

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
 Data File : BP003910.D
 Acq On : 10 Nov 2020 19:35
 Operator : CG/JU
 Sample : L4681-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1-D

Quant Time: Nov 11 00:12:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 13:41:24 2020
 Response via : Initial Calibration

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

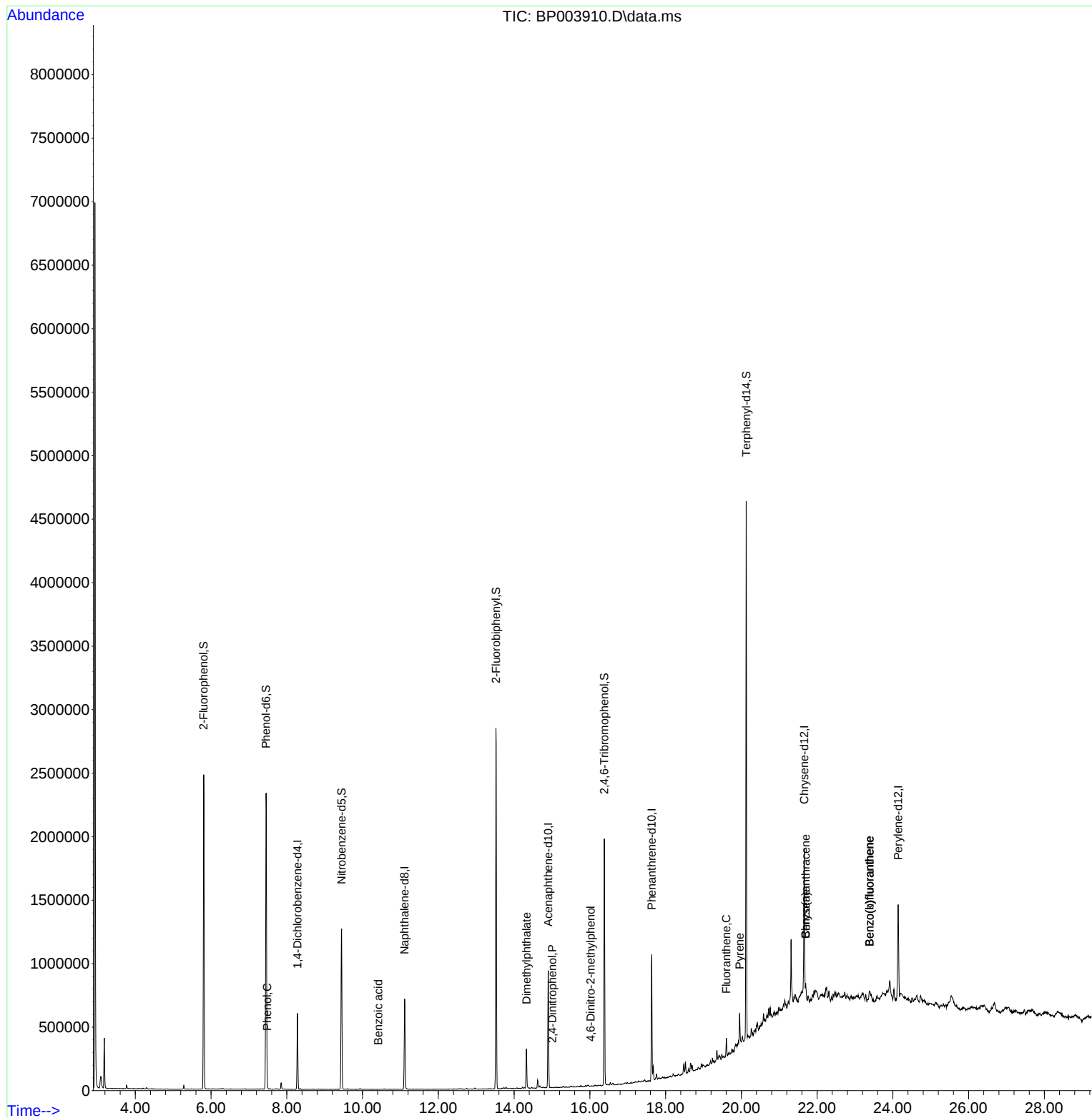
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	157820	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	561760	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	312303	20.00	ng	0.00
64) Phenanthrene-d10	17.633	188	587917	20.00	ng	0.00
76) Chrysene-d12	21.663	240	549311	20.00	ng	0.00
86) Perylene-d12	24.139	264	600518	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	967830	102.35	ng	0.00
7) Phenol-d6	7.452	99	1244350	91.67	ng	0.00
23) Nitrobenzene-d5	9.446	82	705675	61.52	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	357504	91.52	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	1444524	64.66	ng	0.00
79) Terphenyl-d14	20.127	244	1677791	59.01	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.387	77	300	Below Cal	#	49
10) Phenol	7.481	94	29206	2.23	ng	77
32) Benzoic acid	10.416	122	89	8.32	ng	# 46
50) Dimethylphthalate	14.328	163	195770	8.02	ng	99
54) 2,4-Dinitrophenol	15.004	184	72	2.77	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.022	198	76	6.36	ng	# 1
75) Fluoranthene	19.604	202	81145	2.13	ng	98
78) Pyrene	19.957	202	141143	3.79	ng	98
81) Benzo(a)anthracene	21.698	228	77356	2.14	ng	93
83) Chrysene	21.698	228	77356	2.22	ng	96
88) Benzo(b)fluoranthene	23.386	252	117783	3.00	ng	# 89
89) Benzo(k)fluoranthene	23.386	252	117783	3.04	ng	# 90

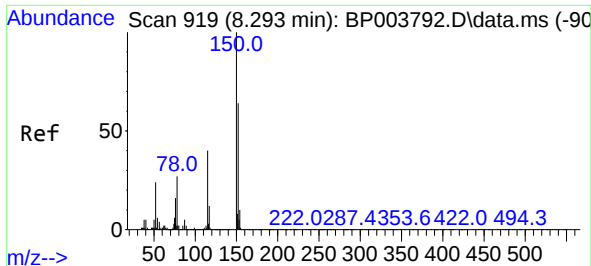
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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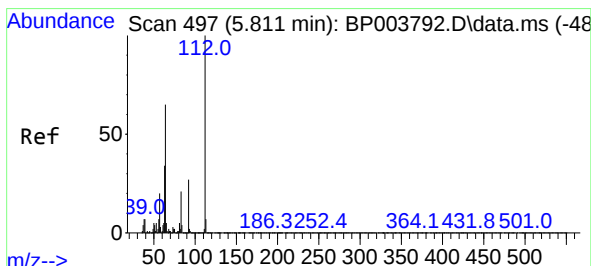
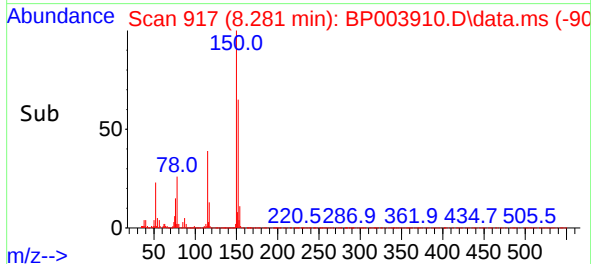
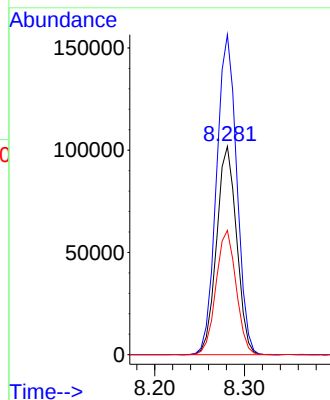
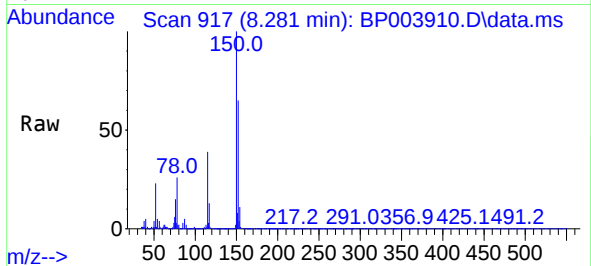




