

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
 Data File : BP003941.D
 Acq On : 12 Nov 2020 16:33
 Operator : CG/JU
 Sample : L4719-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3-D

Quant Time: Nov 12 17:41:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

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

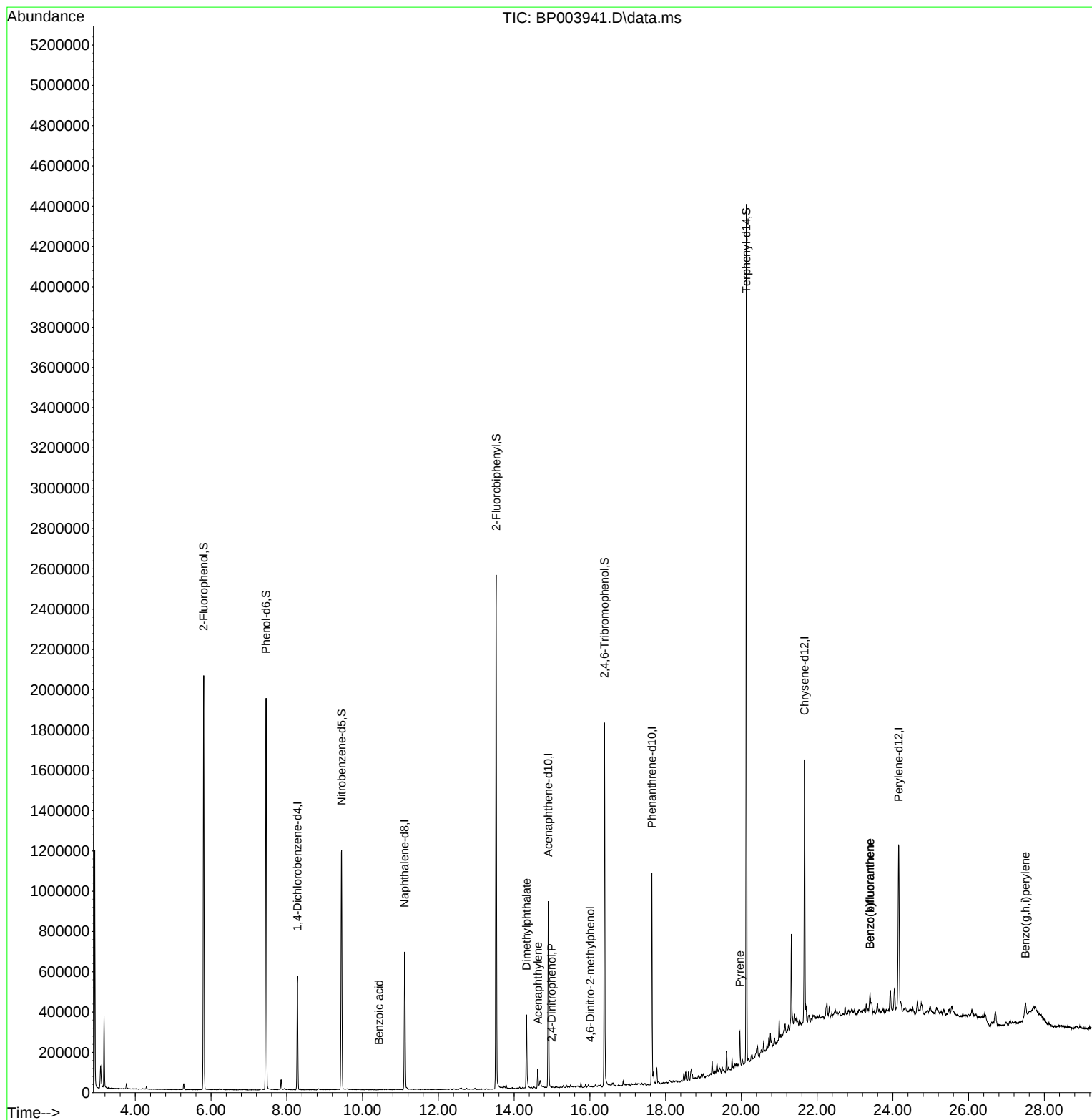
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	146375	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	535006	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	307768	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	633478	20.00	ng	# 0.00
76) Chrysene-d12	21.669	240	601729	20.00	ng	0.00
86) Perylene-d12	24.157	264	652545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	802039	91.45	ng	0.00
7) Phenol-d6	7.452	99	1035972	82.29	ng	0.00
23) Nitrobenzene-d5	9.446	82	671580	61.48	ng	0.00
42) 2,4,6-Tribromophenol	16.387	330	336819	87.50	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	1342998	61.01	ng	0.00
79) Terphenyl-d14	20.133	244	1689204	54.24	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.393	77	461	Below Cal	#	30
32) Benzoic acid	10.434	122	37	8.31 ng	#	1
49) Acenaphthylene	14.628	152	73372	2.55 ng		98
50) Dimethylphthalate	14.328	163	232751	9.68 ng		99
54) 2,4-Dinitrophenol	14.987	184	15	2.74 ng	#	1
65) 4,6-Dinitro-2-methylph...	16.010	198	14	6.35 ng	#	1
78) Pyrene	19.963	202	101547	2.49 ng		95
88) Benzo(b)fluoranthene	23.398	252	101699	2.38 ng	#	92
89) Benzo(k)fluoranthene	23.398	252	101699	2.41 ng	#	93
92) Benzo(g,h,i)perylene	27.504	276	92632	2.44 ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003941.D
Acq On : 12 Nov 2020 16:33
Operator : CG/JU
Sample : L4719-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3-D

Quant Time: Nov 12 17:41:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration

