

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
 Data File : BP003460.D
 Acq On : 02 Oct 2020 15:15
 Operator : CG/JU
 Sample : L4198-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-21

Manual Integrations
 APPROVED

mohammad
 10/5/2020 10:28:23 AM

Quant Time: Oct 02 16:37:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 02 11:17:24 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	110057	20.00	ng	0.00
21) Naphthalene-d8	10.304	136	450581	20.00	ng	# 0.00
39) Acenaphthene-d10	14.186	164	274840	20.00	ng	0.00
64) Phenanthrene-d10	16.945	188	593985	20.00	ng	# 0.00
76) Chrysene-d12	21.045	240	650461	20.00	ng	0.00
86) Perylene-d12	23.233	264	670515	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.146	112	526805	83.58	ng	0.00
7) Phenol-d6	6.734	99	673065	80.12	ng	0.00
23) Nitrobenzene-d5	8.681	82	467687	60.98	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	246438	58.79	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	1022601	54.42	ng	0.00
79) Terphenyl-d14	19.527	244	1500152	48.05	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.657	163	101365	4.62	ng	98
71) Phenanthrene	16.986	178	170686	5.28	ng	100
75) Fluoranthene	18.974	202	353287	8.69	ng	97
78) Pyrene	19.327	202	289609	7.14	ng	99
81) Benzo(a)anthracene	21.033	228	148469	3.53	ng	99
83) Chrysene	21.086	228	174697m	4.32	ng	
87) Indeno(1,2,3-cd)pyrene	25.450	276	109261	2.15	ng	95
88) Benzo(b)fluoranthene	22.580	252	253109	5.98	ng	98
89) Benzo(k)fluoranthene	22.621	252	85935m	2.12	ng	
90) Benzo(a)pyrene	23.139	252	154870	3.88	ng	97
92) Benzo(g,h,i)perylene	26.133	276	102943	2.46	ng	99

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

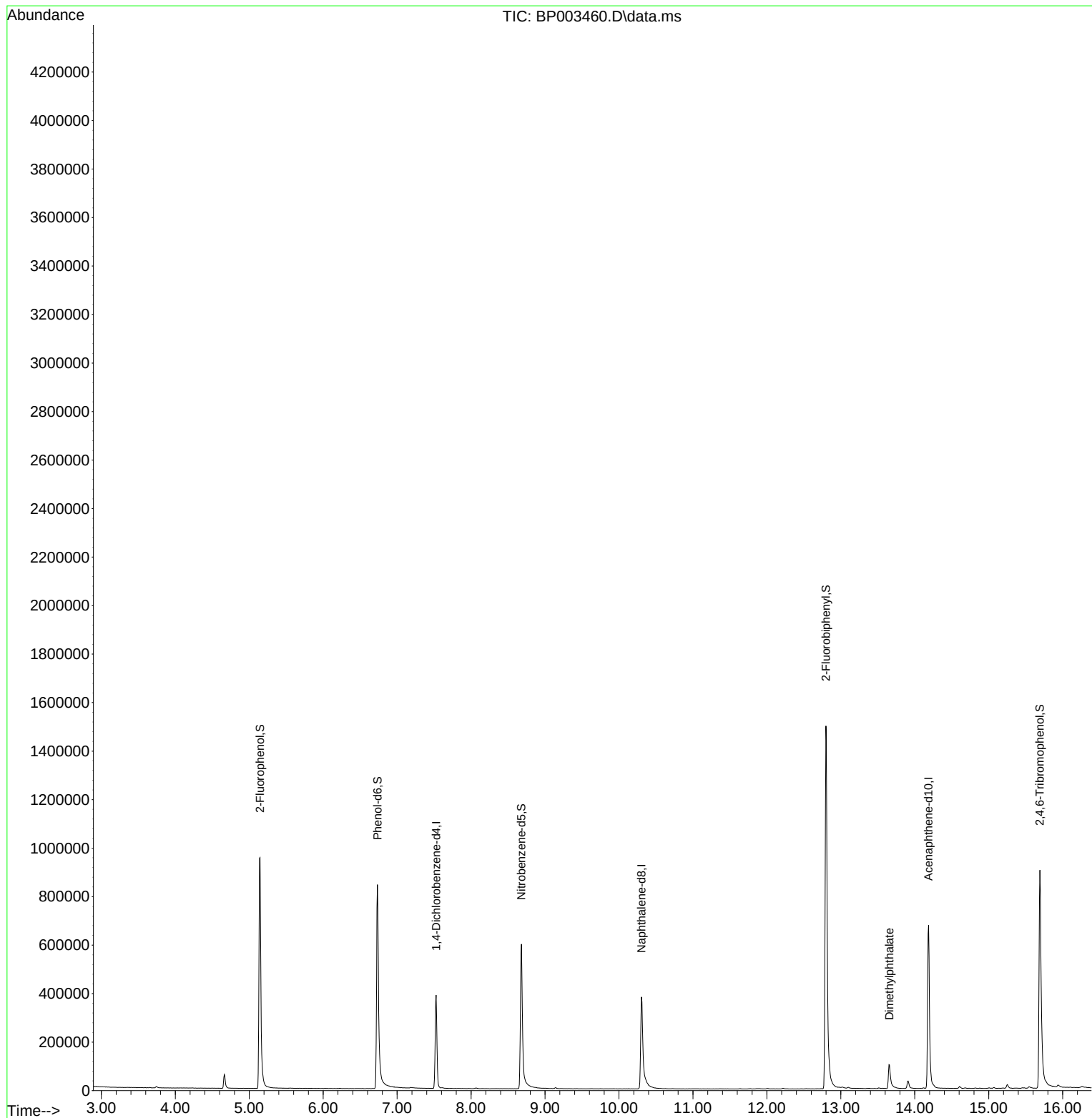
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
Data File : BP003460.D
Acq On : 02 Oct 2020 15:15
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 11:17:24 2020
Response via : Initial Calibration