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

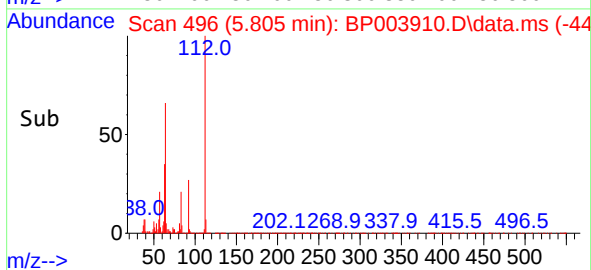
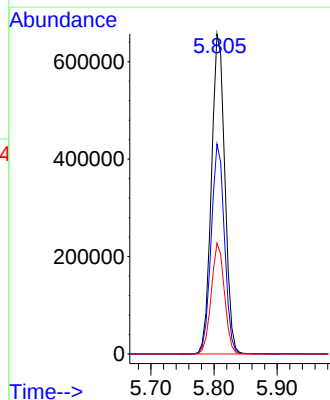
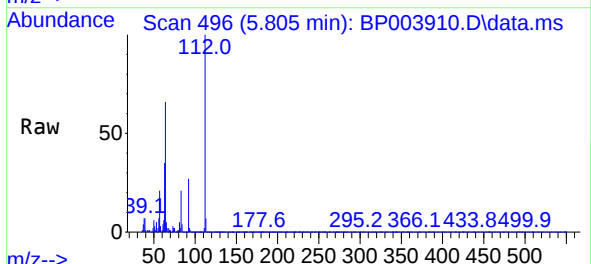
Instrument :
BNA_P
ClientSampleId :
TP-1-D

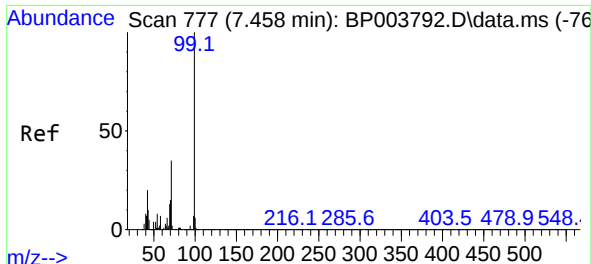
Tgt Ion:152 Resp: 157820
Ion Ratio Lower Upper
152 100
150 153.6 123.8 185.6
115 59.7 43.8 65.6



#5
2-Fluorophenol
Concen: 102.35 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

Tgt Ion:112 Resp: 967830
Ion Ratio Lower Upper
112 100
64 65.6 32.8 49.2#
63 34.6 17.0 25.4#

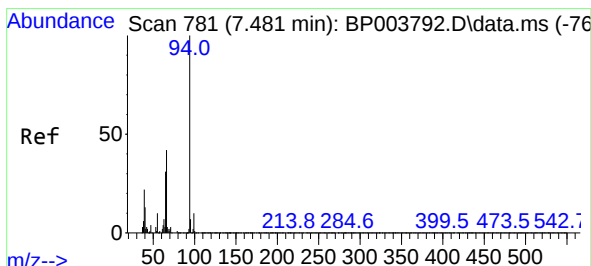
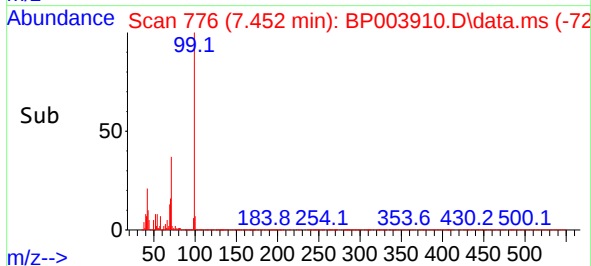
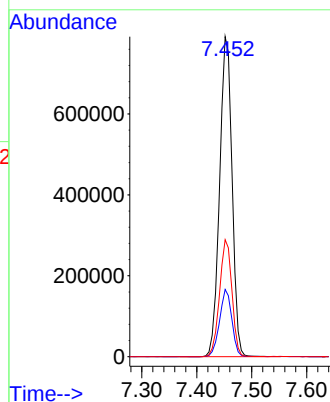
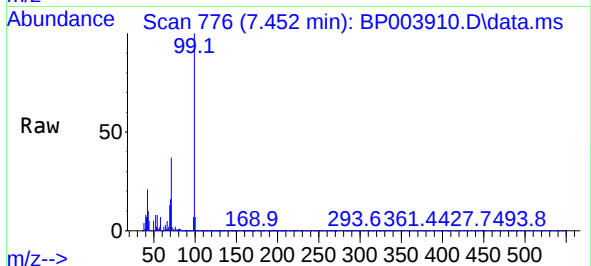




#7
Phenol-d6
Concen: 91.67 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

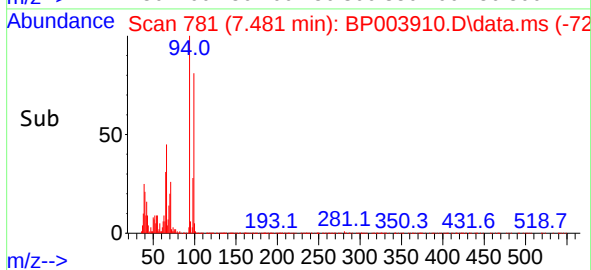
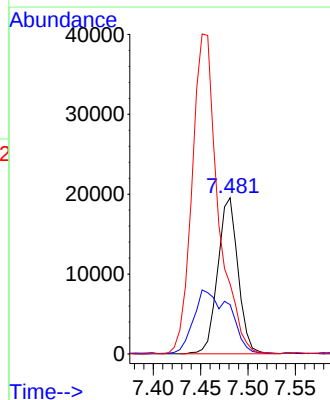
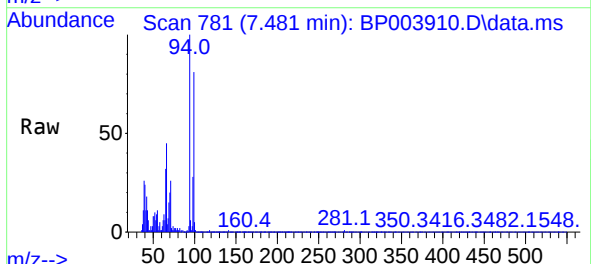
Instrument :
BNA_P
ClientSampleId :
TP-1-D