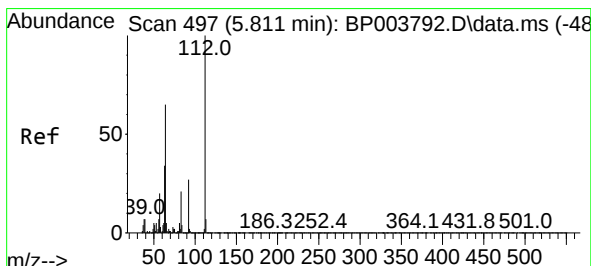
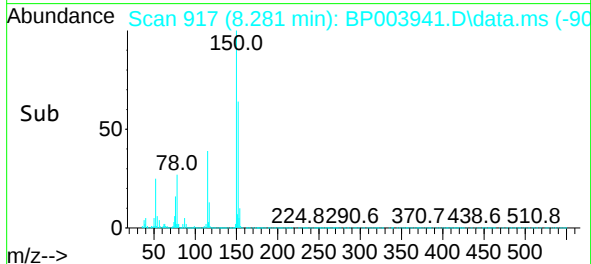
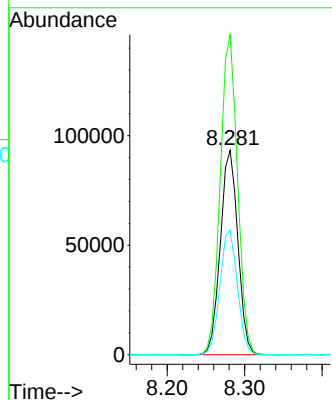
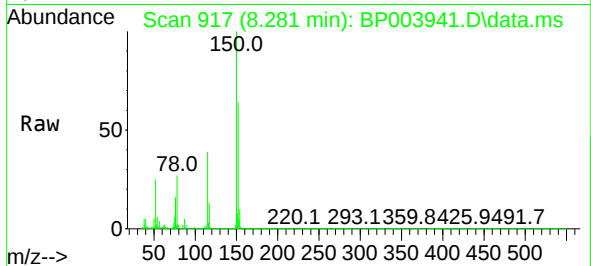




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP003941.D
Acq: 12 Nov 2020 16:33

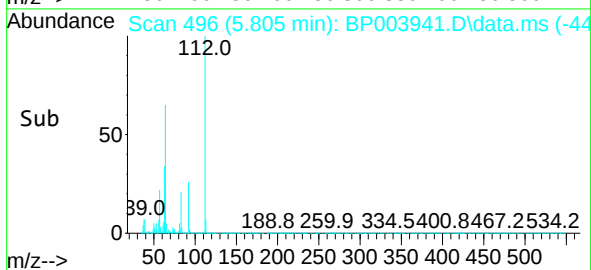
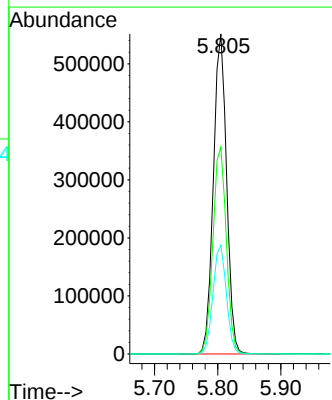
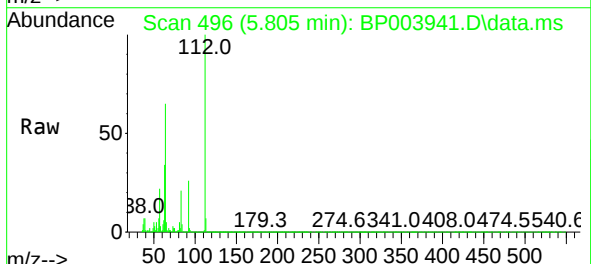
Instrument :
BNA_P
ClientSampleId :
TP-3-D

Tgt Ion:152 Resp: 146375
Ion Ratio Lower Upper
152 100
150 156.6 123.8 185.6
115 60.9 43.8 65.6



#5
2-Fluorophenol
Concen: 91.45 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP003941.D
Acq: 12 Nov 2020 16:33

Tgt Ion:112 Resp: 802039
Ion Ratio Lower Upper
112 100
64 64.7 32.8 49.2#
63 34.0 17.0 25.4#

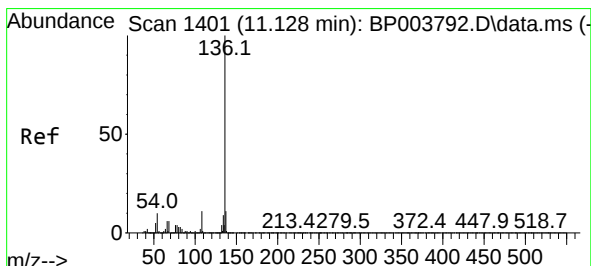
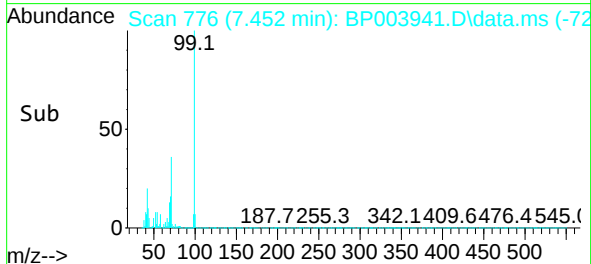
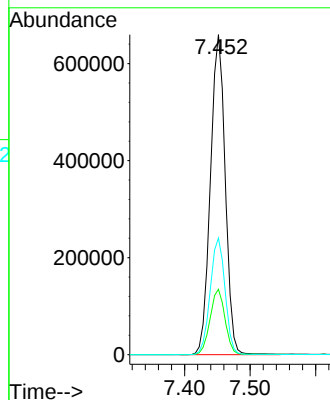
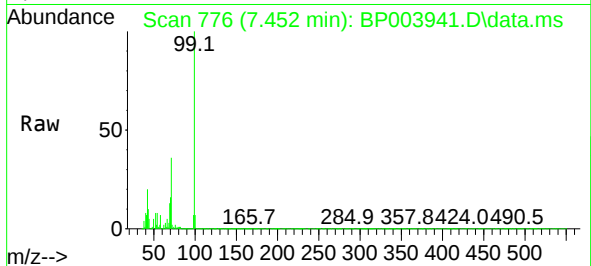




#7
Phenol-d6
Concen: 82.29 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP003941.D
Acq: 12 Nov 2020 16:33

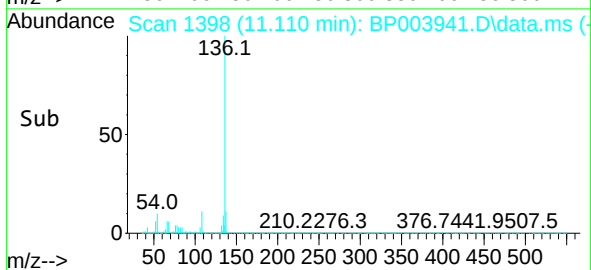
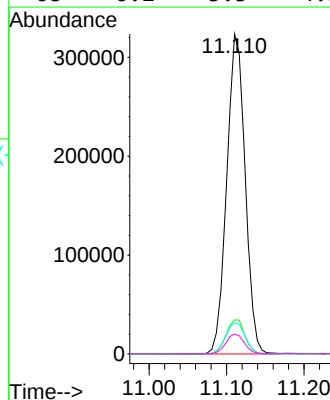
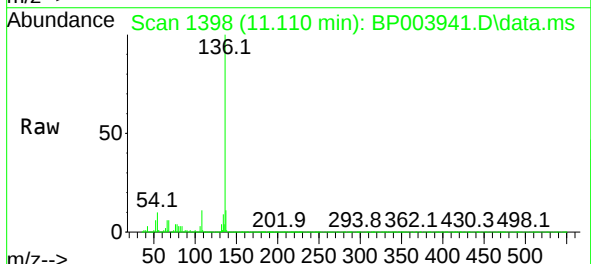
Instrument :
BNA_P
ClientSampleId :
TP-3-D

