

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
 Data File : BP003945.D
 Acq On : 12 Nov 2020 18:49
 Operator : CG/JU
 Sample : L4587-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-02-111120

Manual Integrations
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Quant Time: Nov 13 00:16:20 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	150341	20.00	ng	0.00
21) Naphthalene-d8	11.116	136	541633	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	309559	20.00	ng	0.00
64) Phenanthrene-d10	17.634	188	633606	20.00	ng	# 0.00
76) Chrysene-d12	21.669	240	624997	20.00	ng	0.00
86) Perylene-d12	24.157	264	671393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	891472	98.97	ng	0.00
7) Phenol-d6	7.452	99	1131472	87.50	ng	0.00
23) Nitrobenzene-d5	9.446	82	742623	67.15	ng	0.00
42) 2,4,6-Tribromophenol	16.387	330	350684	90.57	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	1432613	64.70	ng	0.00
79) Terphenyl-d14	20.134	244	1866749	57.70	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.328	163	286264	11.83	ng	99
71) Phenanthrene	17.675	178	114585	3.22	ng	98
75) Fluoranthene	19.610	202	239252	5.83	ng	99
78) Pyrene	19.963	202	269432	6.35	ng	97
81) Benzo(a)anthracene	21.651	228	139461	3.38	ng	96
83) Chrysene	21.704	228	146353m	3.70	ng	
88) Benzo(b)fluoranthene	23.398	252	178362m	4.06	ng	
90) Benzo(a)pyrene	24.045	252	136966	3.37	ng	# 92
92) Benzo(g,h,i)perylene	27.504	276	98703	2.53	ng	97

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

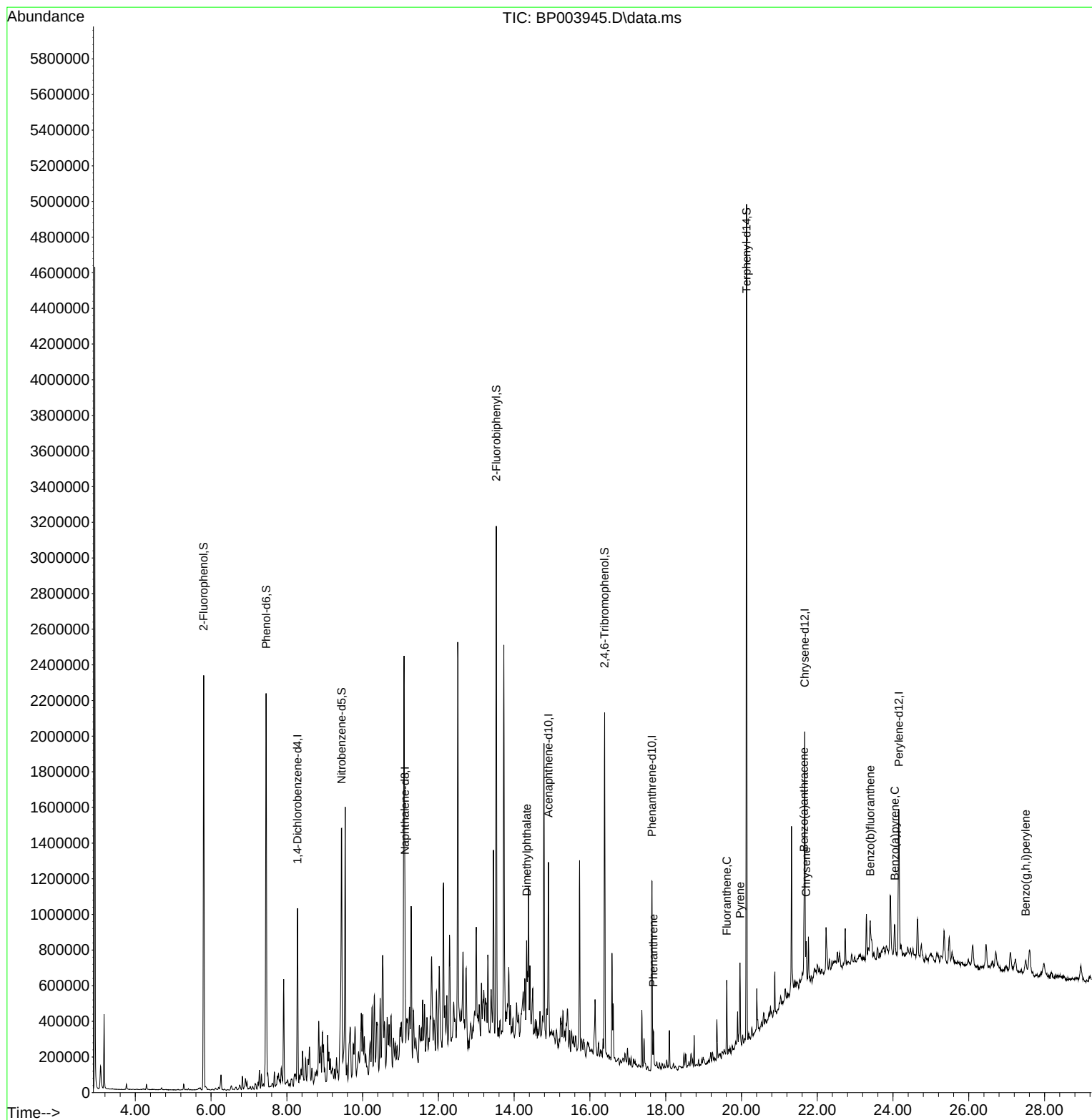
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003945.D
Acq On : 12 Nov 2020 18:49
Operator : CG/JU
Sample : L4587-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

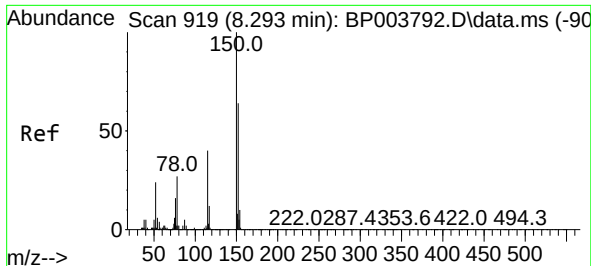
Instrument :
BNA_P
ClientSampleId :
HR-02-111120

Manual Integrations
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Quant Time: Nov 13 00:16:20 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