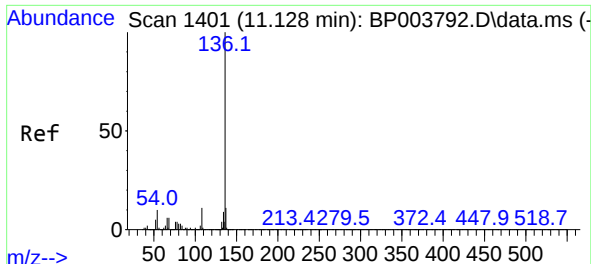
Tgt Ion: 99 Resp: 1244350
Ion Ratio Lower Upper
99 100
42 21.0 8.6 13.0#
71 36.5 23.4 35.2#



#10
Phenol
Concen: 2.23 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.006 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

Tgt Ion: 94 Resp: 29206
Ion Ratio Lower Upper
94 100
65 31.6 2.3 42.3
66 44.7 10.9 50.9

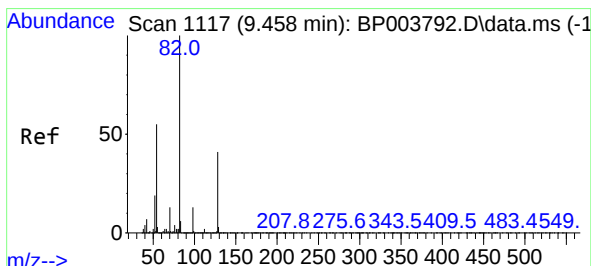
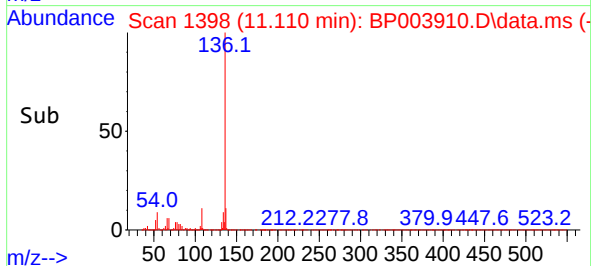
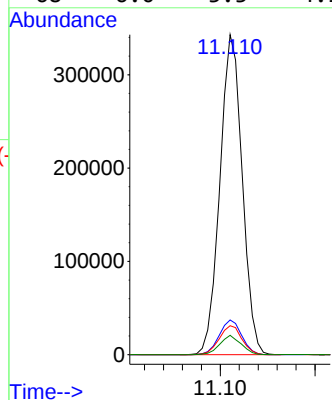
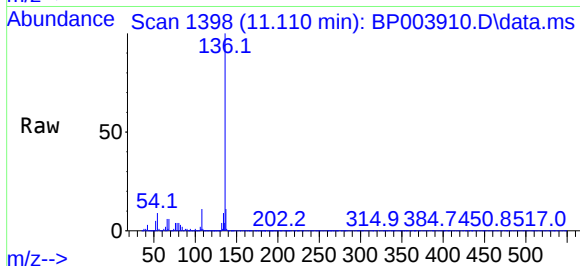




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

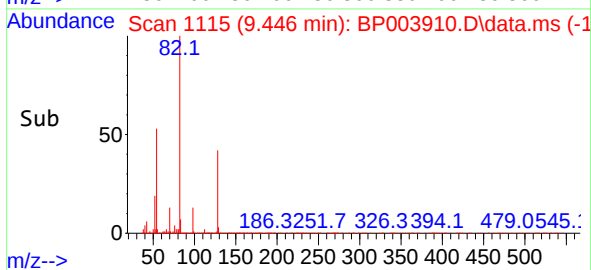
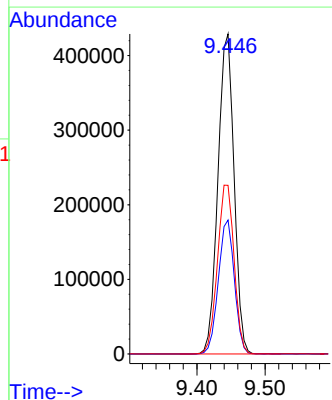
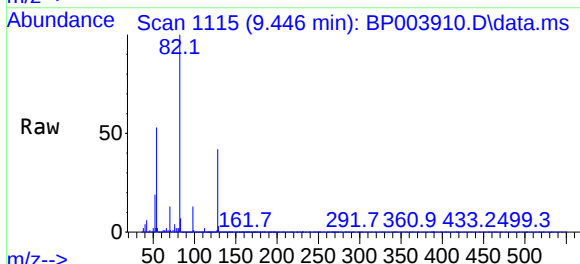
Instrument :
BNA_P
ClientSampled :
TP-1-D

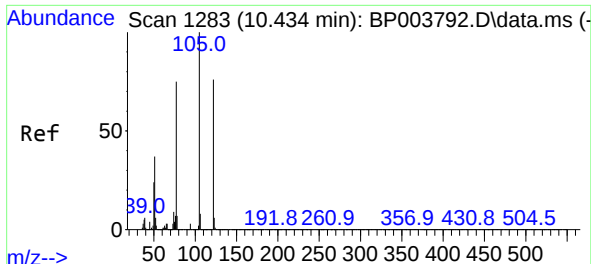
Tgt Ion:	136	Resp:	561760
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	9.1	3.6	5.4#
68	6.0	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 61.52 ng
RT: 9.446 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

Tgt Ion:	82	Resp:	705675
Ion Ratio	Lower	Upper	
82	100		
128	41.9	45.6	68.4#
54	52.7	30.1	45.1#

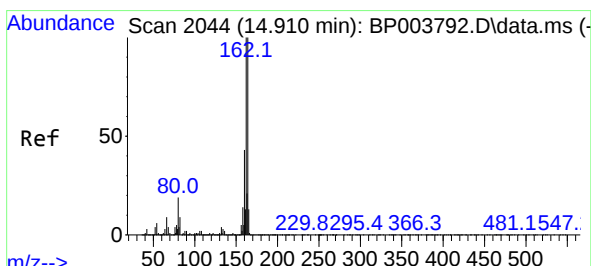
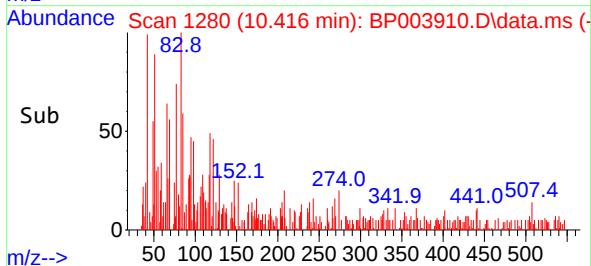
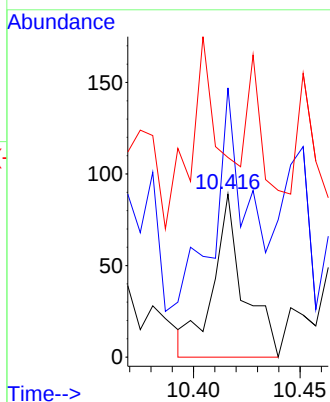
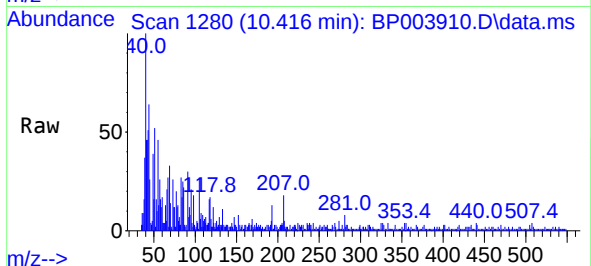




