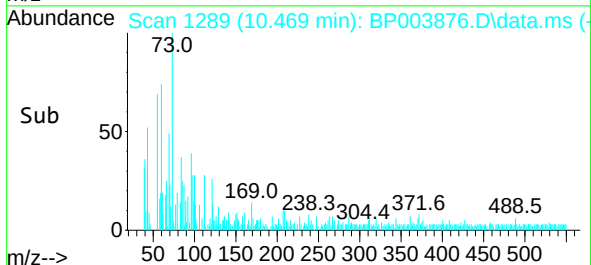
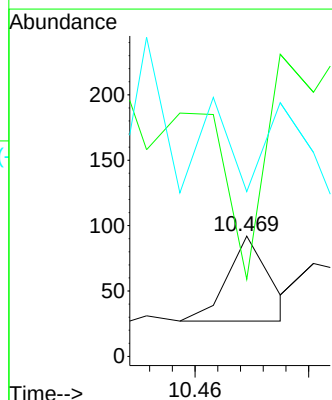
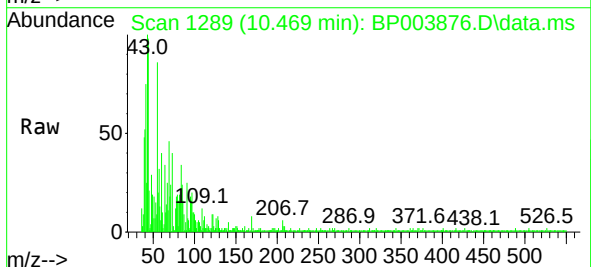
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10

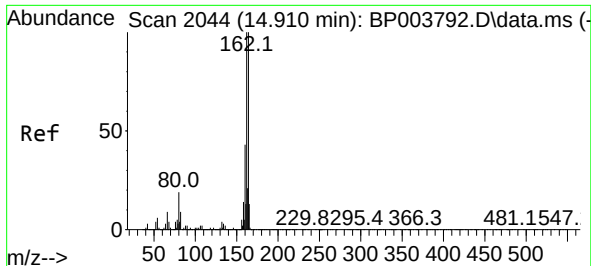
Tgt Ion: 82 Resp: 662774
Ion Ratio Lower Upper
82 100
128 41.7 45.6 68.4#
54 54.1 30.1 45.1#



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.469 min Scan# 1289
Delta R.T. 0.018 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

Tgt Ion: 122 Resp: 34
Ion Ratio Lower Upper
122 100
105 64.1 94.1 134.1#
77 137.0 50.1 90.1#

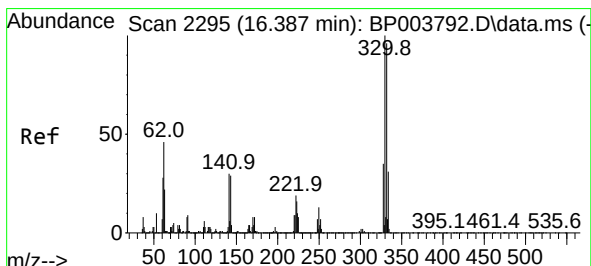
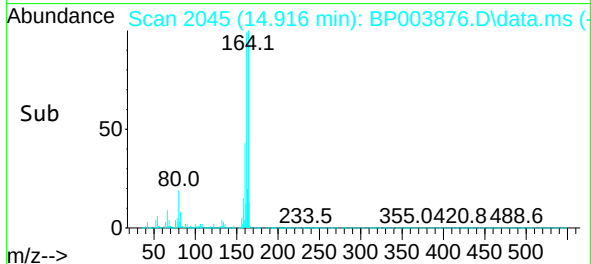
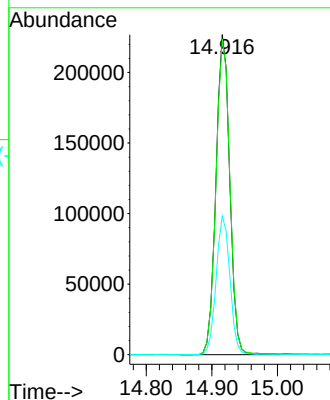
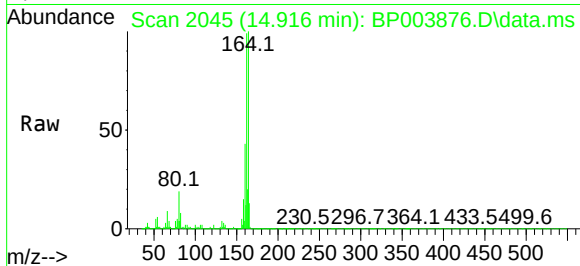




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.916 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

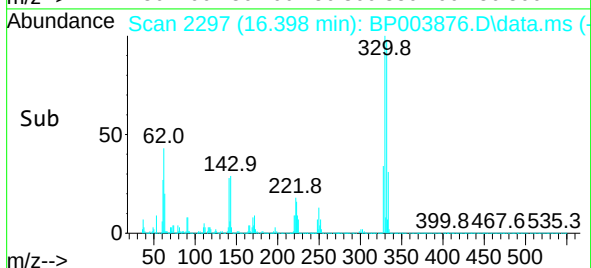
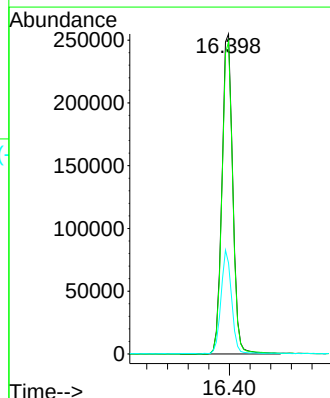
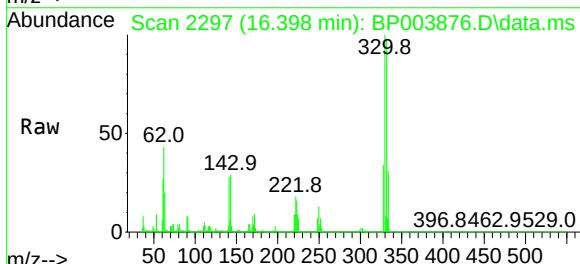
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ClientSampleId :
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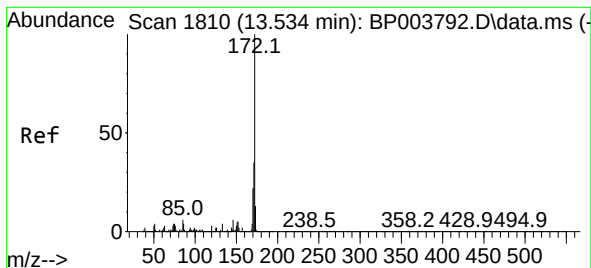
Tgt Ion:164 Resp: 329980
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.2
160 43.3 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 89.65 ng
RT: 16.398 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

