

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
 Data File : BP004024.D
 Acq On : 20 Nov 2020 14:41
 Operator : CG/JU
 Sample : L4808-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 11931

Quant Time: Nov 20 15:12:22 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 20 12:19:10 2020
 Response via : Initial Calibration

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

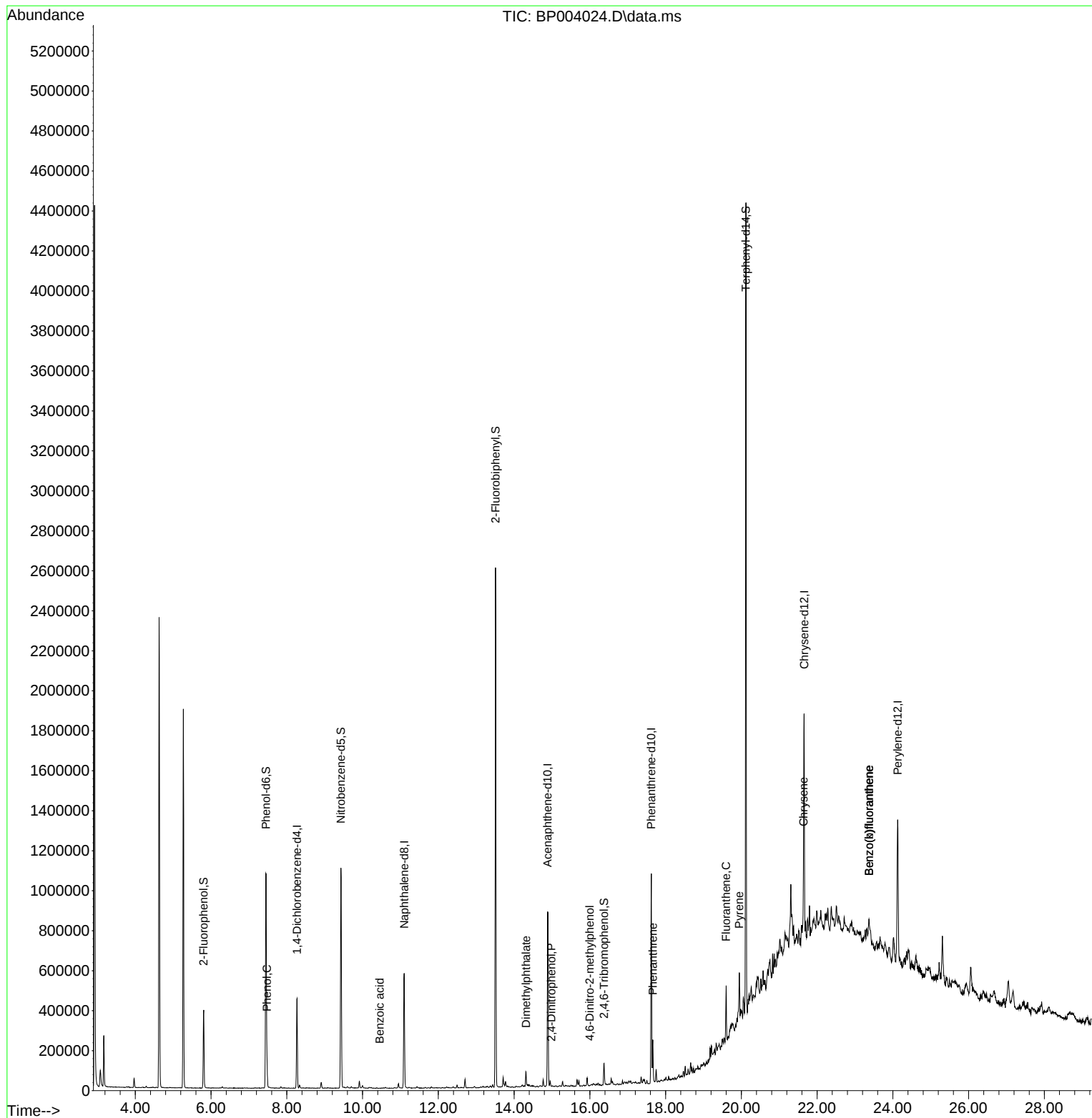
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	122468	20.00	ng	0.00
21) Naphthalene-d8	11.098	136	470346	20.00	ng	# 0.00
39) Acenaphthene-d10	14.886	164	309701	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	615288	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	555594	20.00	ng	0.00
86) Perylene-d12	24.127	264	575509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	161529	22.01	ng	0.00
7) Phenol-d6	7.452	99	623431	59.19	ng	0.00
23) Nitrobenzene-d5	9.428	82	608163	63.33	ng	-0.01
42) 2,4,6-Tribromophenol	16.375	330	19464	5.02	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	1279485	57.76	ng	0.00
79) Terphenyl-d14	20.121	244	1720008	59.81	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.381	77	560	Below Cal	#	65
10) Phenol	7.475	94	54221	5.33	ng	81
32) Benzoic acid	10.451	122	72	8.32	ng	# 45
50) Dimethylphthalate	14.316	163	50215	2.07	ng	99
54) 2,4-Dinitrophenol	14.981	184	31	2.75	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.998	198	18	6.35	ng	# 1
71) Phenanthrene	17.663	178	125953	3.65	ng	98
75) Fluoranthene	19.598	202	157341	3.95	ng	99
78) Pyrene	19.945	202	138838	3.68	ng	98
83) Chrysene	21.639	228	72970	2.07	ng	92
88) Benzo(b)fluoranthene	23.374	252	104965	2.79	ng	# 81
89) Benzo(k)fluoranthene	23.374	252	104965	2.82	ng	# 81

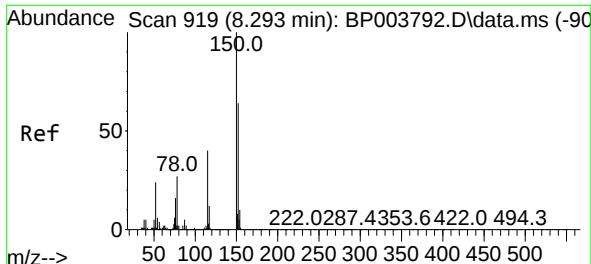
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

