

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110520\
 Data File : BP003830.D
 Acq On : 05 Nov 2020 20:24
 Operator : CG/JU
 Sample : L4590-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-08-110320

Quant Time: Nov 05 23:57:39 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 05 14:31:45 2020
 Response via : Initial Calibration

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

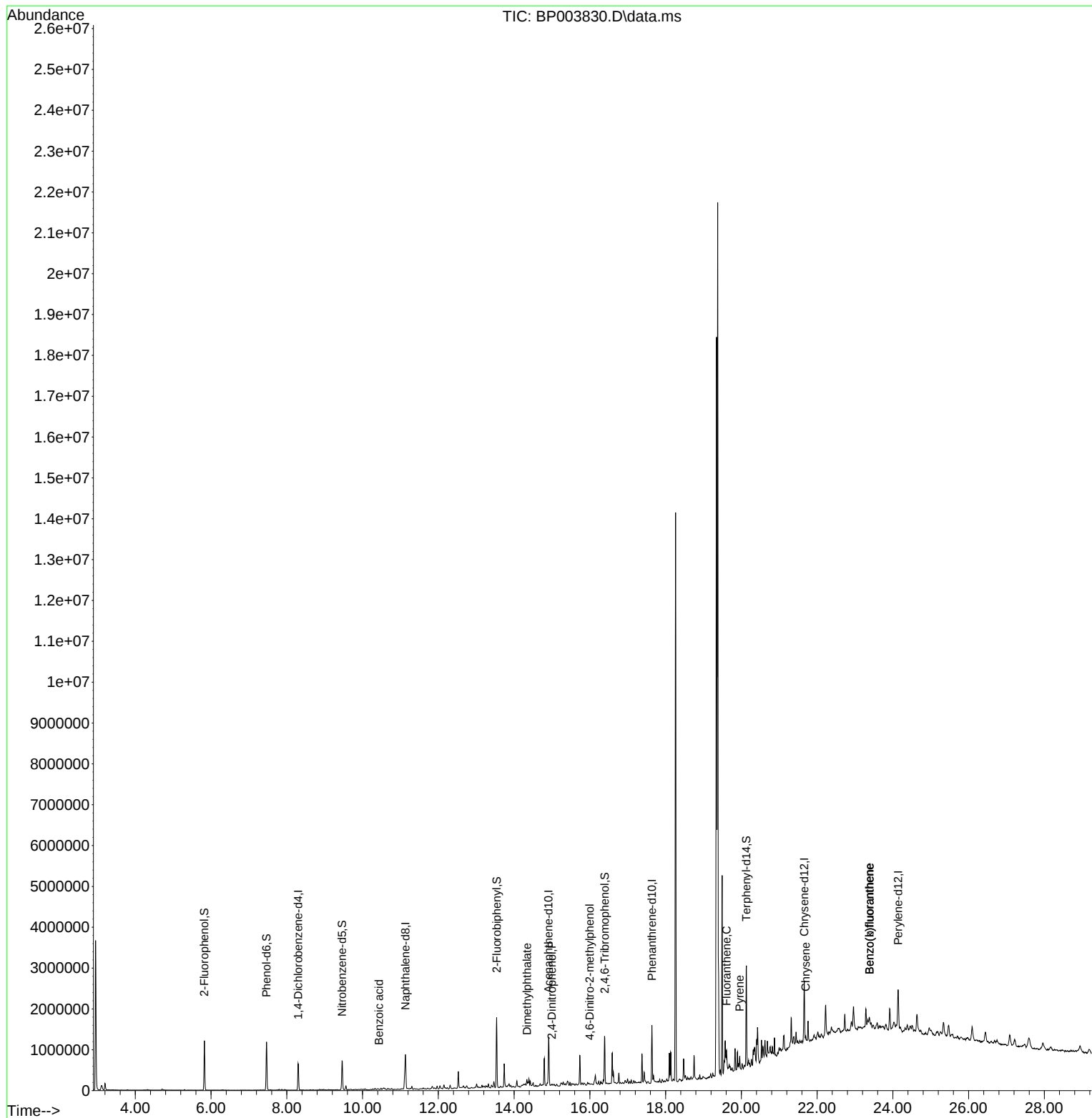
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	174677	20.00	ng	0.00
21) Naphthalene-d8	11.134	136	677593	20.00	ng	# 0.00
39) Acenaphthene-d10	14.910	164	402891	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	798814	20.00	ng	# 0.00
76) Chrysene-d12	21.663	240	743317	20.00	ng	0.01
86) Perylene-d12	24.139	264	783630	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	498401	47.62	ng	0.01
7) Phenol-d6	7.463	99	642346	42.75	ng	0.00
23) Nitrobenzene-d5	9.457	82	391472	28.29	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	223721	44.40	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	836839	29.04	ng	0.00
79) Terphenyl-d14	20.133	244	1017207	26.44	ng	0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.405	77	289	Below Cal	#	75
32) Benzoic acid	10.434	122	127	8.32	ng	# 14
50) Dimethylphthalate	14.340	163	101038	3.21	ng	# 98
54) 2,4-Dinitrophenol	14.998	184	206	2.82	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.998	198	87	6.36	ng	# 1
75) Fluoranthene	19.610	202	178991	3.46	ng	99
78) Pyrene	19.957	202	164894	3.27	ng	97
83) Chrysene	21.698	228	110764	2.35	ng	# 92
88) Benzo(b)fluoranthene	23.386	252	184508	3.60	ng	# 73
89) Benzo(k)fluoranthene	23.386	252	184508	3.64	ng	# 73

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110520\
Data File : BP003830.D
Acq On : 05 Nov 2020 20:24
Operator : CG/JU
Sample : L4590-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NB-08-110320

Quant Time: Nov 05 23:57:39 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 05 14:31:45 2020
Response via : Initial Calibration

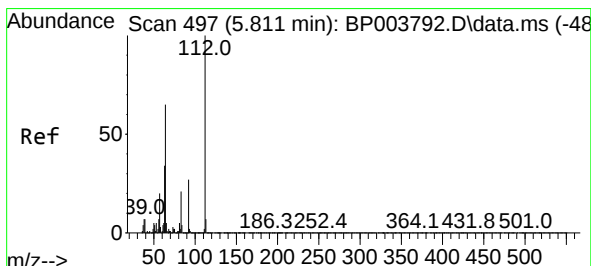
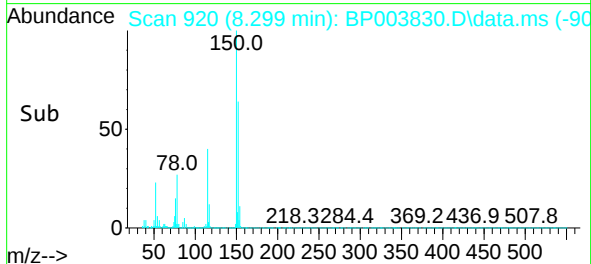
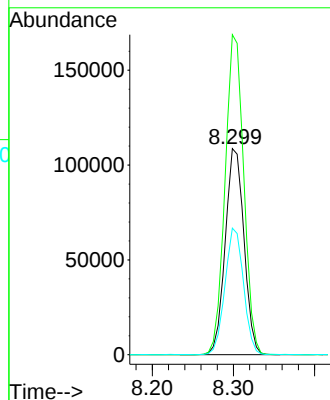
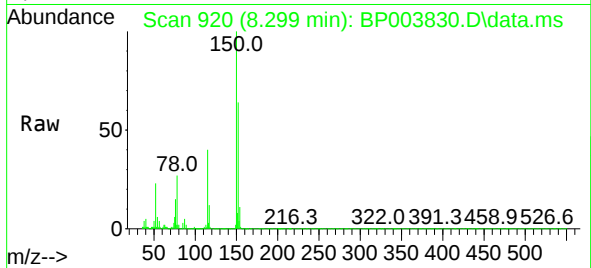