Tgt Ion:330 Resp: 370023
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 31.6 23.4 35.2

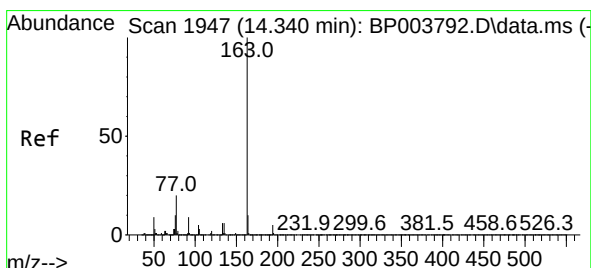
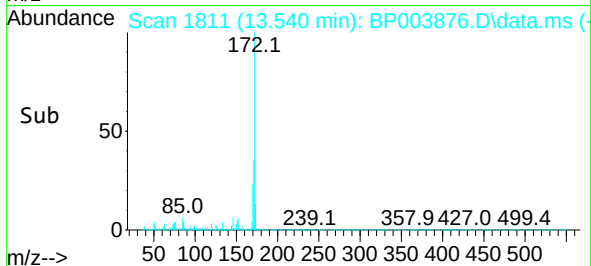
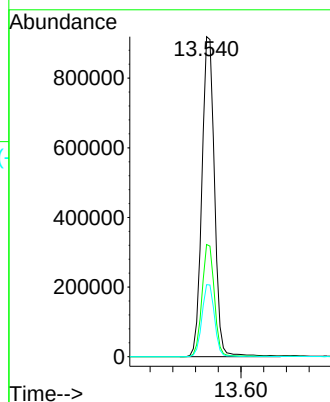
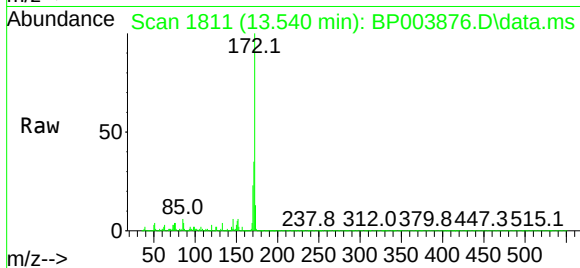




#45
2-Fluorobiphenyl
Concen: 60.00 ng
RT: 13.540 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

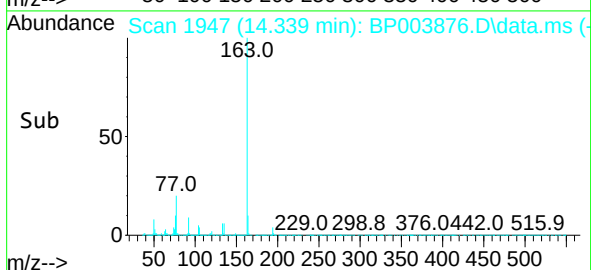
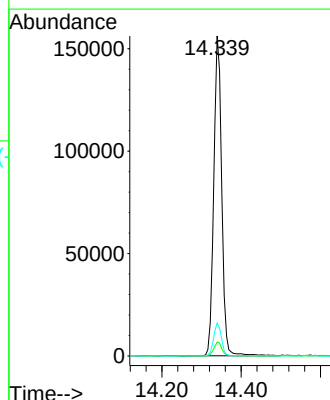
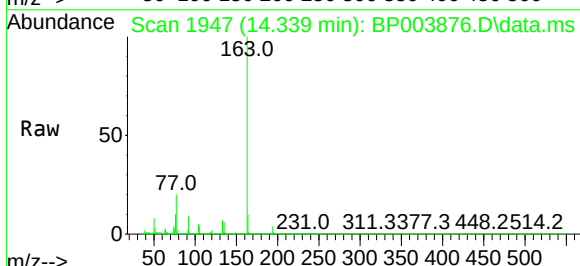
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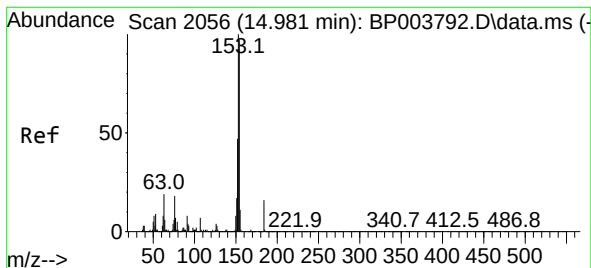
Tgt Ion:172 Resp: 1416233
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.5 19.2 28.8



#50
Dimethylphthalate
Concen: 8.42 ng
RT: 14.339 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

Tgt Ion:163 Resp: 217145
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.3 8.2 12.2