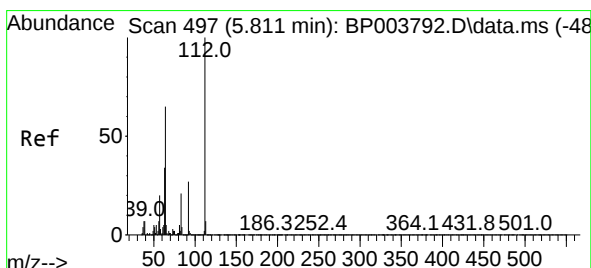
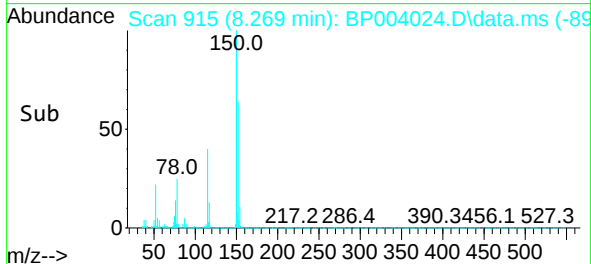
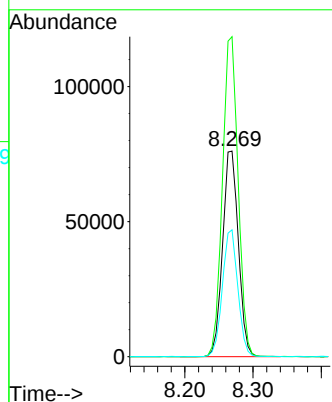
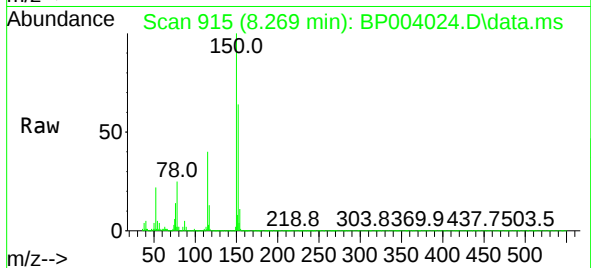




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

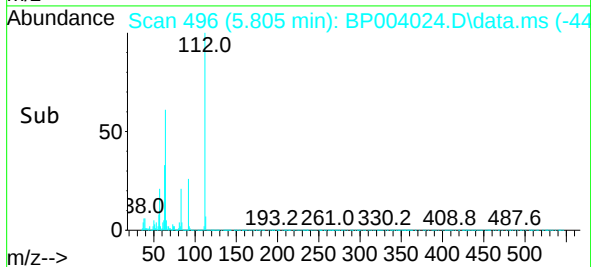
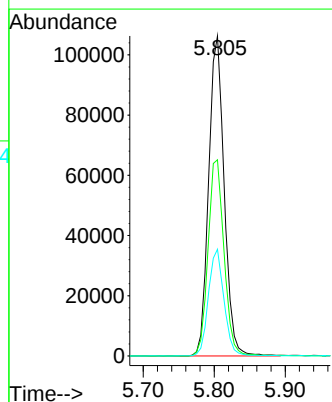
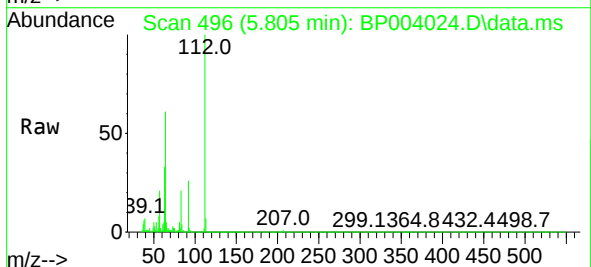
Instrument :
BNA_P
ClientSampleId :
11931

Tgt Ion:152 Resp: 122468
Ion Ratio Lower Upper
152 100
150 155.6 123.8 185.6
115 61.7 43.8 65.6



#5
2-Fluorophenol
Concen: 22.01 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

Tgt Ion:112 Resp: 161529
Ion Ratio Lower Upper
112 100
64 61.3 32.8 49.2#
63 33.3 17.0 25.4#

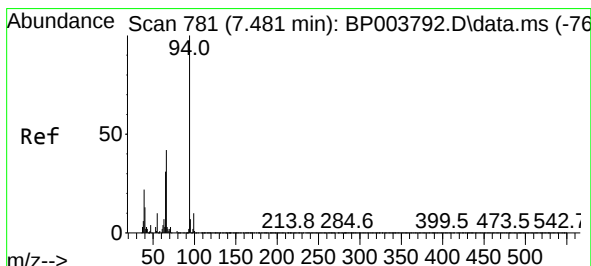
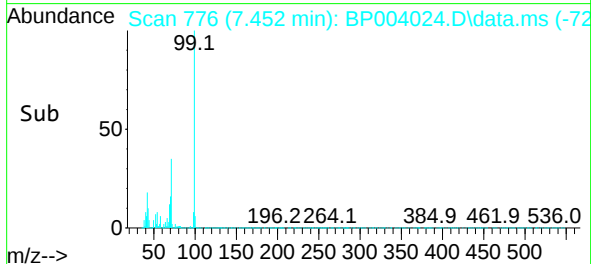
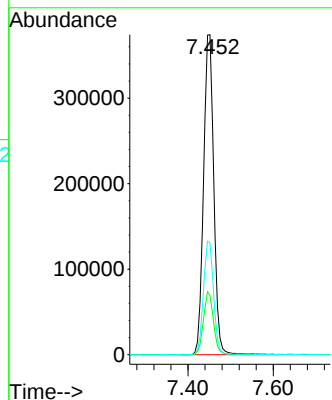
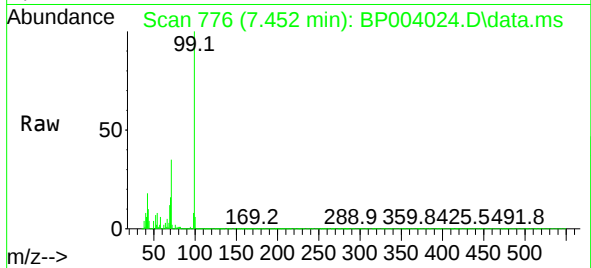




#7
Phenol-d6
Concen: 59.19 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

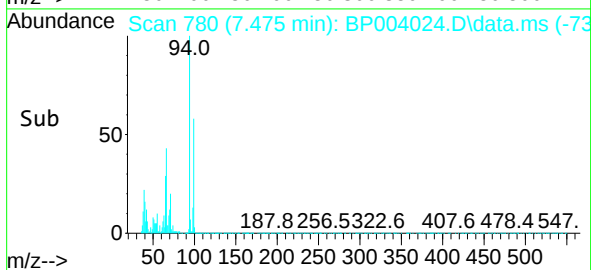
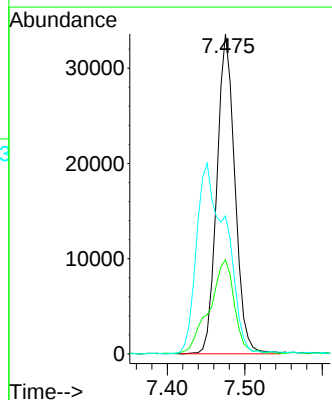
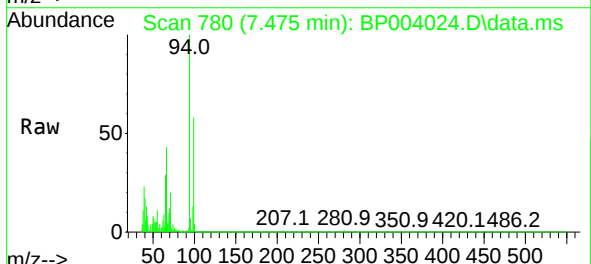
Instrument :
BNA_P
ClientSampleId :
11931