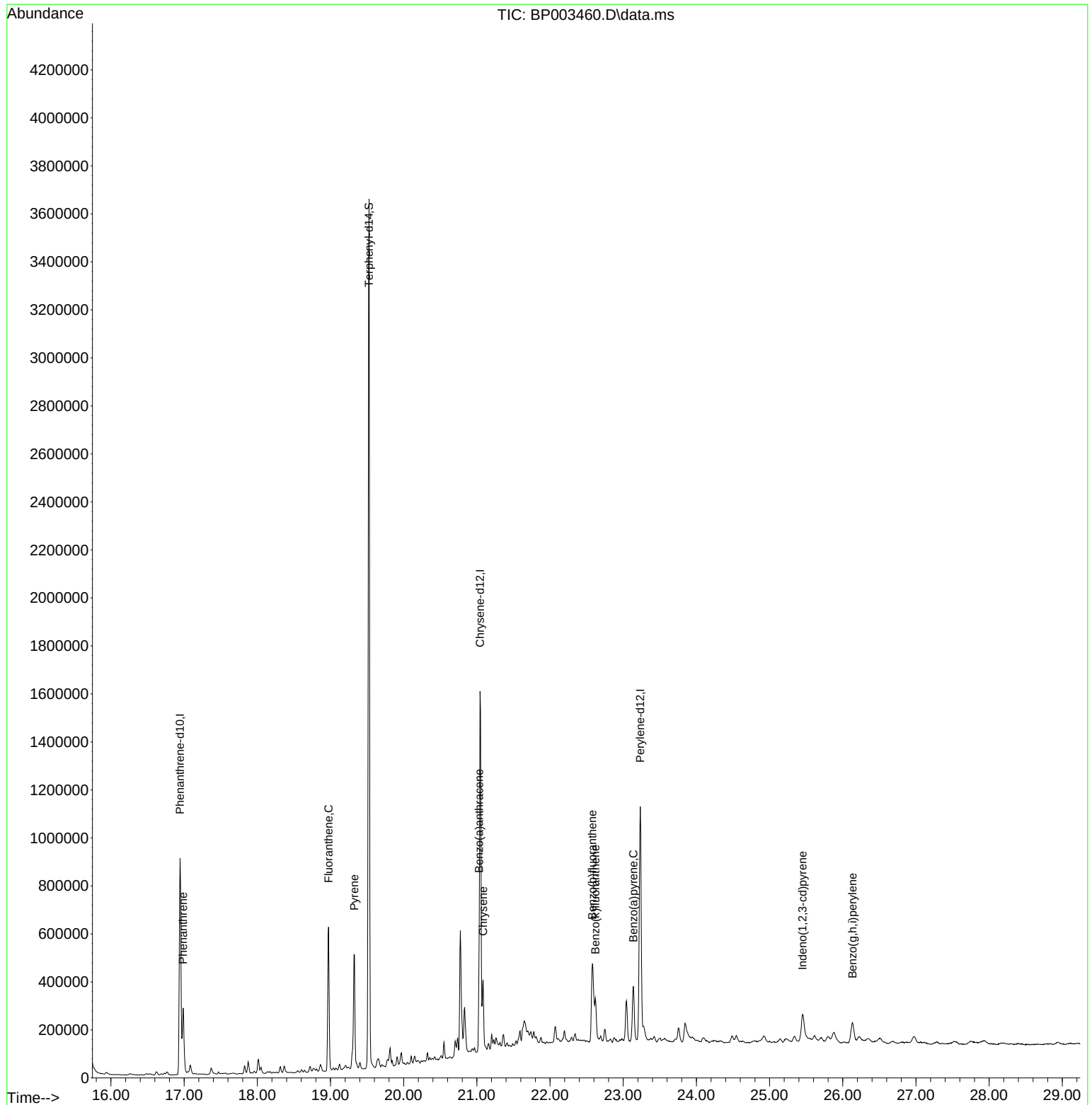
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
Data File : BP003460.D
Acq On : 02 Oct 2020 15:15
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Misc :
ALS Vial : 8 Sample Multiplier: 1