#32
Benzoic acid
Concen: 8.32 ng
RT: 10.416 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

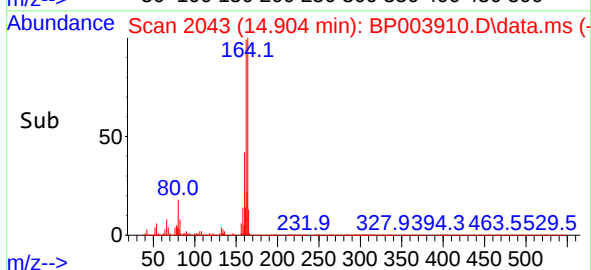
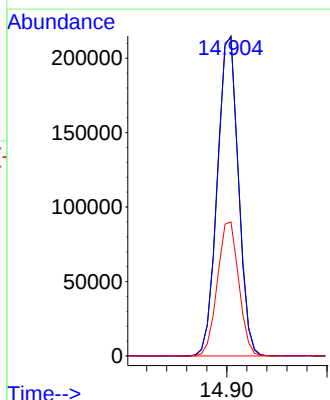
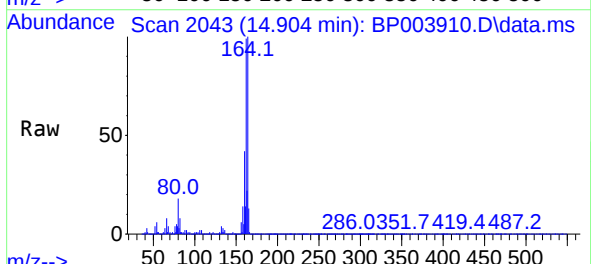
Instrument :
BNA_P
ClientSampleId :
TP-1-D

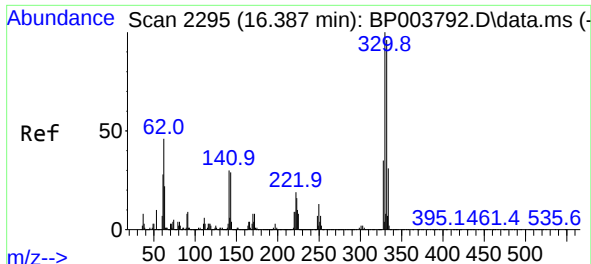
Tgt Ion:	122	Resp:	89
Ion	Ratio	Lower	Upper
122	100		
105	165.2	94.1	134.1#
77	122.5	50.1	90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

Tgt Ion:	164	Resp:	312303
Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.4	119.2
160	41.9	36.1	54.1

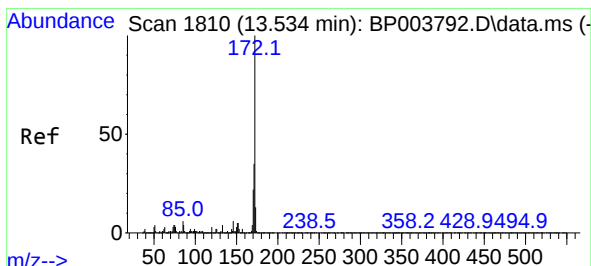
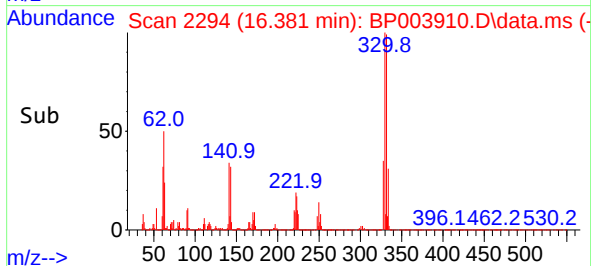
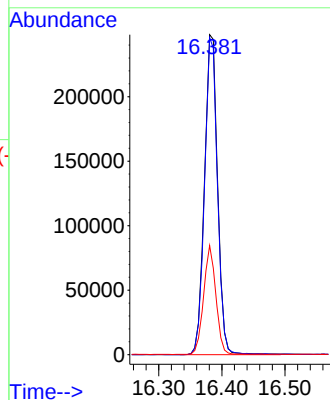
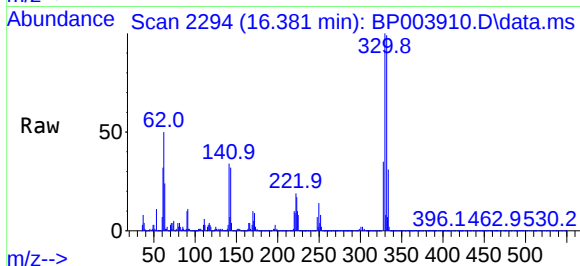




#42
2,4,6-Tribromophenol
Concen: 91.52 ng
RT: 16.381 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

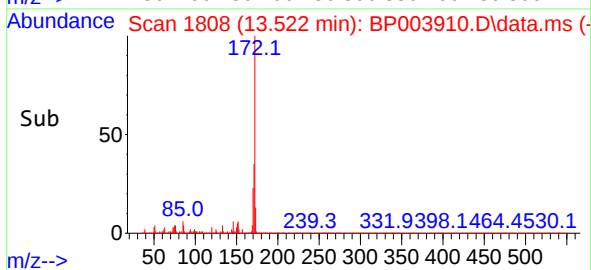
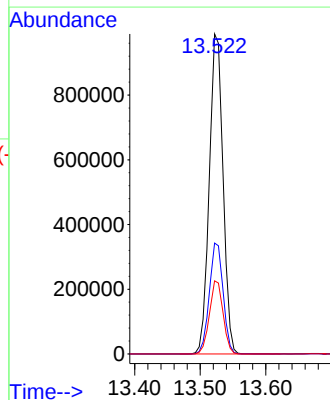
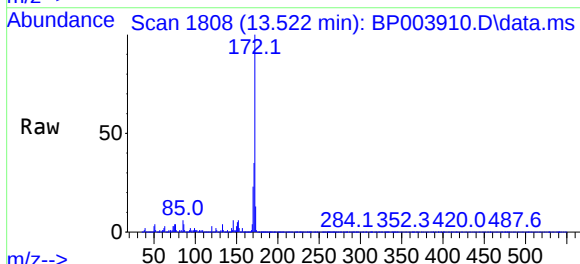
Instrument :
BNA_P
ClientSampleId :
TP-1-D

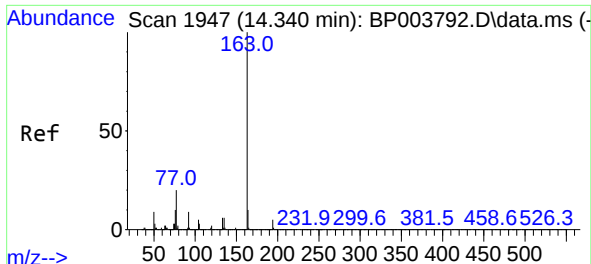
Tgt Ion:330 Resp: 357504
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 31.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 64.66 ng
RT: 13.522 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