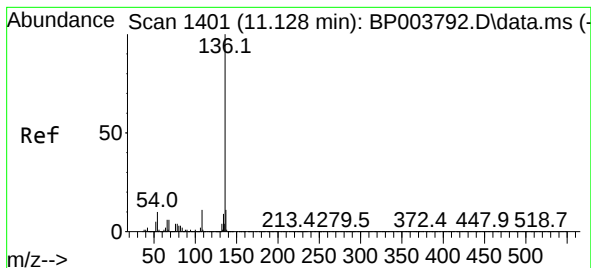
Tgt Ion: 99 Resp: 623431
Ion Ratio Lower Upper
99 100
42 18.5 8.6 13.0#
71 35.0 23.4 35.2



#10
Phenol
Concen: 5.33 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

Tgt Ion: 94 Resp: 54221
Ion Ratio Lower Upper
94 100
65 29.5 2.3 42.3
66 43.1 10.9 50.9

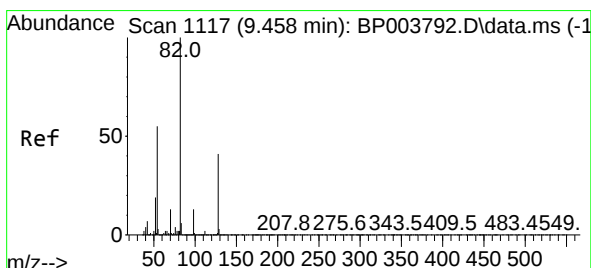
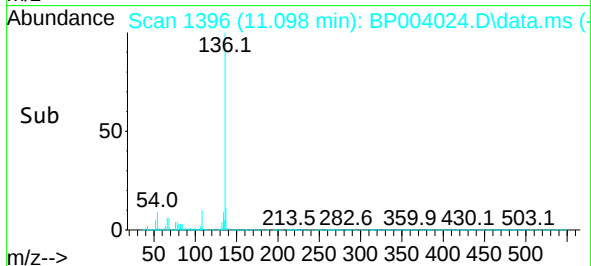
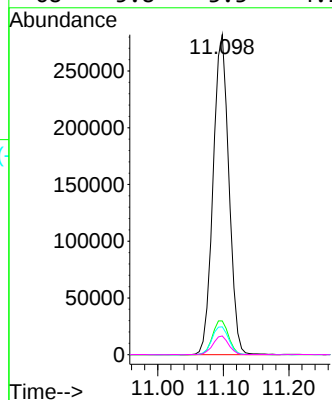
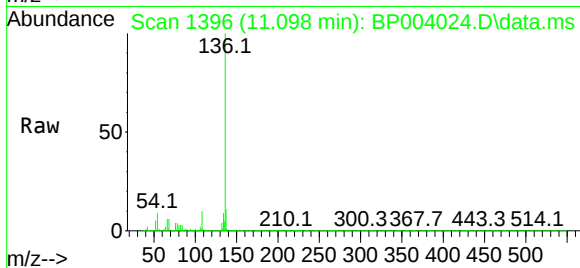




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.098 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

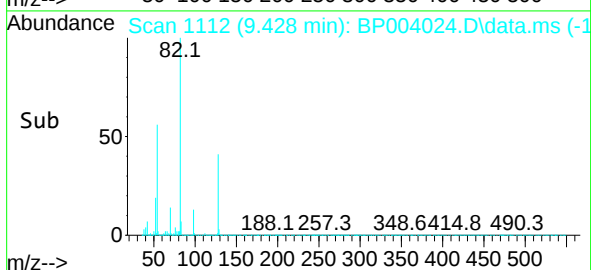
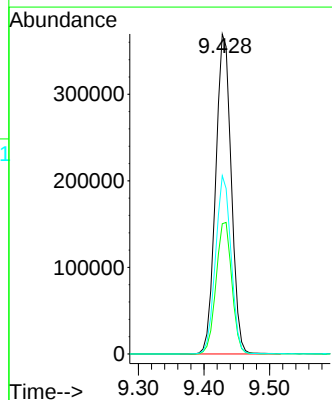
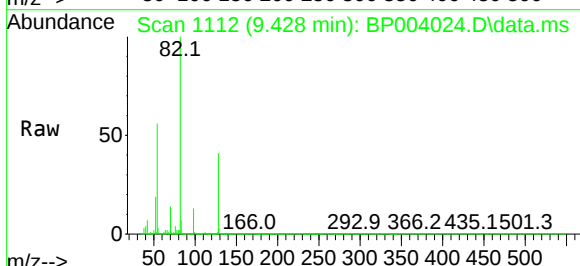
Instrument :
BNA_P
ClientSampleId :
11931

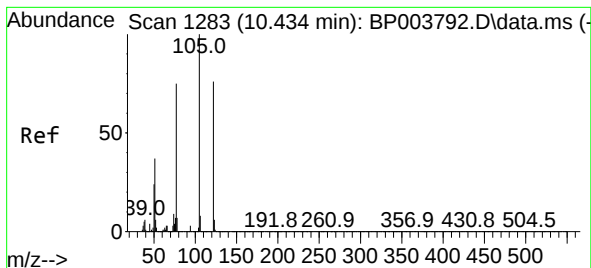
Tgt Ion:	136	Resp:	470346
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	8.7	3.6	5.4#
68	5.8	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 63.33 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

Tgt Ion:	82	Resp:	608163
Ion Ratio	Lower	Upper	
82	100		
128	40.7	45.6	68.4#
54	55.7	30.1	45.1#

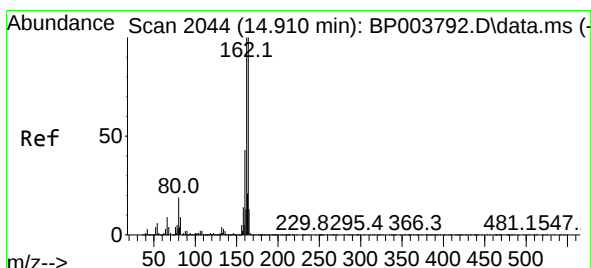
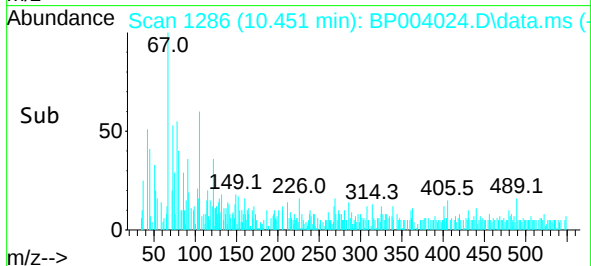
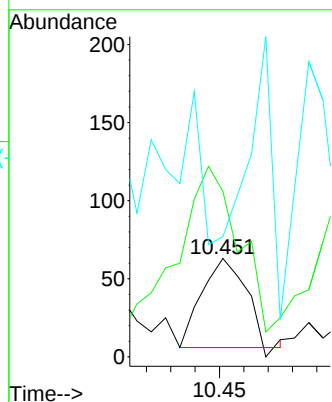
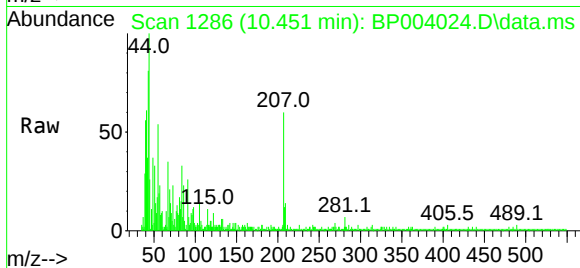