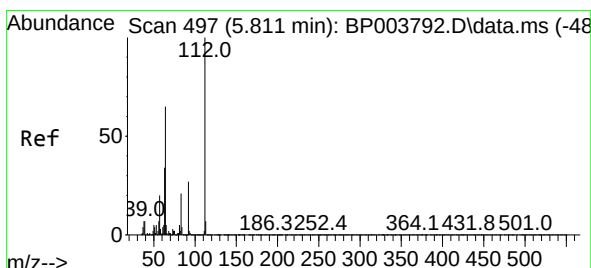
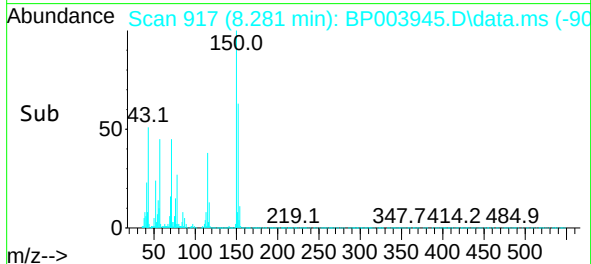
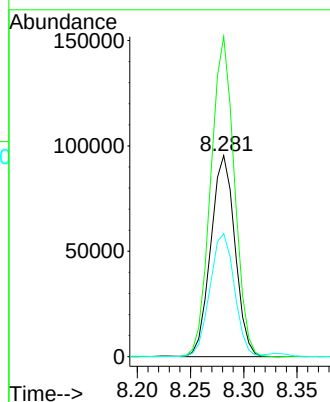
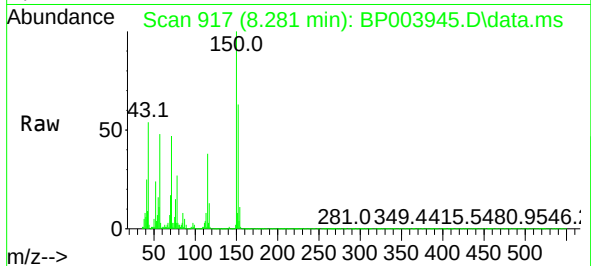
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49

Tgt Ion:152 Resp: 150341
Ion Ratio Lower Upper
152 100
150 159.1 123.8 185.6
115 61.2 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
HR-02-111120

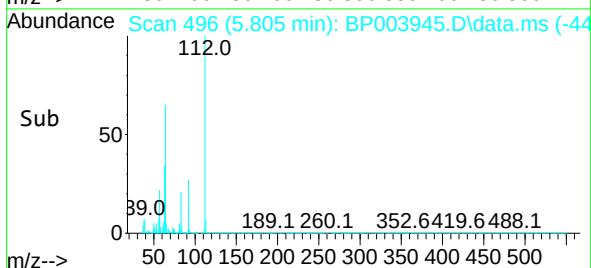
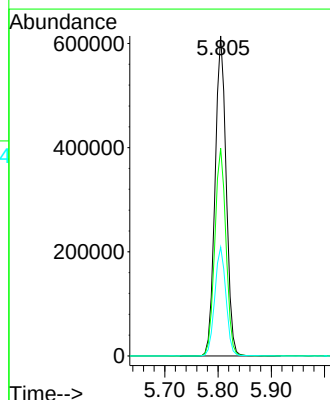
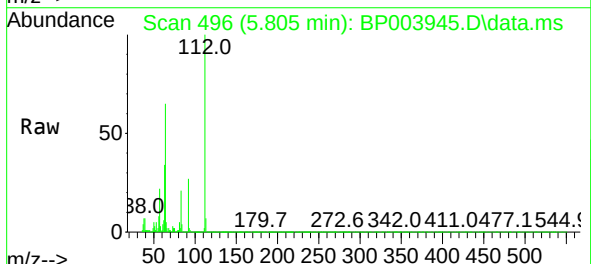
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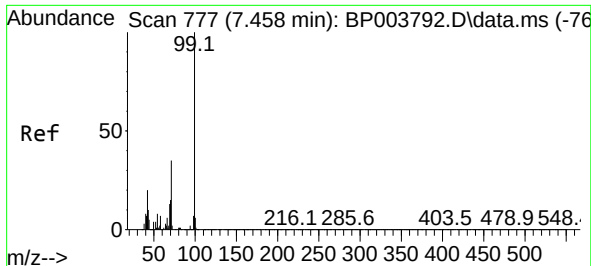
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#5
2-Fluorophenol
Concen: 98.97 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49

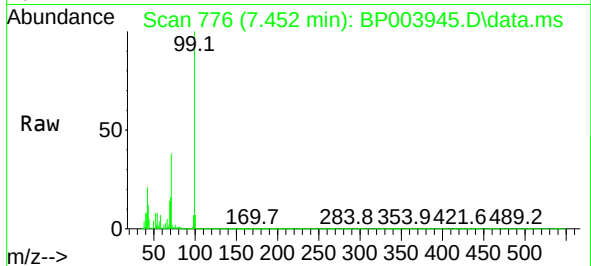
Tgt Ion:112 Resp: 891472
Ion Ratio Lower Upper
112 100
64 64.9 32.8 49.2#
63 34.0 17.0 25.4#





#7
Phenol-d6
Concen: 87.50 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49

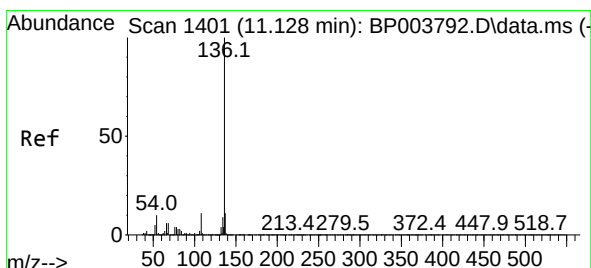
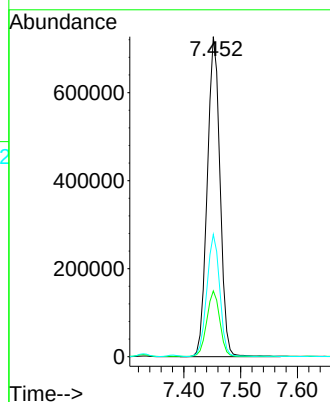
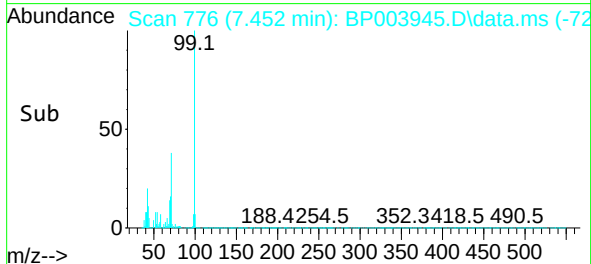
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BNA_P
ClientSampleId :
HR-02-111120



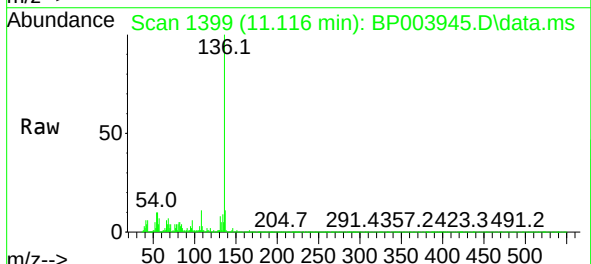
Tgt Ion: 99 Resp: 1131472
Ion Ratio Lower Upper
99 100
42 20.6 8.6 13.0#
71 38.2 23.4 35.2#