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.299 min Scan# 920
Delta R.T. 0.006 min
Lab File: BP003830.D
Acq: 05 Nov 2020 20:24

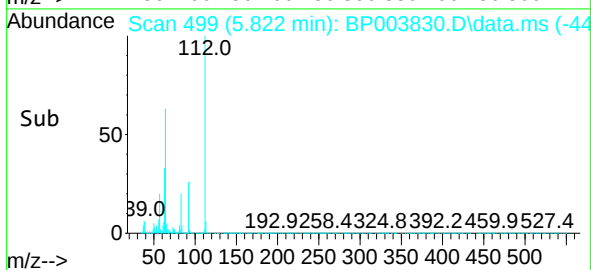
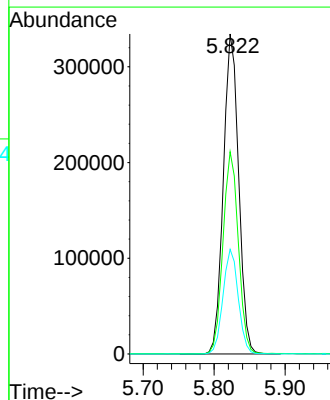
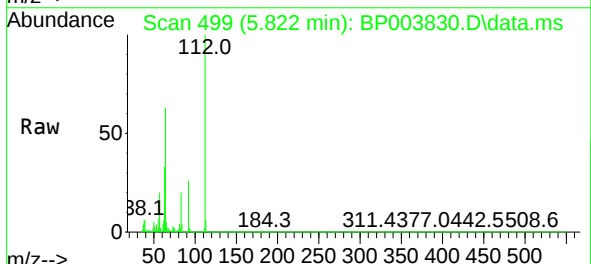
Instrument :
BNA_P
ClientSampleId :
NB-08-110320

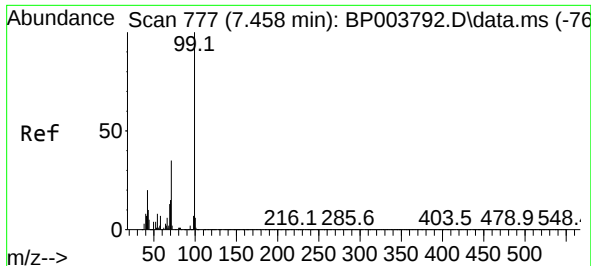
Tgt Ion:152 Resp: 174677
Ion Ratio Lower Upper
152 100
150 155.3 123.8 185.6
115 61.4 43.8 65.6



#5
2-Fluorophenol
Concen: 47.62 ng
RT: 5.822 min Scan# 499
Delta R.T. 0.011 min
Lab File: BP003830.D
Acq: 05 Nov 2020 20:24

Tgt Ion:112 Resp: 498401
Ion Ratio Lower Upper
112 100
64 63.2 32.8 49.2#
63 32.7 17.0 25.4#

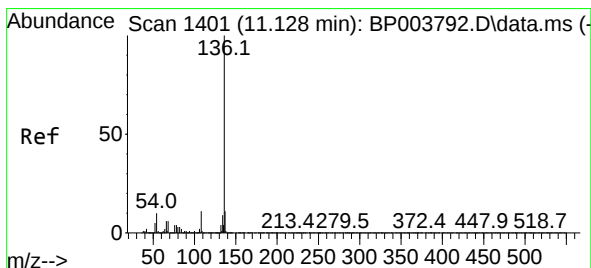
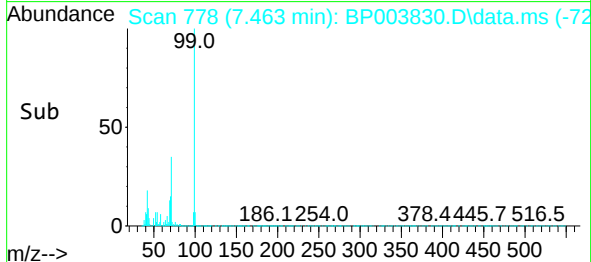
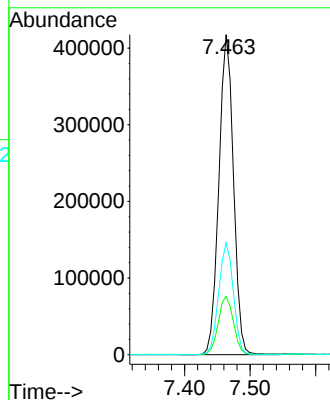
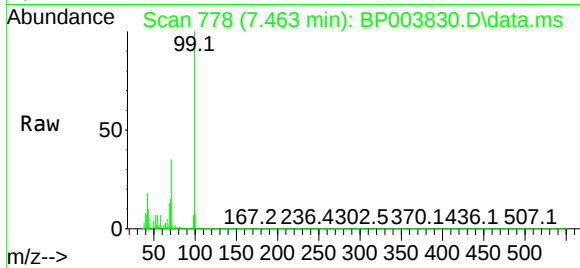




#7
Phenol-d6
Concen: 42.75 ng
RT: 7.463 min Scan# 778
Delta R.T. 0.005 min
Lab File: BP003830.D
Acq: 05 Nov 2020 20:24