#32
Benzoic acid
Concen: 8.32 ng
RT: 10.451 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

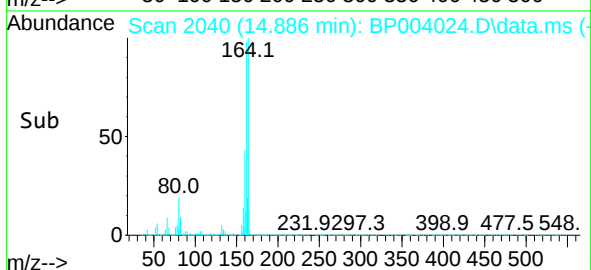
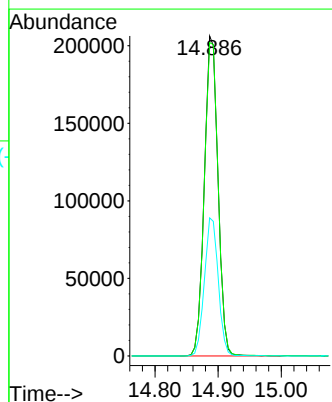
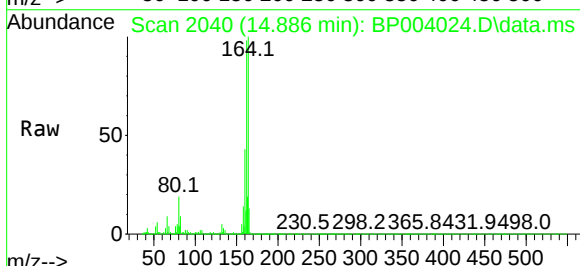
Instrument :
BNA_P
ClientSampled :
11931

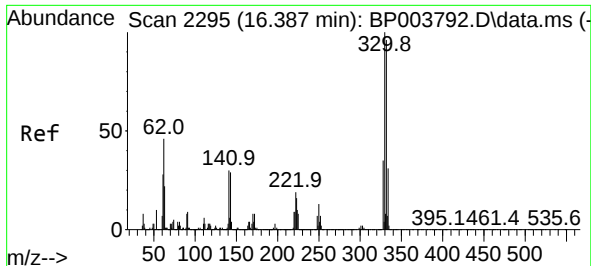
Tgt Ion:122 Resp: 72
Ion Ratio Lower Upper
122 100
105 168.3 94.1 134.1#
77 122.2 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.886 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

Tgt Ion:164 Resp: 309701
Ion Ratio Lower Upper
164 100
162 98.0 79.4 119.2
160 43.2 36.1 54.1

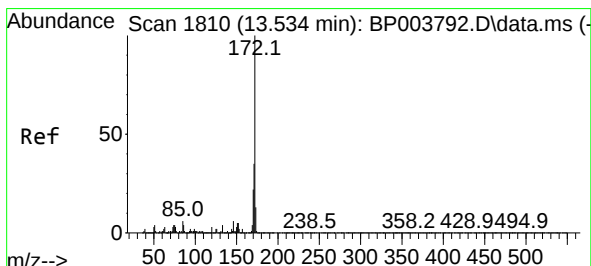
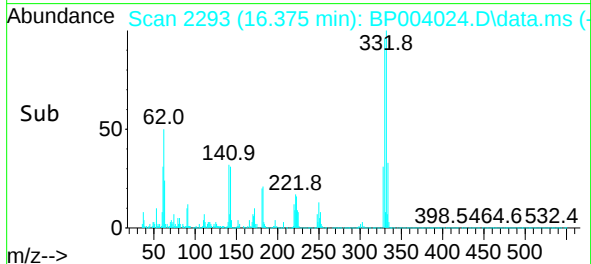
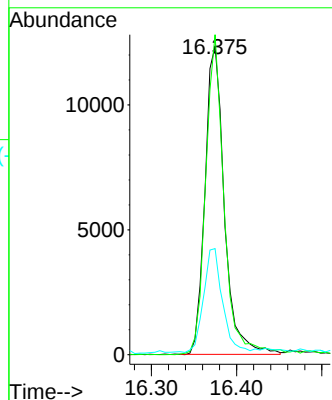
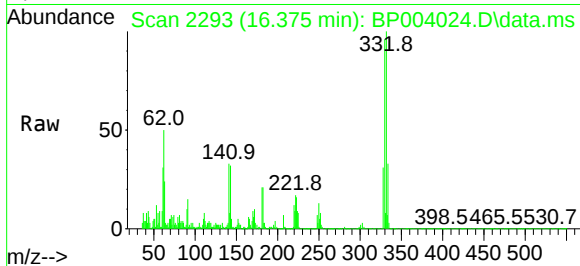




#42
2,4,6-Tribromophenol
Concen: 5.02 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

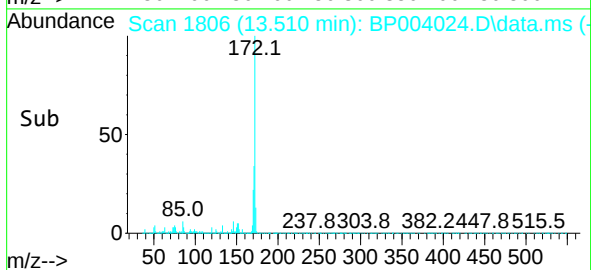
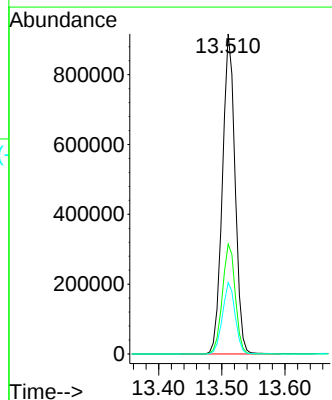
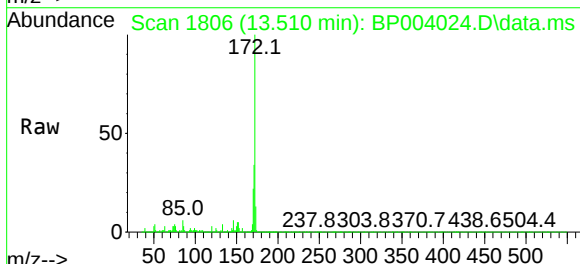
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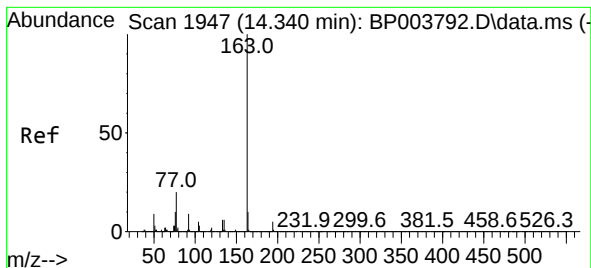
Tgt Ion:	330	Resp:	19464
Ion Ratio	Lower	Upper	
330	100		
332	99.2	77.1	115.7
141	32.7	23.4	35.2



#45
2-Fluorobiphenyl
Concen: 57.76 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

