

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111920\
 Data File : BP004016.D
 Acq On : 19 Nov 2020 21:39
 Operator : CG/JU
 Sample : L4779-04 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1608

Quant Time: Nov 19 23:58:35 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)

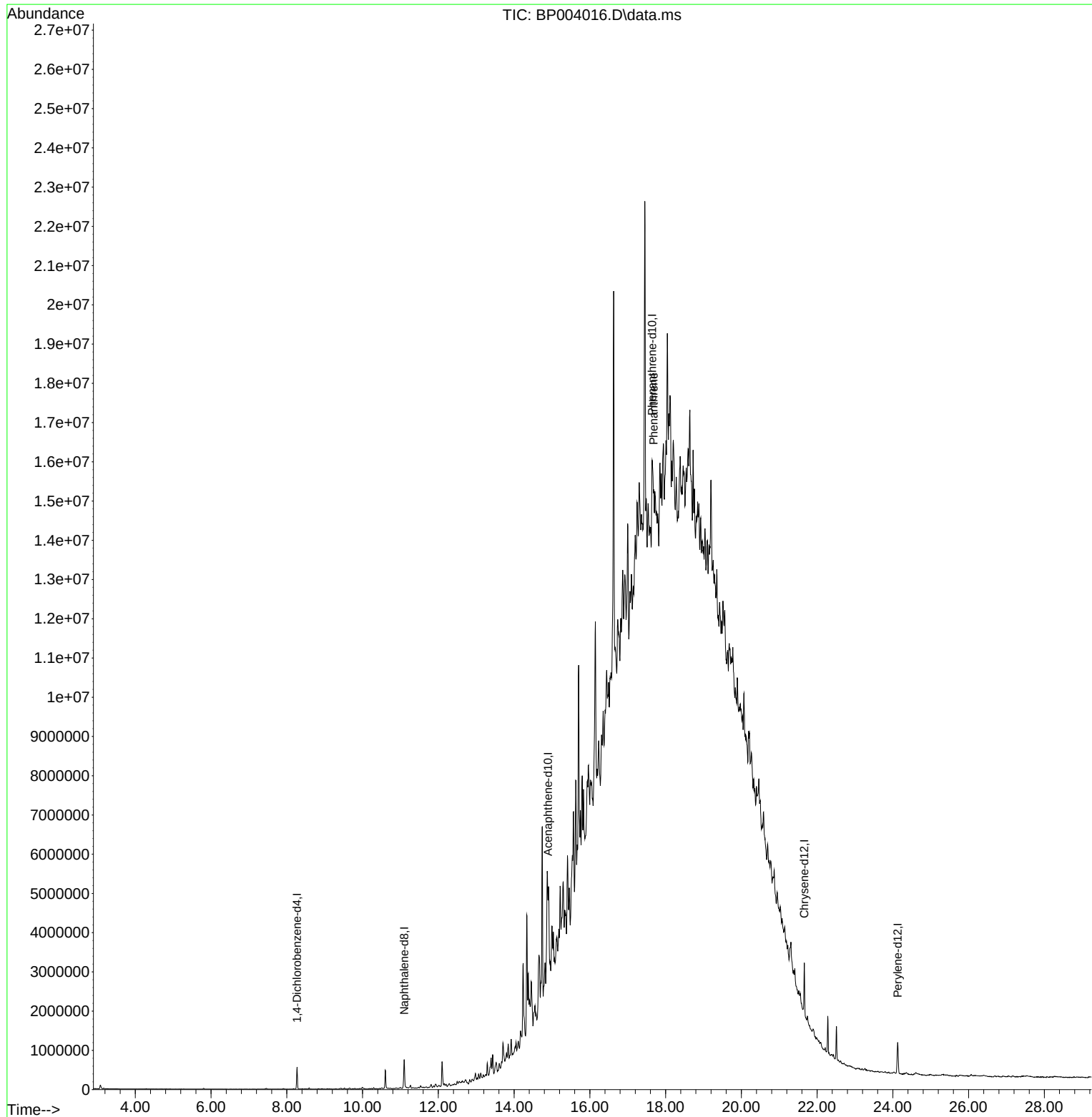
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	144287	20.00	ng	-0.01
21) Naphthalene-d8	11.098	136	563864	20.00	ng	#-0.02
39) Acenaphthene-d10	14.898	164	323689	20.00	ng	-0.01
64) Phenanthrene-d10	17.645	188	564476	20.00	ng	# 0.00
76) Chrysene-d12	21.663	240	607112	20.00	ng	-0.01
86) Perylene-d12	24.127	264	641699	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	8274	0.96	ng	0.00
7) Phenol-d6	7.452	99	11269	0.91	ng	0.00
23) Nitrobenzene-d5	9.434	82	9245	0.80	ng	-0.01
42) 2,4,6-Tribromophenol	16.392	330	4481	1.11	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	22620	0.98	ng	-0.02
79) Terphenyl-d14	20.133	244	31220	0.99	ng	0.00
Target Compounds						
71) Phenanthrene	17.686	178	74422	2.35	ng	# 1

