

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110620\
 Data File : BP003837.D
 Acq On : 06 Nov 2020 13:26
 Operator : CG/JU
 Sample : L4635-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 356

Quant Time: Nov 06 15:31:49 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)

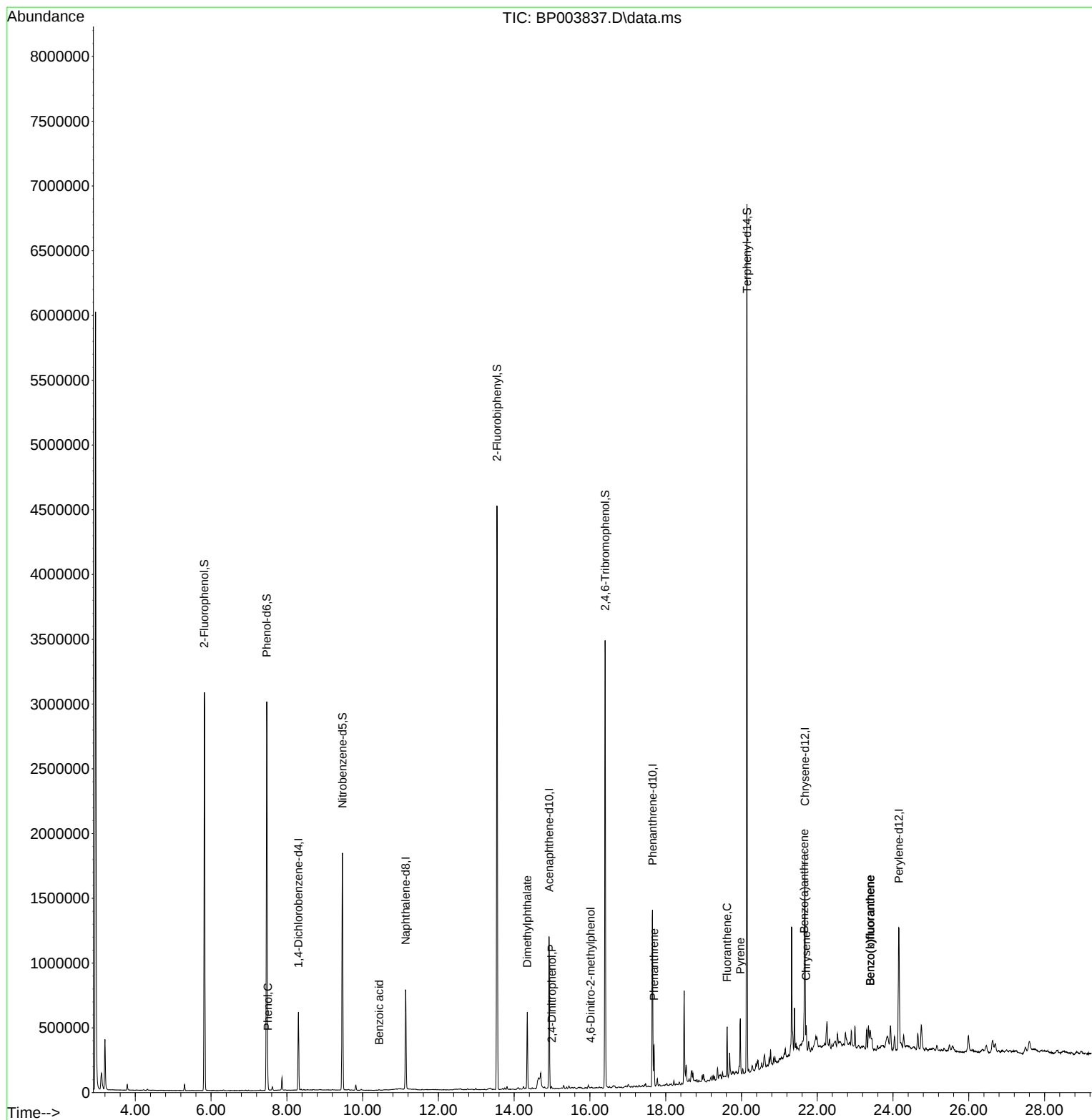
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	163026	20.00	ng	0.00
21) Naphthalene-d8	11.134	136	629967	20.00	ng	# 0.00
39) Acenaphthene-d10	14.922	164	390484	20.00	ng	0.00
64) Phenanthrene-d10	17.651	188	815001	20.00	ng	# 0.00
76) Chrysene-d12	21.675	240	741106	20.00	ng	0.00
86) Perylene-d12	24.157	264	770813	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	1299799	133.07	ng	0.00
7) Phenol-d6	7.469	99	1688863	120.44	ng	0.00
23) Nitrobenzene-d5	9.469	82	1049071	81.56	ng	0.00
42) 2,4,6-Tribromophenol	16.404	330	673605	137.92	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	2282838	81.73	ng	0.00
79) Terphenyl-d14	20.145	244	2895959	75.49	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.399	77	316	Below Cal	#	49
10) Phenol	7.499	94	32927	2.43	ng	84
32) Benzoic acid	10.440	122	142	8.33	ng	# 66
50) Dimethylphthalate	14.346	163	364003	11.93	ng	99
54) 2,4-Dinitrophenol	14.993	184	42	2.75	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.022	198	50	6.35	ng	# 1
71) Phenanthrene	17.692	178	192475	4.21	ng	98
75) Fluoranthene	19.622	202	231939	4.39	ng	99
78) Pyrene	19.969	202	248637	4.94	ng	99
81) Benzo(a)anthracene	21.657	228	99650	2.04	ng	97
83) Chrysene	21.710	228	117529	2.50	ng	97
88) Benzo(b)fluoranthene	23.398	252	126164	2.50	ng	# 95
89) Benzo(k)fluoranthene	23.398	252	126164	2.53	ng	# 96

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

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QLast Update : Fri Nov 06 11:33:14 2020
Response via : Initial Calibration

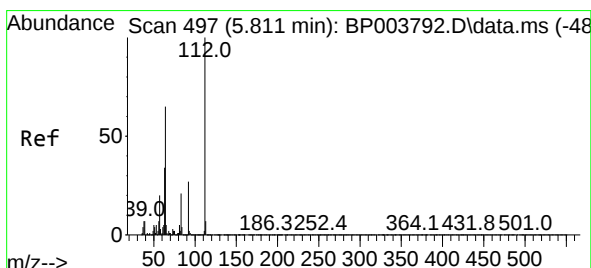
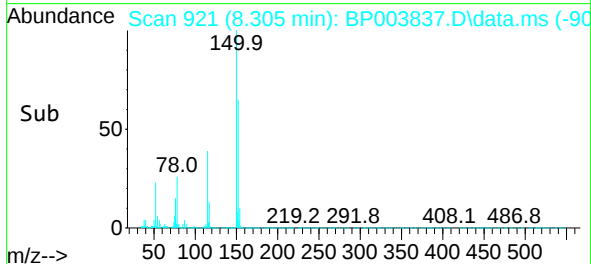
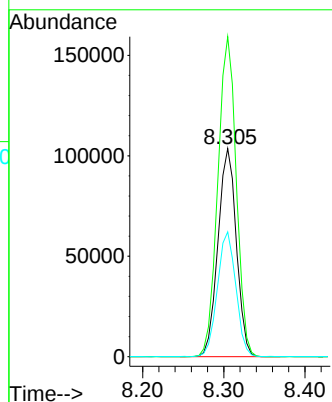
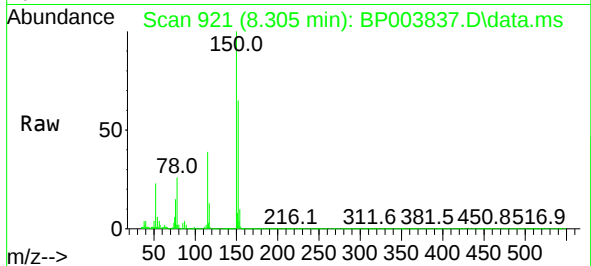