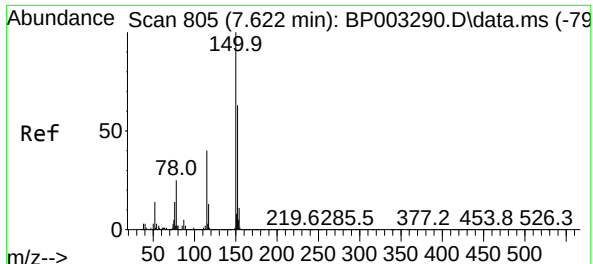
Instrument :
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Manual Integrations
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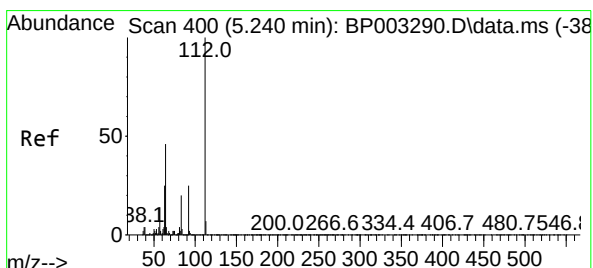
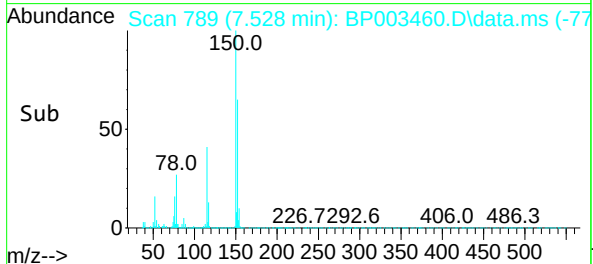
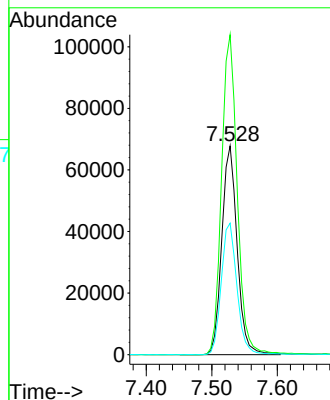
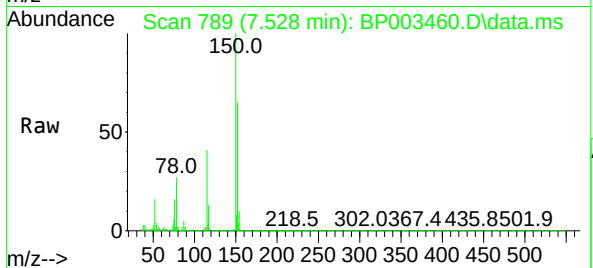
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.528 min Scan# 789
Delta R.T. -0.000 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15

Tgt Ion:152 Resp: 110057
Ion Ratio Lower Upper
152 100
150 153.3 123.8 185.6
115 63.0 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
RO-21