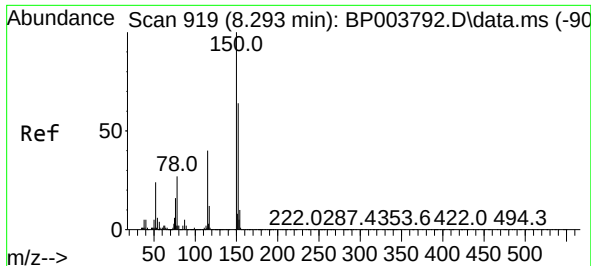
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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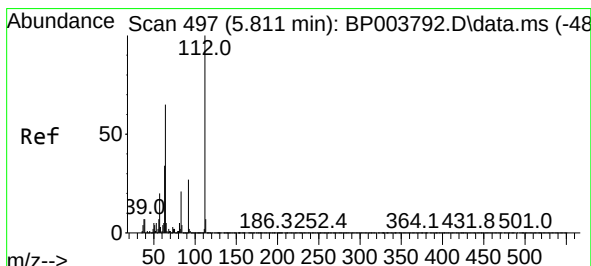
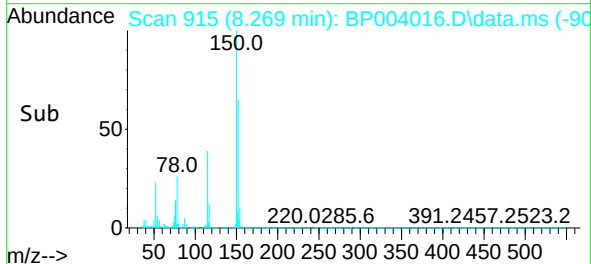
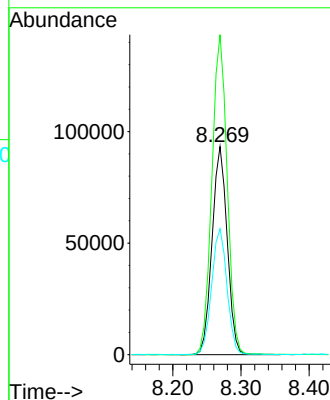
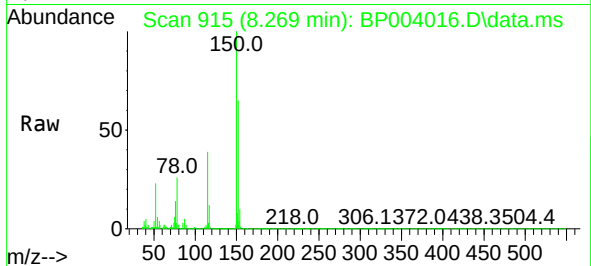




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.012 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

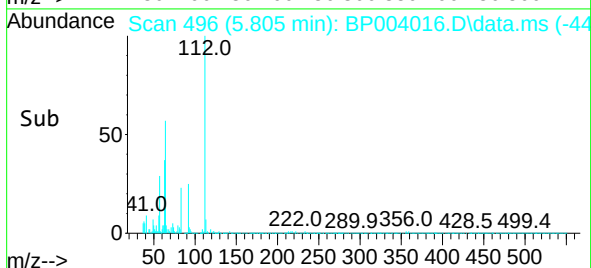
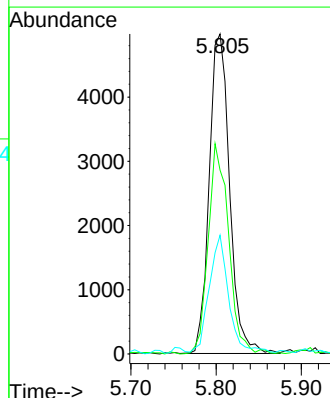
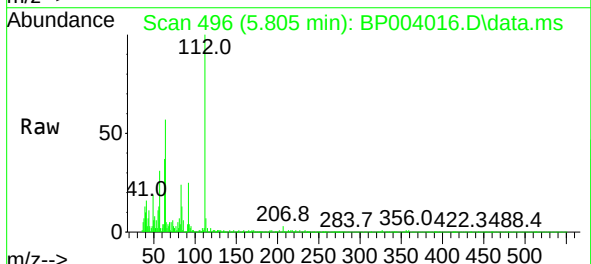
Instrument :
BNA_P
ClientSampleId :
1608