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.305 min Scan# 921
Delta R.T. -0.000 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

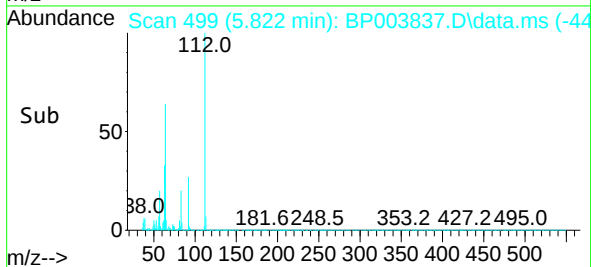
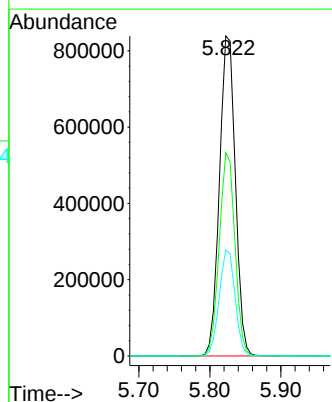
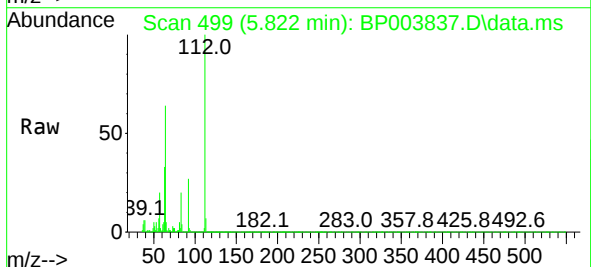
Instrument :
BNA_P
ClientSampleId :
356

Tgt Ion:152 Resp: 163026
Ion Ratio Lower Upper
152 100
150 153.8 123.8 185.6
115 60.0 43.8 65.6



#5
2-Fluorophenol
Concen: 133.07 ng
RT: 5.822 min Scan# 499
Delta R.T. 0.000 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

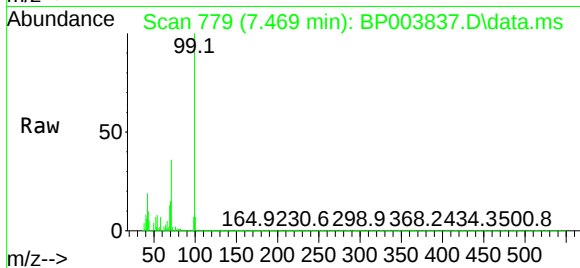
Tgt Ion:112 Resp: 1299799
Ion Ratio Lower Upper
112 100
64 63.6 32.8 49.2#
63 33.1 17.0 25.4#



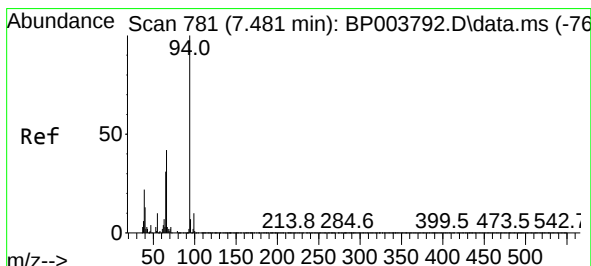
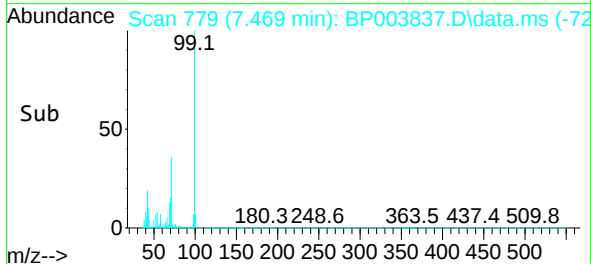
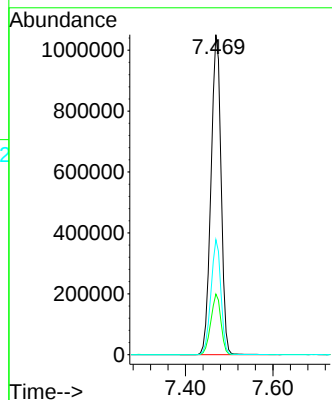


#7
Phenol-d6
Concen: 120.44 ng
RT: 7.469 min Scan# 779
Delta R.T. 0.000 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

Instrument :
BNA_P
ClientSampleId :
356

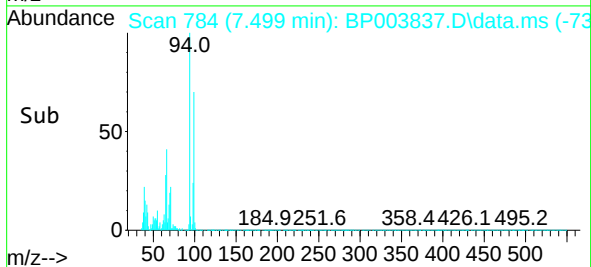
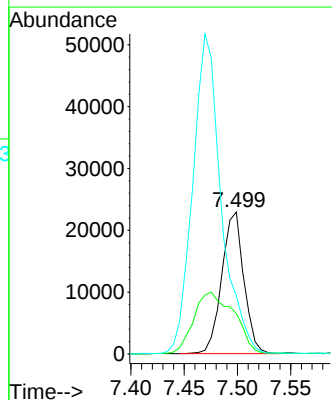
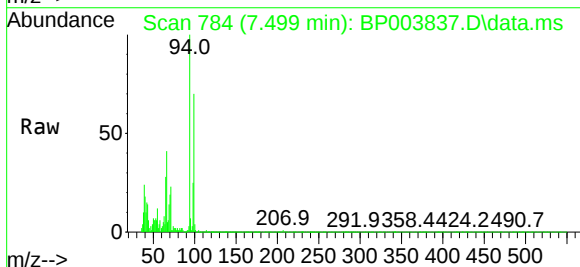


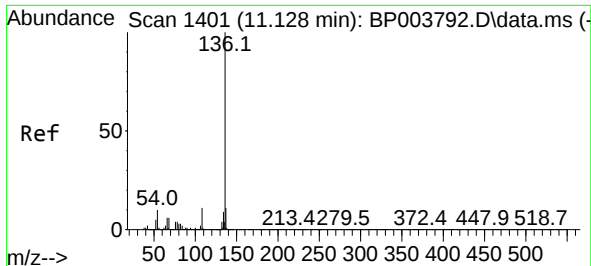
Tgt Ion: 99 Resp: 1688863
Ion Ratio Lower Upper
99 100
42 19.0 8.6 13.0#
71 35.9 23.4 35.2#



#10
Phenol
Concen: 2.43 ng
RT: 7.499 min Scan# 784
Delta R.T. 0.000 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

Tgt Ion: 94 Resp: 32927
Ion Ratio Lower Upper
94 100
65 28.5 2.3 42.3
66 40.9 10.9 50.9