Tgt Ion: 99 Resp: 1035972
Ion Ratio Lower Upper
99 100
42 20.5 8.6 13.0#
71 36.5 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BP003941.D
Acq: 12 Nov 2020 16:33

Tgt Ion: 136 Resp: 535006
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.7 3.6 5.4#
68 6.2 3.3 4.9#

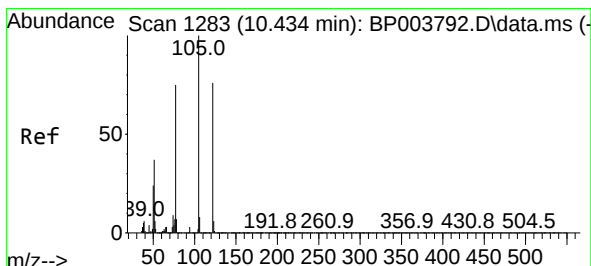
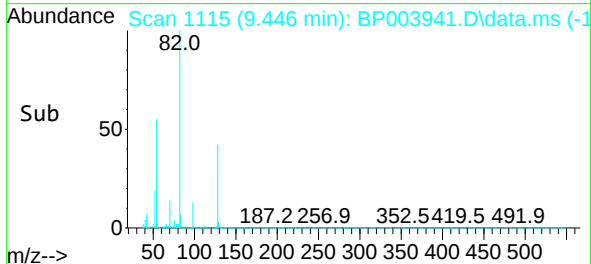
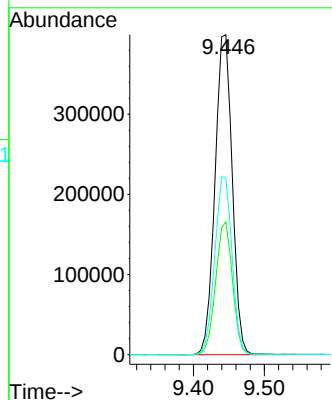
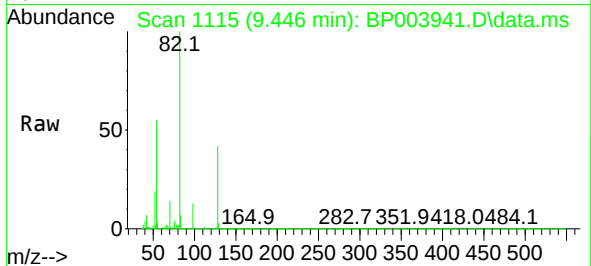




#23
Nitrobenzene-d5
Concen: 61.48 ng
RT: 9.446 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BP003941.D
Acq: 12 Nov 2020 16:33

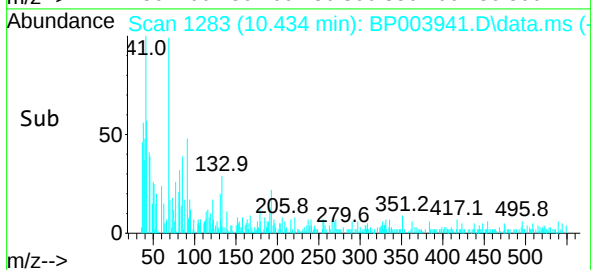
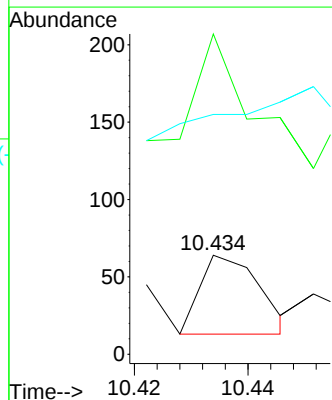
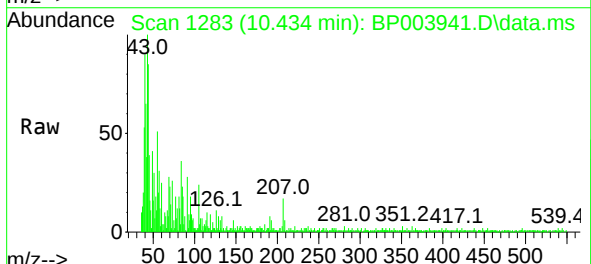
Instrument :
BNA_P
ClientSampleId :
TP-3-D

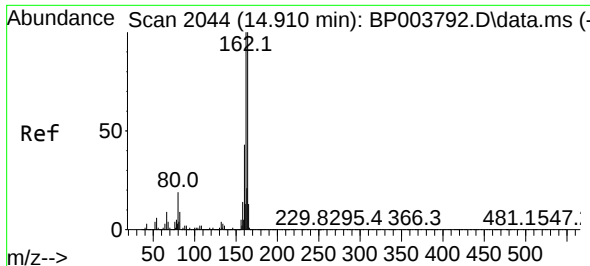
Tgt Ion: 82 Resp: 671580
Ion Ratio Lower Upper
82 100
128 41.6 45.6 68.4#
54 55.4 30.1 45.1#



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.434 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP003941.D
Acq: 12 Nov 2020 16:33

Tgt Ion: 122 Resp: 37
Ion Ratio Lower Upper
122 100
105 323.4 94.1 134.1#
77 242.2 50.1 90.1#