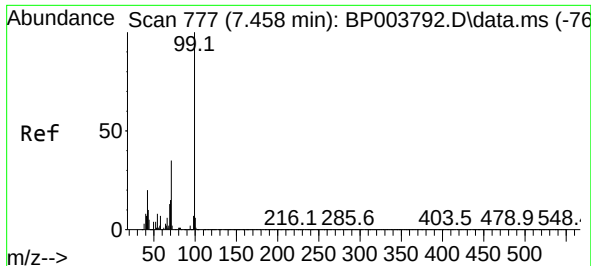
Tgt Ion:152 Resp: 144287
Ion Ratio Lower Upper
152 100
150 153.7 123.8 185.6
115 60.5 43.8 65.6



#5
2-Fluorophenol
Concen: 0.96 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.000 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

Tgt Ion:112 Resp: 8274
Ion Ratio Lower Upper
112 100
64 57.4 32.8 49.2#
63 37.1 17.0 25.4#

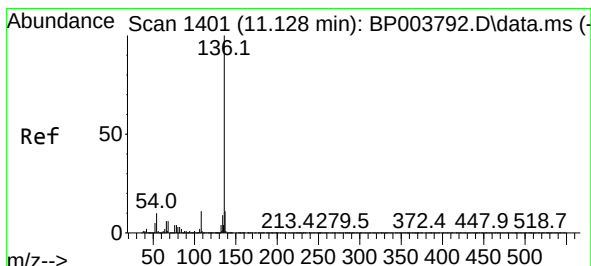
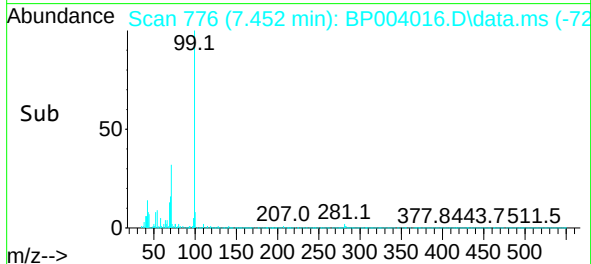
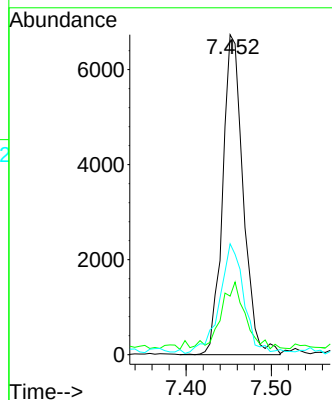
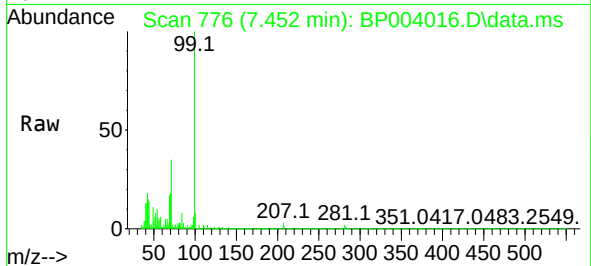