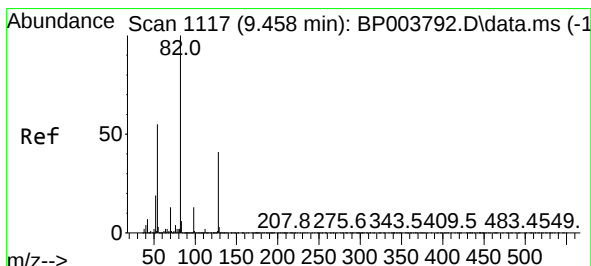
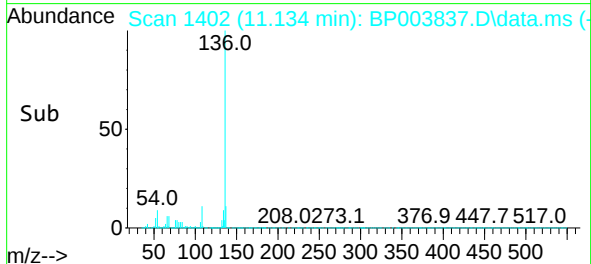
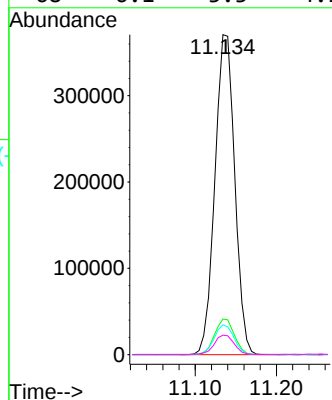
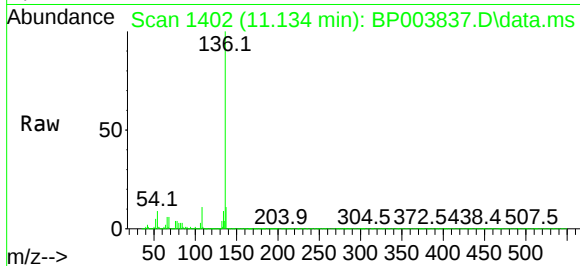




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.134 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

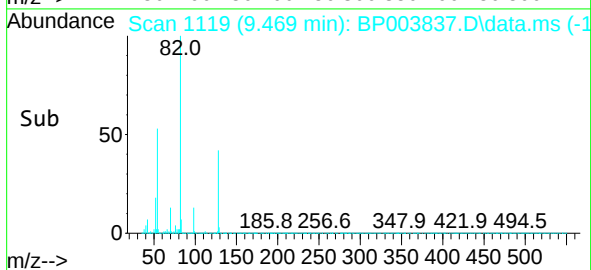
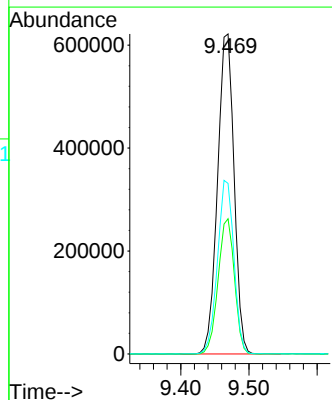
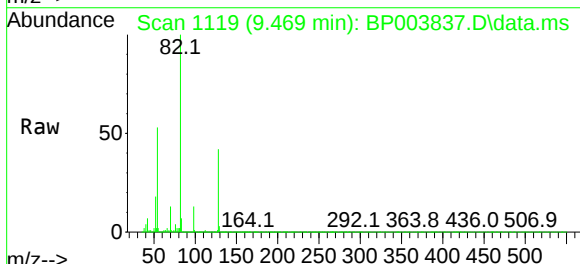
Instrument :
BNA_P
ClientSampleId :
356

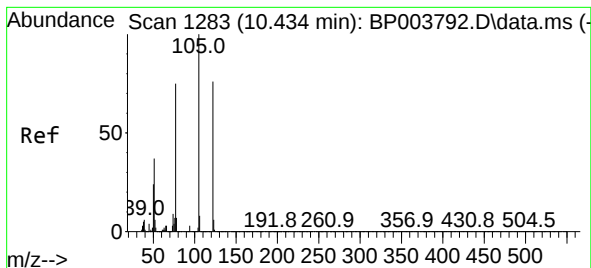
Tgt Ion:	136	Resp:	629967
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	9.3	3.6	5.4#
68	6.1	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 81.56 ng
RT: 9.469 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

Tgt Ion:	82	Resp:	1049071
Ion Ratio	Lower	Upper	
82	100		
128	42.2	45.6	68.4#
54	53.3	30.1	45.1#

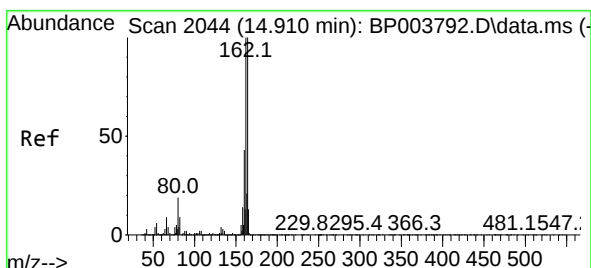
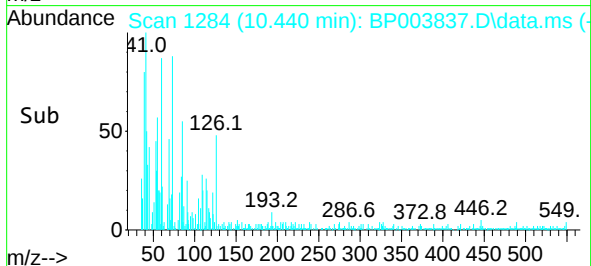
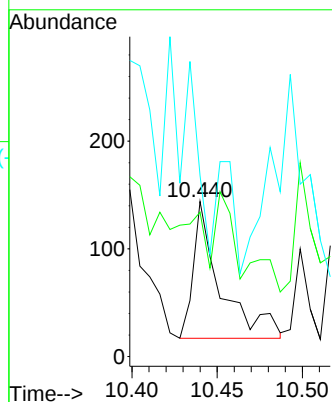
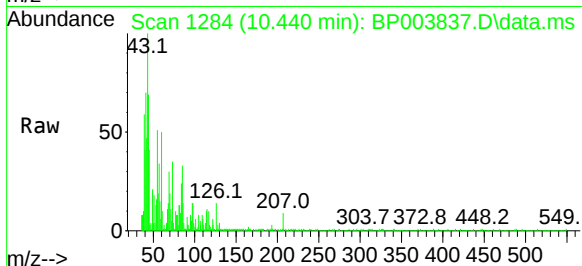




#32
Benzoic acid
Concen: 8.33 ng
RT: 10.440 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