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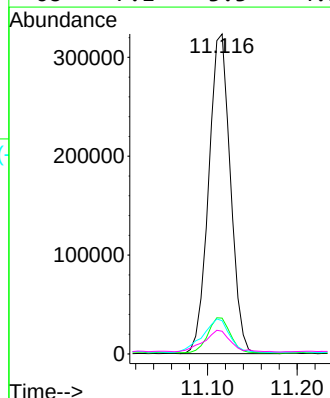
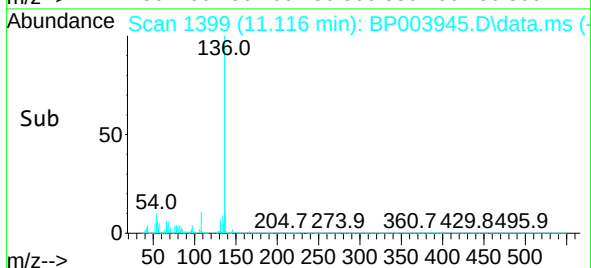
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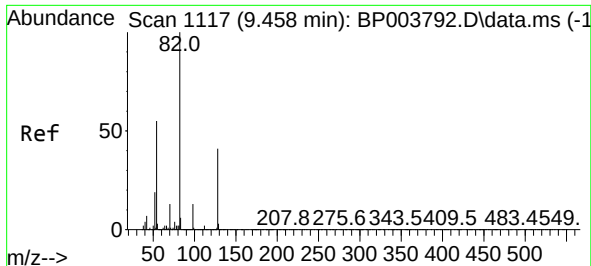


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.116 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49



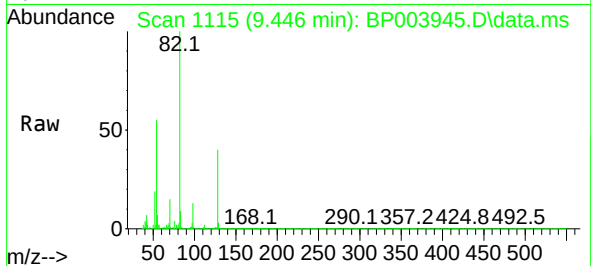
Tgt Ion: 136 Resp: 541633
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.4 3.6 5.4#
68 7.1 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 67.15 ng
RT: 9.446 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49

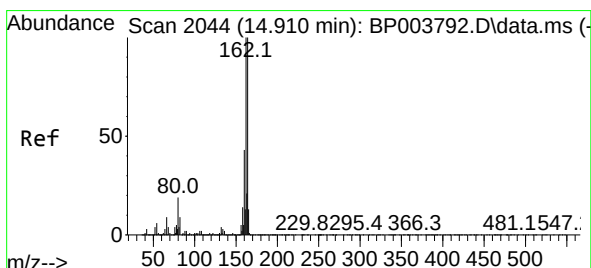
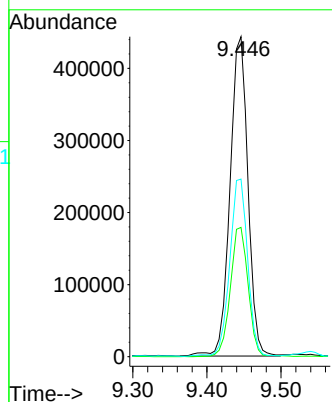
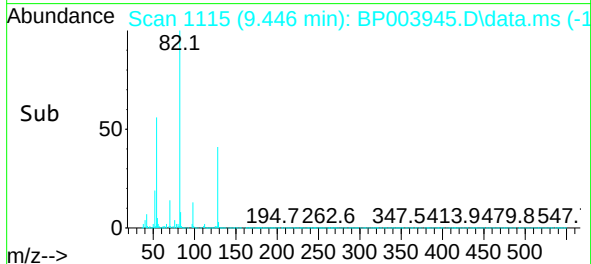
Instrument :
BNA_P
ClientSampleId :
HR-02-111120



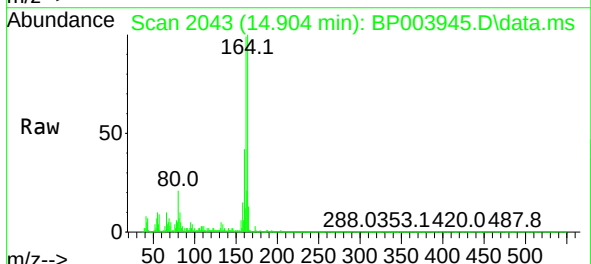
Tgt Ion: 82 Resp: 742623
Ion Ratio Lower Upper
82 100
128 40.4 45.6 68.4#
54 55.5 30.1 45.1#

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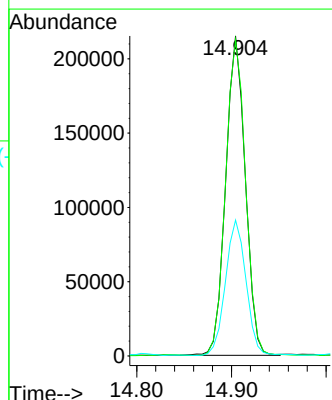
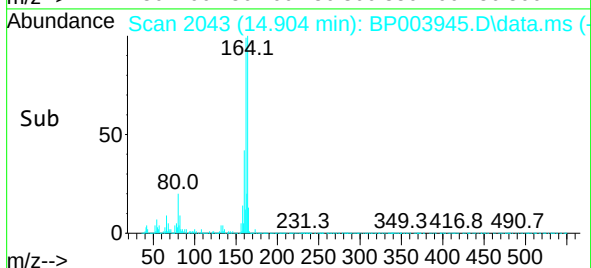
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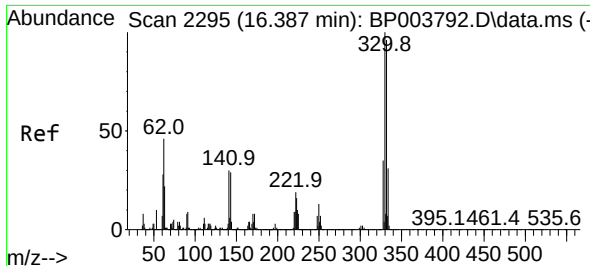


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49



Tgt Ion: 164 Resp: 309559
Ion Ratio Lower Upper
164 100
162 99.0 79.4 119.2
160 42.5 36.1 54.1