#7
Phenol-d6
Concen: 0.91 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

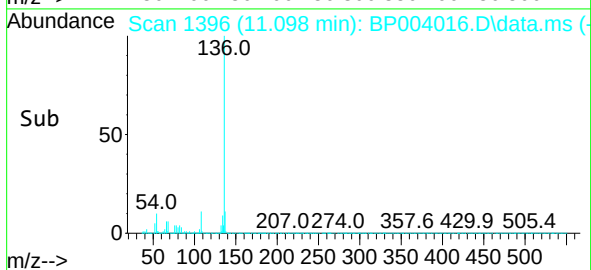
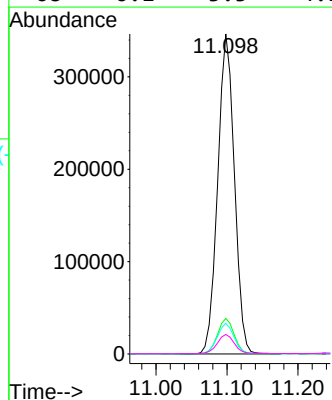
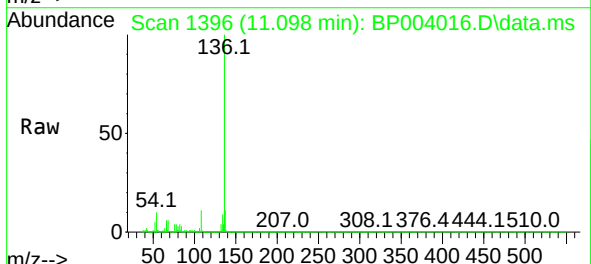
Instrument :
BNA_P
ClientSampleId :
1608

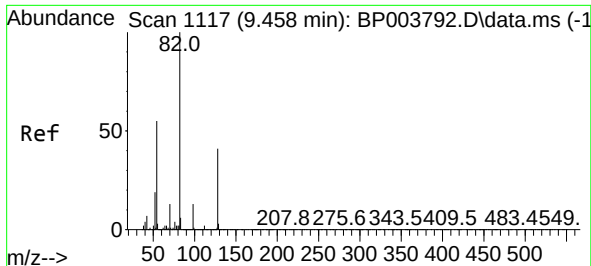
Tgt Ion: 99 Resp: 11269
Ion Ratio Lower Upper
99 100
42 18.3 8.6 13.0#
71 34.7 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.098 min Scan# 1396
Delta R.T. -0.018 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

Tgt Ion: 136 Resp: 563864
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.6 3.6 5.4#
68 6.1 3.3 4.9#

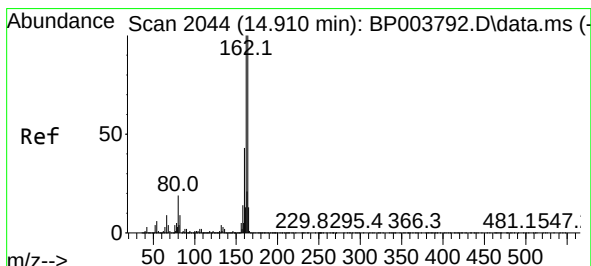
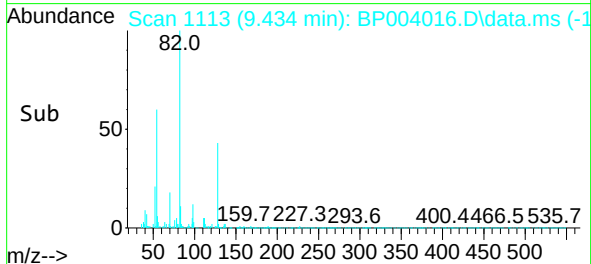
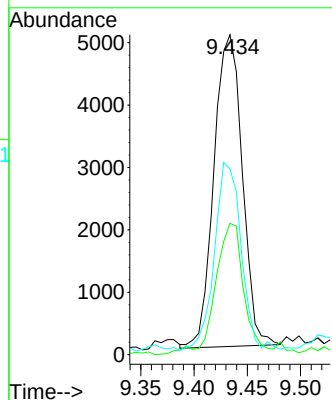
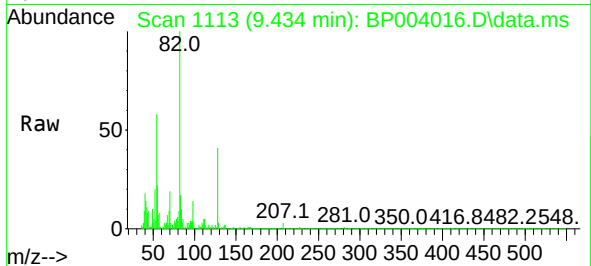




#23
Nitrobenzene-d5
Concen: 0.80 ng
RT: 9.434 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