Tgt Ion:	172	Resp:	1279485
Ion Ratio	Lower	Upper	
172	100		
171	34.4	28.5	42.7
170	22.3	19.2	28.8

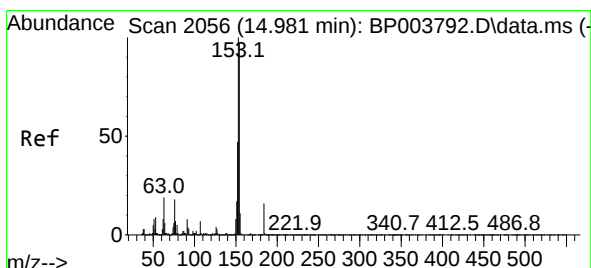
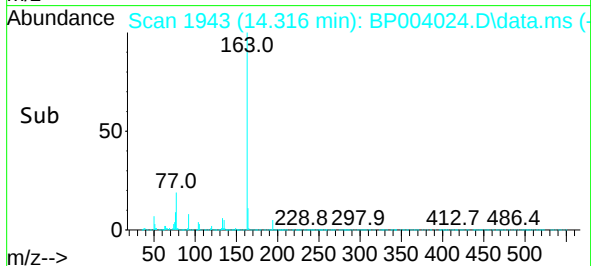
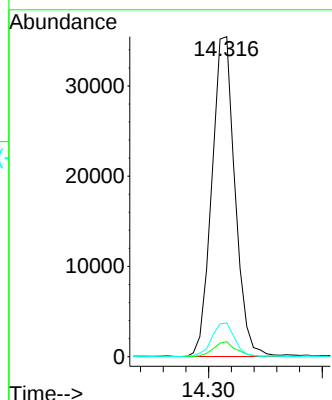
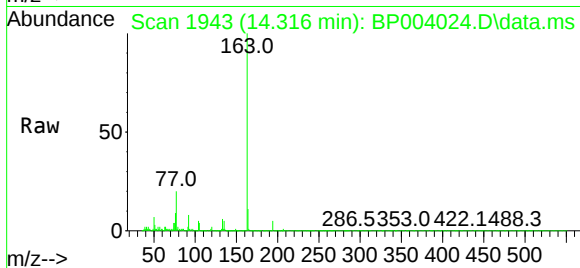




#50
Dimethylphthalate
Concen: 2.07 ng
RT: 14.316 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

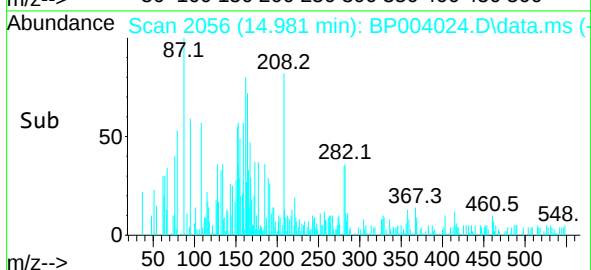
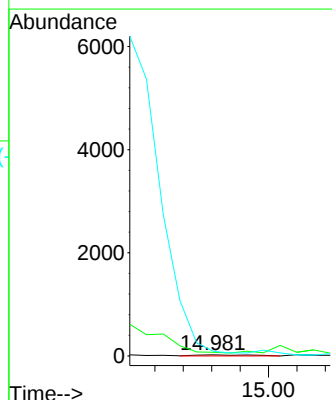
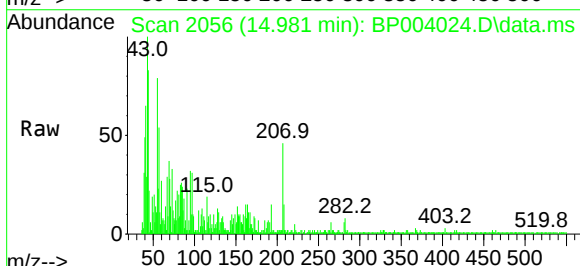
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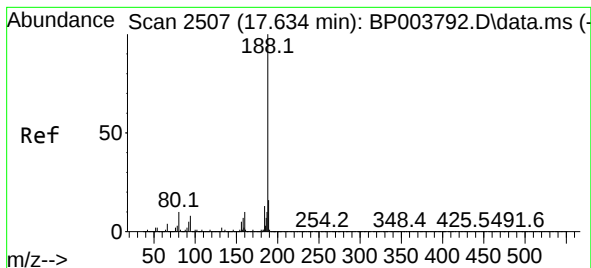
Tgt Ion:163	Resp:	50215
Ion Ratio	Lower	Upper
163	100	
194	4.7	3.3 4.9
164	10.5	8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.981 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

Tgt Ion:184	Resp:	31
Ion Ratio	Lower	Upper
184	100	
63	322.7	32.3 48.5#
154	413.6	49.1 73.7#

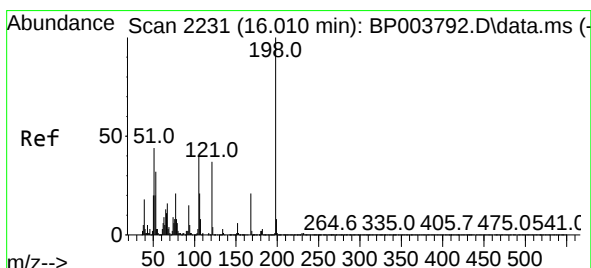
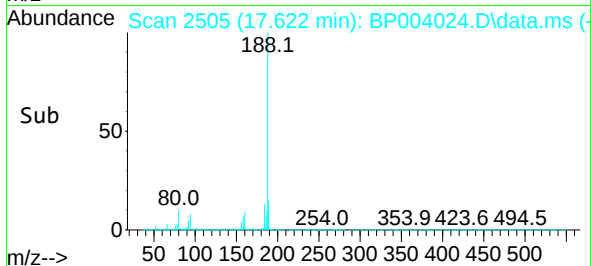
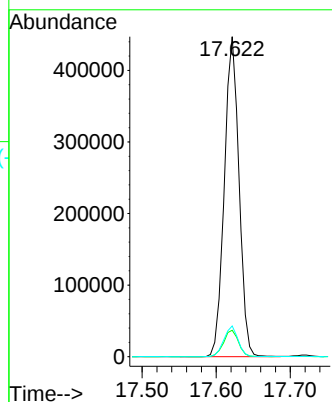
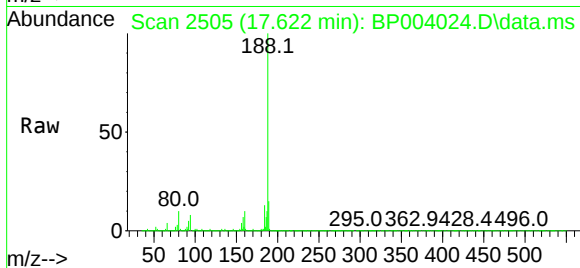