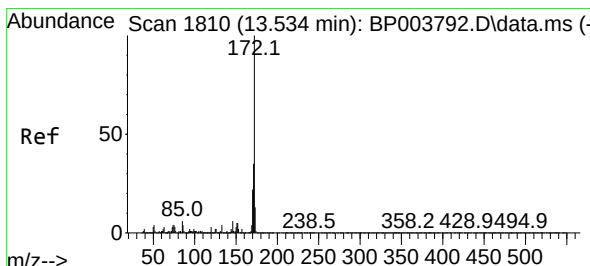
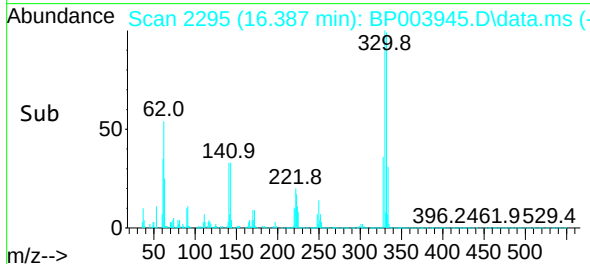
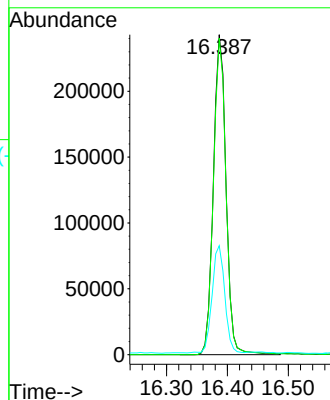
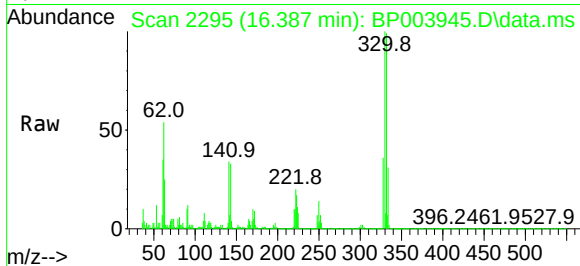
#42
2,4,6-Tribromophenol
Concen: 90.57 ng
RT: 16.387 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49

Tgt Ion:330 Resp: 350684
Ion Ratio Lower Upper
330 100
332 99.0 77.1 115.7
141 33.5 23.4 35.2

Instrument :
BNA_P
ClientSampleId :
HR-02-111120

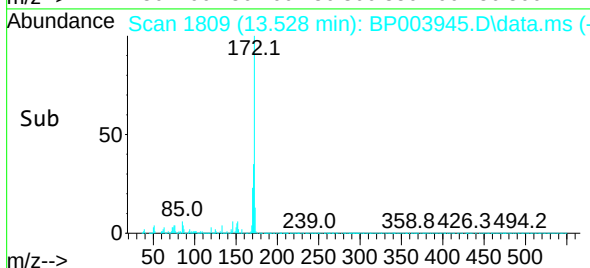
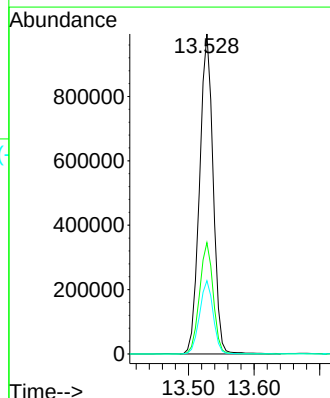
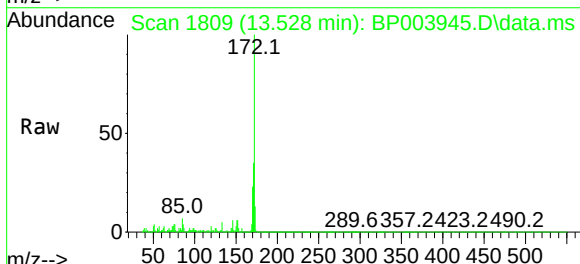
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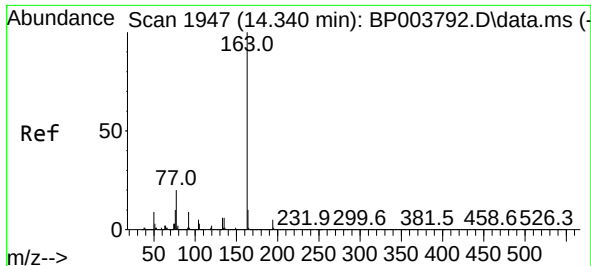
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#45
2-Fluorobiphenyl
Concen: 64.70 ng
RT: 13.528 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49

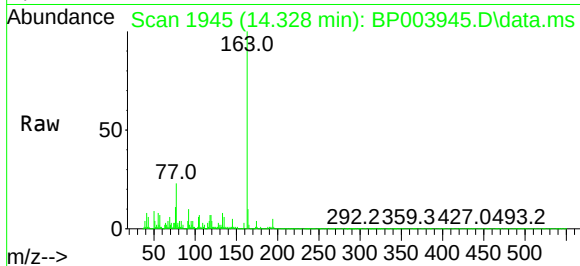
Tgt Ion:172 Resp: 1432613
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.9 19.2 28.8





#50
Dimethylphthalate
Concen: 11.83 ng
RT: 14.328 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49

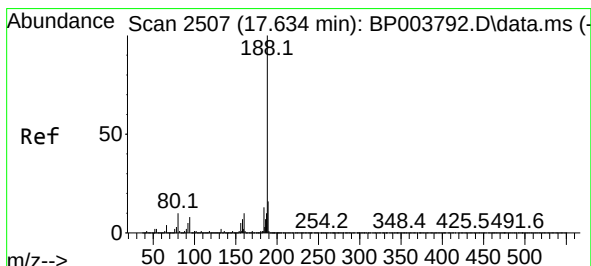
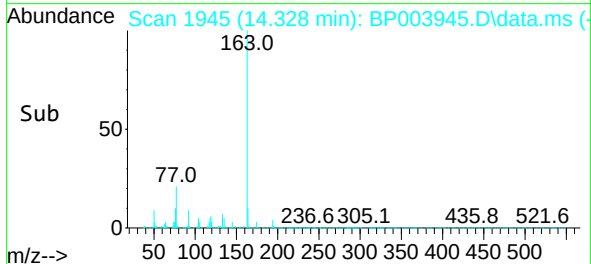
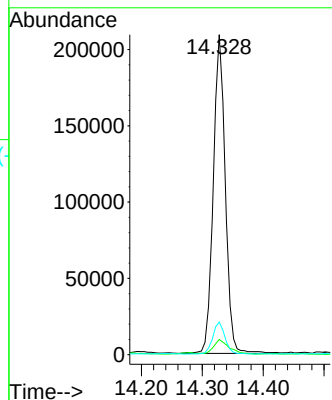
Instrument :
BNA_P
ClientSampleId :
HR-02-111120



Tgt Ion:163 Resp: 286264
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 10.2 8.2 12.2