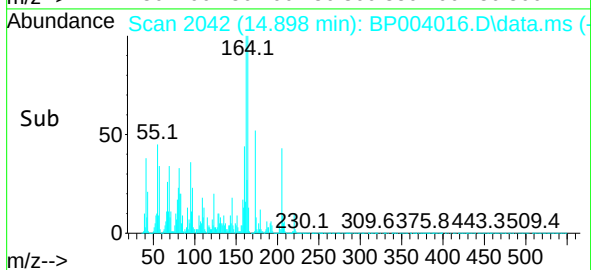
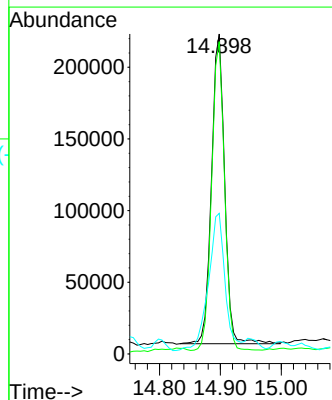
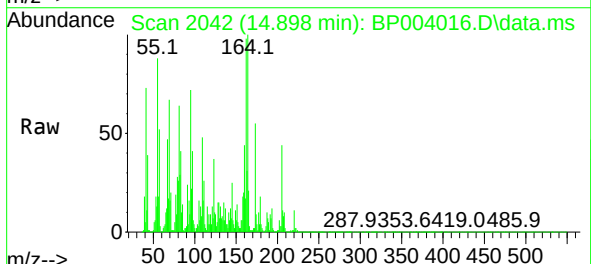
Instrument :
BNA_P
ClientSampled :
1608

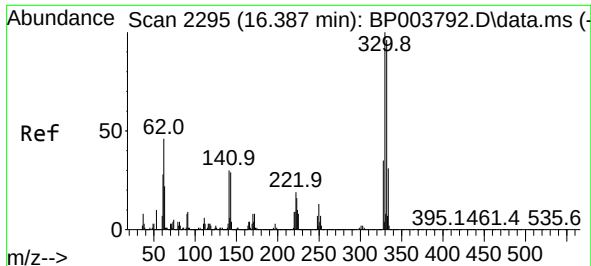
Tgt Ion: 82 Resp: 9245
Ion Ratio Lower Upper
82 100
128 41.0 45.6 68.4#
54 58.0 30.1 45.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.898 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

Tgt Ion: 164 Resp: 323689
Ion Ratio Lower Upper
164 100
162 97.6 79.4 119.2
160 44.0 36.1 54.1

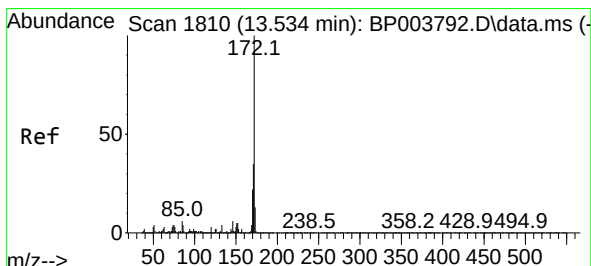
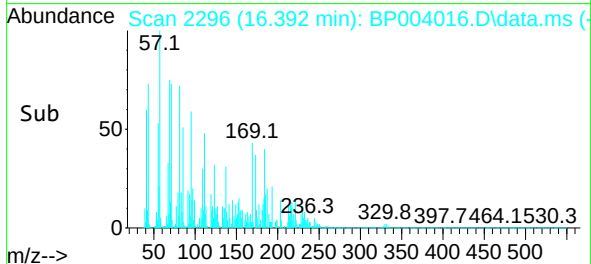
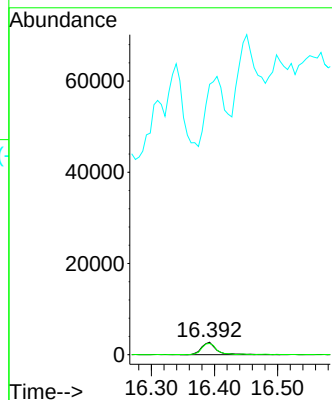
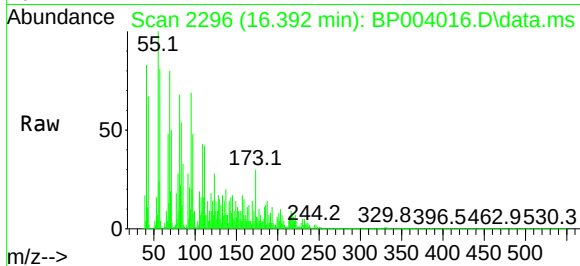