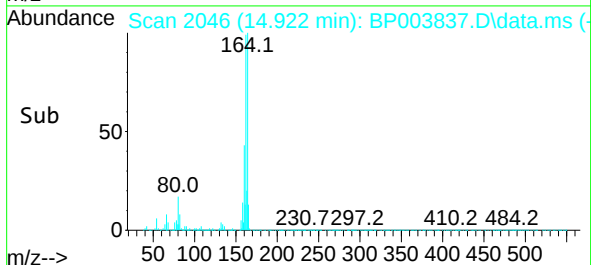
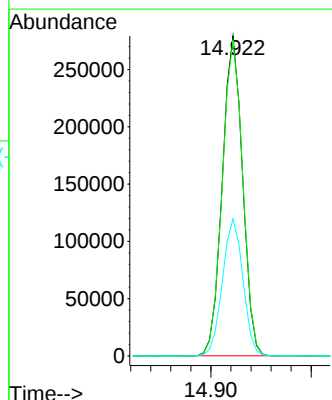
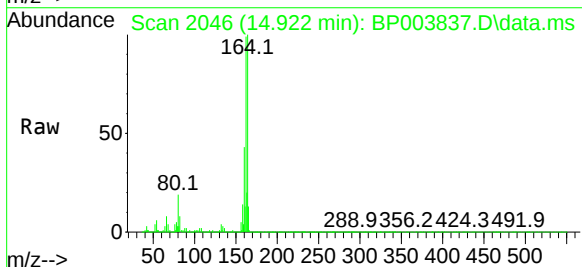
Instrument :
BNA_P
ClientSampled :
356

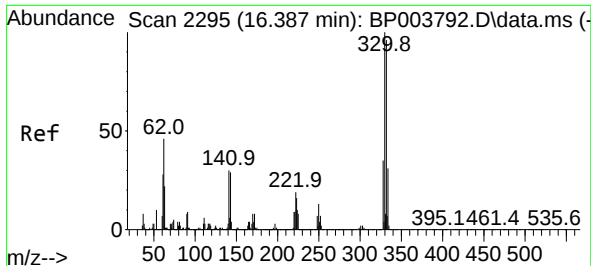
Tgt Ion:122 Resp: 142
Ion Ratio Lower Upper
122 100
105 93.1 94.1 134.1#
77 116.7 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.922 min Scan# 2046
Delta R.T. 0.006 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

Tgt Ion:164 Resp: 390484
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.2
160 42.8 36.1 54.1

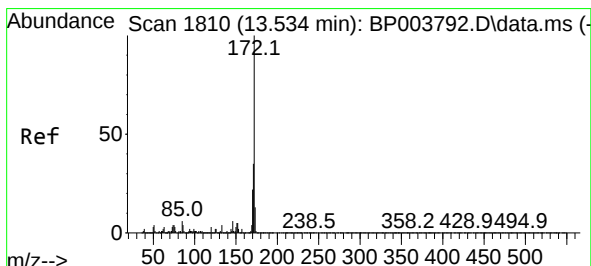
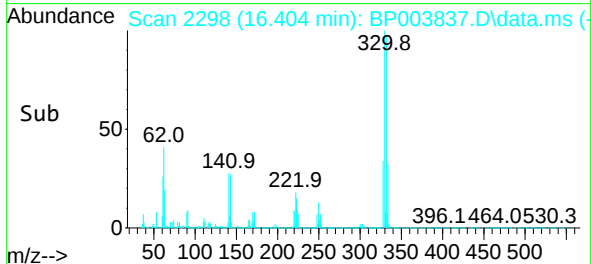
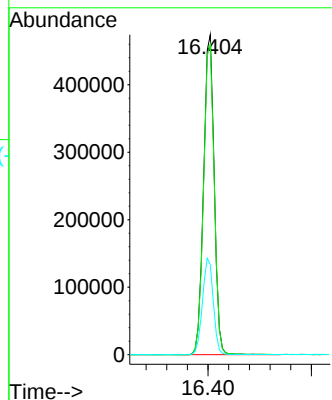
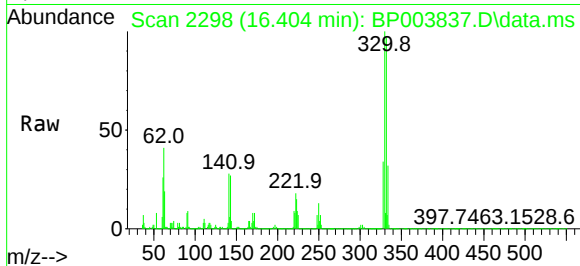




#42
2,4,6-Tribromophenol
Concen: 137.92 ng
RT: 16.404 min Scan# 2298
Delta R.T. 0.006 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

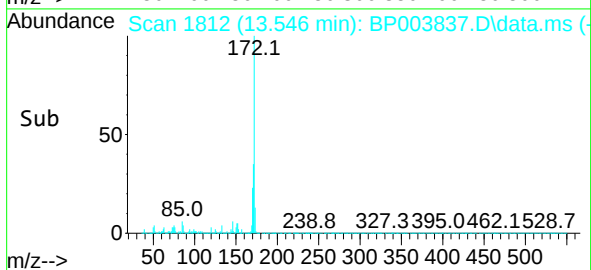
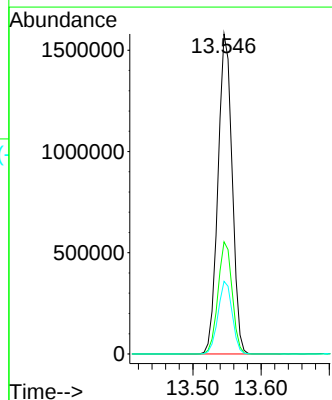
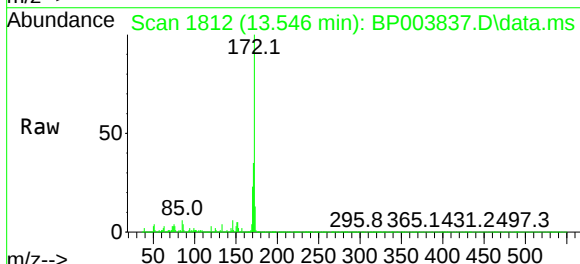
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BNA_P
ClientSampleId :
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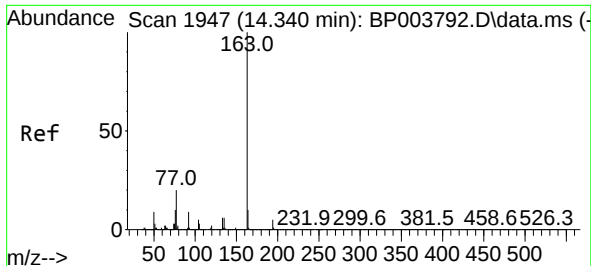
Tgt Ion:330 Resp: 673605
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 30.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 81.73 ng
RT: 13.546 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

Tgt Ion:172 Resp: 2282838
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 22.7 19.2 28.8

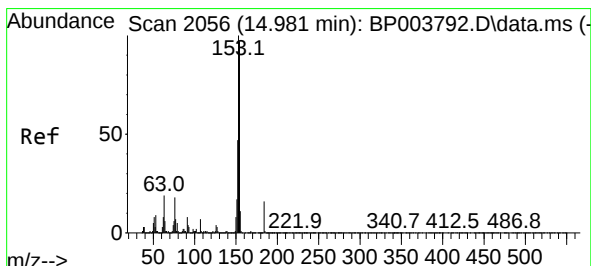
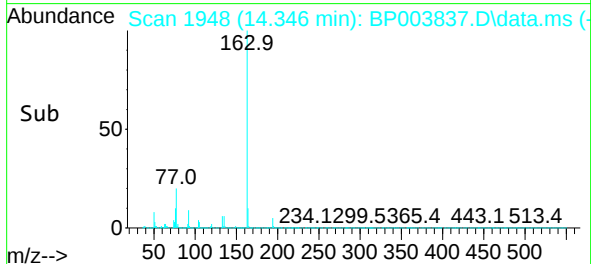
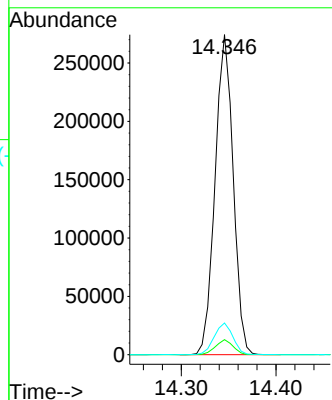
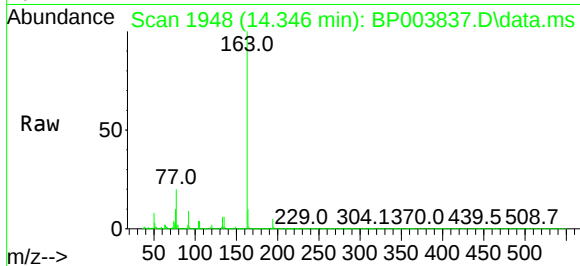