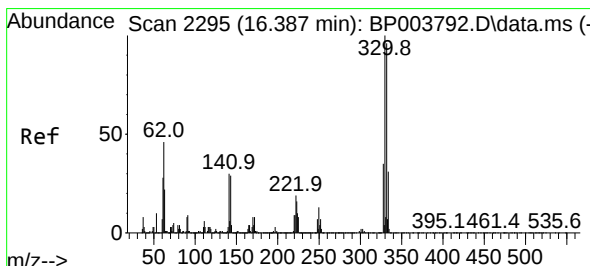
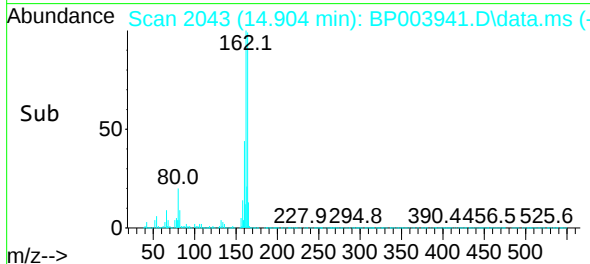
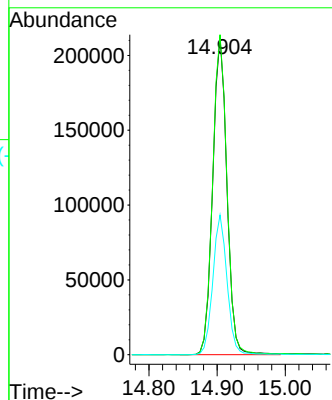
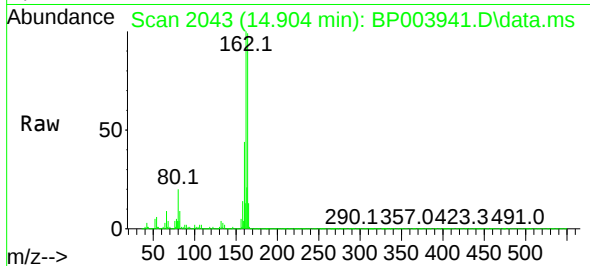




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP003941.D
Acq: 12 Nov 2020 16:33

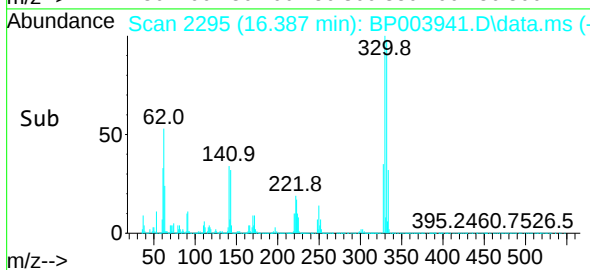
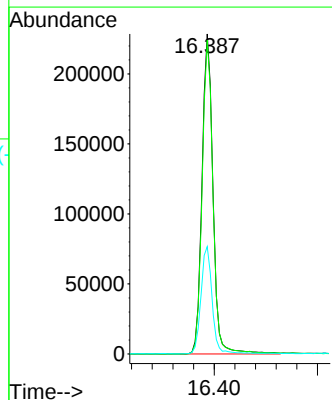
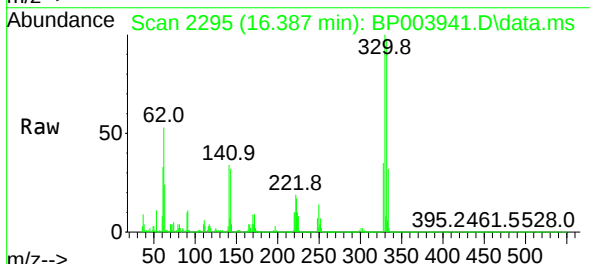
Instrument :
BNA_P
ClientSampleId :
TP-3-D

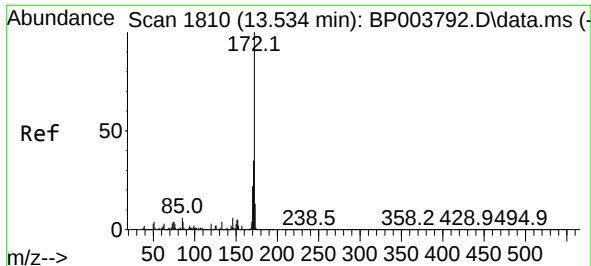
Tgt Ion:164 Resp: 307768
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.2
160 43.9 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 87.50 ng
RT: 16.387 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP003941.D
Acq: 12 Nov 2020 16:33

Tgt Ion:330 Resp: 336819
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 34.1 23.4 35.2

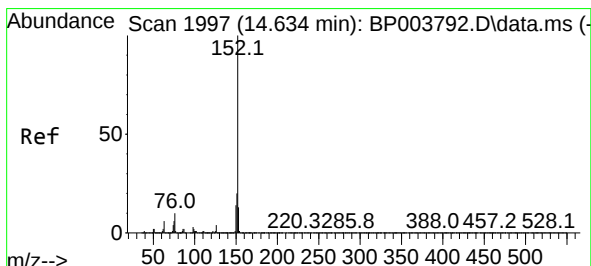
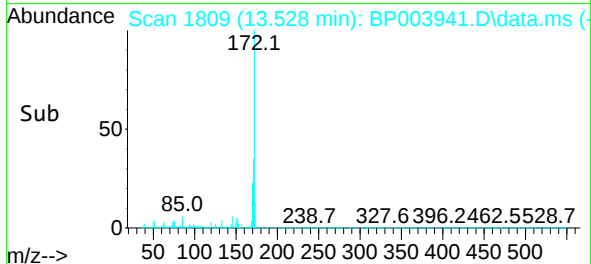
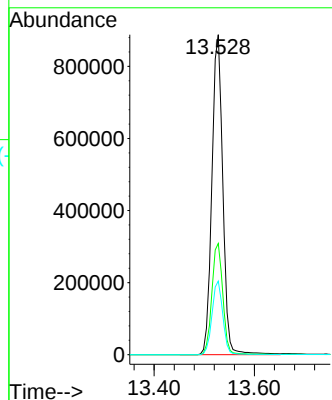
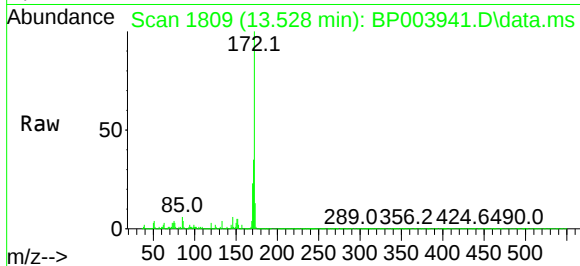




#45
2-Fluorobiphenyl
Concen: 61.01 ng
RT: 13.528 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BP003941.D
Acq: 12 Nov 2020 16:33