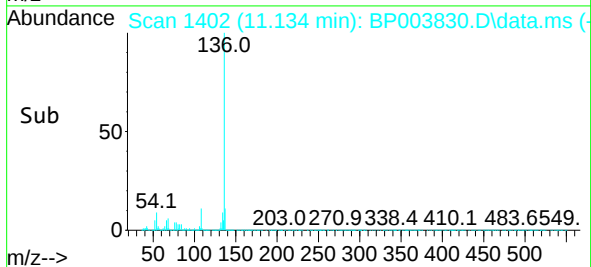
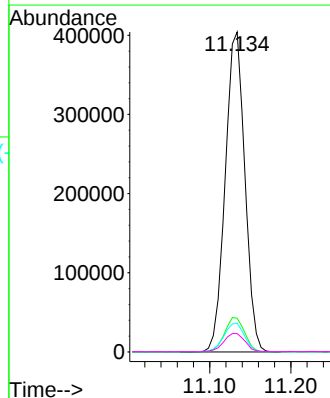
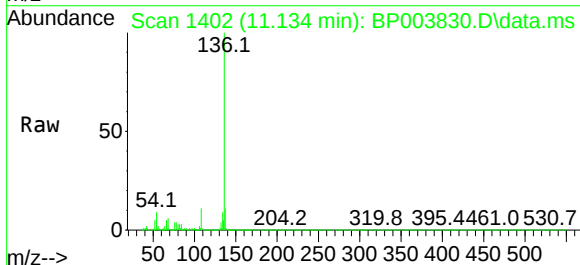
Instrument :
BNA_P
ClientSampleId :
NB-08-110320

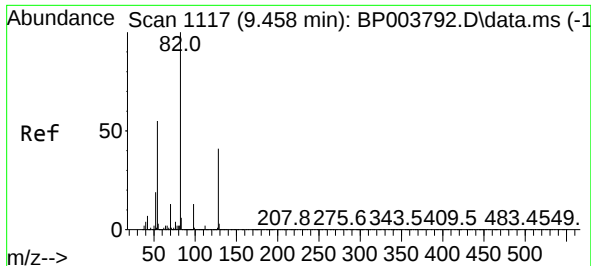
Tgt Ion: 99 Resp: 642346
Ion Ratio Lower Upper
99 100
42 18.2 8.6 13.0#
71 34.9 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.134 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BP003830.D
Acq: 05 Nov 2020 20:24

Tgt Ion: 136 Resp: 677593
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.0 3.6 5.4#
68 5.8 3.3 4.9#

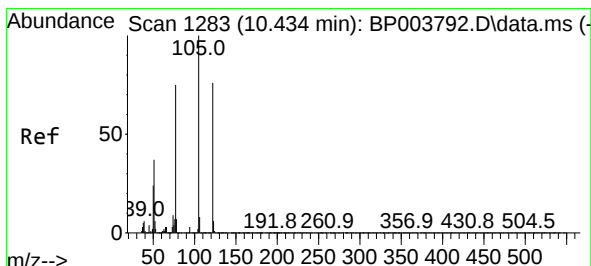
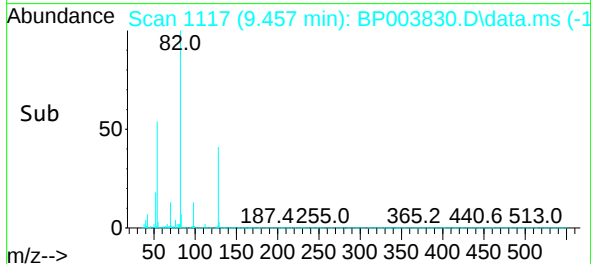
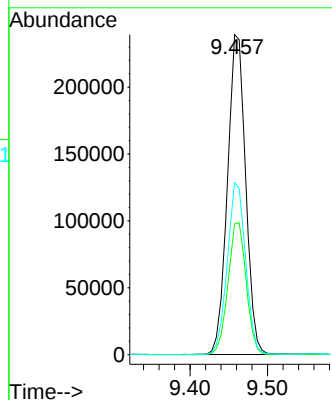
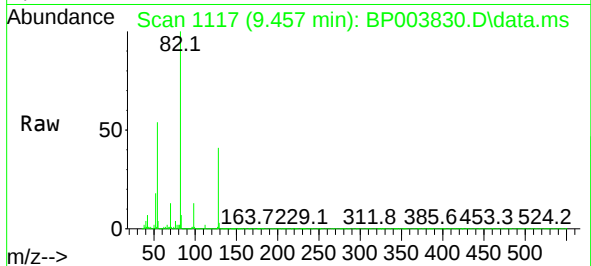




#23
Nitrobenzene-d5
Concen: 28.29 ng
RT: 9.457 min Scan# 1117
Delta R.T. -0.001 min
Lab File: BP003830.D
Acq: 05 Nov 2020 20:24

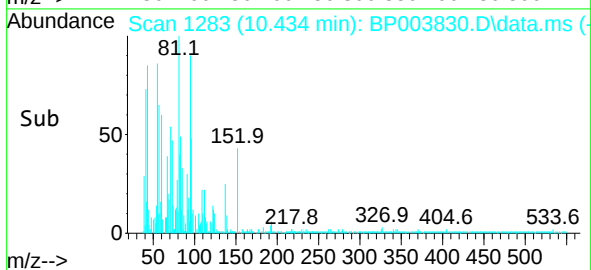
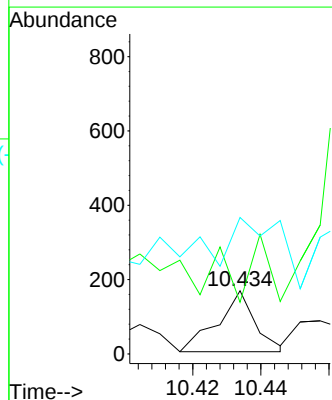
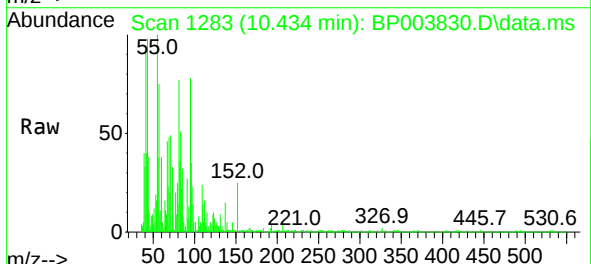
Instrument :
BNA_P
ClientSampleId :
NB-08-110320

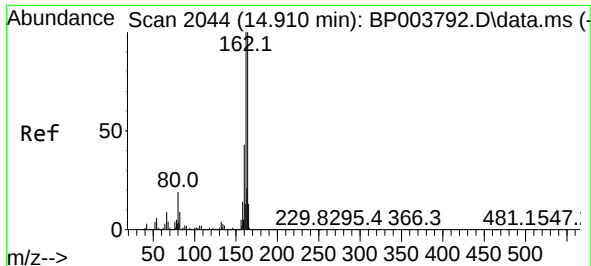
Tgt Ion: 82 Resp: 391472
Ion Ratio Lower Upper
82 100
128 40.9 45.6 68.4#
54 53.8 30.1 45.1#



#32
Benzoic acid
Concen: 8.32 ng
RT: 10.434 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP003830.D
Acq: 05 Nov 2020 20:24

Tgt Ion: 122 Resp: 127
Ion Ratio Lower Upper
122 100
105 81.8 94.1 134.1#
77 215.9 50.1 90.1#