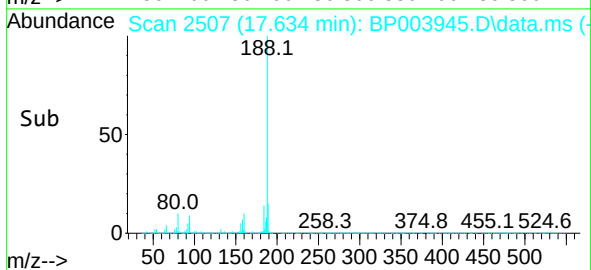
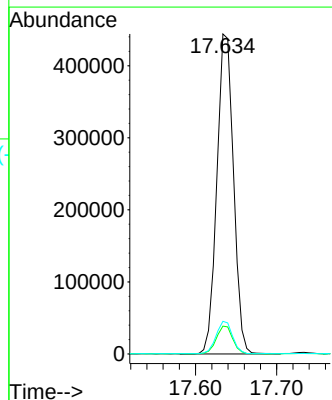
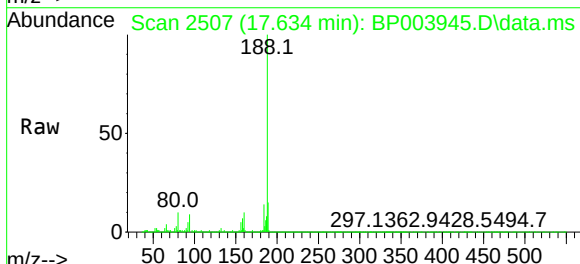
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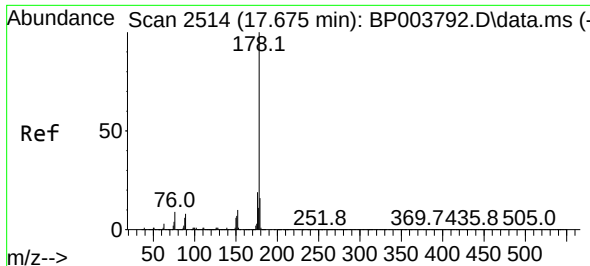
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.634 min Scan# 2507
Delta R.T. -0.006 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49

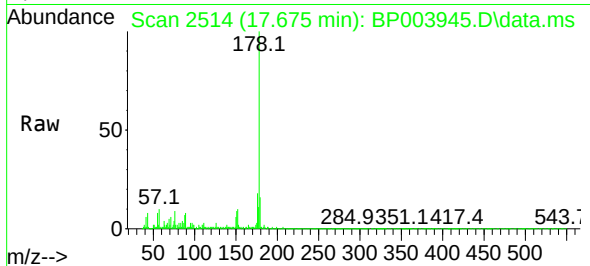
Tgt Ion:188 Resp: 633606
Ion Ratio Lower Upper
188 100
94 8.7 6.2 9.2
80 10.2 6.2 9.2#





#71
Phenanthrene
Concen: 3.22 ng
RT: 17.675 min Scan# 2514
Delta R.T. -0.006 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49

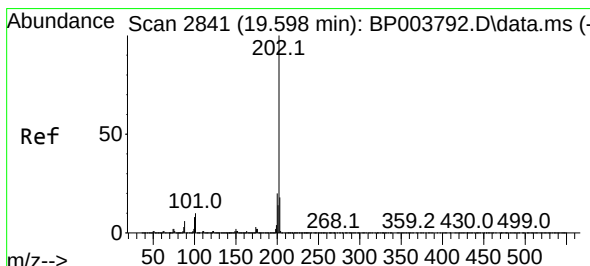
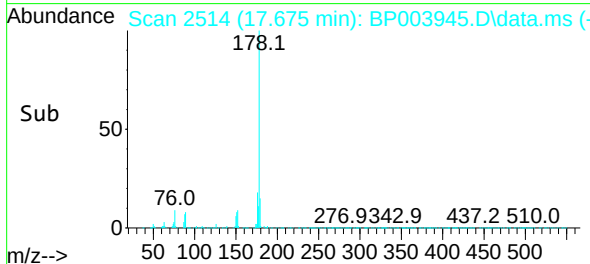
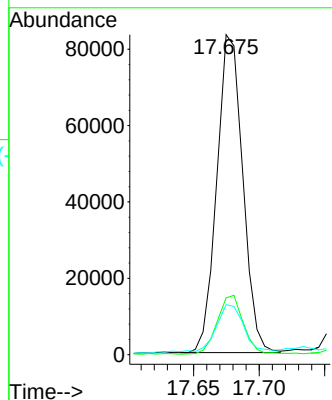
Instrument :
BNA_P
ClientSampleId :
HR-02-111120



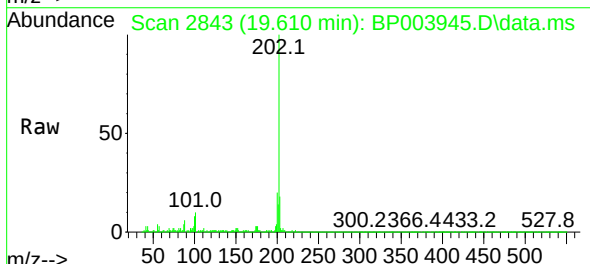
Tgt Ion:178 Resp: 114585
Ion Ratio Lower Upper
178 100
176 17.7 15.3 22.9
179 15.7 12.5 18.7

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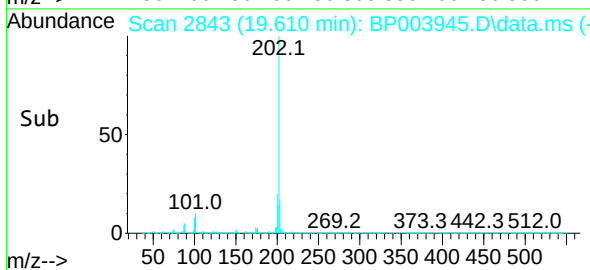
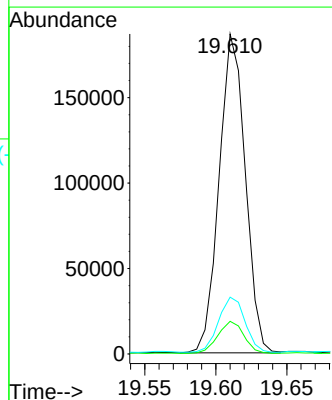
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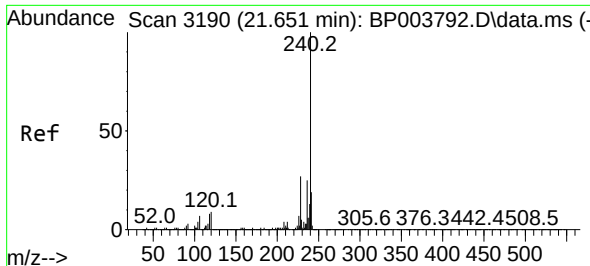


#75
Fluoranthene
Concen: 5.83 ng
RT: 19.610 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49



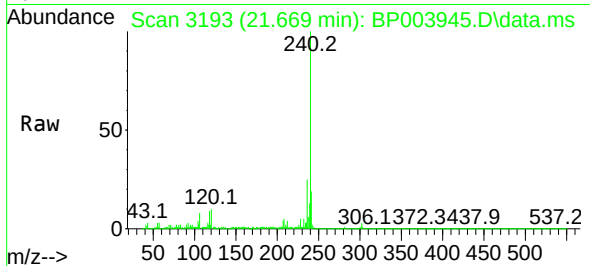
Tgt Ion:202 Resp: 239252
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.4
203 17.7 0.0 37.8