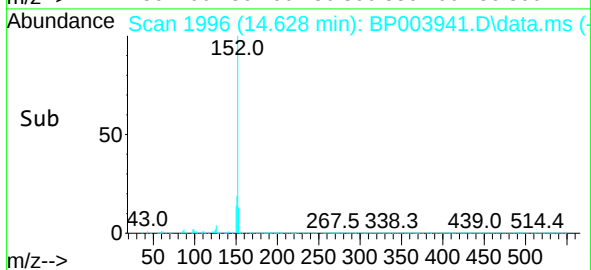
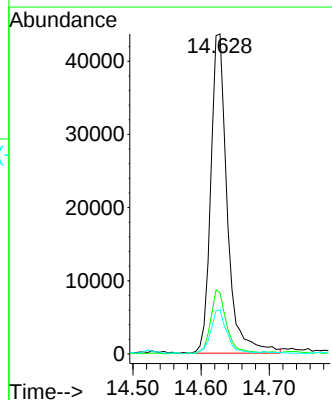
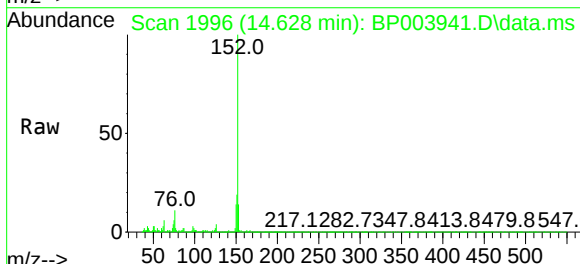
Instrument :
BNA_P
ClientSampleId :
TP-3-D

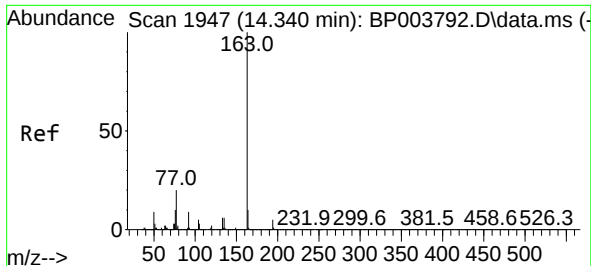
Tgt Ion:172 Resp: 1342998
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.0 19.2 28.8



#49
Acenaphthylene
Concen: 2.55 ng
RT: 14.628 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BP003941.D
Acq: 12 Nov 2020 16:33

Tgt Ion:152 Resp: 73372
Ion Ratio Lower Upper
152 100
151 19.1 15.9 23.9
153 13.8 10.5 15.7

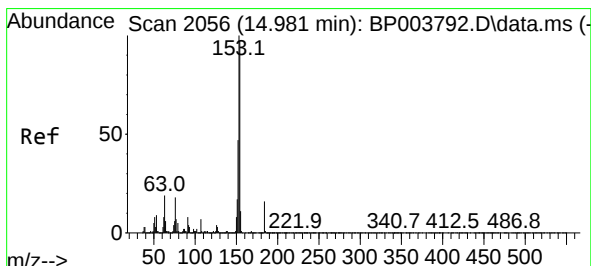
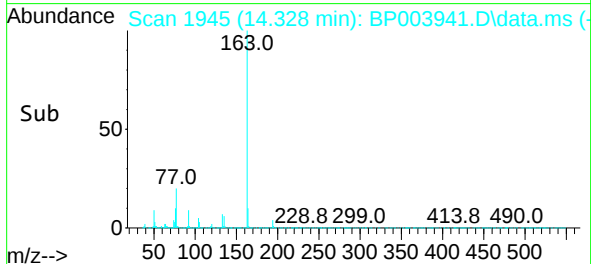
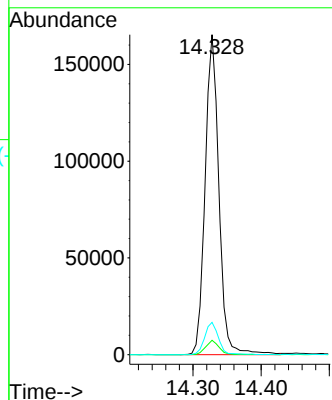
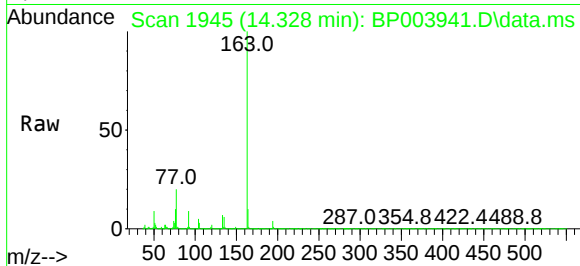




#50
Dimethylphthalate
Concen: 9.68 ng
RT: 14.328 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP003941.D
Acq: 12 Nov 2020 16:33

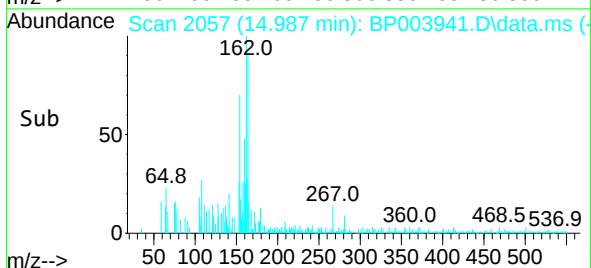
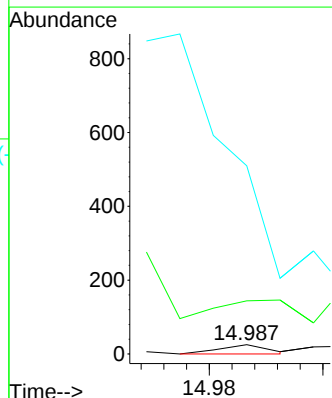
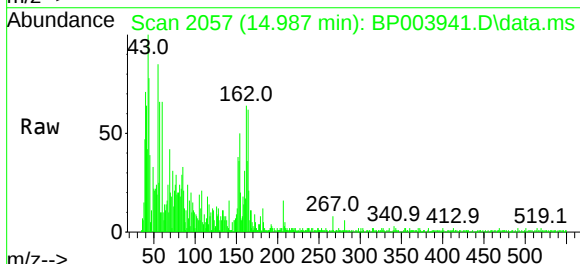
Instrument :
BNA_P
ClientSampleId :
TP-3-D

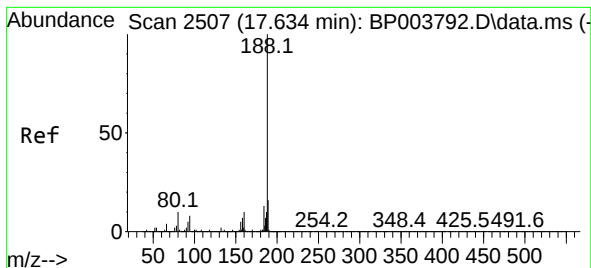
Tgt Ion:163 Resp: 232751
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.1 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 14.987 min Scan# 2057
Delta R.T. -0.012 min
Lab File: BP003941.D
Acq: 12 Nov 2020 16:33

Tgt Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 576.0 32.3 48.5#
154 2040.0 49.1 73.7#