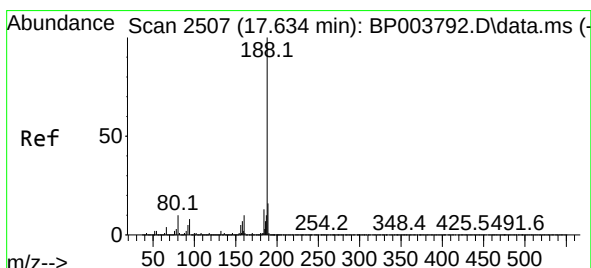
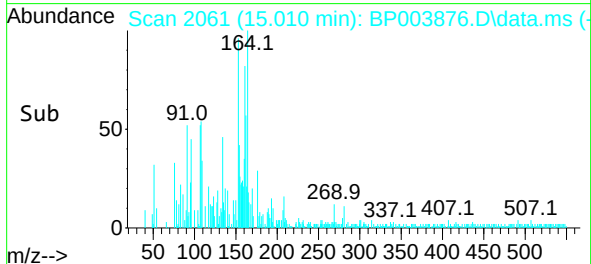
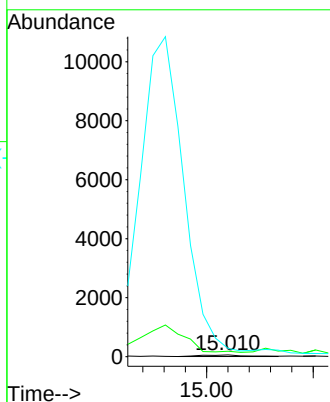
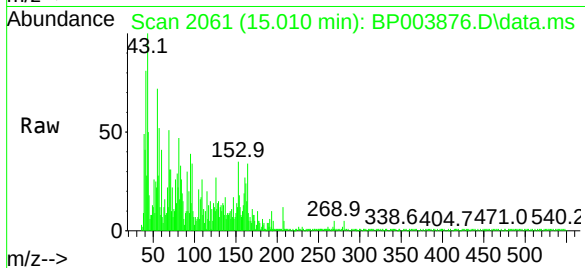




#54
2,4-Dinitrophenol
Concen: 2.77 ng
RT: 15.010 min Scan# 2061
Delta R.T. 0.012 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

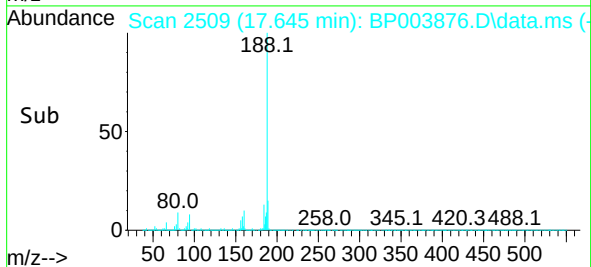
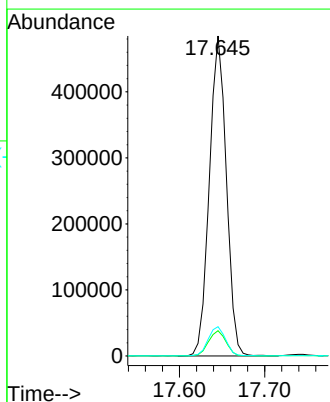
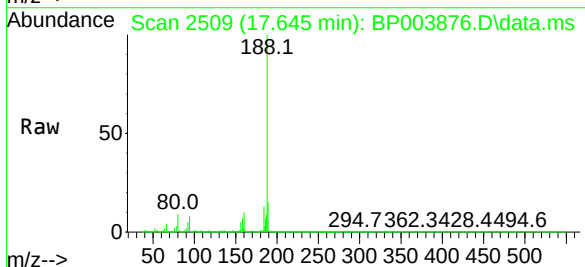
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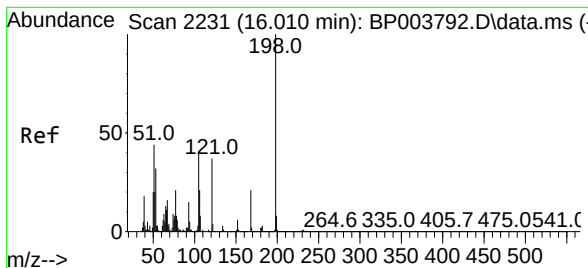
Tgt Ion:184 Resp: 74
Ion Ratio Lower Upper
184 100
63 243.4 32.3 48.5#
154 365.8 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.645 min Scan# 2509
Delta R.T. -0.000 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

Tgt Ion:188 Resp: 671196
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 9.2 6.2 9.2

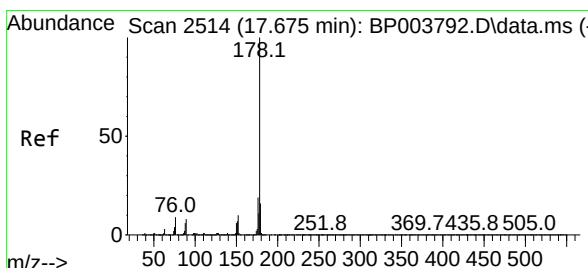
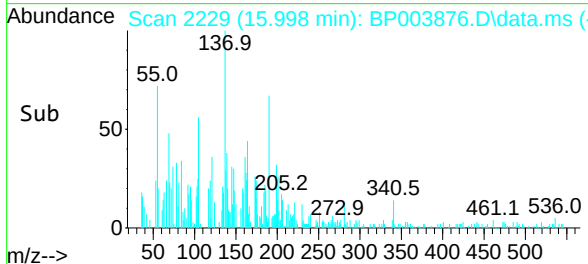
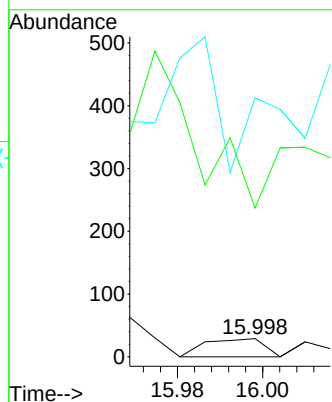
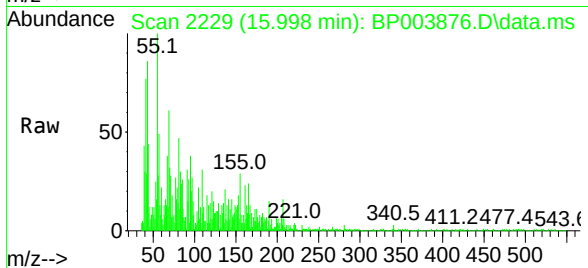