#42
2,4,6-Tribromophenol
Concen: 1.11 ng
RT: 16.392 min Scan# 2296
Delta R.T. -0.000 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

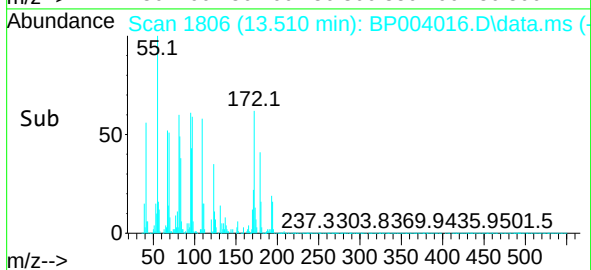
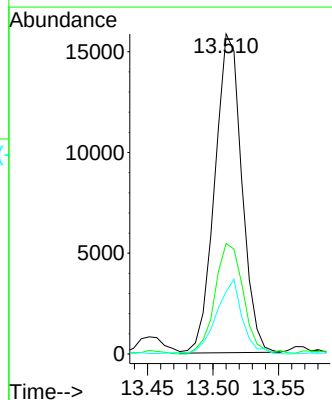
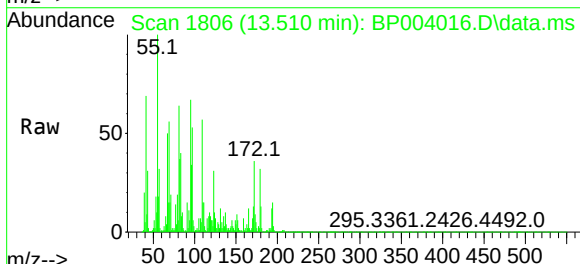
Instrument :
BNA_P
ClientSampleId :
1608

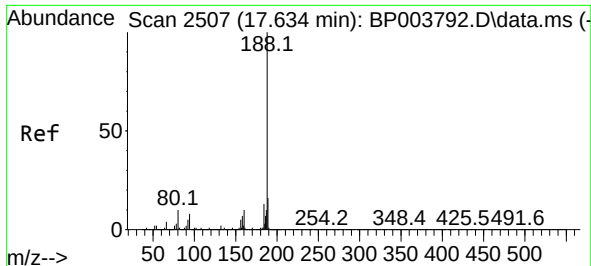
Tgt Ion:330 Resp: 4481
Ion Ratio Lower Upper
330 100
332 87.7 77.1 115.7
141 711.6 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 0.98 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.018 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

Tgt Ion:172 Resp: 22620
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 19.5 19.2 28.8

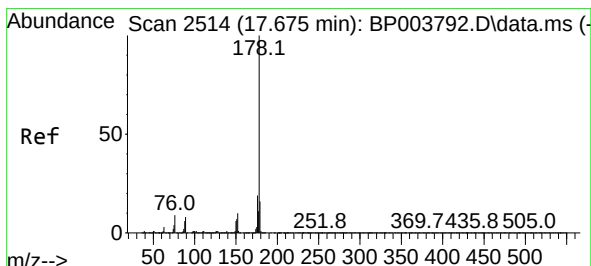
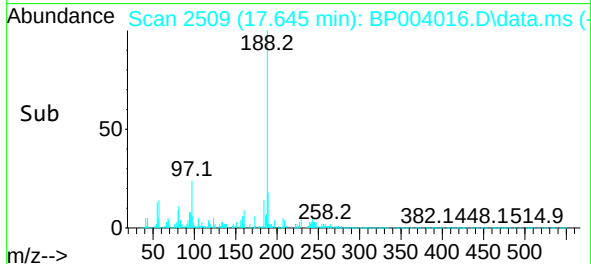
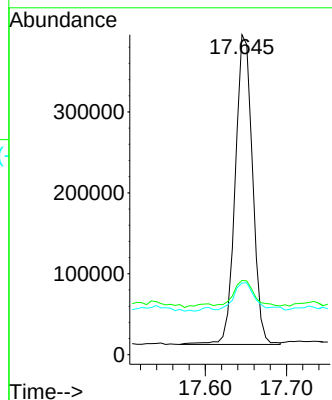
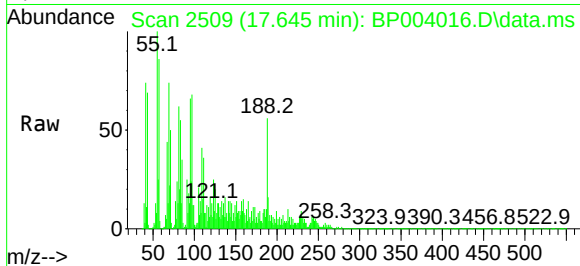