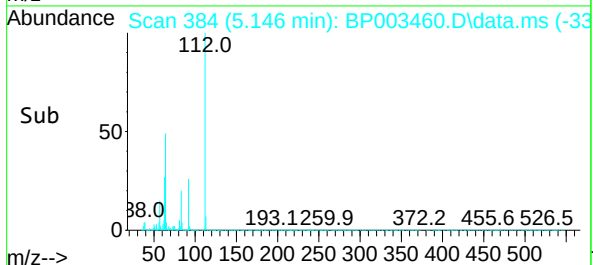
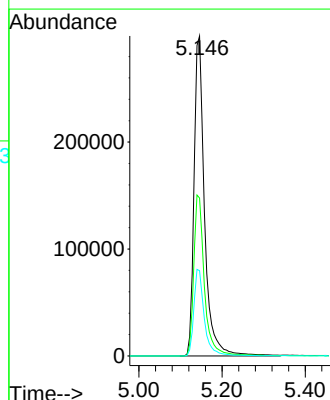
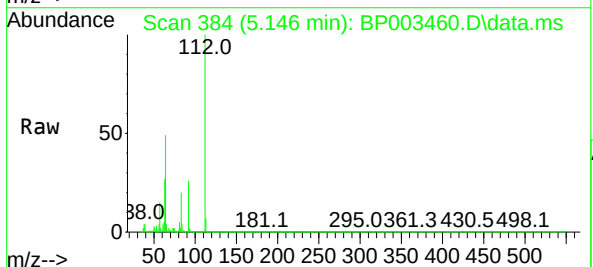
Manual Integrations
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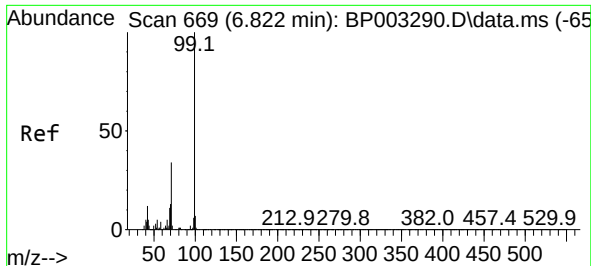
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#5
2-Fluorophenol
Concen: 83.58 ng
RT: 5.146 min Scan# 384
Delta R.T. 0.006 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15

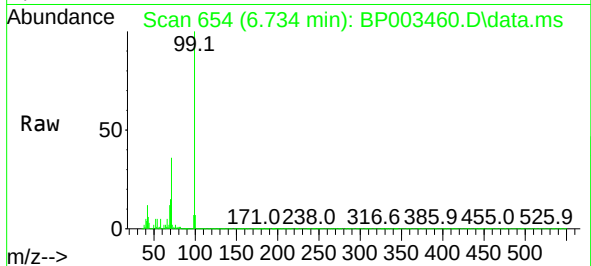
Tgt Ion:112 Resp: 526805
Ion Ratio Lower Upper
112 100
64 49.3 32.8 49.2#
63 26.6 17.0 25.4#





#7
Phenol-d6
Concen: 80.12 ng
RT: 6.734 min Scan# 654
Delta R.T. -0.000 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15

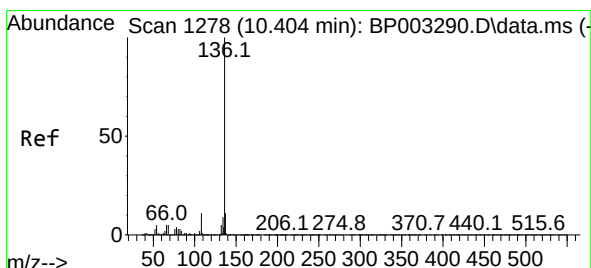
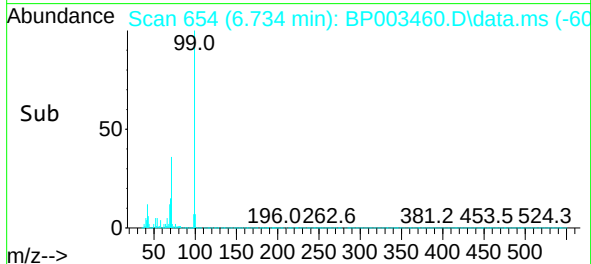
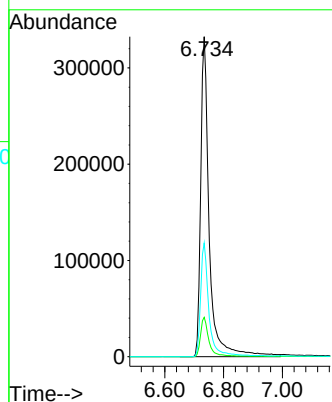
Instrument :
BNA_P
ClientSampleId :
RO-21