#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 15.998 min Scan# 2229
Delta R.T. -0.024 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

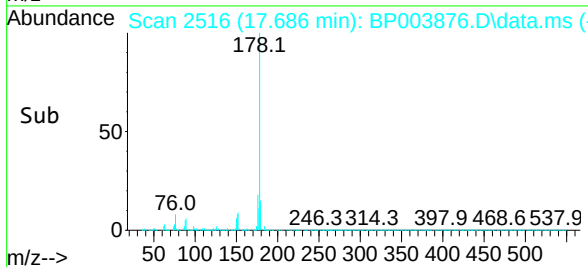
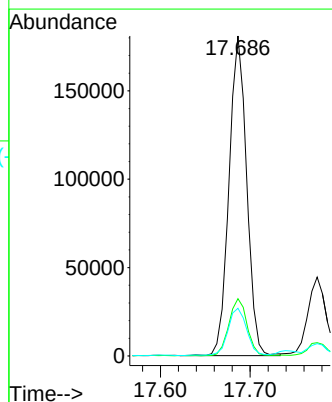
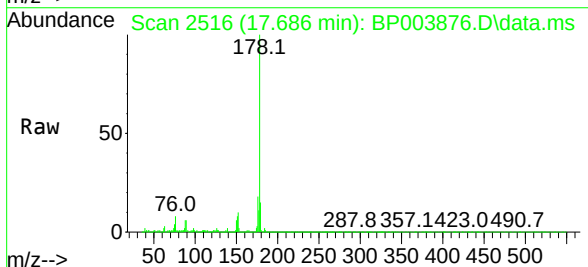
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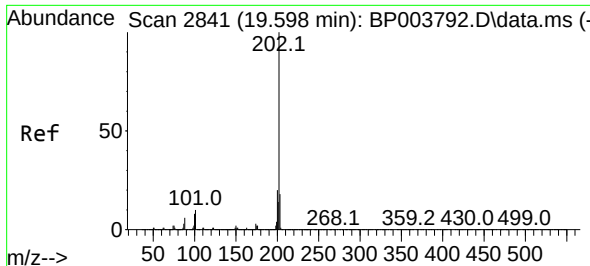
Tgt Ion:198 Resp: 28
Ion Ratio Lower Upper
198 100
51 817.2 6.4 46.4#
105 1424.1 18.9 58.9#



#71
Phenanthrene
Concen: 6.56 ng
RT: 17.686 min Scan# 2516
Delta R.T. -0.000 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

Tgt Ion:178 Resp: 247016
Ion Ratio Lower Upper
178 100
176 17.9 15.3 22.9
179 14.9 12.5 18.7

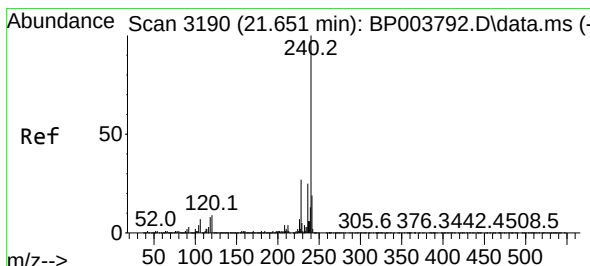
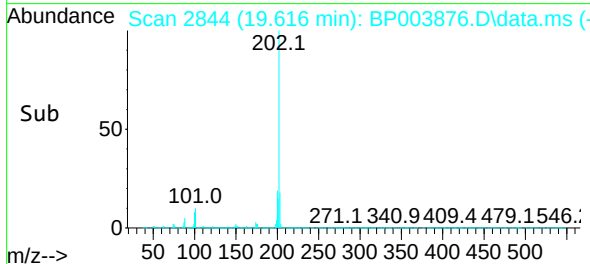
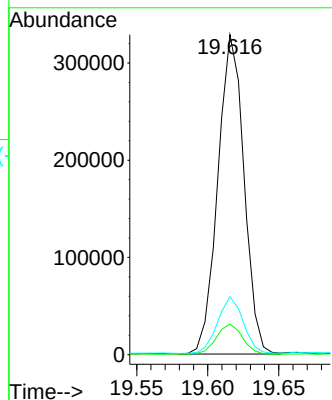
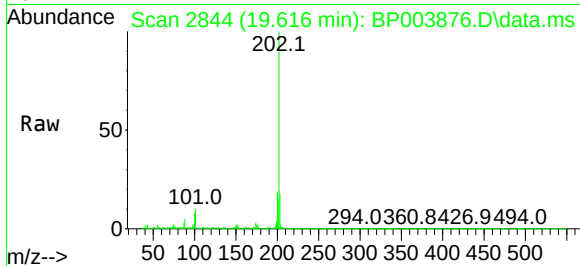




#75
Fluoranthene
Concen: 9.66 ng
RT: 19.616 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