Tgt Ion:172 Resp: 1444524
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 22.8 19.2 28.8

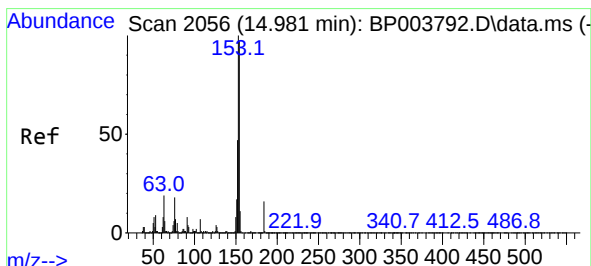
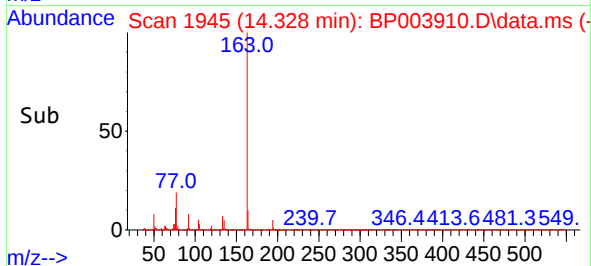
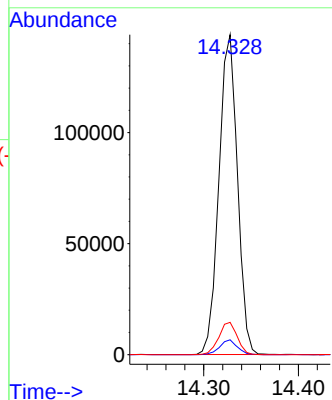
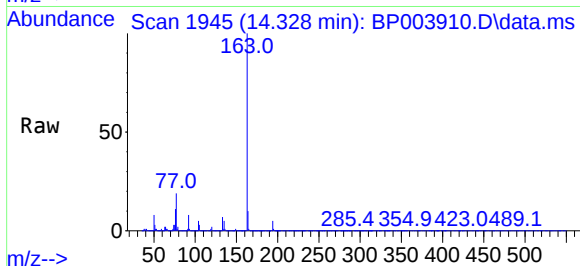




#50
Dimethylphthalate
Concen: 8.02 ng
RT: 14.328 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

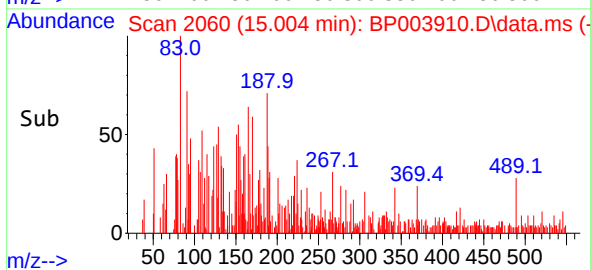
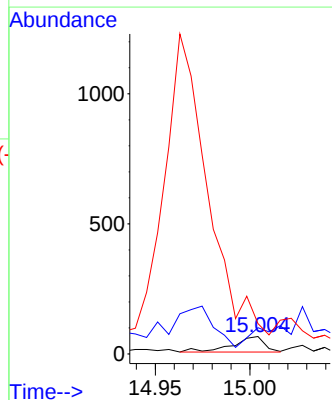
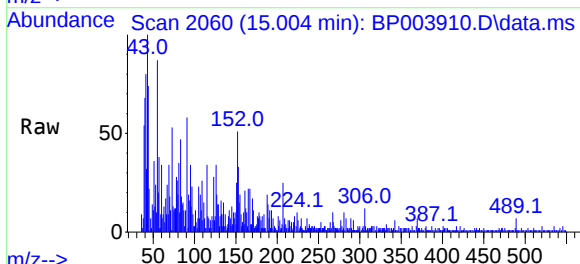
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BNA_P
ClientSampleId :
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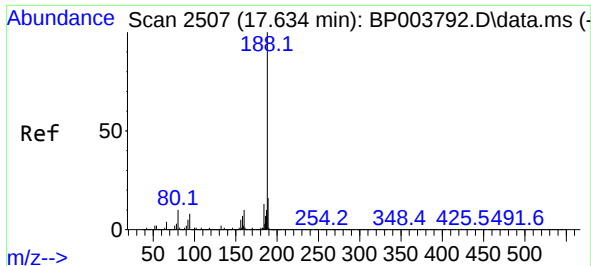
Tgt Ion:163 Resp: 195770
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 10.1 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.77 ng
RT: 15.004 min Scan# 2060
Delta R.T. 0.018 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

Tgt Ion:184 Resp: 72
Ion Ratio Lower Upper
184 100
63 123.2 32.3 48.5#
154 142.7 49.1 73.7#

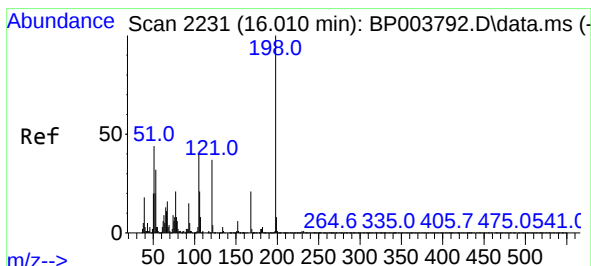
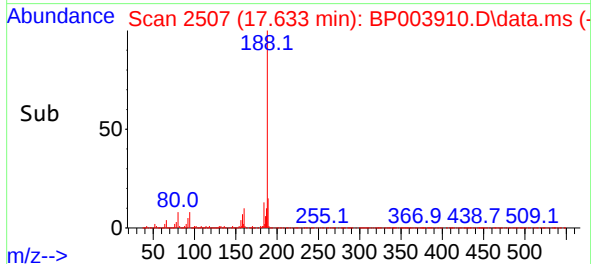
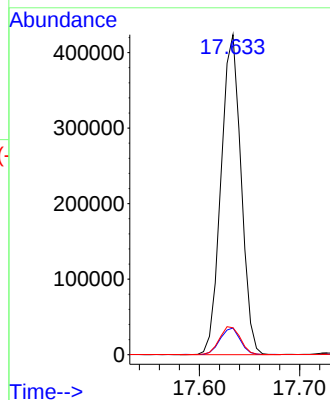
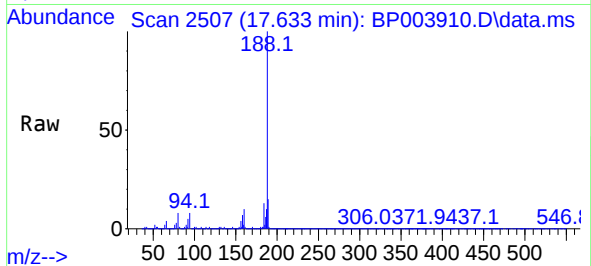




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.633 min Scan# 2507
Delta R.T. 0.006 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