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.645 min Scan# 2509
Delta R.T. 0.006 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

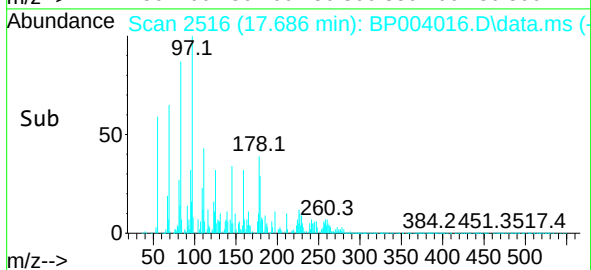
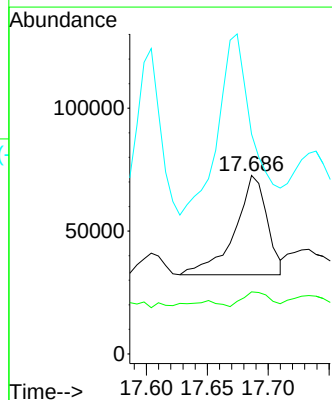
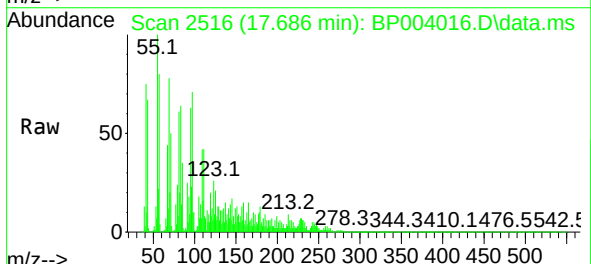
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BNA_P
ClientSampled :
1608

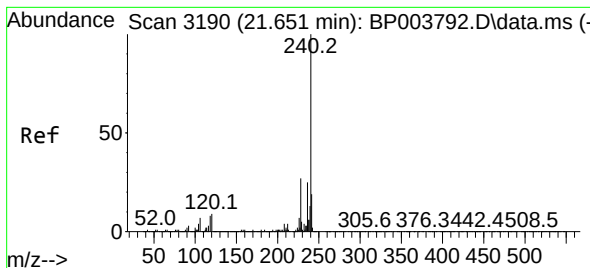
Tgt Ion:188 Resp: 564476
Ion Ratio Lower Upper
188 100
94 23.2 6.2 9.2#
80 22.4 6.2 9.2#



#71
Phenanthrene
Concen: 2.35 ng
RT: 17.686 min Scan# 2516
Delta R.T. 0.006 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

Tgt Ion:178 Resp: 74422
Ion Ratio Lower Upper
178 100
176 34.8 15.3 22.9#
179 123.2 12.5 18.7#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.663 min Scan# 3192