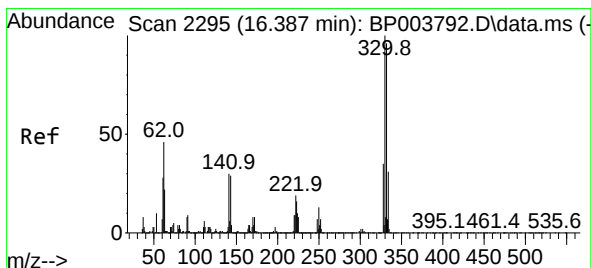
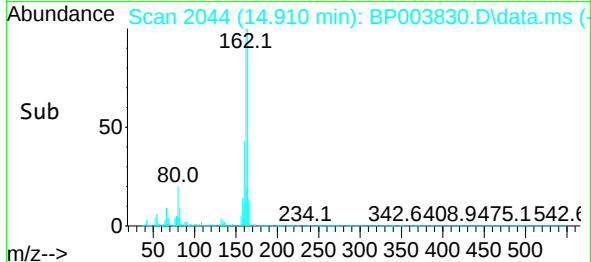
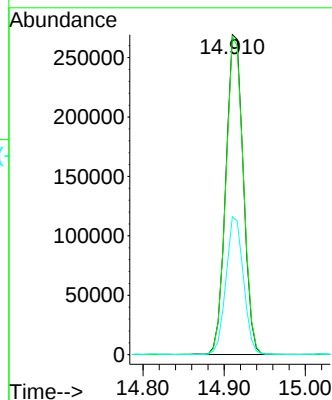
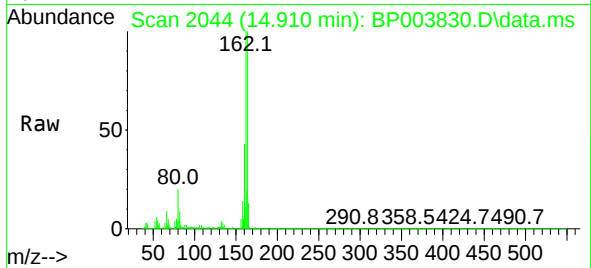




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.910 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP003830.D
Acq: 05 Nov 2020 20:24

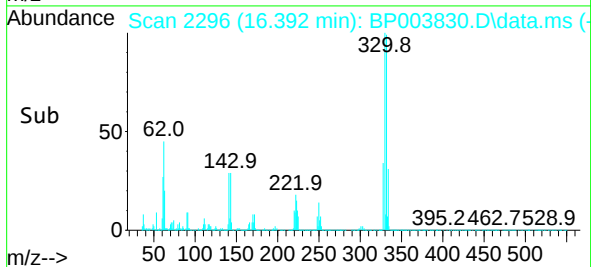
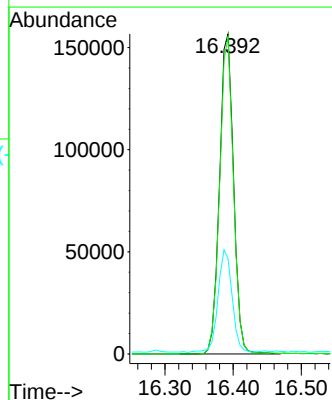
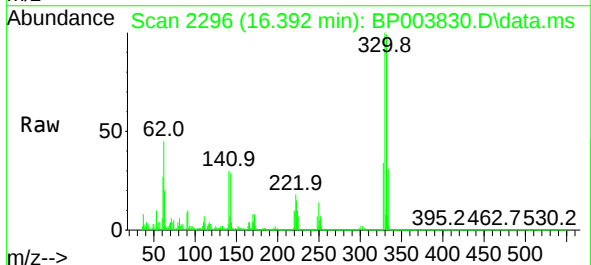
Instrument :
BNA_P
ClientSampleId :
NB-08-110320

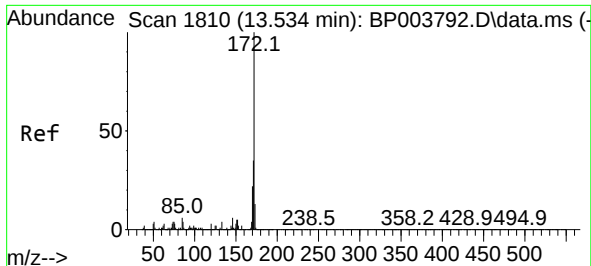
Tgt Ion:164 Resp: 402891
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.2
160 43.1 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 44.40 ng
RT: 16.392 min Scan# 2296
Delta R.T. 0.005 min
Lab File: BP003830.D
Acq: 05 Nov 2020 20:24

Tgt Ion:330 Resp: 223721
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 32.4 23.4 35.2

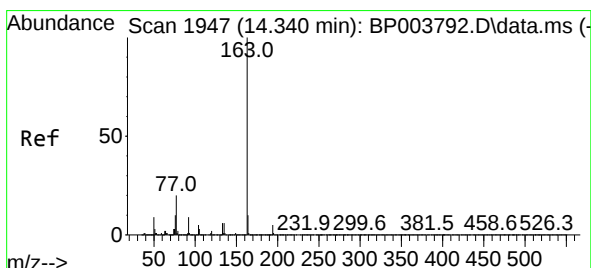
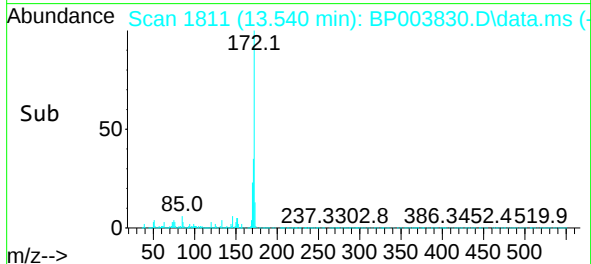
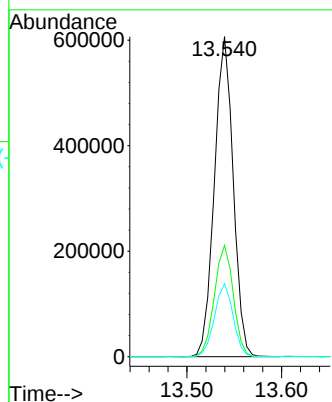
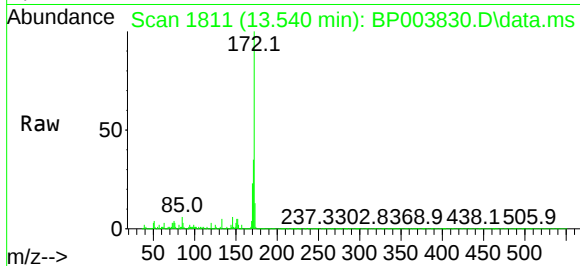




#45
2-Fluorobiphenyl
Concen: 29.04 ng
RT: 13.540 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BP003830.D
Acq: 05 Nov 2020 20:24