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

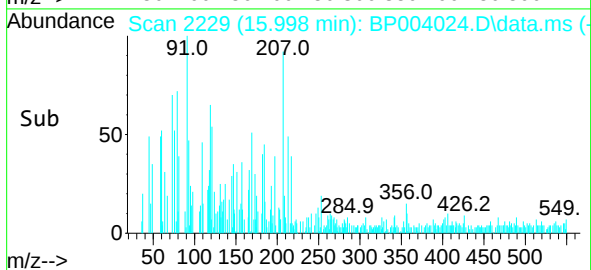
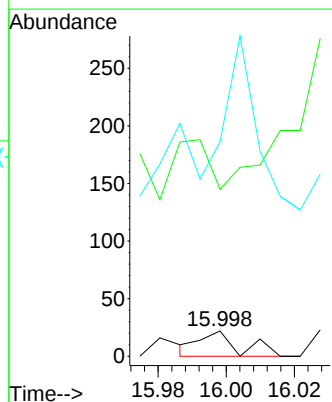
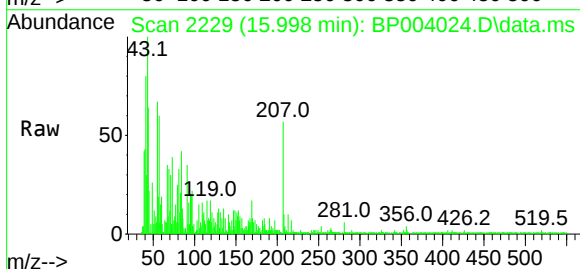
Instrument :
BNA_P
ClientSampleId :
11931

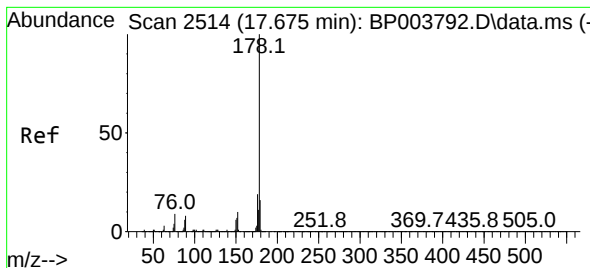
Tgt Ion:188 Resp: 615288
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 9.6 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 15.998 min Scan# 2229
Delta R.T. -0.012 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 659.1 6.4 46.4#
105 845.5 18.9 58.9#

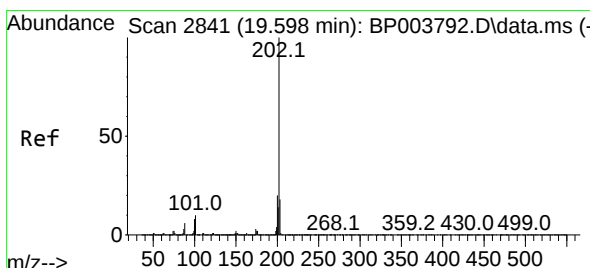
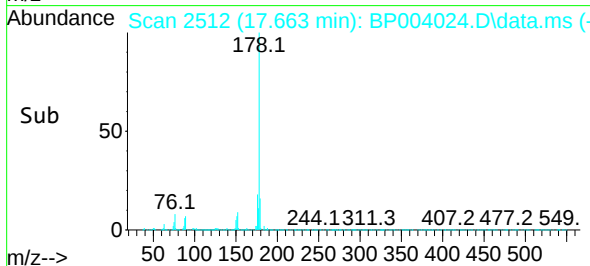
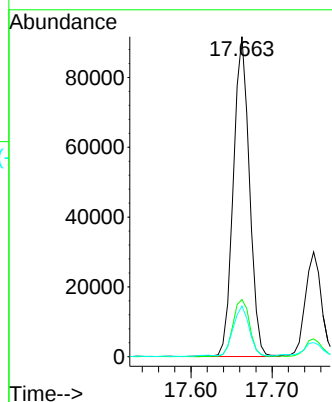
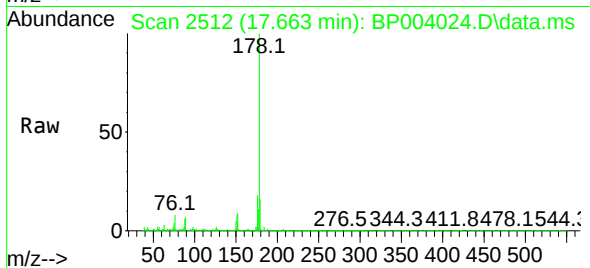




#71
Phenanthrene
Concen: 3.65 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.006 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

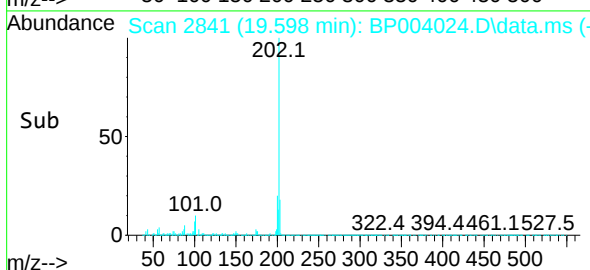
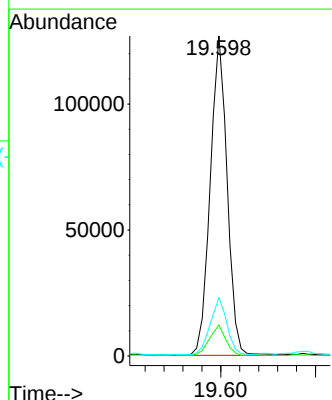
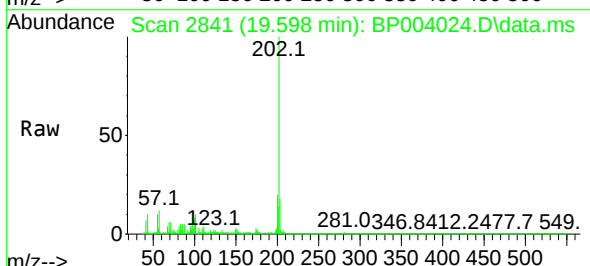
Instrument :
BNA_P
ClientSampled :
11931

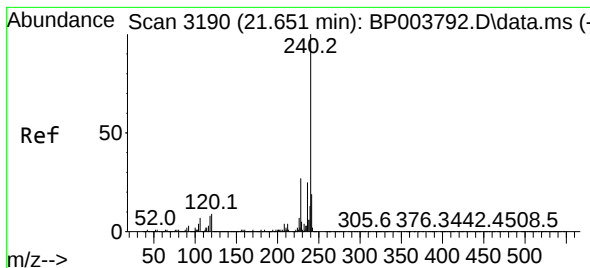
Tgt Ion:178 Resp: 125953
Ion Ratio Lower Upper
178 100
176 17.9 15.3 22.9
179 15.8 12.5 18.7



#75
Fluoranthene
Concen: 3.95 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

Tgt Ion:202 Resp: 157341
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.4
203 18.2 0.0 37.8