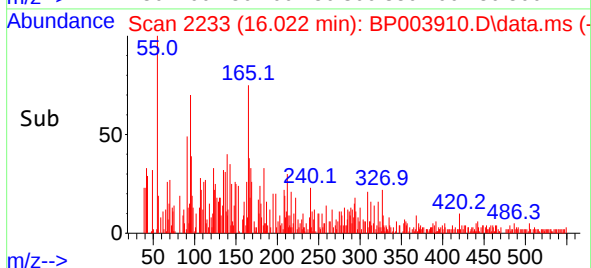
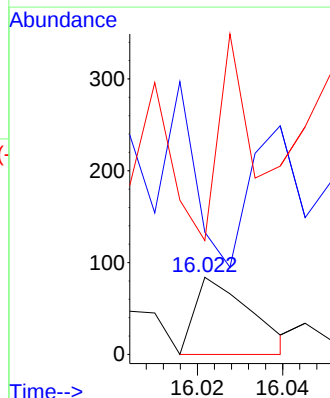
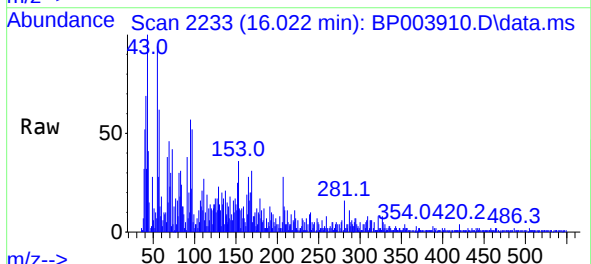
Instrument :
BNA_P
ClientSampleId :
TP-1-D

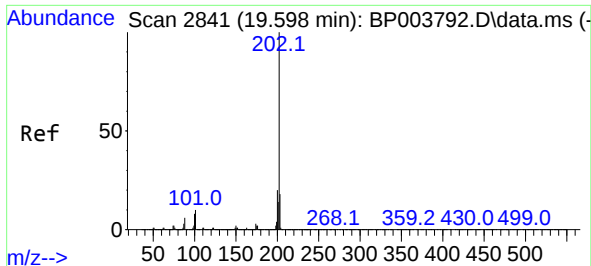
Tgt Ion:188	Resp: 587917
Ion Ratio	Lower Upper
188 100	
94 8.4	6.2 9.2
80 8.4	6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.36 ng
RT: 16.022 min Scan# 2233
Delta R.T. 0.012 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

Tgt Ion:198	Resp: 76
Ion Ratio	Lower Upper
198 100	
51 158.3	6.4 46.4#
105 147.6	18.9 58.9#

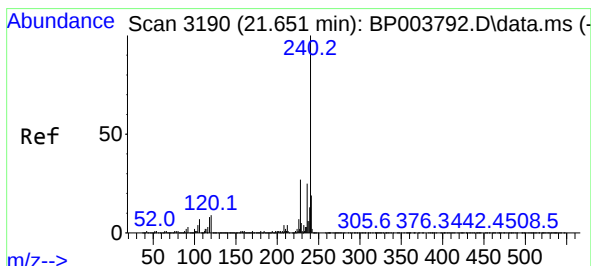
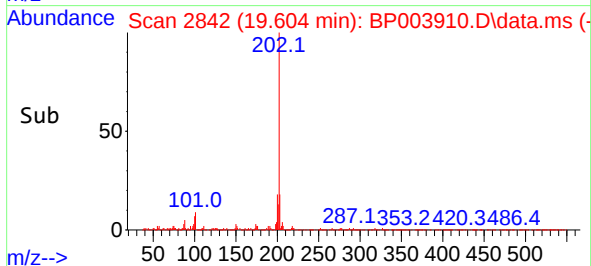
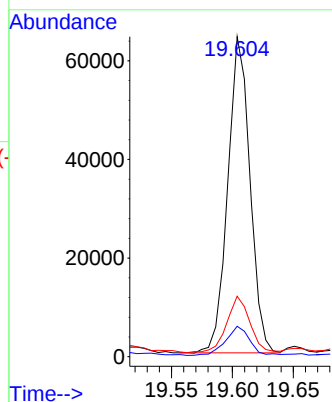
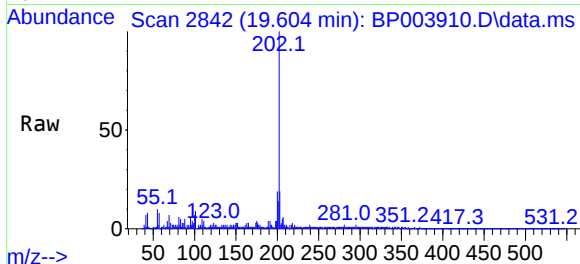




#75
Fluoranthene
Concen: 2.13 ng
RT: 19.604 min Scan# 2842
Delta R.T. -0.000 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

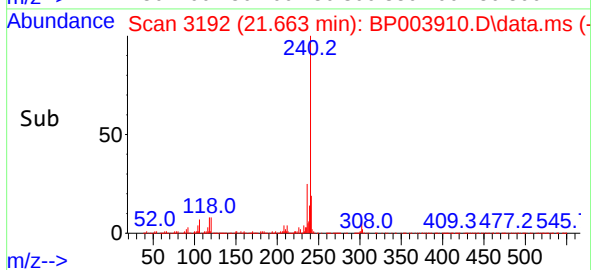
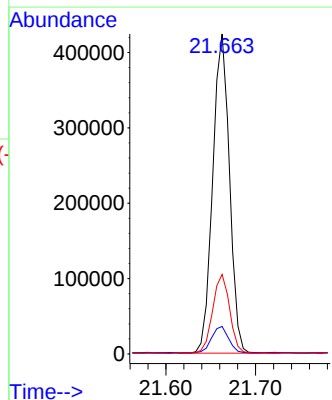
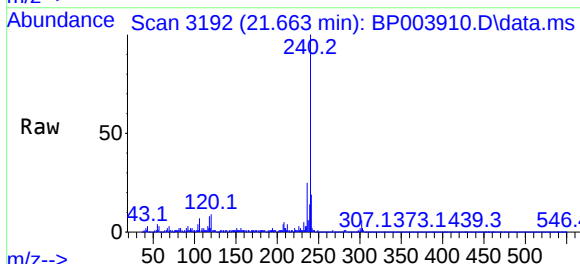
Instrument :
BNA_P
ClientSampleId :
TP-1-D

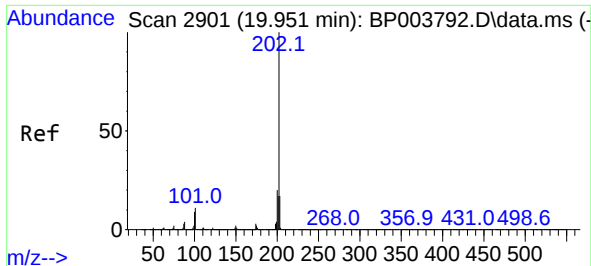
Tgt Ion:202	Resp:	81145
Ion Ratio	Lower	Upper
202	100	
101	9.5	0.0 29.4
203	18.9	0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.663 min Scan# 3192
Delta R.T. 0.006 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

Tgt Ion:240	Resp:	549311
Ion Ratio	Lower	Upper
240	100	
120	8.6	7.8 11.6
236	24.9	20.8 31.2