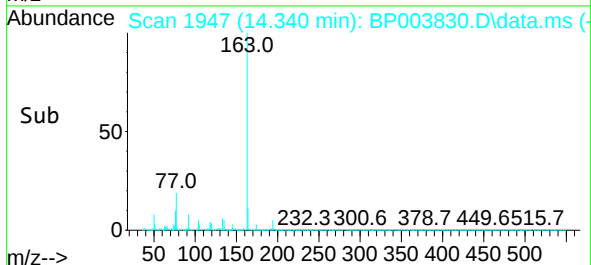
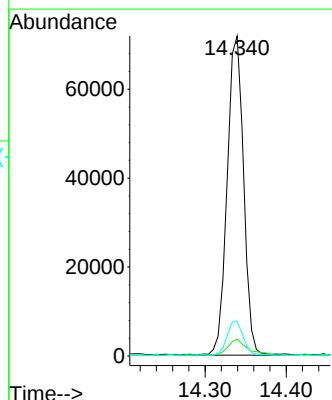
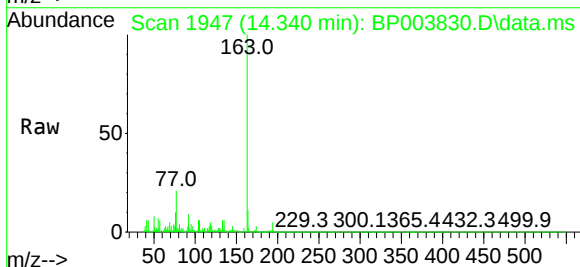
Instrument :
BNA_P
ClientSampleId :
NB-08-110320

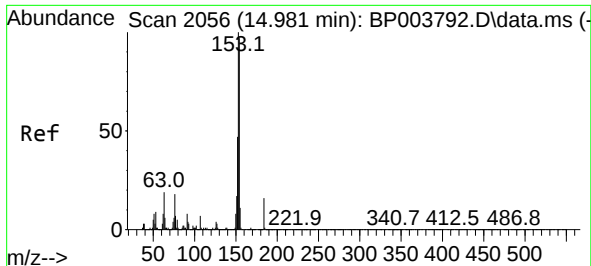
Tgt Ion:172 Resp: 836839
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.8 19.2 28.8



#50
Dimethylphthalate
Concen: 3.21 ng
RT: 14.340 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BP003830.D
Acq: 05 Nov 2020 20:24

Tgt Ion:163 Resp: 101038
Ion Ratio Lower Upper
163 100
194 5.2 3.3 4.9#
164 10.8 8.2 12.2

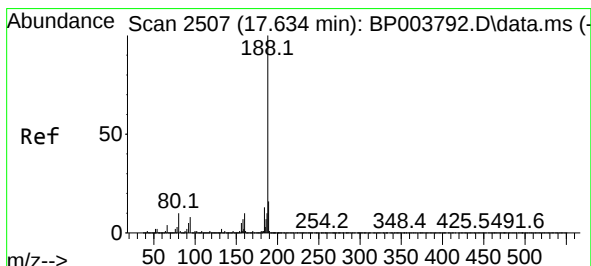
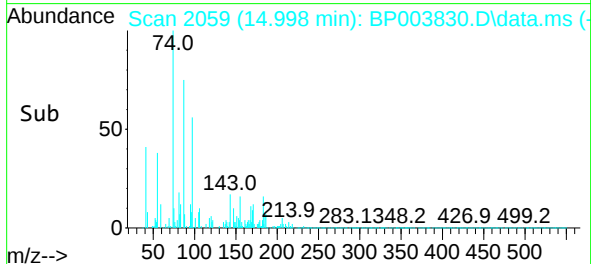
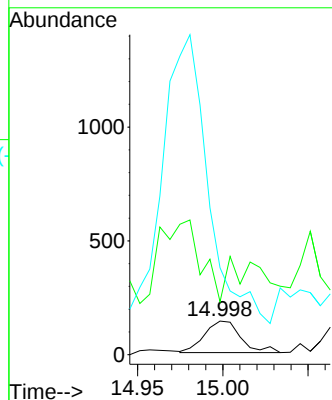
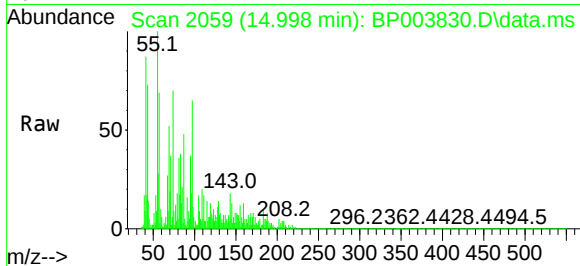




#54
2,4-Dinitrophenol
Concen: 2.82 ng
RT: 14.998 min Scan# 2059
Delta R.T. 0.017 min
Lab File: BP003830.D
Acq: 05 Nov 2020 20:24

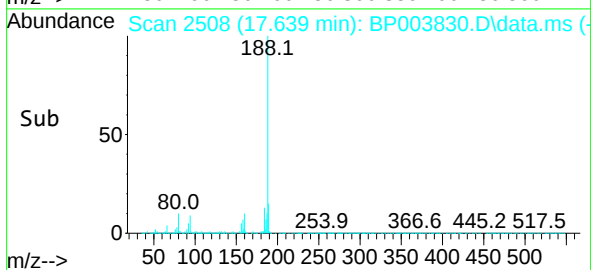
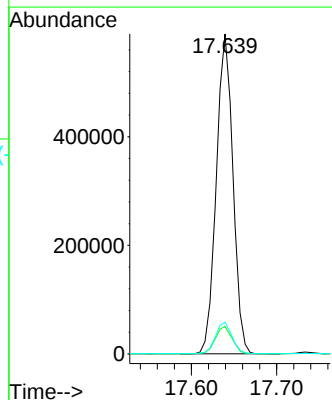
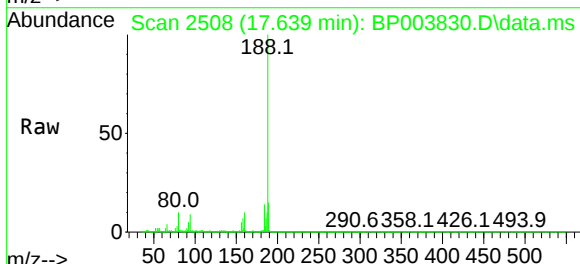
Instrument :
BNA_P
ClientSampleId :
NB-08-110320

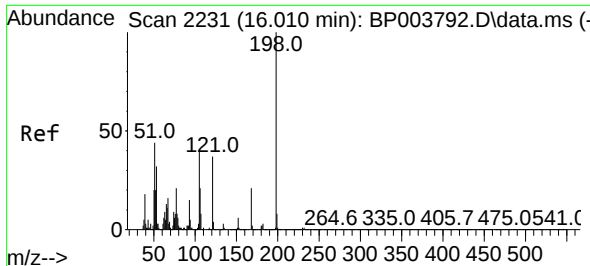
Tgt Ion:184 Resp: 206
Ion Ratio Lower Upper
184 100
63 157.4 32.3 48.5#
154 258.1 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.639 min Scan# 2508
Delta R.T. 0.005 min
Lab File: BP003830.D
Acq: 05 Nov 2020 20:24