Delta R.T. -0.012 min

Lab File: BP004016.D

Acq: 19 Nov 2020 21:39

Tgt Ion:240 Resp: 607112

Ion Ratio Lower Upper

240 100

120 9.9 7.8 11.6

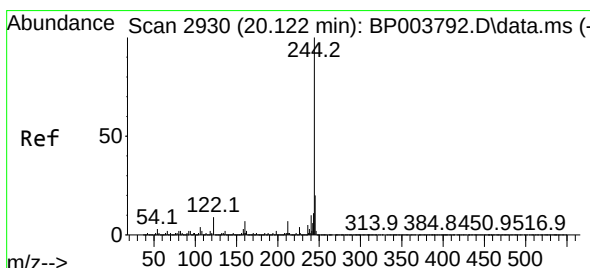
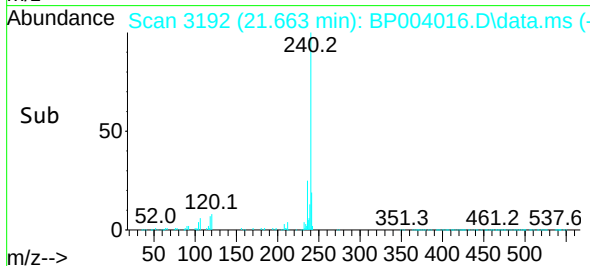
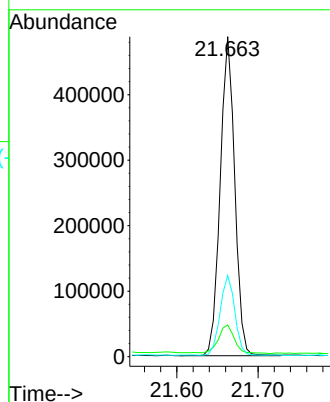
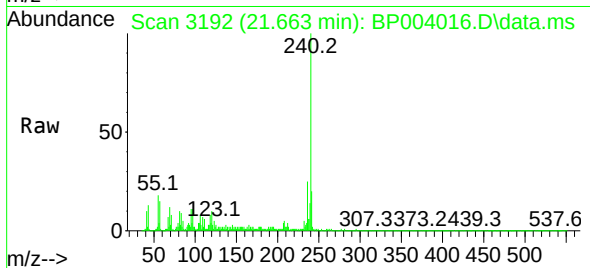
236 25.4 20.8 31.2

Instrument :

BNA_P

ClientSampleId :

1608



#79

Terphenyl-d14

Concen: 0.99 ng

RT: 20.133 min Scan# 2932

Delta R.T. -0.000 min

Lab File: BP004016.D

Acq: 19 Nov 2020 21:39

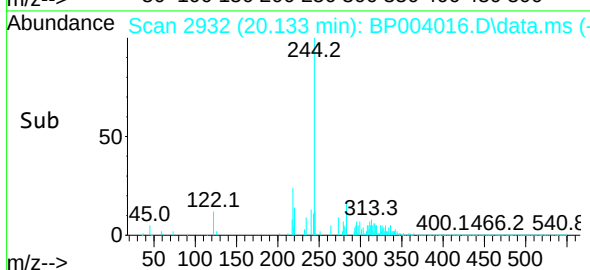
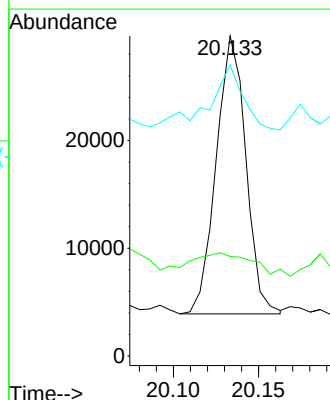
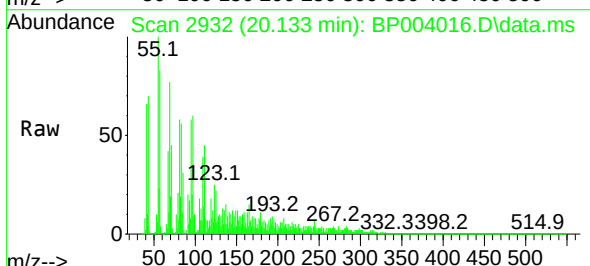
Tgt Ion:244 Resp: 31220

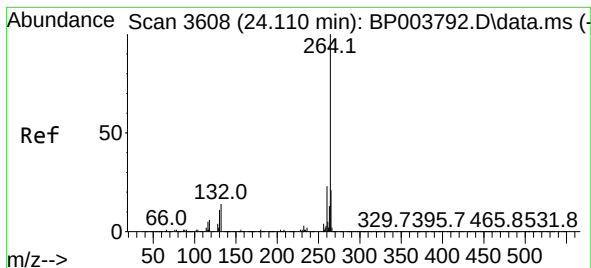
Ion Ratio Lower Upper

244 100

212 31.1 5.8 8.6#

122 91.0 7.8 11.8#





#86

Perylene-d12

Concen: 20.00 ng

RT: 24.127 min Scan# 3611

Delta R.T. -0.029 min

Lab File: BP004016.D

Acq: 19 Nov 2020 21:39

Instrument :

BNA_P

ClientSampleId :

1608

Tgt Ion:264 Resp: 641699

Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 21.7 17.4 26.2