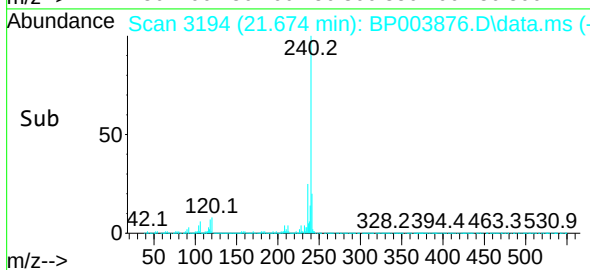
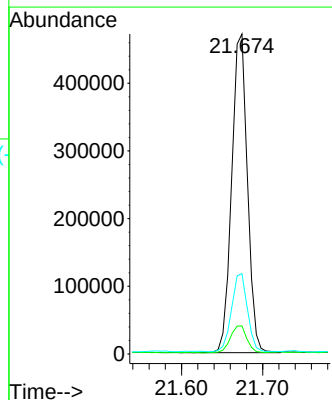
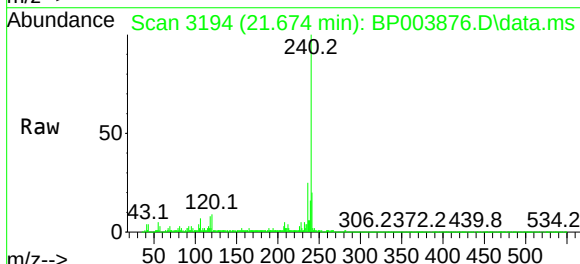
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10

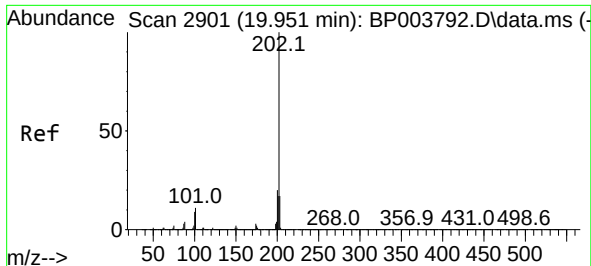
Tgt Ion:	202	Resp:	419918
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	29.4
203	18.1	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.674 min Scan# 3194
Delta R.T. 0.006 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

Tgt Ion:	240	Resp:	632483
Ion Ratio	Lower	Upper	
240	100		
120	8.8	7.8	11.6
236	25.1	20.8	31.2

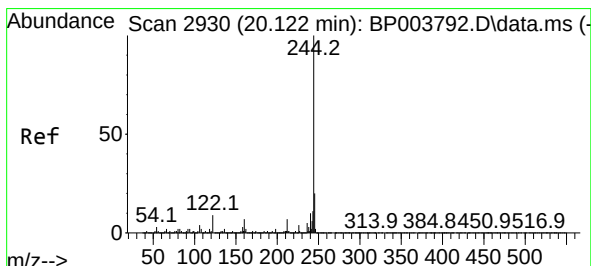
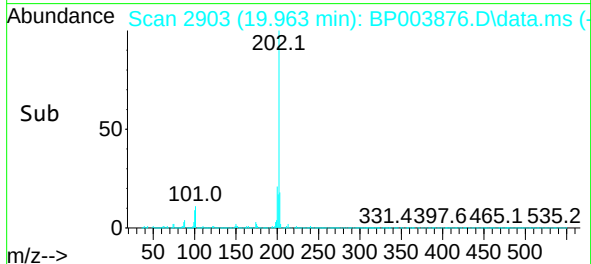
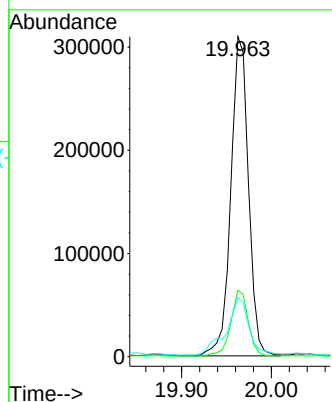
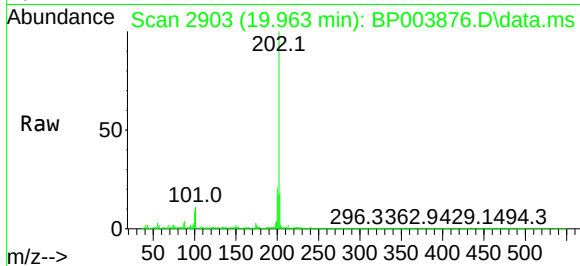




#78
Pyrene
Concen: 9.86 ng
RT: 19.963 min Scan# 2903
Delta R.T. -0.000 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

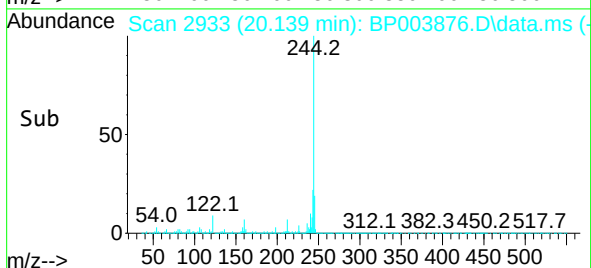
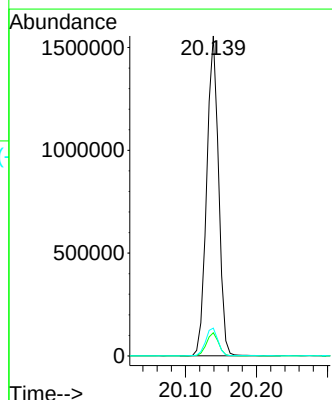
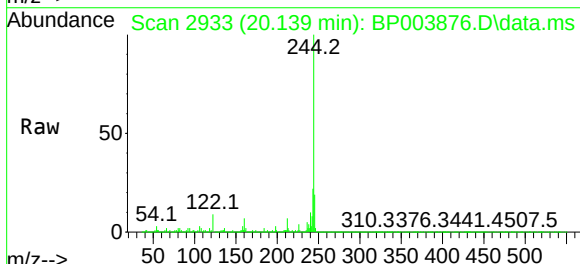
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10

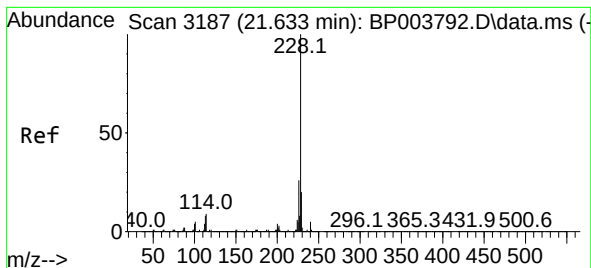
Tgt Ion:202 Resp: 423208
Ion Ratio Lower Upper
202 100
200 20.8 17.1 25.7
203 18.4 14.2 21.2