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.657 min Scan# 3191

Delta R.T. 0.000 min

Lab File: BP004024.D

Acq: 20 Nov 2020 14:41

Tgt Ion:240 Resp: 555594

Ion Ratio Lower Upper

240 100

120 8.8 7.8 11.6

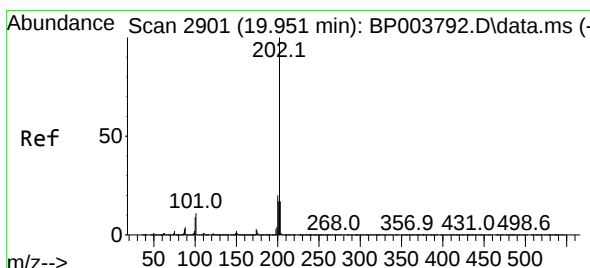
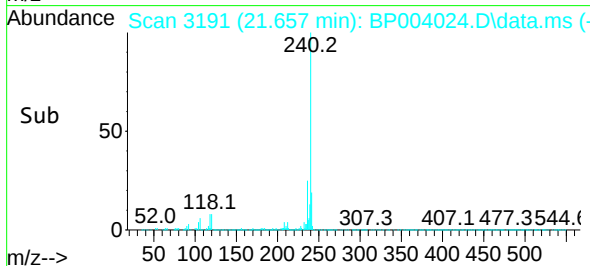
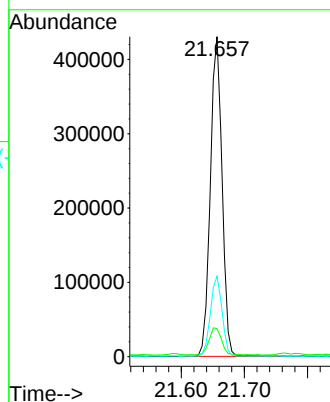
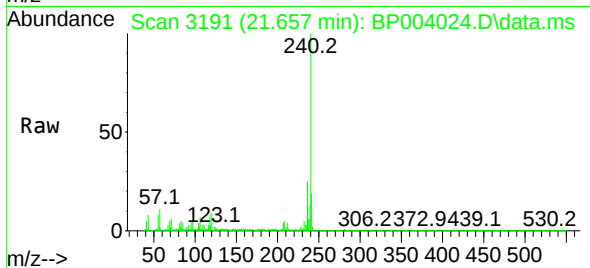
236 25.1 20.8 31.2

Instrument :

BNA_P

ClientSampleId :

11931



#78

Pyrene

Concen: 3.68 ng

RT: 19.945 min Scan# 2900

Delta R.T. -0.006 min

Lab File: BP004024.D

Acq: 20 Nov 2020 14:41

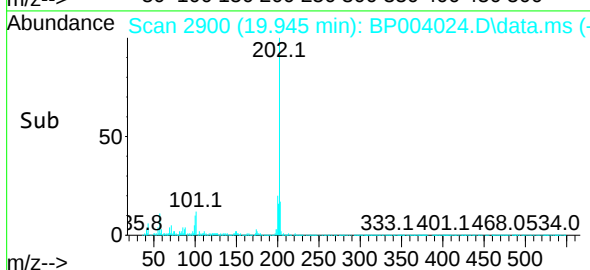
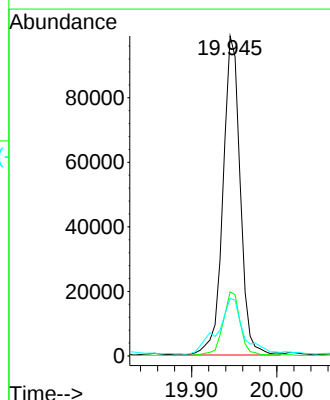
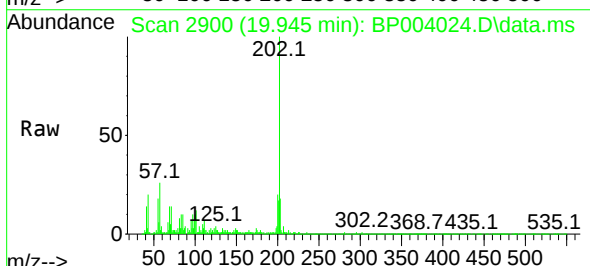
Tgt Ion:202 Resp: 138838

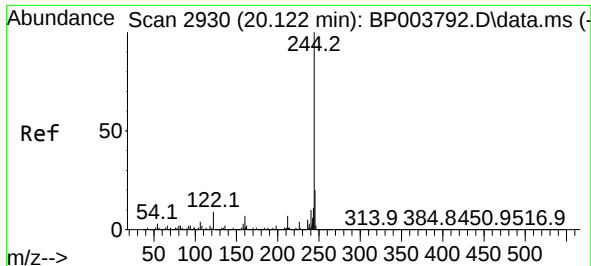
Ion Ratio Lower Upper

202 100

200 20.1 17.1 25.7

203 18.0 14.2 21.2

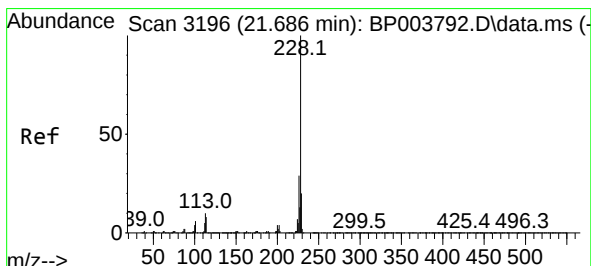
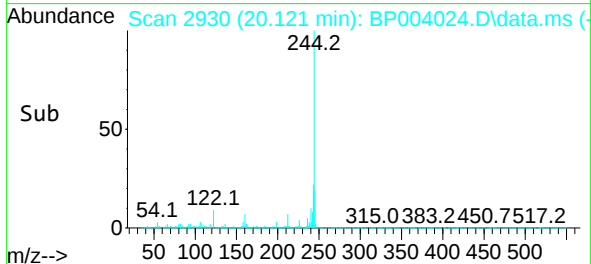
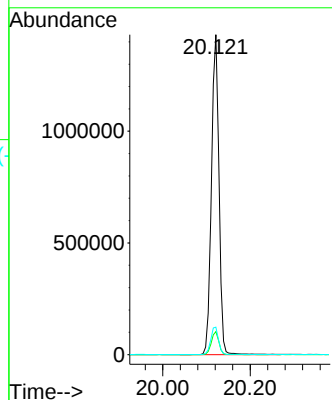
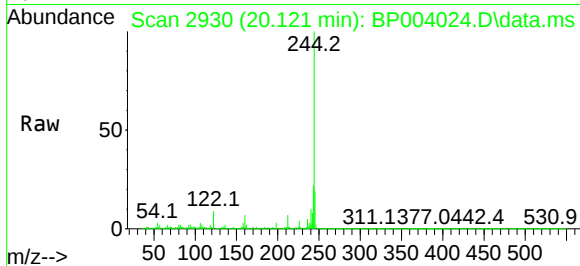




#79
 Terphenyl-d14
 Concen: 59.81 ng
 RT: 20.121 min Scan# 2930
 Delta R.T. 0.000 min
 Lab File: BP004024.D
 Acq: 20 Nov 2020 14:41