#50
Dimethylphthalate
Concen: 11.93 ng
RT: 14.346 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

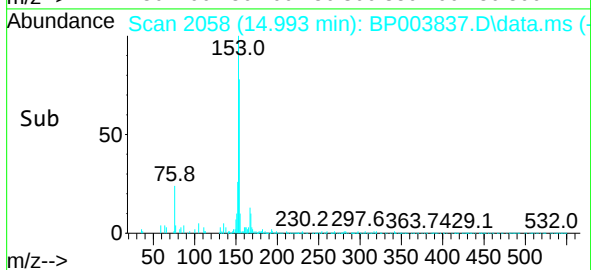
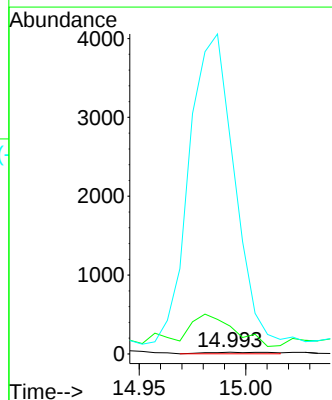
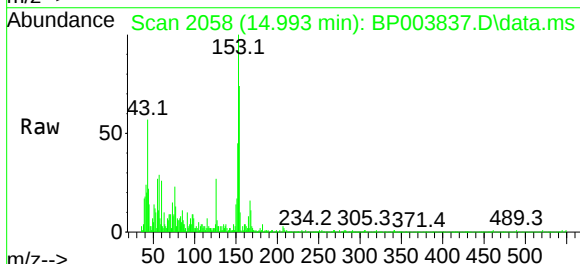
Instrument :
BNA_P
ClientSampled :
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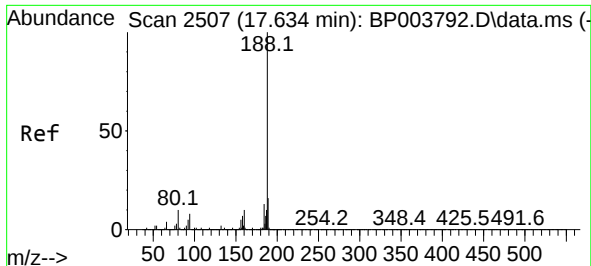
Tgt Ion:163 Resp: 364003
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 9.9 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.993 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

Tgt Ion:184 Resp: 42
Ion Ratio Lower Upper
184 100
63 2272.7 32.3 48.5#
154 12418.2 49.1 73.7#

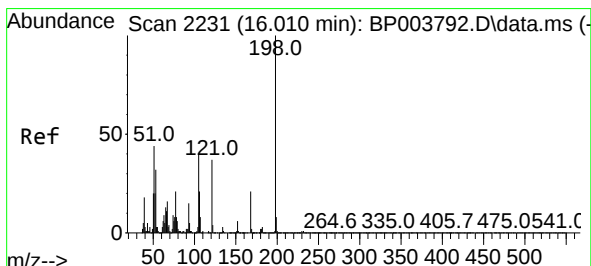
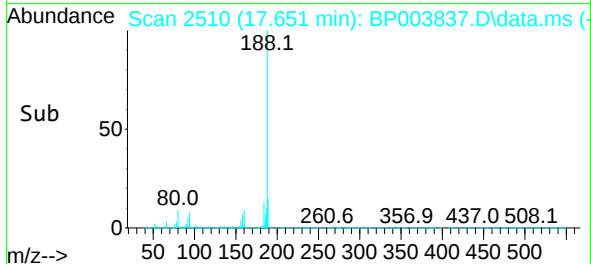
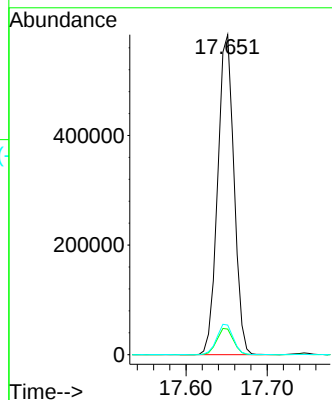
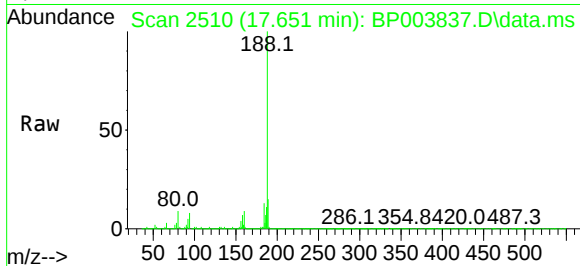




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.651 min Scan# 2510
Delta R.T. 0.006 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

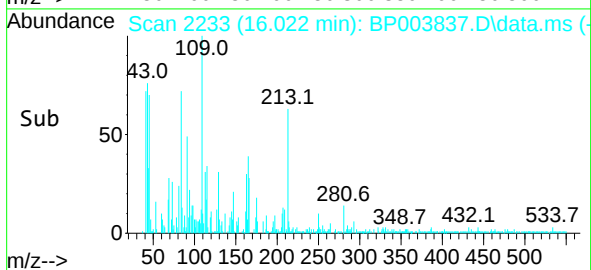
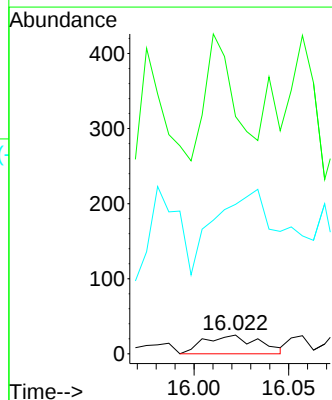
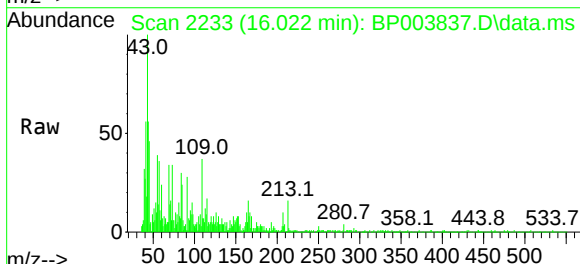
Instrument :
BNA_P
ClientSampled :
356

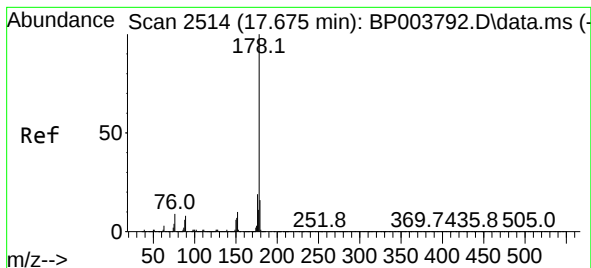
Tgt Ion:188 Resp: 815001
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 9.3 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.022 min Scan# 2233
Delta R.T. 0.000 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