#79
Terphenyl-d14
Concen: 55.32 ng
RT: 20.139 min Scan# 2933
Delta R.T. 0.006 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

Tgt Ion:244 Resp: 1811155
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 8.7 7.8 11.8





#81

Benzo(a)anthracene

Concen: 5.19 ng

RT: 21.657 min Scan# 3191

Delta R.T. 0.006 min

Lab File: BP003876.D

Acq: 09 Nov 2020 19:39

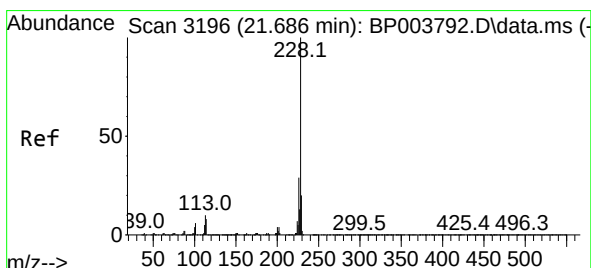
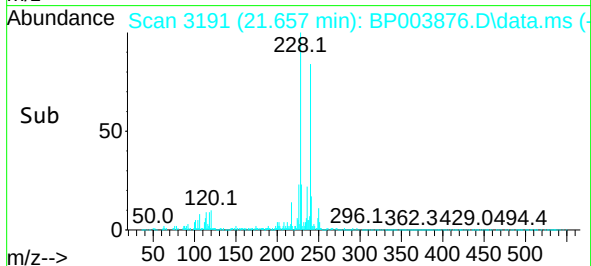
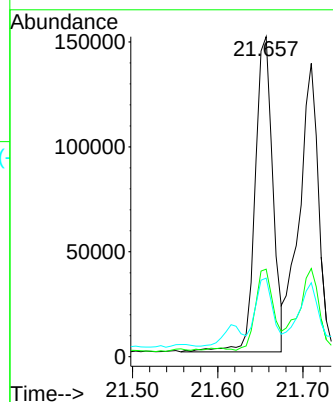
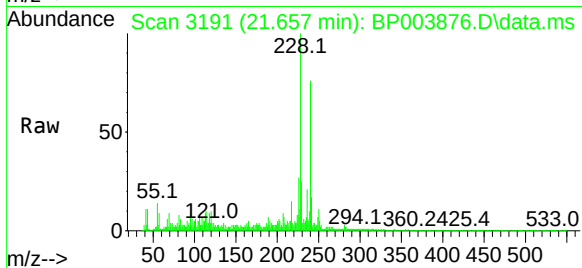
Instrument :

BNA_P

ClientSampleId :

PAV-B49-110520-0-10

Tgt Ion:	228	Resp:	216604
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.1	33.1
229	24.5	15.9	23.9#



#83

Chrysene

Concen: 5.38 ng

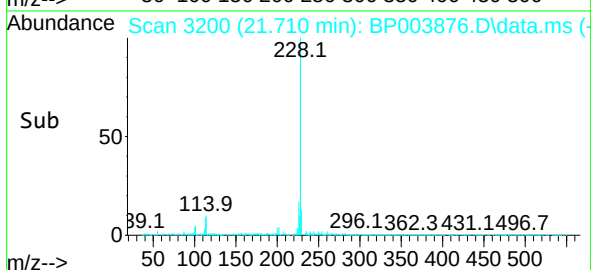
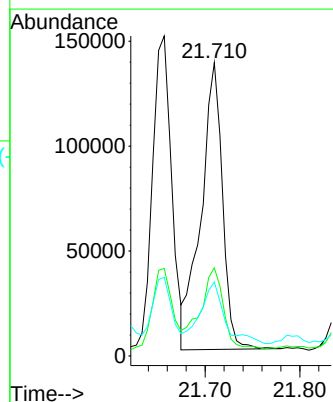
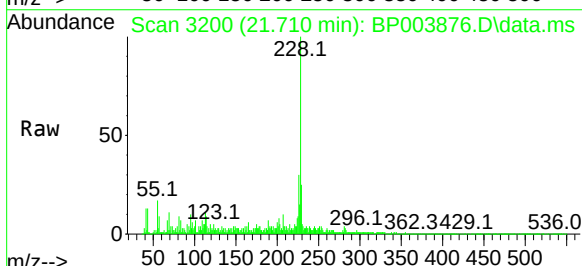
RT: 21.710 min Scan# 3200

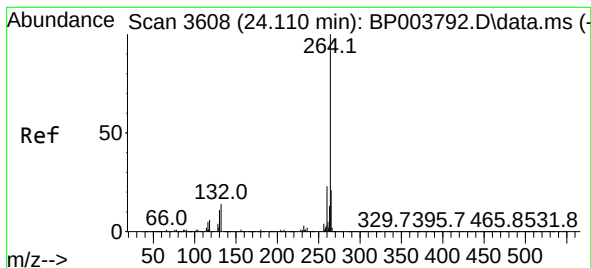
Delta R.T. 0.006 min

Lab File: BP003876.D

Acq: 09 Nov 2020 19:39

Tgt Ion:	228	Resp:	215524
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.4	36.6
229	25.2	15.8	23.6#