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.669 min Scan# 3193
Delta R.T. -0.006 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49

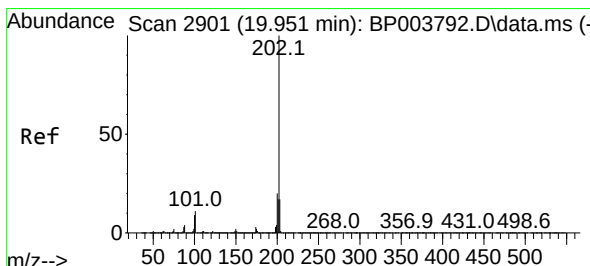
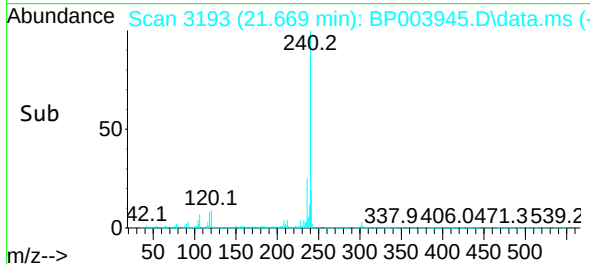
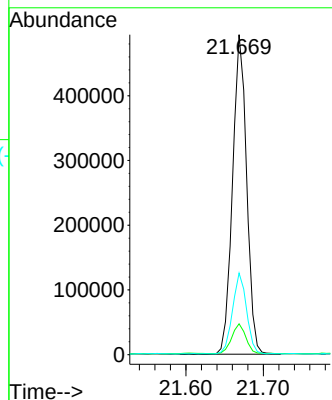
Instrument :
BNA_P
ClientSampleId :
HR-02-111120



Tgt Ion:240 Resp: 624997
Ion Ratio Lower Upper
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120 9.7 7.8 11.6
236 25.5 20.8 31.2

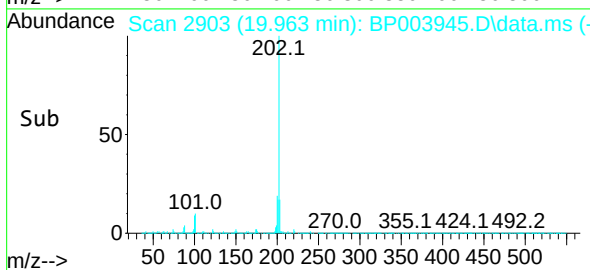
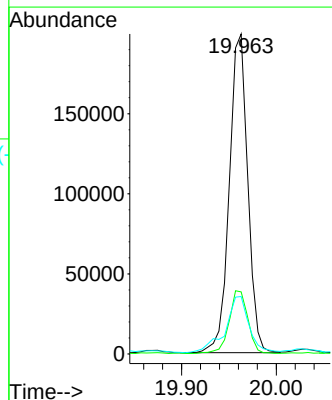
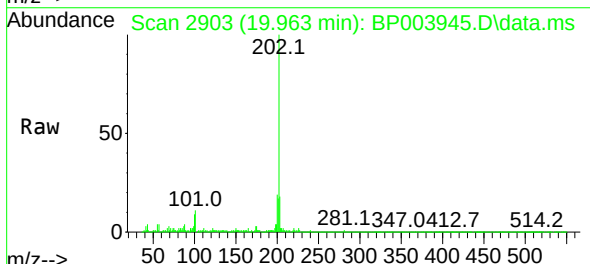
Manual Integrations
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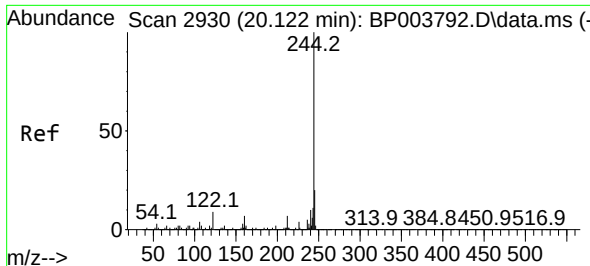
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#78
Pyrene
Concen: 6.35 ng
RT: 19.963 min Scan# 2903
Delta R.T. 0.000 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49

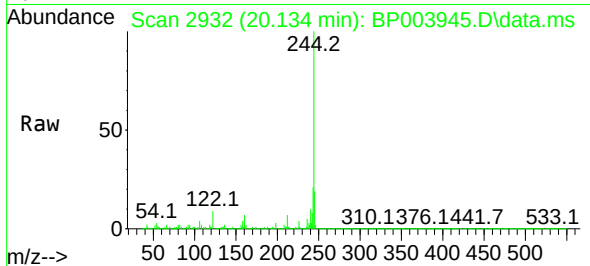
Tgt Ion:202 Resp: 269432
Ion Ratio Lower Upper
202 100
200 19.4 17.1 25.7
203 18.0 14.2 21.2





#79
Terphenyl-d14
Concen: 57.70 ng
RT: 20.134 min Scan# 2932
Delta R.T. 0.000 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49

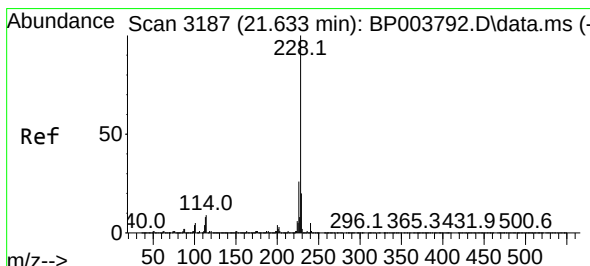
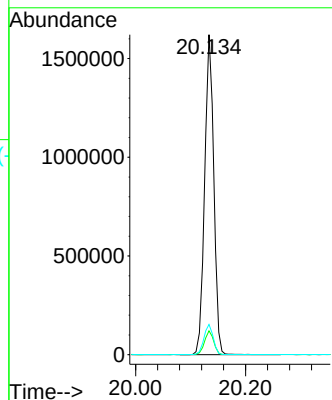
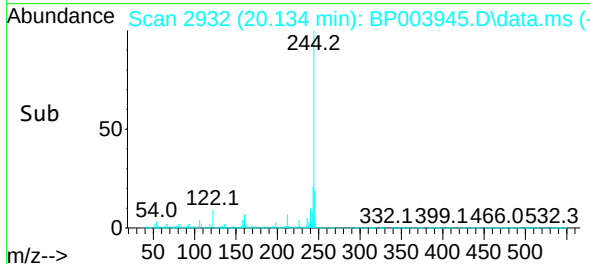
Instrument :
BNA_P
ClientSampleId :
HR-02-111120