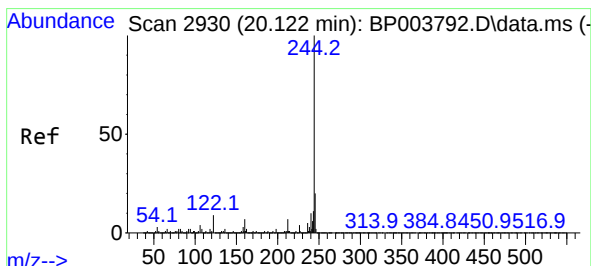
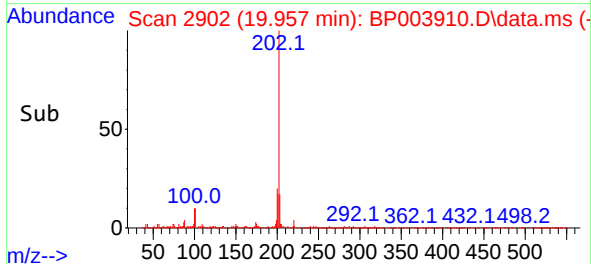
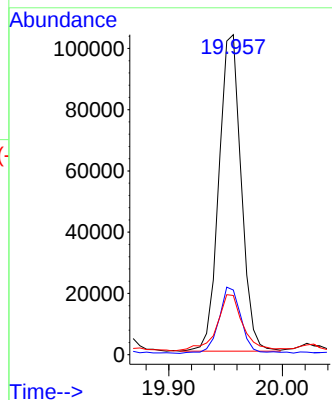
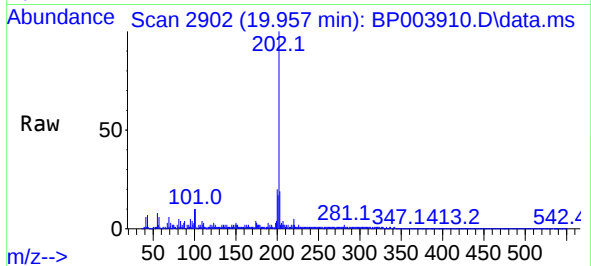




#78
Pyrene
Concen: 3.79 ng
RT: 19.957 min Scan# 2902
Delta R.T. 0.006 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

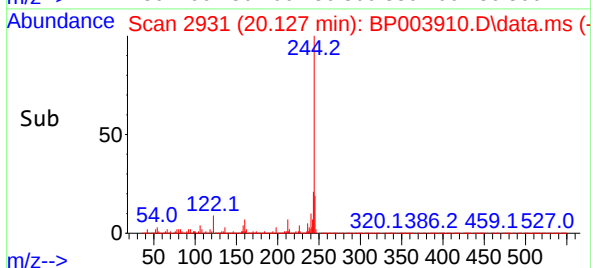
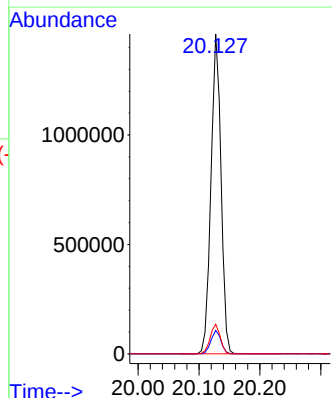
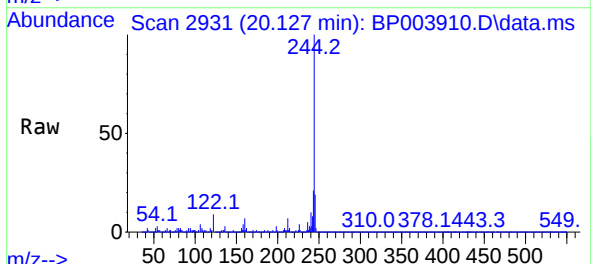
Instrument :
BNA_P
ClientSampleId :
TP-1-D

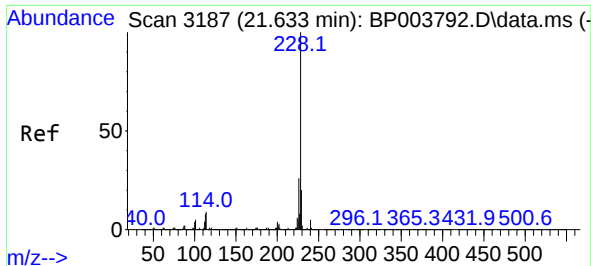
Tgt Ion:202 Resp: 141143
Ion Ratio Lower Upper
202 100
200 20.2 17.1 25.7
203 18.5 14.2 21.2



#79
Terphenyl-d14
Concen: 59.01 ng
RT: 20.127 min Scan# 2931
Delta R.T. -0.000 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

Tgt Ion:244 Resp: 1677791
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.3 7.8 11.8

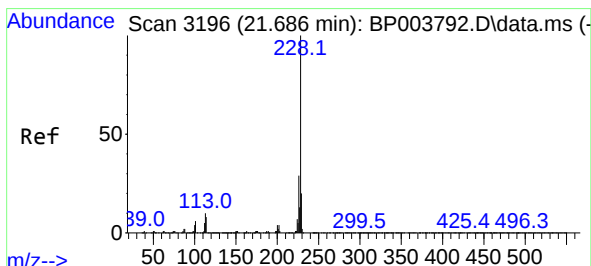
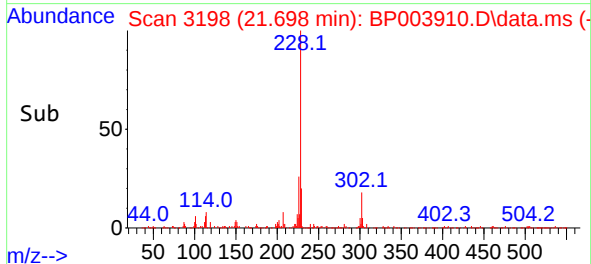
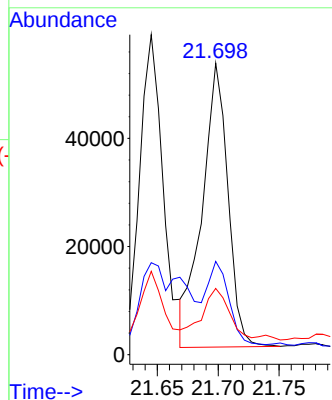
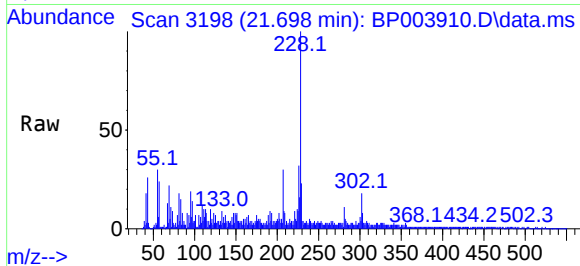




#81
Benzo(a)anthracene
Concen: 2.14 ng
RT: 21.698 min Scan# 3198
Delta R.T. 0.053 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