Tgt Ion:198 Resp: 50
Ion Ratio Lower Upper
198 100
51 1264.0 6.4 46.4#
105 796.0 18.9 58.9#

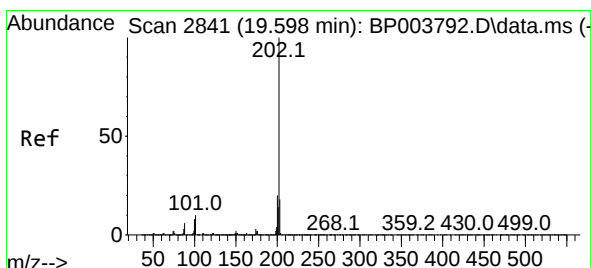
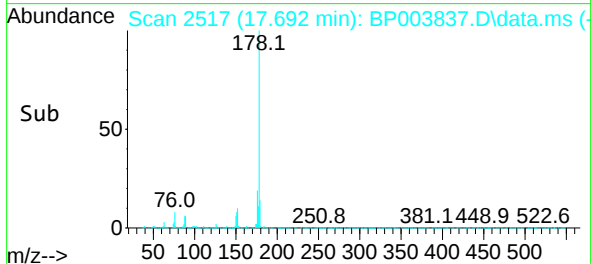
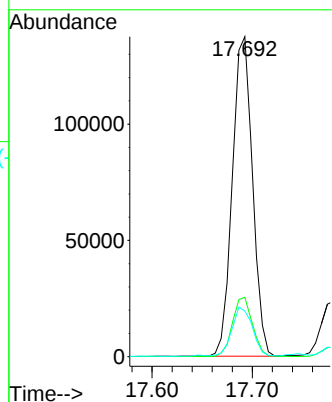
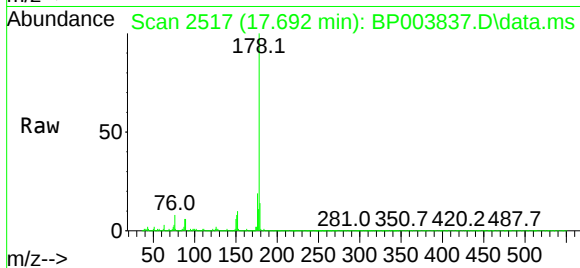




#71
Phenanthrene
Concen: 4.21 ng
RT: 17.692 min Scan# 2517
Delta R.T. 0.006 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

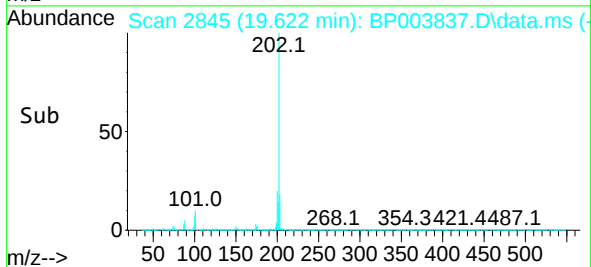
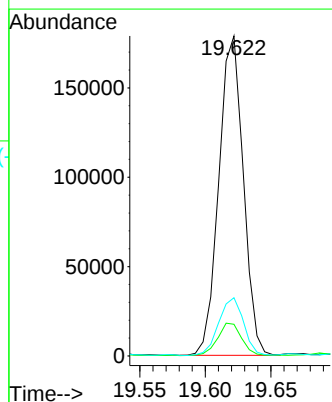
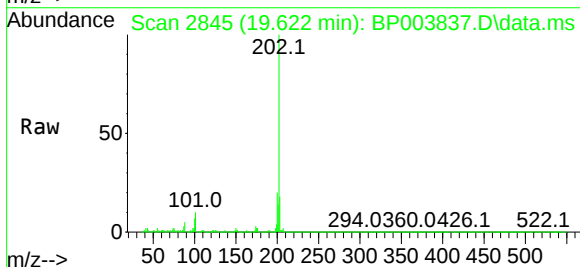
Instrument :
BNA_P
ClientSampled :
356

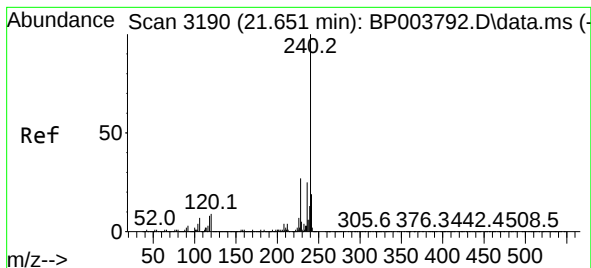
Tgt Ion:178 Resp: 192475
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 14.3 12.5 18.7



#75
Fluoranthene
Concen: 4.39 ng
RT: 19.622 min Scan# 2845
Delta R.T. 0.006 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

Tgt Ion:202 Resp: 231939
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.4
203 18.2 0.0 37.8





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.675 min Scan# 3194

Delta R.T. 0.006 min

Lab File: BP003837.D

Acq: 06 Nov 2020 13:26

Instrument :

BNA_P

ClientSampleId :

356

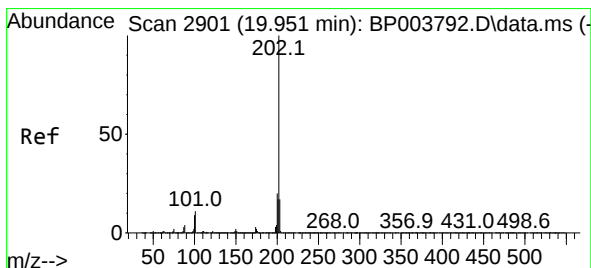
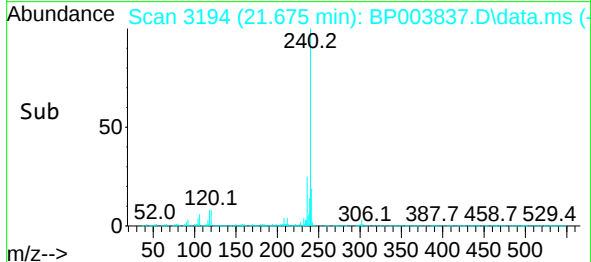
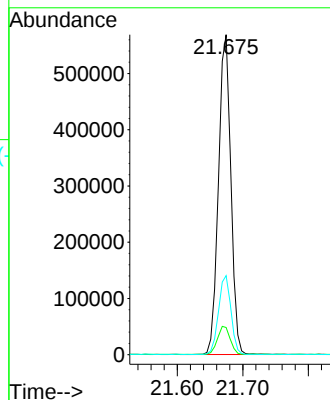
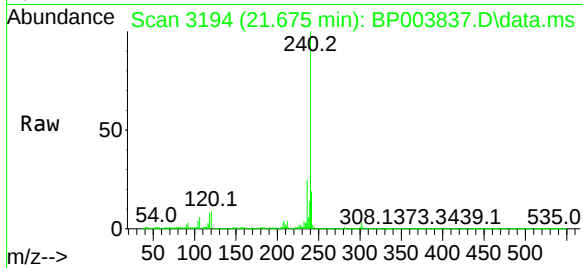
Tgt Ion:240 Resp: 741106