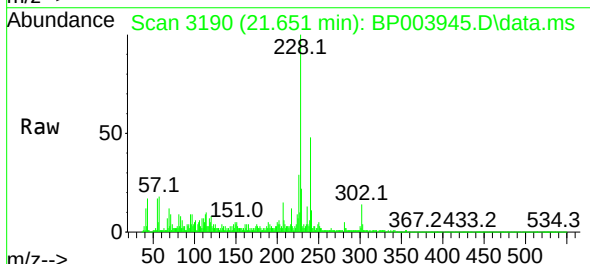
Tgt Ion:244 Resp: 1866749
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.5 7.8 11.8

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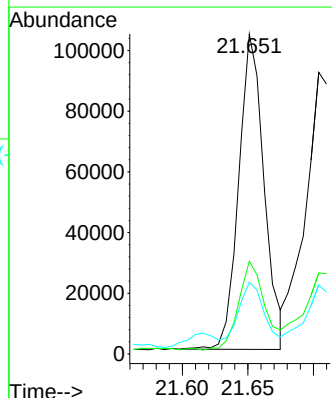
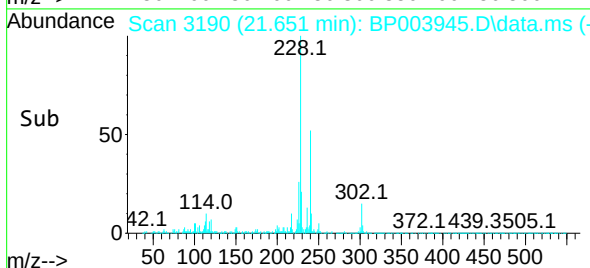
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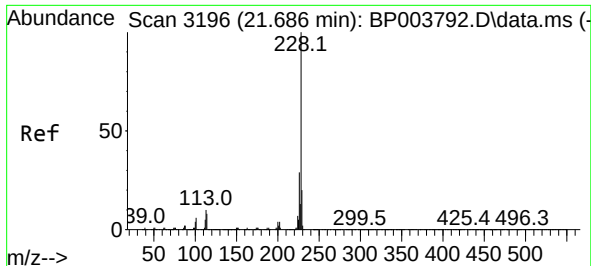


#81
Benzo(a)anthracene
Concen: 3.38 ng
RT: 21.651 min Scan# 3190
Delta R.T. -0.006 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49



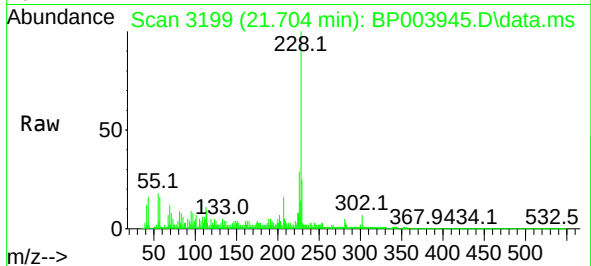
Tgt Ion:228 Resp: 139461
Ion Ratio Lower Upper
228 100
226 28.9 22.1 33.1
229 22.4 15.9 23.9





#83
Chrysene
Concen: 3.70 ng m
RT: 21.704 min Scan# 3199
Delta R.T. -0.012 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49

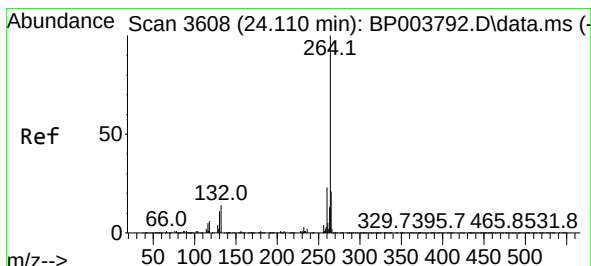
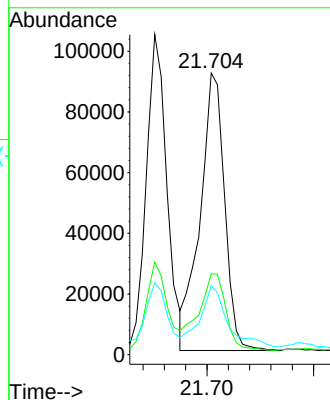
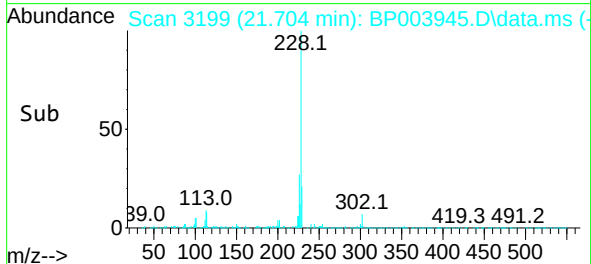
Instrument :
BNA_P
ClientSampleId :
HR-02-111120



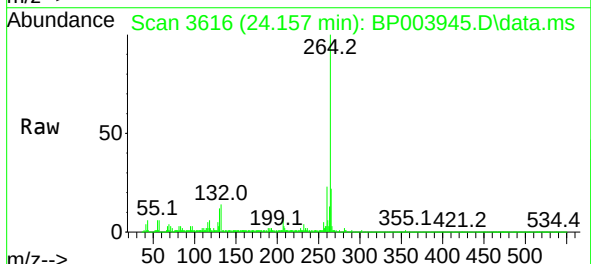
Tgt Ion:228 Resp: 146353
Ion Ratio Lower Upper
228 100
226 28.7 24.4 36.6
229 24.5 15.8 23.6#

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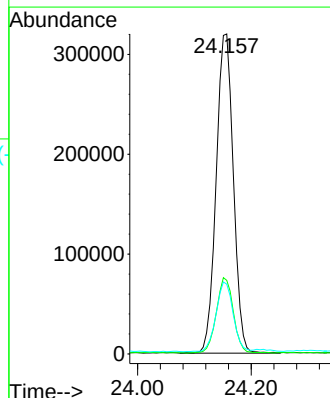
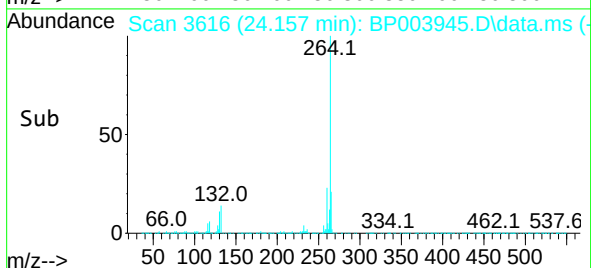
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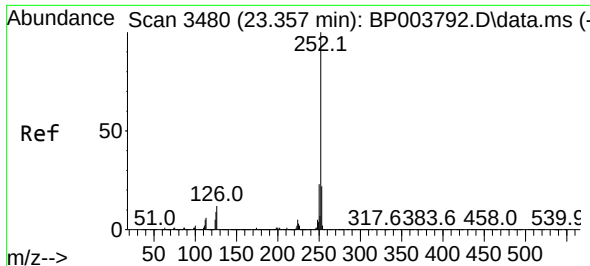


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.157 min Scan# 3616
Delta R.T. 0.000 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49