Tgt Ion: 99 Resp: 673065
Ion Ratio Lower Upper
99 100
42 12.3 8.6 13.0
71 35.6 23.4 35.2#

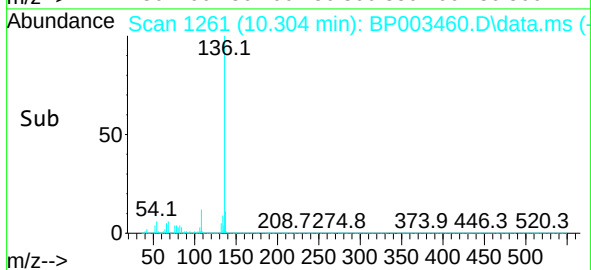
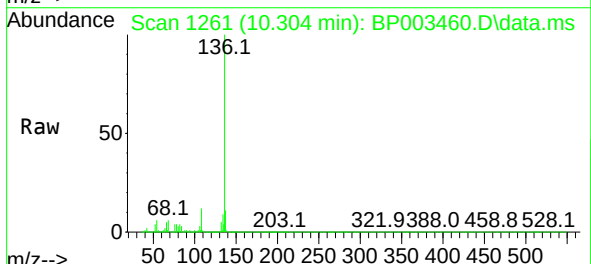
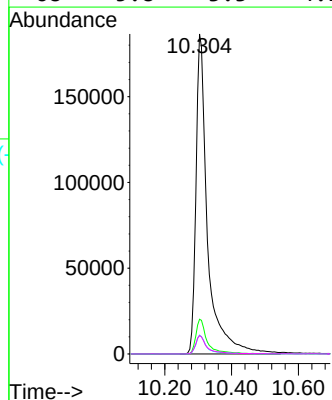
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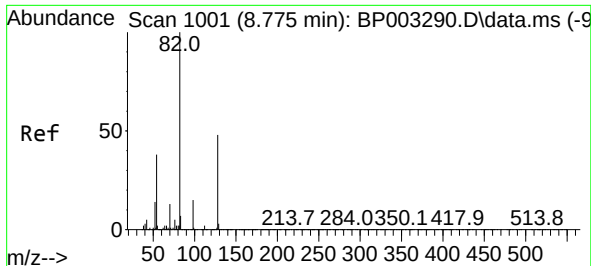
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.304 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15

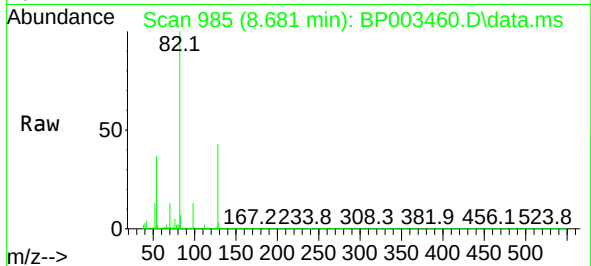
Tgt Ion: 136 Resp: 450581
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.9 3.6 5.4#
68 5.8 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 60.98 ng
RT: 8.681 min Scan# 985
Delta R.T. -0.000 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15