Ion Ratio Lower Upper

240 100

120 8.5 7.8 11.6

236 24.7 20.8 31.2



#78

Pyrene

Concen: 4.94 ng

RT: 19.969 min Scan# 2904

Delta R.T. 0.006 min

Lab File: BP003837.D

Acq: 06 Nov 2020 13:26

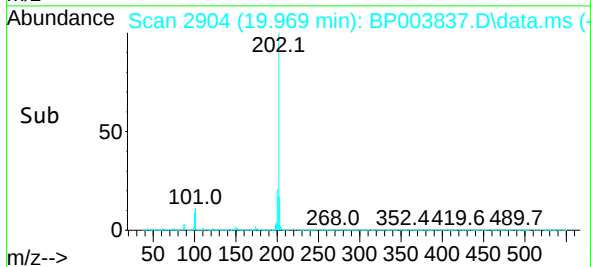
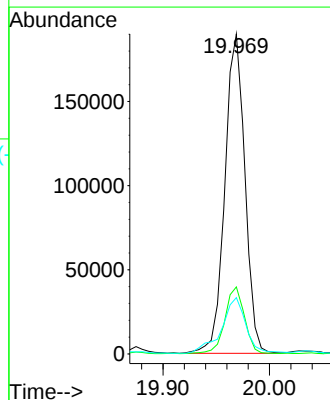
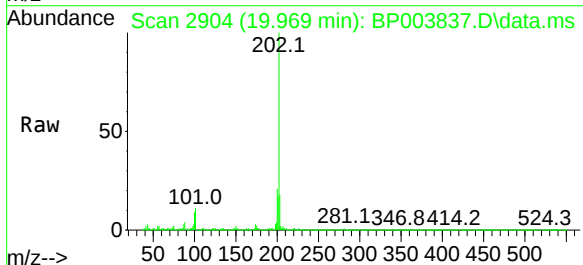
Tgt Ion:202 Resp: 248637

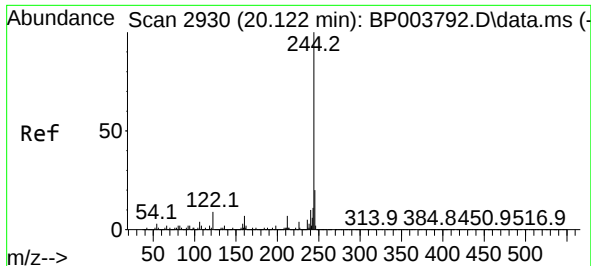
Ion Ratio Lower Upper

202 100

200 20.9 17.1 25.7

203 17.6 14.2 21.2

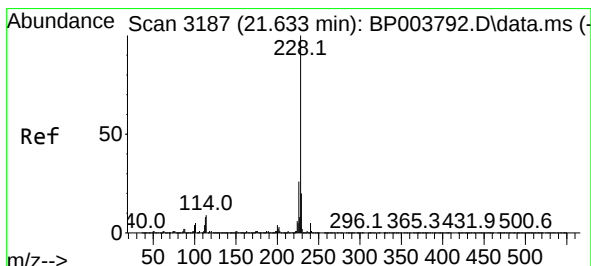
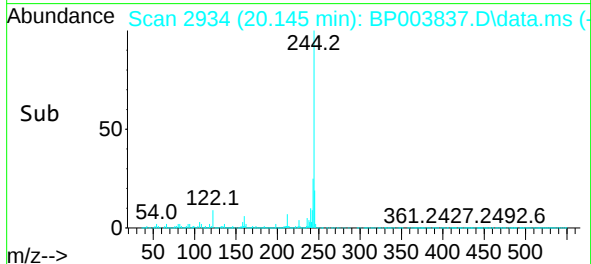
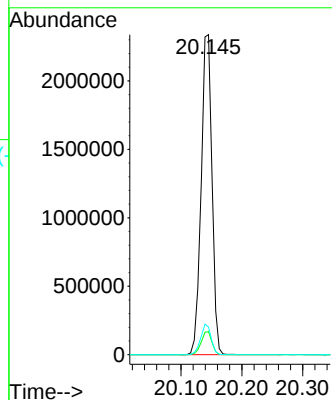
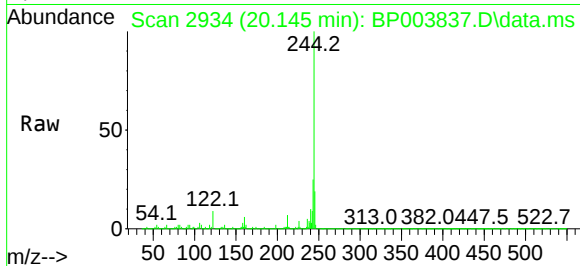




#79
Terphenyl-d14
Concen: 75.49 ng
RT: 20.145 min Scan# 2934
Delta R.T. 0.012 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

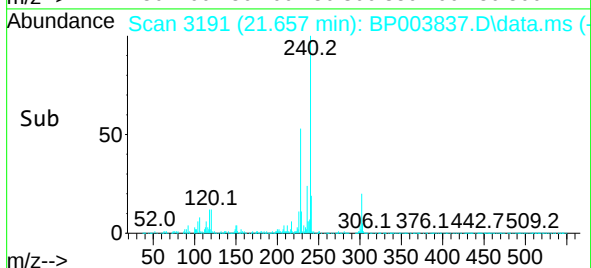
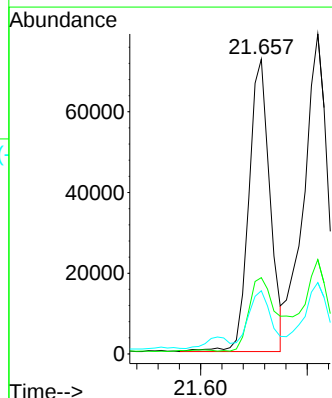
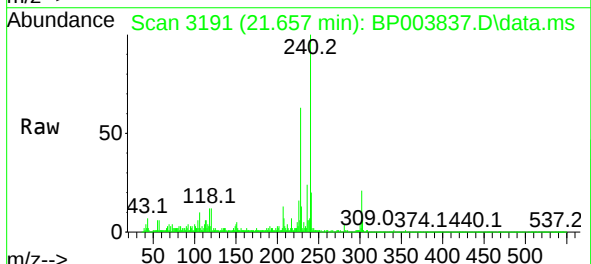
Instrument :
BNA_P
ClientSampleId :
356

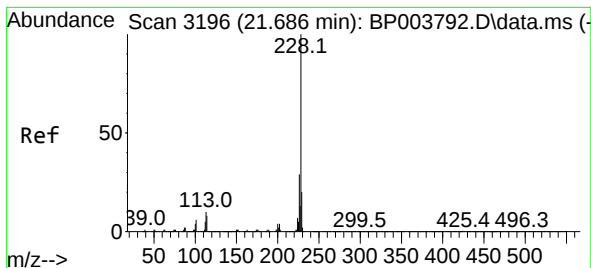
Tgt Ion:244 Resp: 2895959
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 8.6 7.8 11.8



#81
Benzo(a)anthracene
Concen: 2.04 ng
RT: 21.657 min Scan# 3191
Delta R.T. 0.006 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

Tgt Ion:228 Resp: 99650
Ion Ratio Lower Upper
228 100
226 25.9 22.1 33.1
229 21.4 15.9 23.9