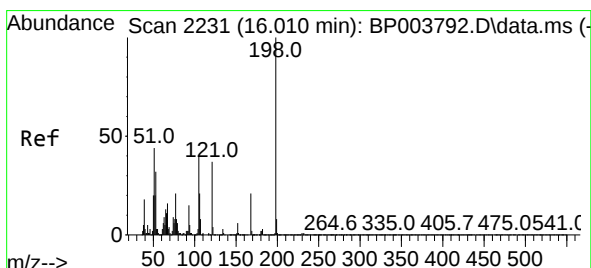
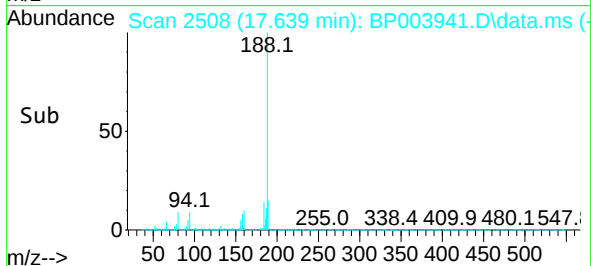
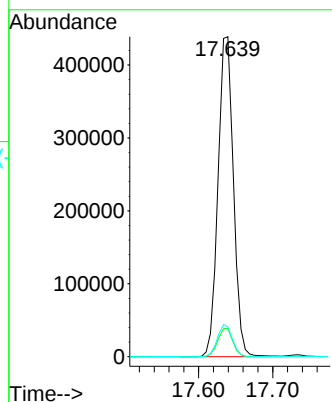
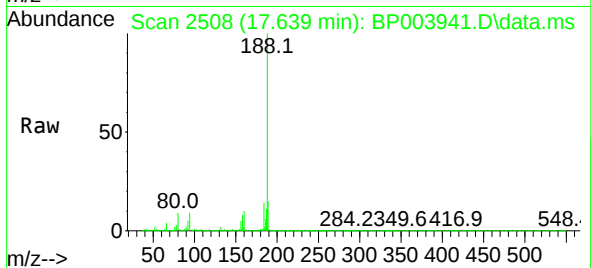




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.639 min Scan# 2508
Delta R.T. 0.000 min
Lab File: BP003941.D
Acq: 12 Nov 2020 16:33

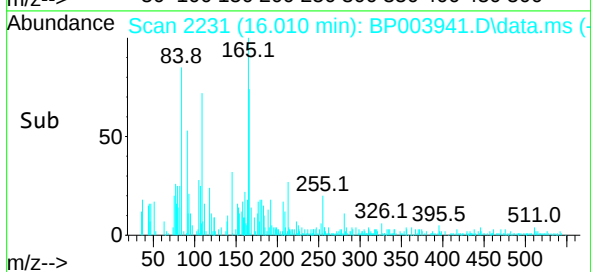
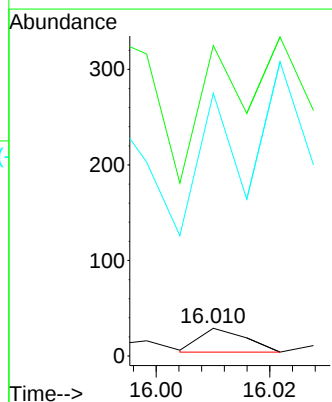
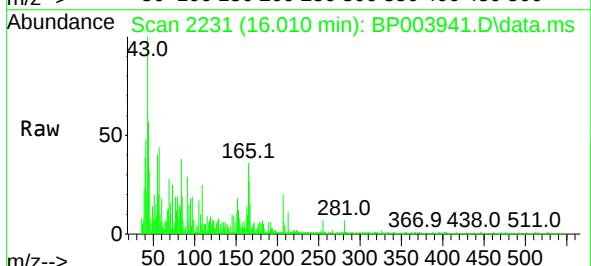
Instrument :
BNA_P
ClientSampleId :
TP-3-D

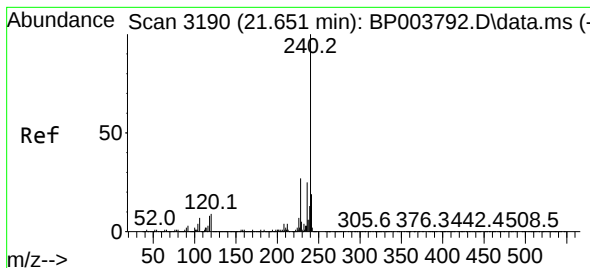
Tgt Ion:188 Resp: 633478
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 9.3 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.010 min Scan# 2231
Delta R.T. -0.012 min
Lab File: BP003941.D
Acq: 12 Nov 2020 16:33

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 1120.7 6.4 46.4#
105 948.3 18.9 58.9#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.669 min Scan# 3193

Delta R.T. -0.006 min

Lab File: BP003941.D

Acq: 12 Nov 2020 16:33

Tgt Ion:240 Resp: 601729

Ion Ratio Lower Upper

240 100

120 10.0 7.8 11.6

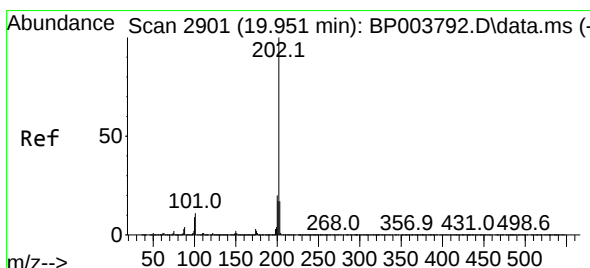
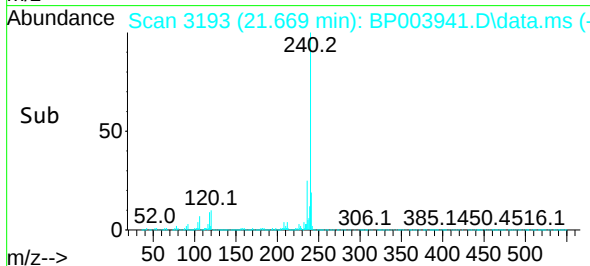
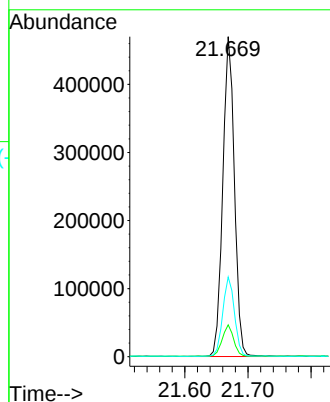
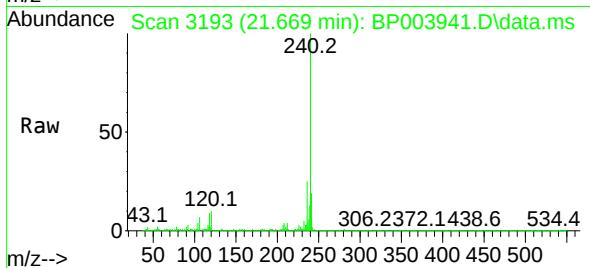
236 24.9 20.8 31.2