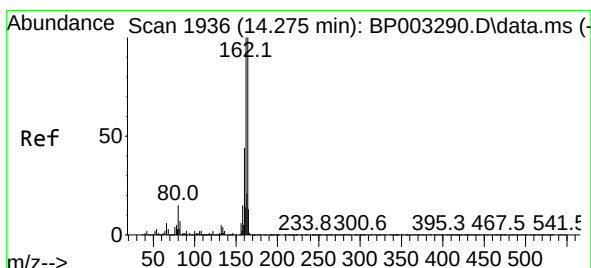
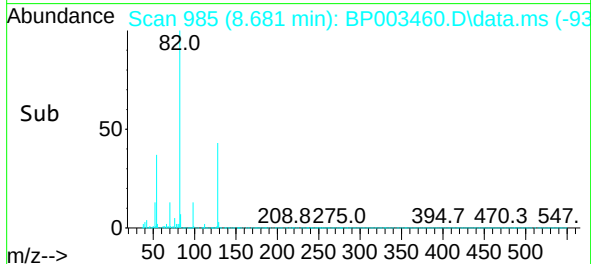
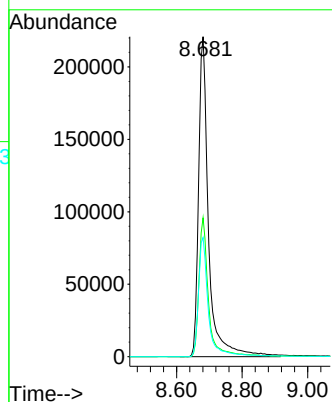
Instrument :
BNA_P
ClientSampled :
RO-21



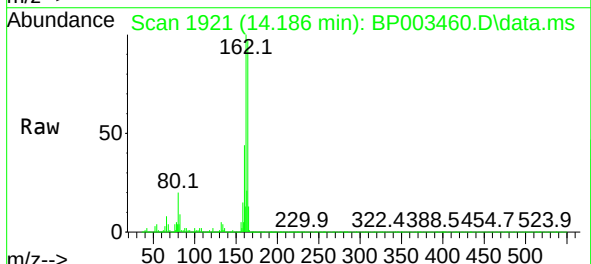
Tgt Ion: 82 Resp: 467687
Ion Ratio Lower Upper
82 100
128 43.4 45.6 68.4#
54 37.3 30.1 45.1

Manual Integrations
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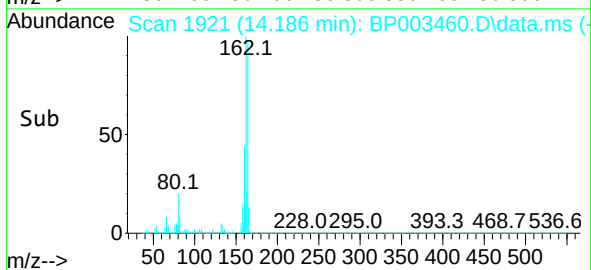
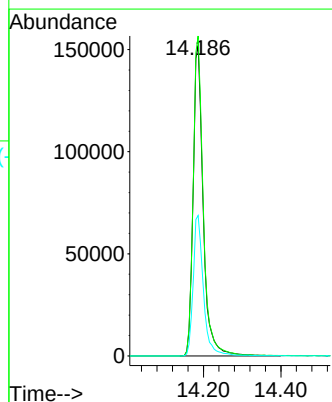
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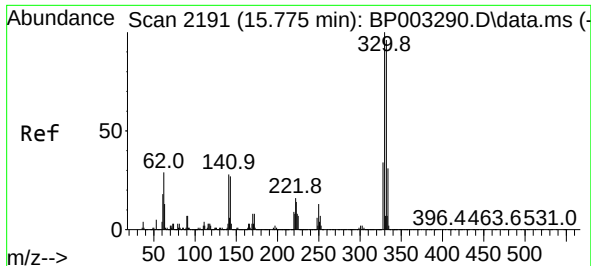


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.186 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15



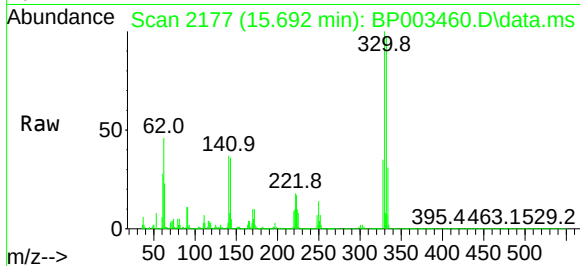
Tgt Ion: 164 Resp: 274840
Ion Ratio Lower Upper
164 100
162 103.1 79.4 119.2
160 45.3 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 58.79 ng
RT: 15.692 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15