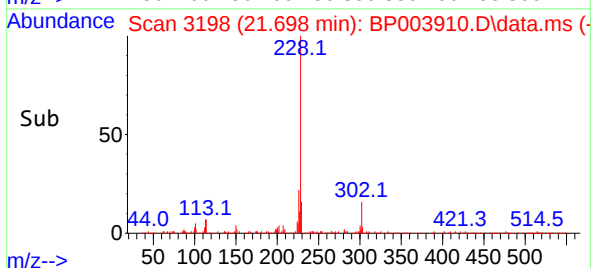
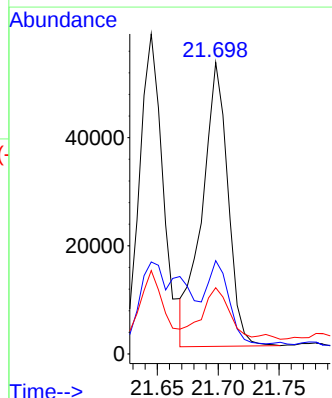
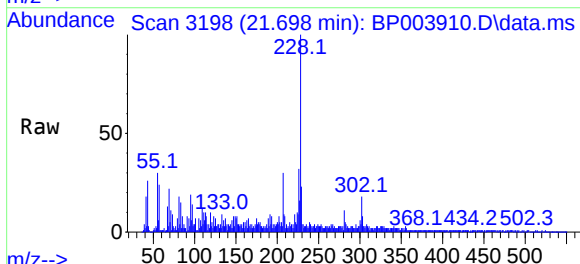
Instrument :
BNA_P
ClientSampled :
TP-1-D

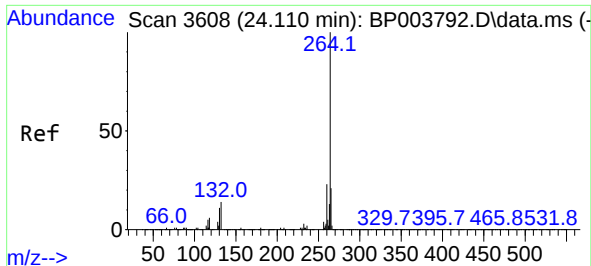
Tgt Ion:	228	Resp:	77356
Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.1	33.1
229	22.7	15.9	23.9



#83
Chrysene
Concen: 2.22 ng
RT: 21.698 min Scan# 3198
Delta R.T. -0.000 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

Tgt Ion:	228	Resp:	77356
Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.4	36.6
229	22.7	15.8	23.6



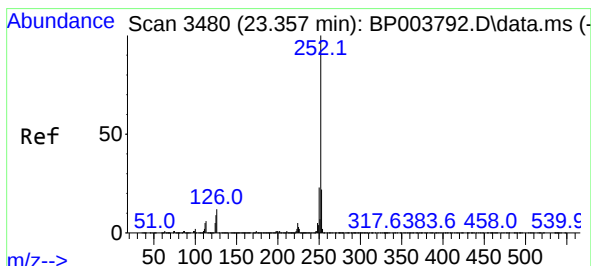
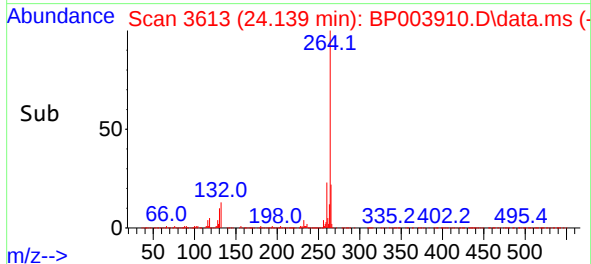
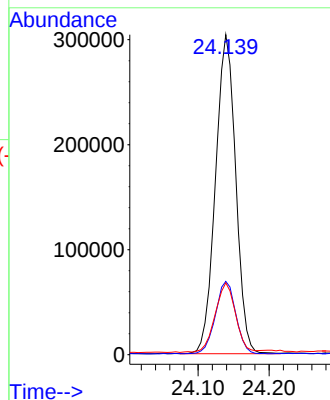
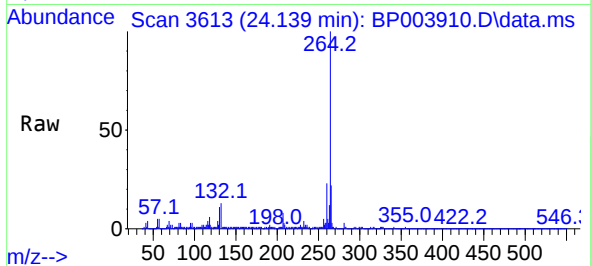


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.139 min Scan# 3613
Delta R.T. 0.012 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

Instrument :
BNA_P
ClientSampleId :
TP-1-D

Tgt Ion:264 Resp: 600518

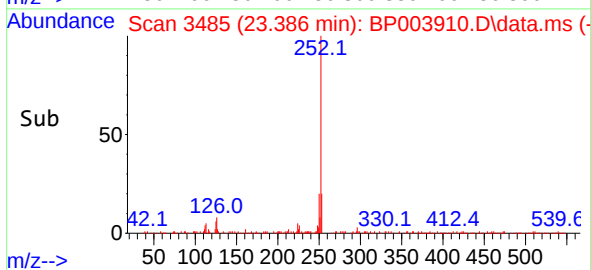
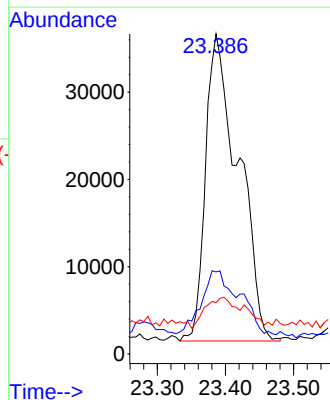
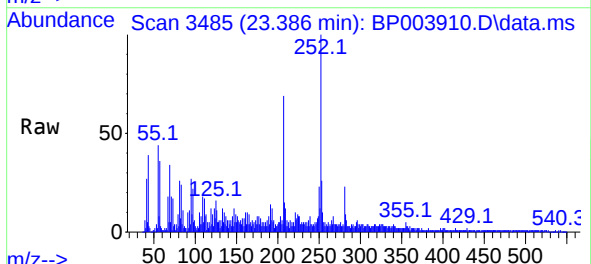
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.8	28.2
265	22.5	17.4	26.2

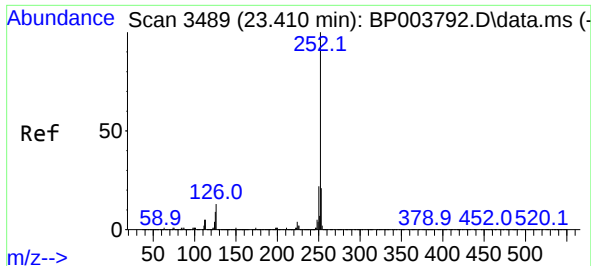


#88
Benzo(b)fluoranthene
Concen: 3.00 ng
RT: 23.386 min Scan# 3485
Delta R.T. 0.006 min
Lab File: BP003910.D
Acq: 10 Nov 2020 19:35

Tgt Ion:252 Resp: 117783

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.6	26.4
125	16.0	7.3	10.9





#89

Benzo(k)fluoranthene

Concen: 3.04 ng

RT: 23.386 min Scan# 3485

Delta R.T. -0.041 min

Lab File: BP003910.D

Acq: 10 Nov 2020 19:35

Instrument :

BNA_P

ClientSampleId :

TP-1-D

Tgt Ion:252 Resp: 117783

Ion Ratio Lower Upper

252 100

253 25.7 17.8 26.8

125 16.0 7.4 11.2#