Tgt Ion:188 Resp: 798814
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 9.9 6.2 9.2#

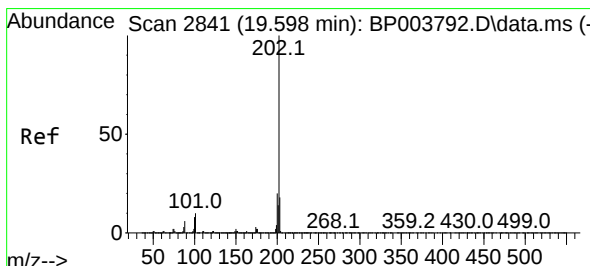
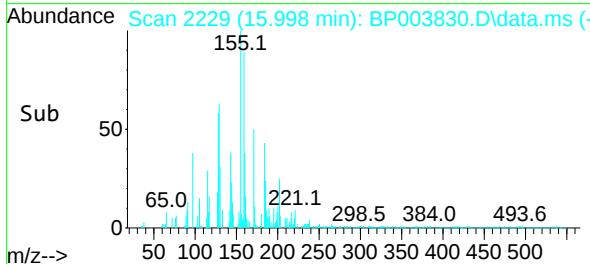
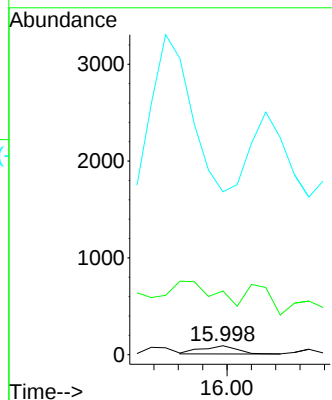
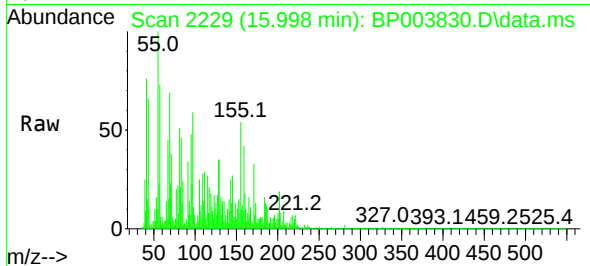




#65
4,6-Dinitro-2-methylphenol
Concen: 6.36 ng
RT: 15.998 min Scan# 2229
Delta R.T. -0.012 min
Lab File: BP003830.D
Acq: 05 Nov 2020 20:24

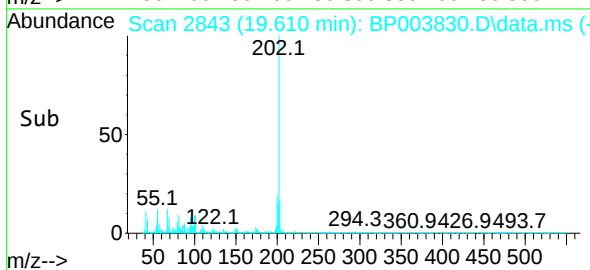
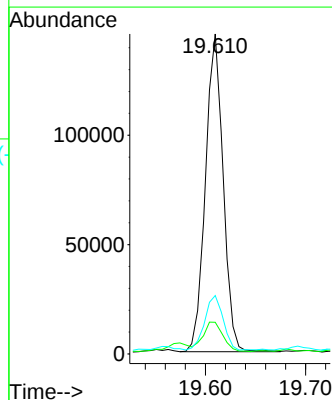
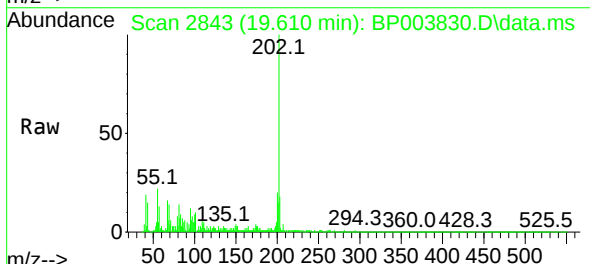
Instrument :
BNA_P
ClientSampleId :
NB-08-110320

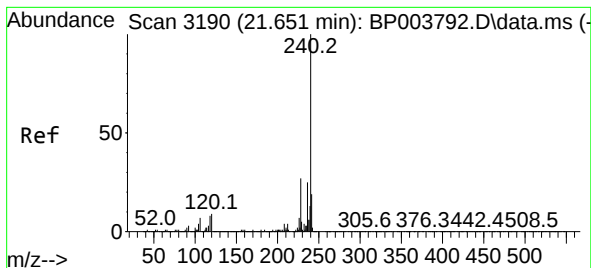
Tgt Ion:198 Resp: 87
Ion Ratio Lower Upper
198 100
51 707.5 6.4 46.4#
105 1808.6 18.9 58.9#



#75
Fluoranthene
Concen: 3.46 ng
RT: 19.610 min Scan# 2843
Delta R.T. 0.012 min
Lab File: BP003830.D
Acq: 05 Nov 2020 20:24

Tgt Ion:202 Resp: 178991
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.4
203 18.3 0.0 37.8

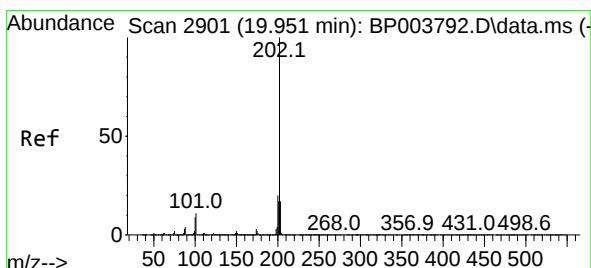
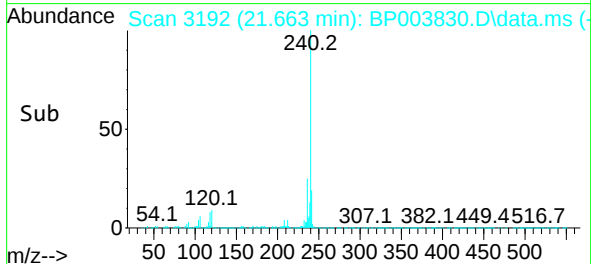
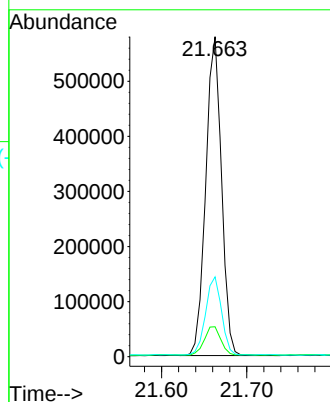
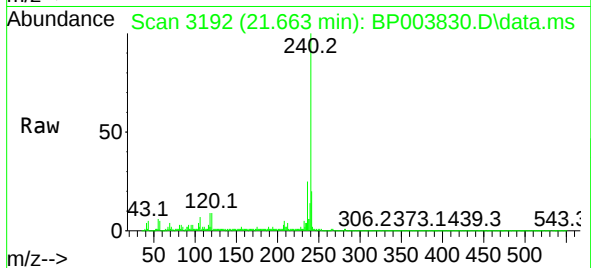