Instrument :

BNA_P

ClientSampleId :

TP-3-D



#78

Pyrene

Concen: 2.49 ng

RT: 19.963 min Scan# 2903

Delta R.T. 0.000 min

Lab File: BP003941.D

Acq: 12 Nov 2020 16:33

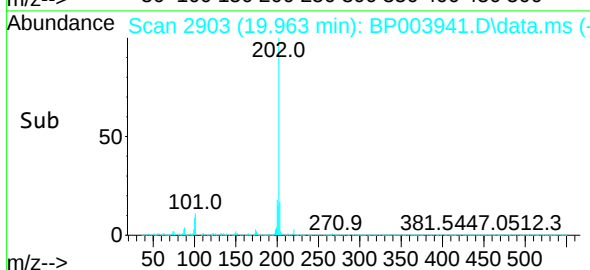
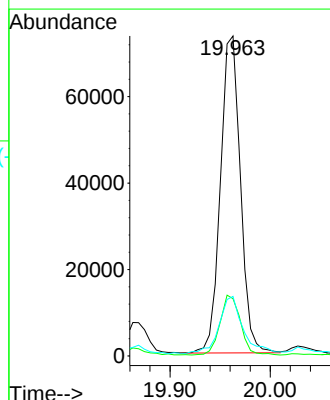
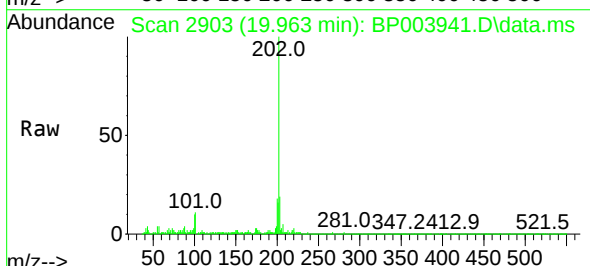
Tgt Ion:202 Resp: 101547

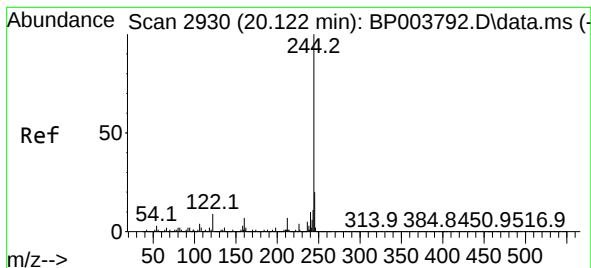
Ion Ratio Lower Upper

202 100

200 17.9 17.1 25.7

203 18.6 14.2 21.2

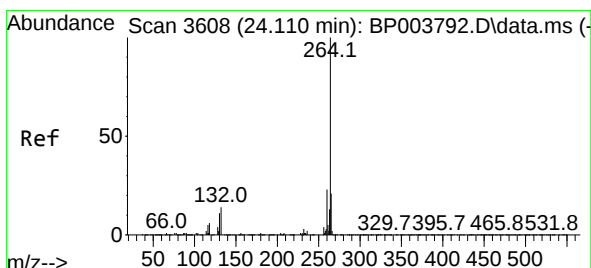
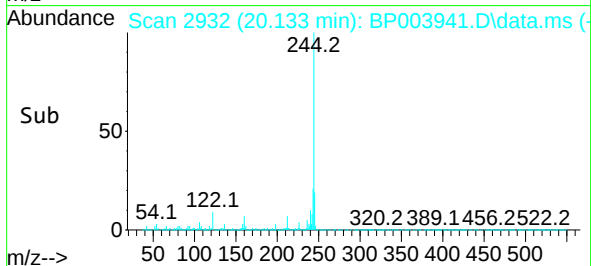
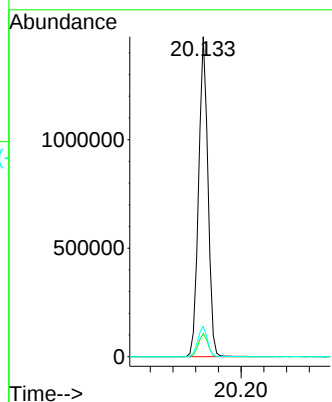
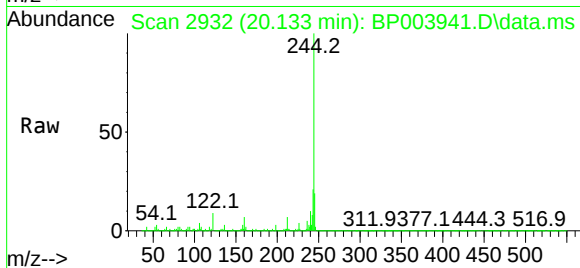




#79
Terphenyl-d14
Concen: 54.24 ng
RT: 20.133 min Scan# 2932
Delta R.T. 0.000 min
Lab File: BP003941.D
Acq: 12 Nov 2020 16:33

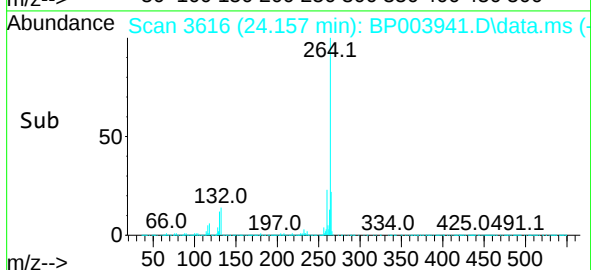
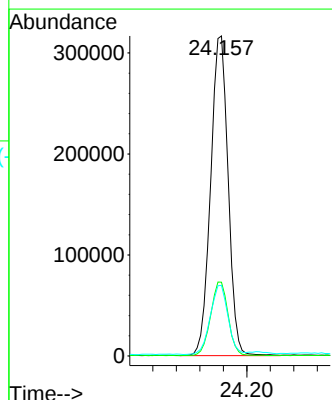
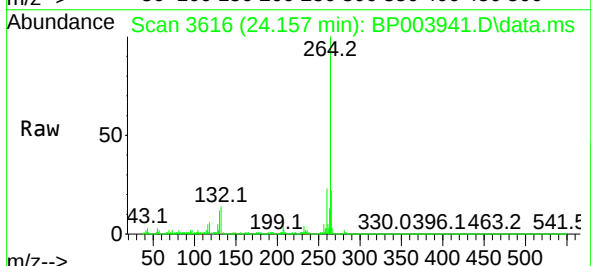
Instrument :
BNA_P
ClientSampleId :
TP-3-D