#86

Perylene-d12

Concen: 20.00 ng

RT: 24.162 min Scan# 3617

Delta R.T. 0.018 min

Lab File: BP003876.D

Acq: 09 Nov 2020 19:39

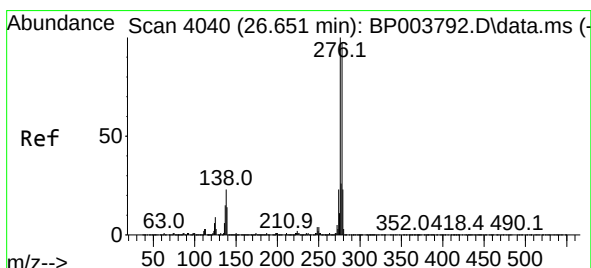
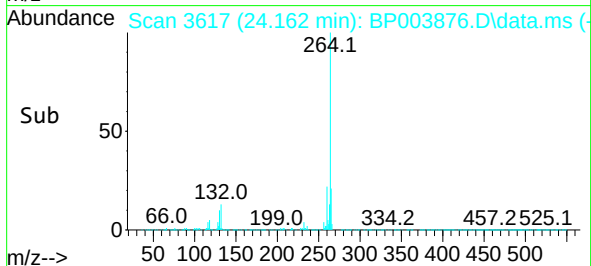
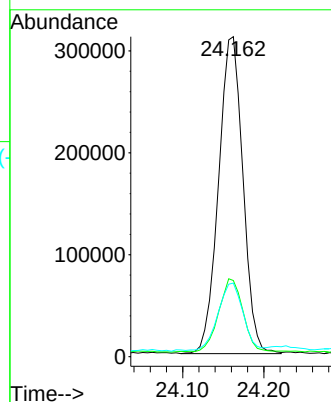
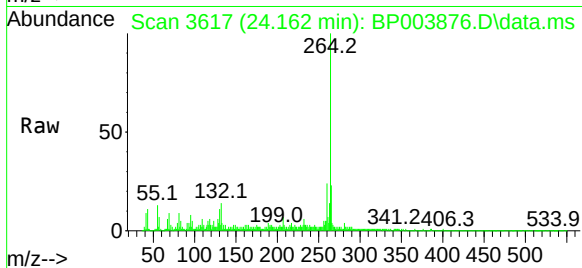
Tgt Ion: 264 Resp: 649422

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 23.0 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.77 ng

RT: 26.727 min Scan# 4053

Delta R.T. 0.023 min

Lab File: BP003876.D

Acq: 09 Nov 2020 19:39

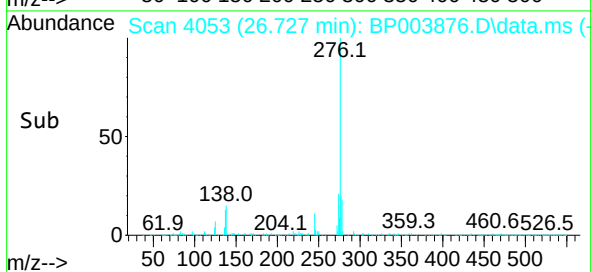
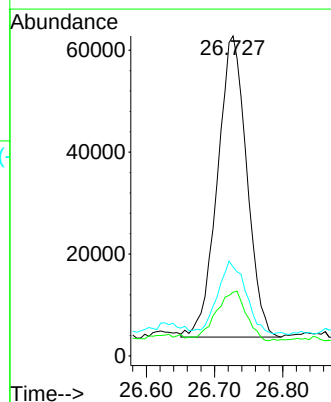
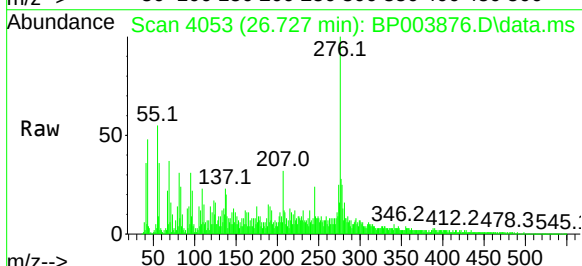
Tgt Ion: 276 Resp: 176779

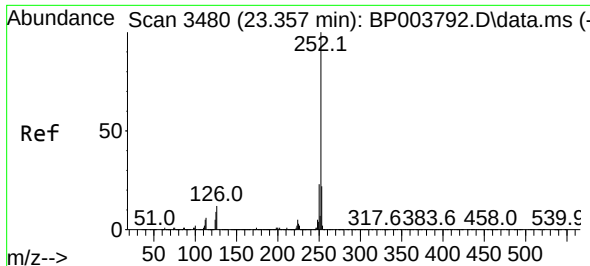
Ion Ratio Lower Upper

276 100

138 17.1 18.7 28.1#

277 24.3 20.4 30.6

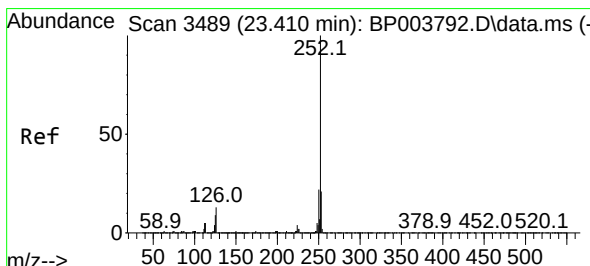
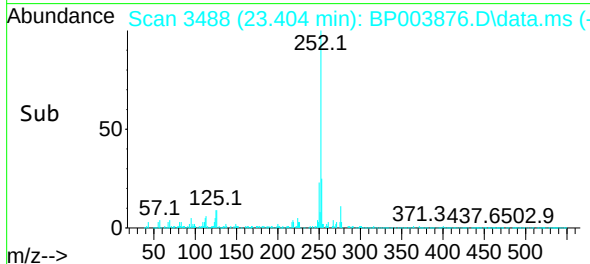
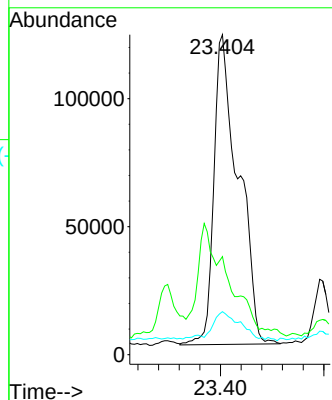
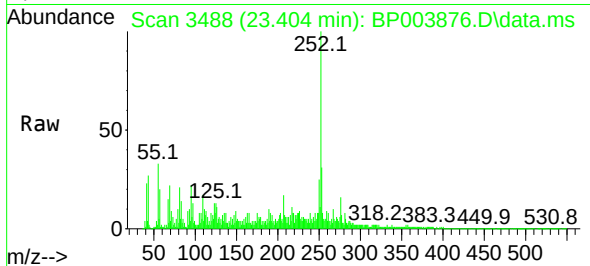