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.663 min Scan# 3192
Delta R.T. 0.012 min
Lab File: BP003830.D
Acq: 05 Nov 2020 20:24

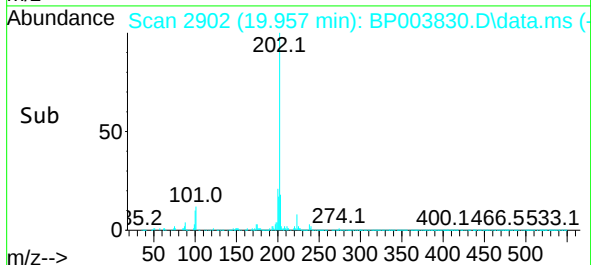
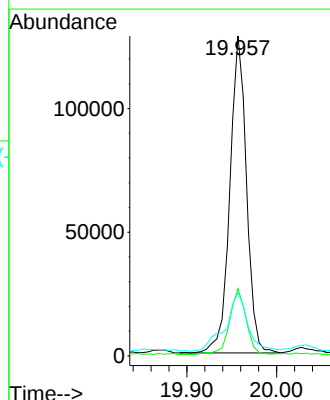
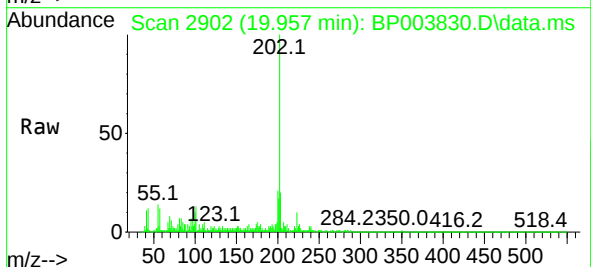
Instrument :
BNA_P
ClientSampleId :
NB-08-110320

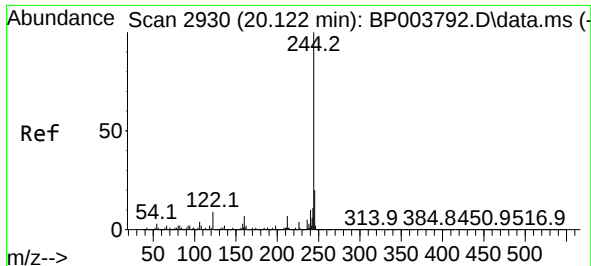
Tgt Ion:240 Resp: 743317
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 25.0 20.8 31.2



#78
Pyrene
Concen: 3.27 ng
RT: 19.957 min Scan# 2902
Delta R.T. 0.006 min
Lab File: BP003830.D
Acq: 05 Nov 2020 20:24

Tgt Ion:202 Resp: 164894
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 19.7 14.2 21.2

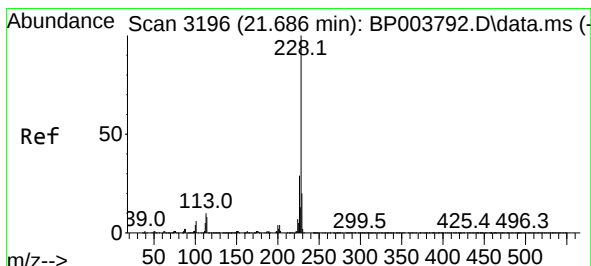
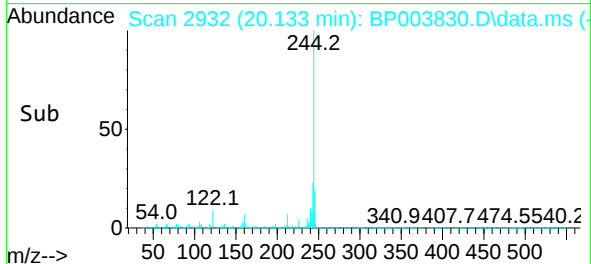
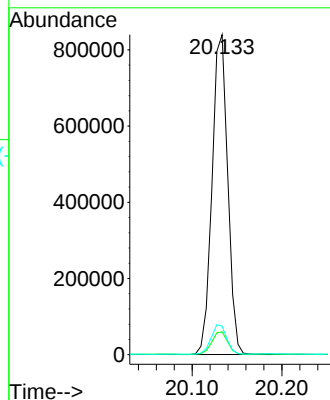
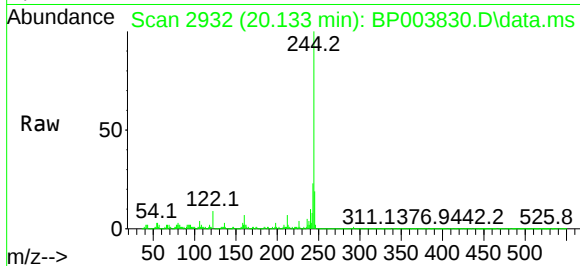




#79
 Terphenyl-d14
 Concen: 26.44 ng
 RT: 20.133 min Scan# 2932
 Delta R.T. 0.011 min
 Lab File: BP003830.D
 Acq: 05 Nov 2020 20:24

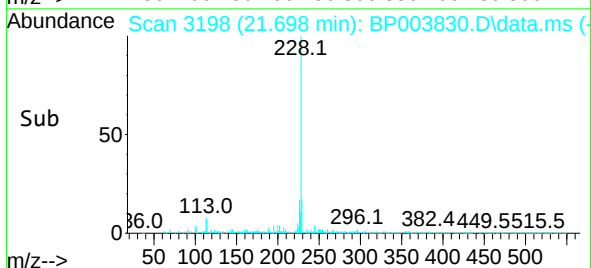
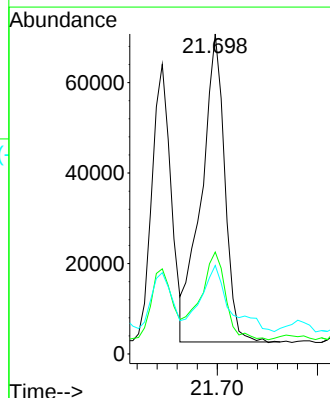
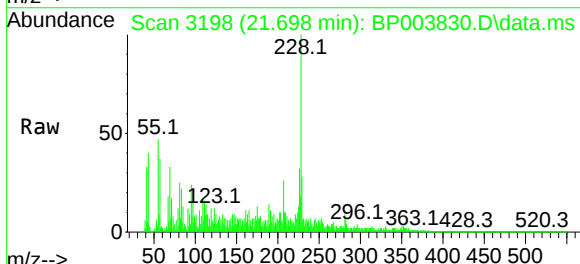
Instrument :
 BNA_P
 ClientSampleId :
 NB-08-110320