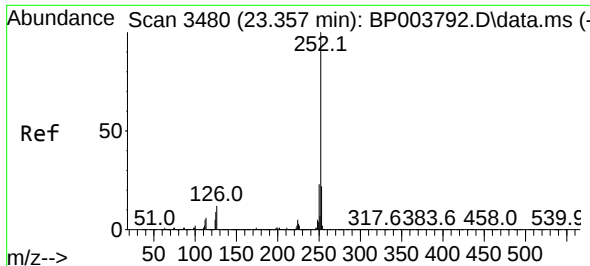
Tgt Ion:244 Resp: 1689204
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.4 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.157 min Scan# 3616
Delta R.T. 0.000 min
Lab File: BP003941.D
Acq: 12 Nov 2020 16:33

Tgt Ion:264 Resp: 652545
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 22.0 17.4 26.2

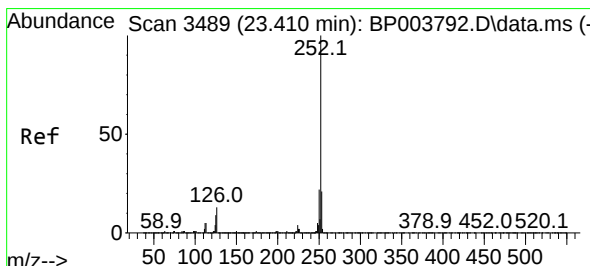
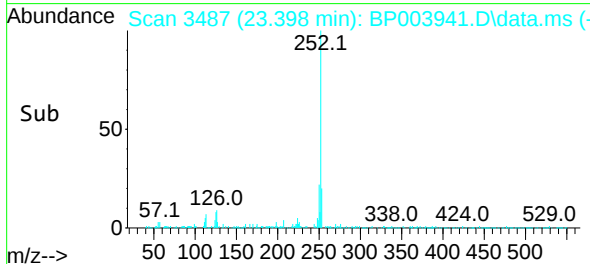
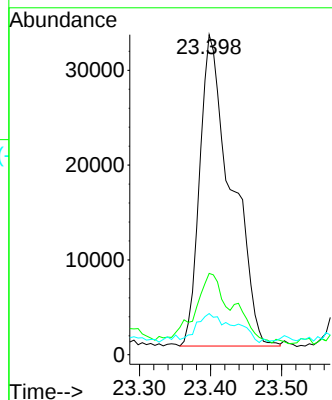
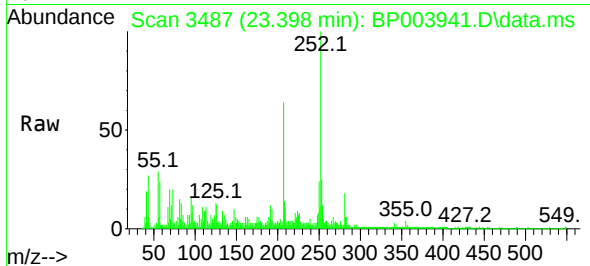




#88
Benzo(b)fluoranthene
Concen: 2.38 ng
RT: 23.398 min Scan# 3487
Delta R.T. -0.006 min
Lab File: BP003941.D
Acq: 12 Nov 2020 16:33

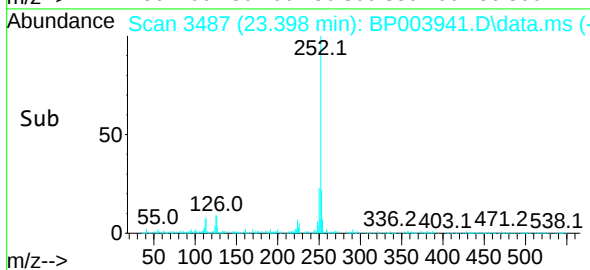
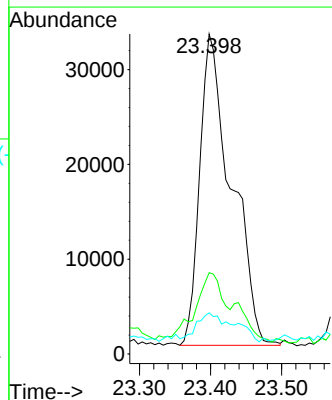
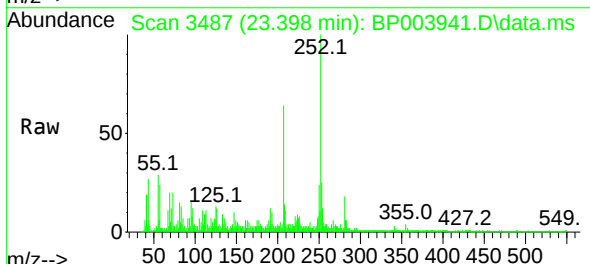
Instrument :
BNA_P
ClientSampleId :
TP-3-D

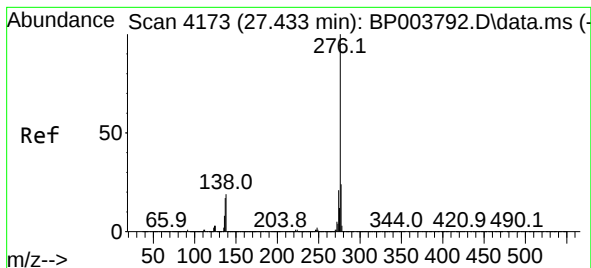
Tgt Ion:252 Resp: 101699
Ion Ratio Lower Upper
252 100
253 25.4 17.6 26.4
125 12.9 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 2.41 ng
RT: 23.398 min Scan# 3487
Delta R.T. -0.053 min
Lab File: BP003941.D
Acq: 12 Nov 2020 16:33

Tgt Ion:252 Resp: 101699
Ion Ratio Lower Upper
252 100
253 25.4 17.8 26.8
125 12.9 7.4 11.2#





#92

Benzo(g,h,i)perylene

Concen: 2.44 ng

RT: 27.504 min Scan# 4185

Delta R.T. -0.018 min

Lab File: BP003941.D

Acq: 12 Nov 2020 16:33

Instrument :

BNA_P

ClientSampleId :

TP-3-D

Tgt Ion:276 Resp: 92632

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.6

138 19.0 16.6 24.8