#88
Benzo(b)fluoranthene
Concen: 9.38 ng
RT: 23.404 min Scan# 3488
Delta R.T. 0.012 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

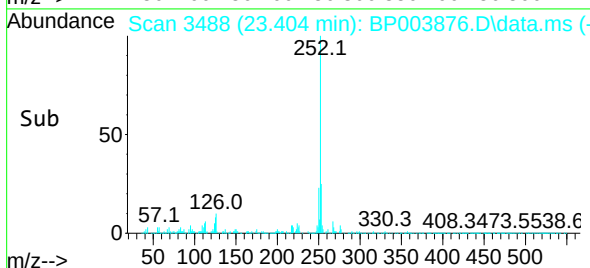
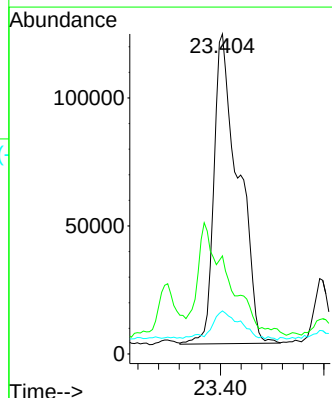
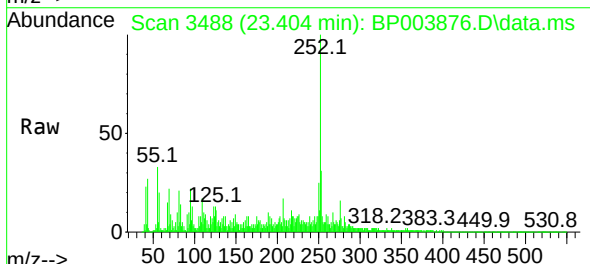
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10

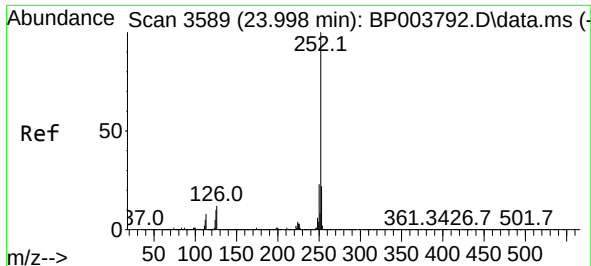
Tgt Ion:252 Resp: 398642
Ion Ratio Lower Upper
252 100
253 30.7 17.6 26.4#
125 13.4 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 9.50 ng
RT: 23.404 min Scan# 3488
Delta R.T. -0.035 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

Tgt Ion:252 Resp: 398642
Ion Ratio Lower Upper
252 100
253 30.7 17.8 26.8#
125 13.4 7.4 11.2#

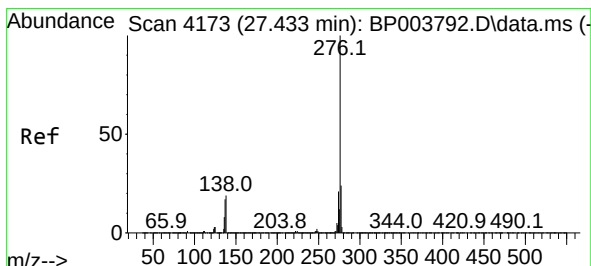
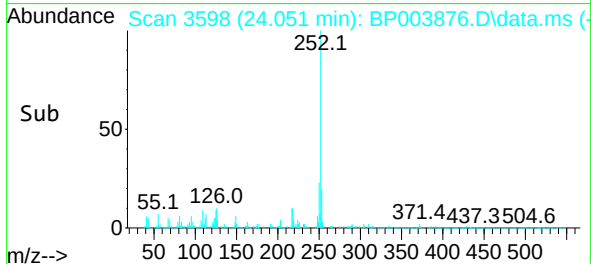
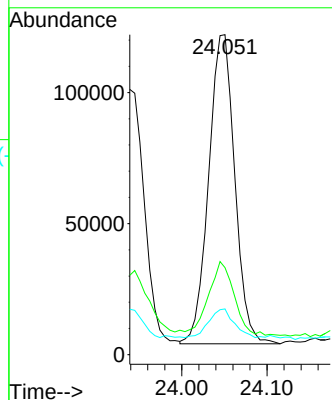
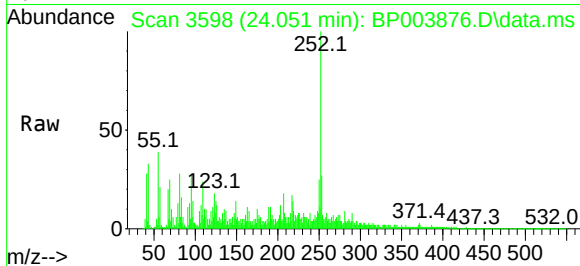




#90
Benzo(a)pyrene
Concen: 6.38 ng
RT: 24.051 min Scan# 3598
Delta R.T. 0.018 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10

Tgt Ion:252 Resp: 251169
Ion Ratio Lower Upper
252 100
253 27.2 17.4 26.0#
125 14.3 8.2 12.4#



#92
Benzo(g,h,i)perylene
Concen: 5.58 ng
RT: 27.527 min Scan# 4189
Delta R.T. 0.035 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

Tgt Ion:276 Resp: 210754
Ion Ratio Lower Upper
276 100
277 29.7 19.0 28.6#
138 20.2 16.6 24.8