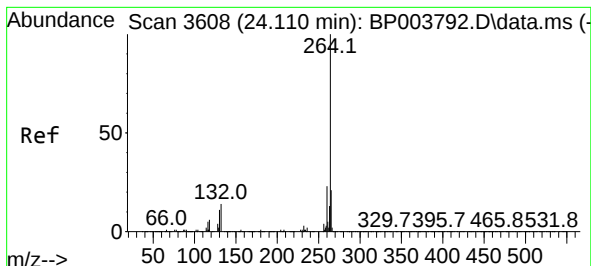
Tgt Ion:244 Resp: 1017207
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 8.9 7.8 11.8



#83
 Chrysene
 Concen: 2.35 ng
 RT: 21.698 min Scan# 3198
 Delta R.T. 0.012 min
 Lab File: BP003830.D
 Acq: 05 Nov 2020 20:24

Tgt Ion:228 Resp: 110764
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.4 36.6
 229 27.6 15.8 23.6#





#86

Perylene-d12

Concen: 20.00 ng

RT: 24.139 min Scan# 3613

Delta R.T. 0.029 min

Lab File: BP003830.D

Acq: 05 Nov 2020 20:24

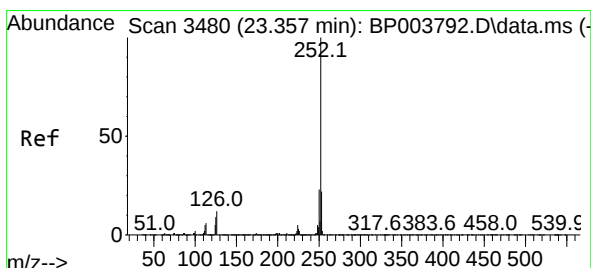
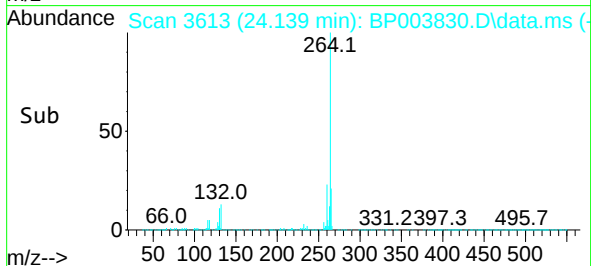
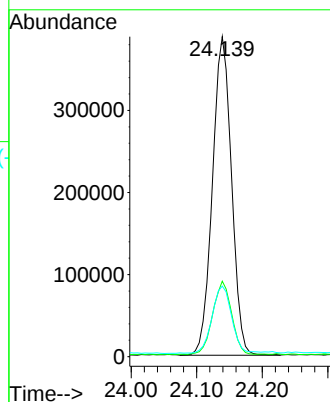
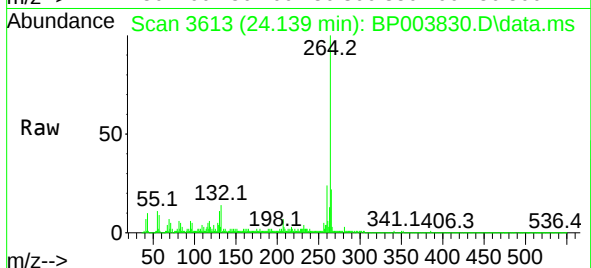
Tgt Ion:264 Resp: 783630

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 22.1 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 3.60 ng

RT: 23.386 min Scan# 3485

Delta R.T. 0.029 min

Lab File: BP003830.D

Acq: 05 Nov 2020 20:24

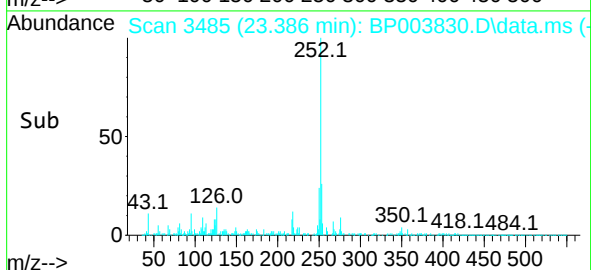
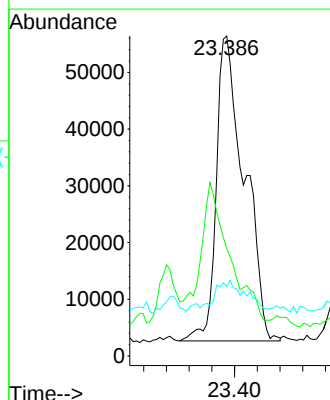
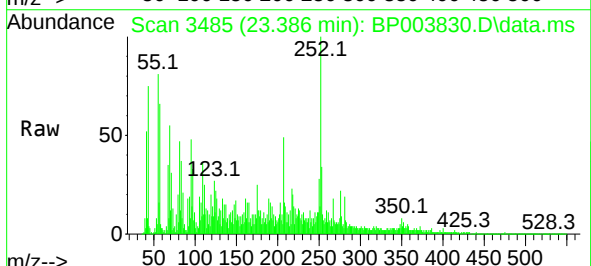
Tgt Ion:252 Resp: 184508

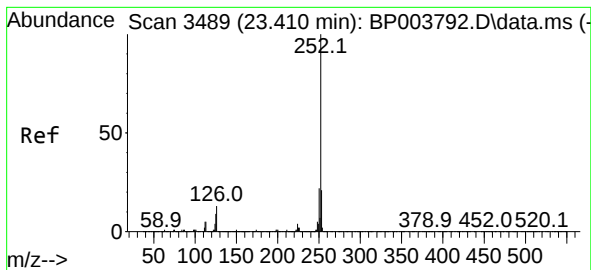
Ion Ratio Lower Upper

252 100

253 33.6 17.6 26.4#

125 21.7 7.3 10.9#





#89

Benzo(k)fluoranthene

Concen: 3.64 ng

RT: 23.386 min Scan# 3485

Delta R.T. -0.024 min

Lab File: BP003830.D

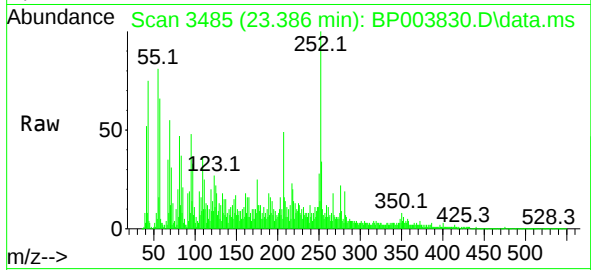
Acq: 05 Nov 2020 20:24

Instrument :

BNA_P

ClientSampleId :

NB-08-110320



Tgt Ion:252 Resp: 184508

Ion Ratio Lower Upper

252 100

253 33.6 17.8 26.8#

125 21.7 7.4 11.2#