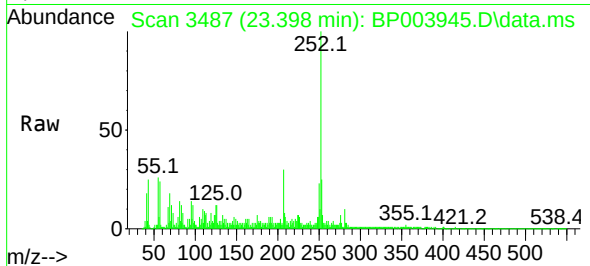
Tgt Ion:264 Resp: 671393
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 21.8 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 4.06 ng m
RT: 23.398 min Scan# 3487
Delta R.T. -0.006 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49

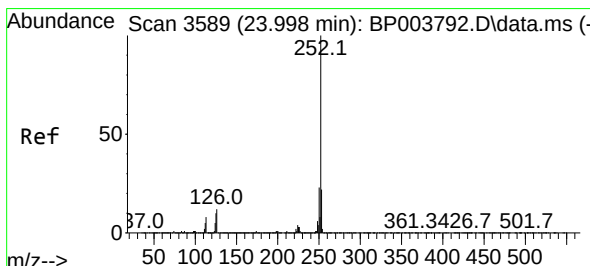
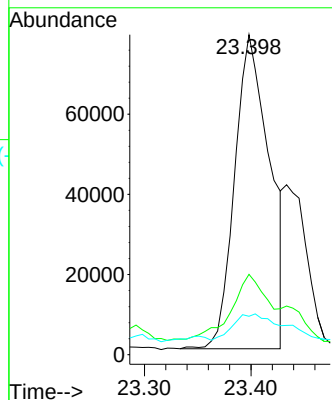
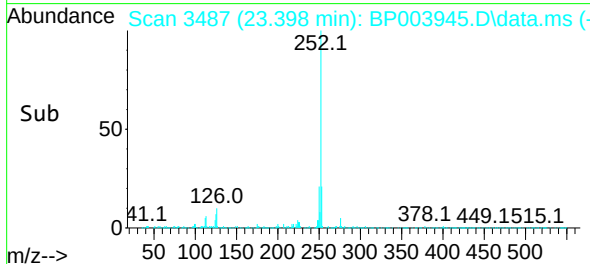
Instrument :
BNA_P
ClientSampleId :
HR-02-111120



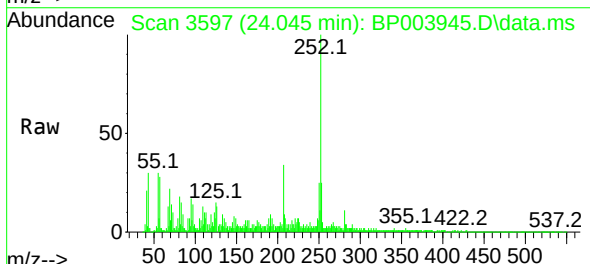
Tgt Ion:252 Resp: 178362
Ion Ratio Lower Upper
252 100
253 25.1 17.6 26.4
125 12.0 7.3 10.9#

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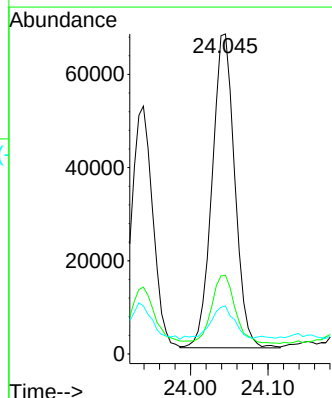
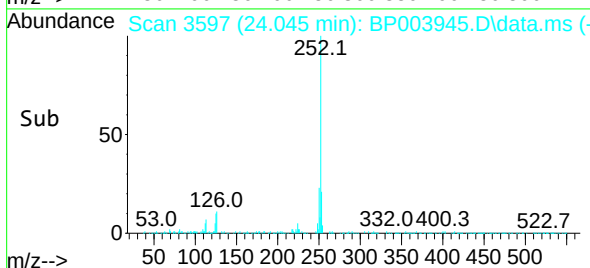
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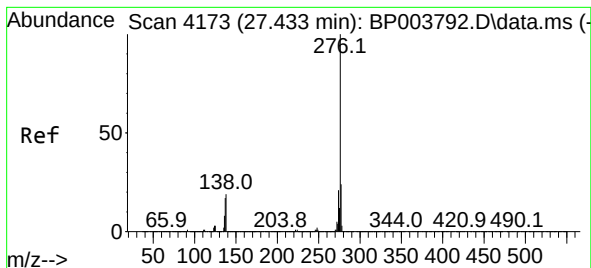


#90
Benzo(a)pyrene
Concen: 3.37 ng
RT: 24.045 min Scan# 3597
Delta R.T. -0.006 min
Lab File: BP003945.D
Acq: 12 Nov 2020 18:49



Tgt Ion:252 Resp: 136966
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.0
125 15.0 8.2 12.4#





#92

Benzo(g,h,i)perylene

Concen: 2.53 ng

RT: 27.504 min Scan# 4185

Delta R.T. -0.017 min

Lab File: BP003945.D

Acq: 12 Nov 2020 18:49

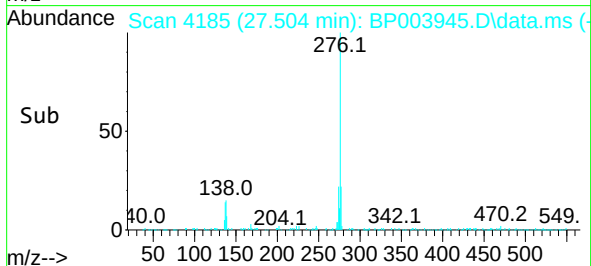
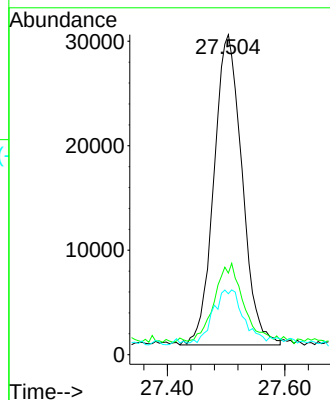
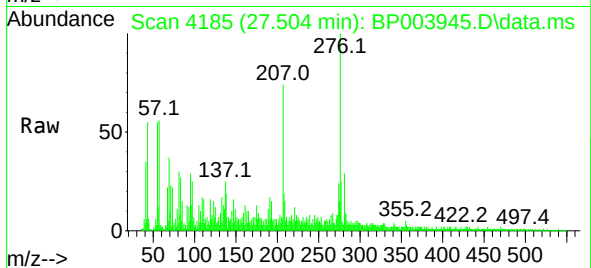
Tgt Ion: 276 Resp: 98703

Ion Ratio Lower Upper

276 100

277 25.5 19.0 28.6

138 19.1 16.6 24.8



Instrument :

BNA_P

ClientSampleId :

HR-02-111120

Manual Integrations

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