#83

Chrysene

Concen: 2.50 ng

RT: 21.710 min Scan# 3200

Delta R.T. 0.006 min

Lab File: BP003837.D

Acq: 06 Nov 2020 13:26

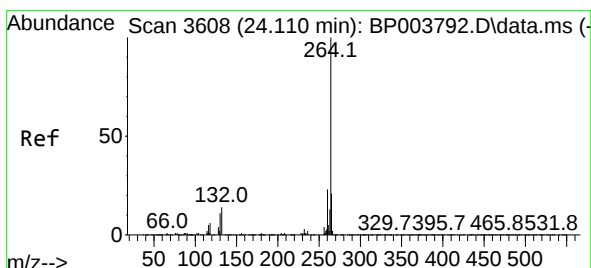
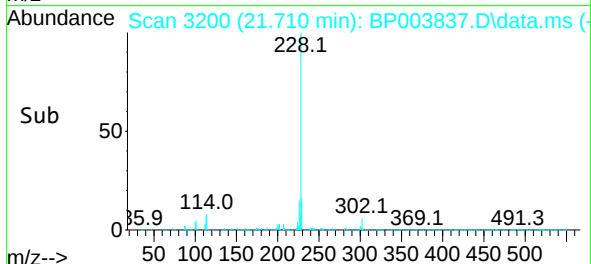
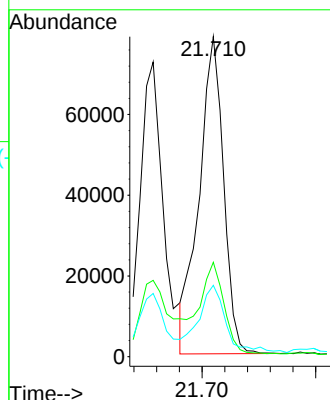
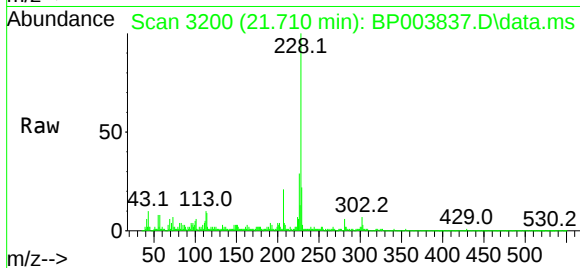
Instrument :

BNA_P

ClientSampled :

356

Tgt Ion:228	Resp:	117529
Ion Ratio	Lower	Upper
228	100	
226	29.5	24.4 36.6
229	22.3	15.8 23.6



#86

Perylene-d12

Concen: 20.00 ng

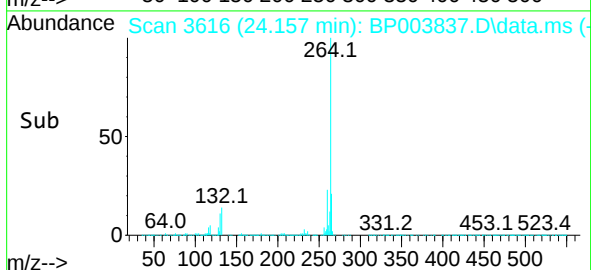
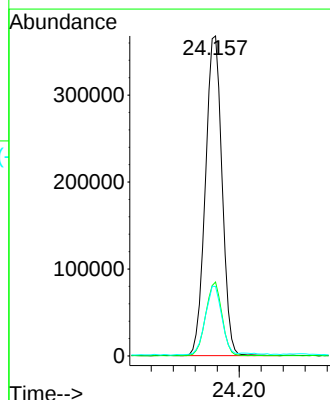
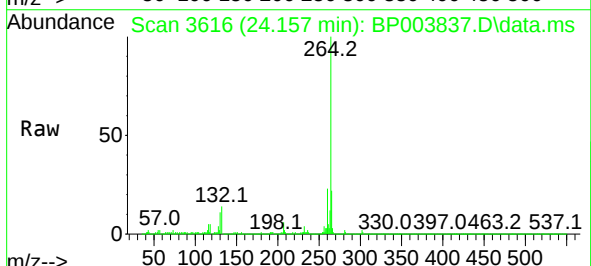
RT: 24.157 min Scan# 3616

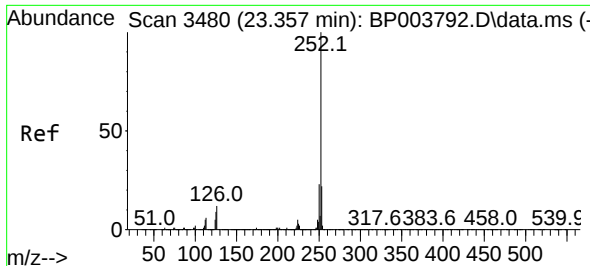
Delta R.T. 0.012 min

Lab File: BP003837.D

Acq: 06 Nov 2020 13:26

Tgt Ion:264	Resp:	770813
Ion Ratio	Lower	Upper
264	100	
260	23.1	18.8 28.2
265	21.7	17.4 26.2

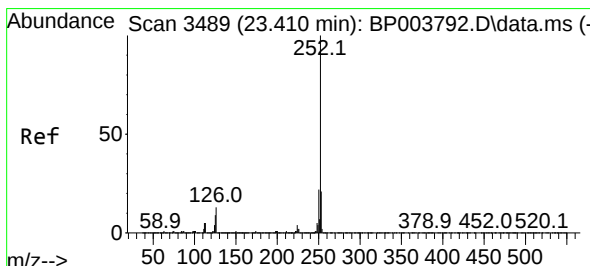
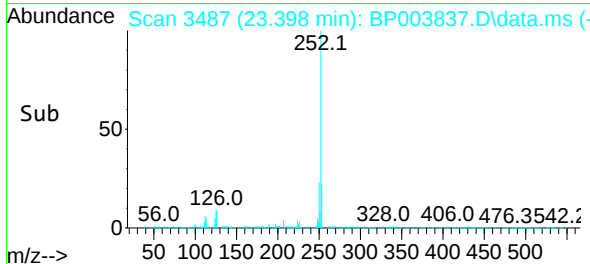
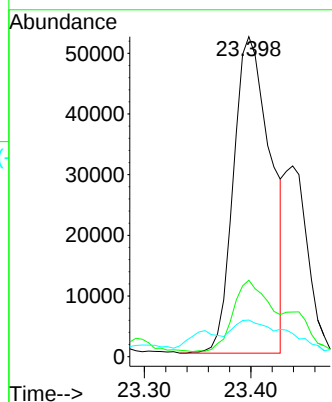
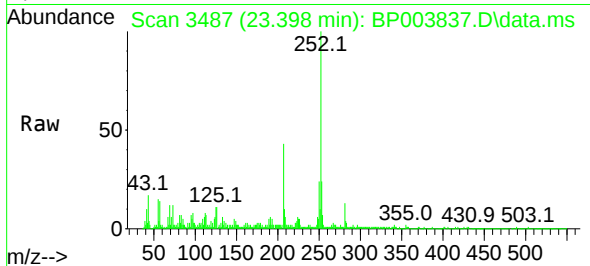




#88
Benzo(b)fluoranthene
Concen: 2.50 ng
RT: 23.398 min Scan# 3487
Delta R.T. 0.006 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

Instrument :
BNA_P
ClientSampled :
356

Tgt Ion:252 Resp: 126164
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 11.5 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 2.53 ng
RT: 23.398 min Scan# 3487
Delta R.T. -0.041 min
Lab File: BP003837.D
Acq: 06 Nov 2020 13:26

Tgt Ion:252 Resp: 126164
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 11.5 7.4 11.2#