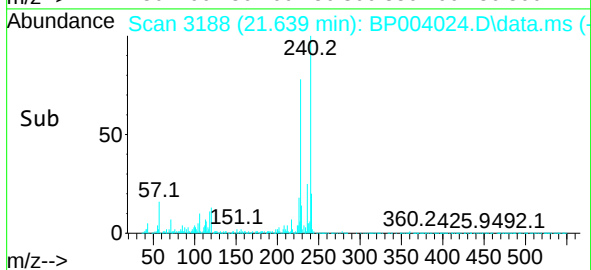
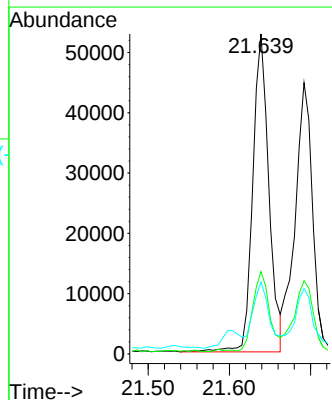
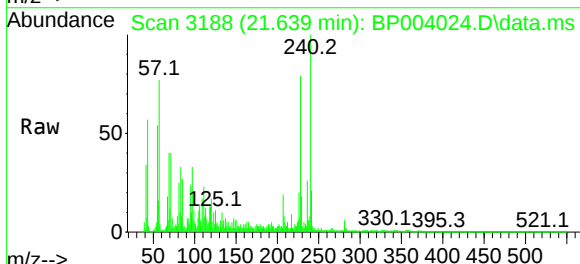
Instrument :
 BNA_P
 ClientSampleId :
 11931

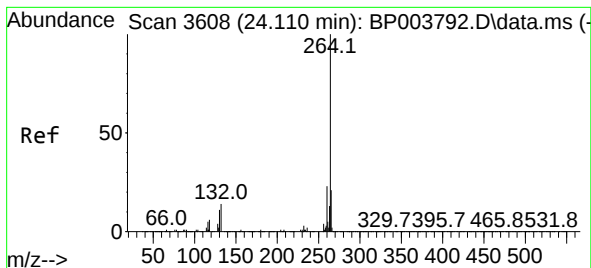
Tgt Ion:244 Resp: 1720008
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 8.6 7.8 11.8



#83
 Chrysene
 Concen: 2.07 ng
 RT: 21.639 min Scan# 3188
 Delta R.T. -0.059 min
 Lab File: BP004024.D
 Acq: 20 Nov 2020 14:41

Tgt Ion:228 Resp: 72970
 Ion Ratio Lower Upper
 228 100
 226 25.8 24.4 36.6
 229 22.5 15.8 23.6

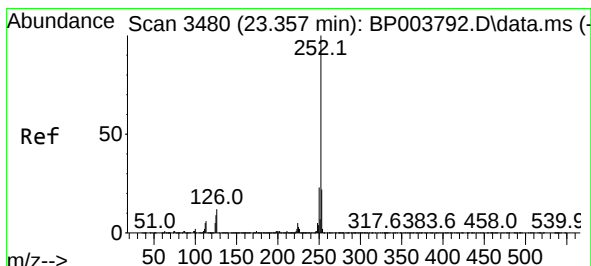
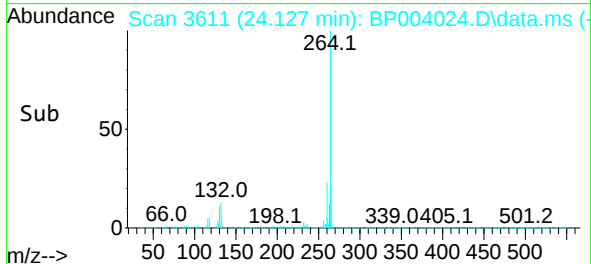
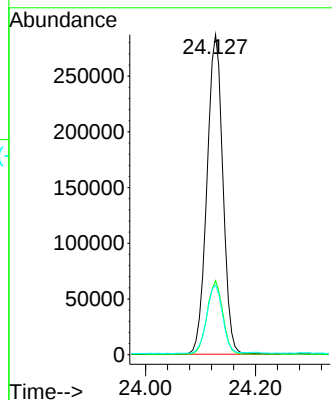
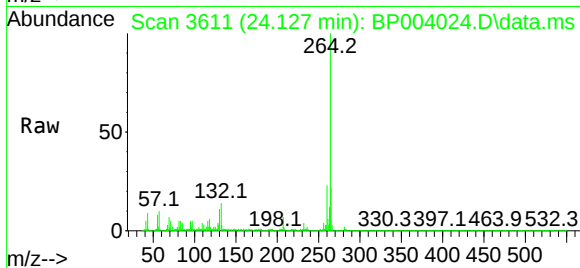




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.127 min Scan# 3611
Delta R.T. 0.000 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

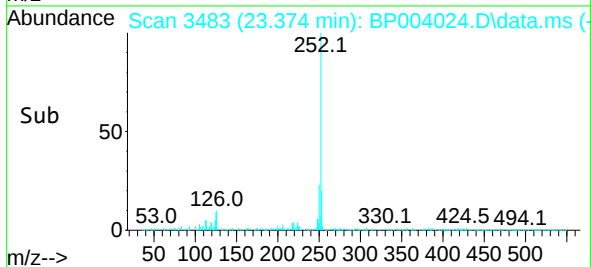
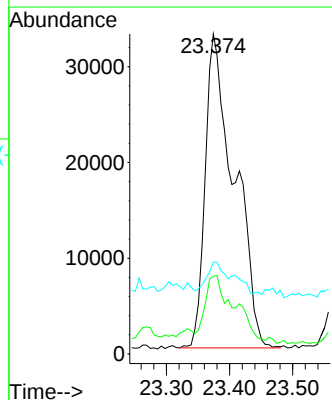
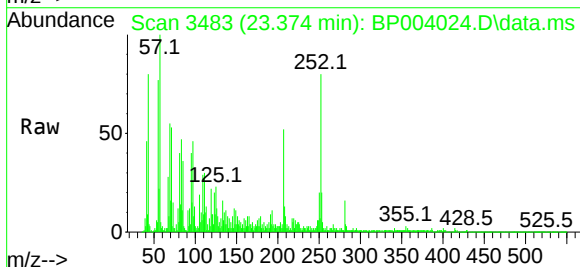
Instrument :
BNA_P
ClientSampleId :
11931

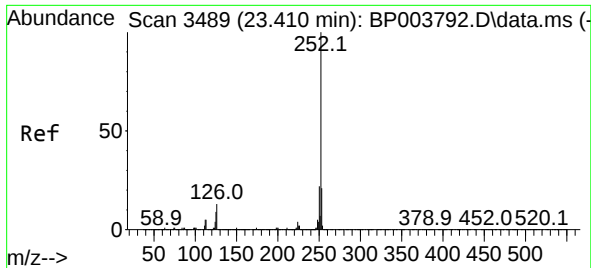
Tgt Ion:264 Resp: 575509
Ion Ratio Lower Upper
264 100
260 23.2 18.8 28.2
265 21.8 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 2.79 ng
RT: 23.374 min Scan# 3483
Delta R.T. 0.000 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

Tgt Ion:252 Resp: 104965
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 28.8 7.3 10.9#





#89
Benzo(k)fluoranthene
Concen: 2.82 ng
RT: 23.374 min Scan# 3483
Delta R.T. -0.047 min
Lab File: BP004024.D
Acq: 20 Nov 2020 14:41

Instrument :
BNA_P
ClientSampleId :
11931

Tgt Ion:252 Resp: 104965
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.8
125 28.8 7.4 11.2#