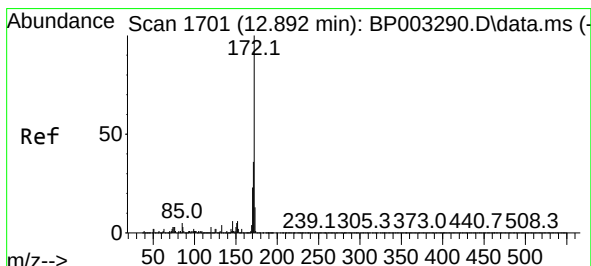
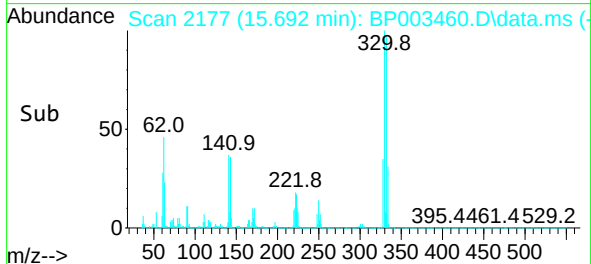
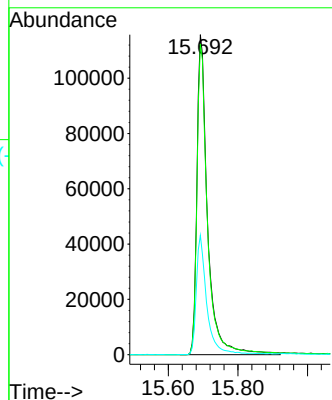
Instrument :
BNA_P
ClientSampleId :
RO-21



Tgt Ion:330 Resp: 246438
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 36.5 23.4 35.2#

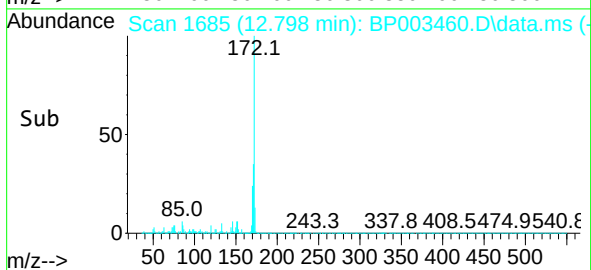
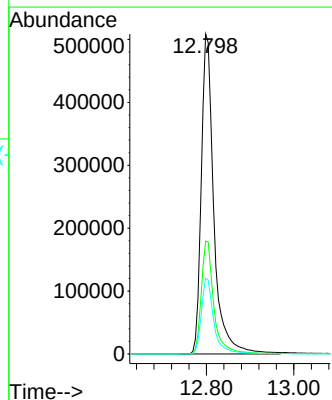
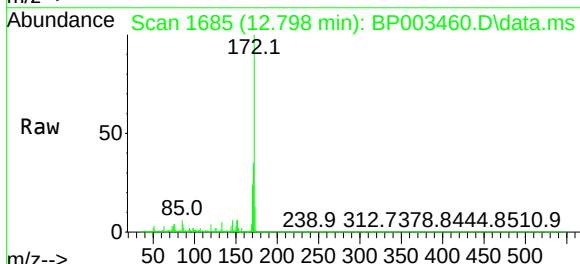
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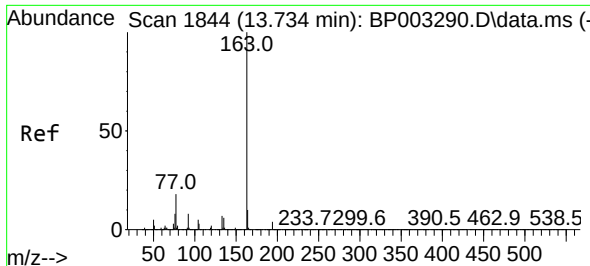
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#45
2-Fluorobiphenyl
Concen: 54.42 ng
RT: 12.798 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15

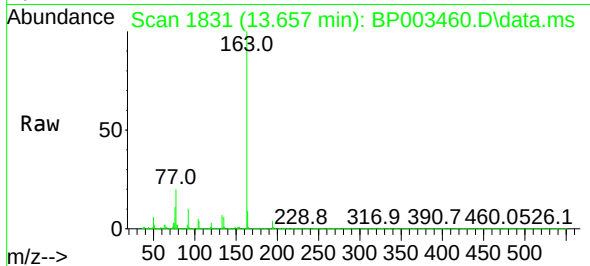
Tgt Ion:172 Resp: 1022601
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.7 19.2 28.8





#50
Dimethylphthalate
Concen: 4.62 ng
RT: 13.657 min Scan# 1831
Delta R.T. 0.006 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15

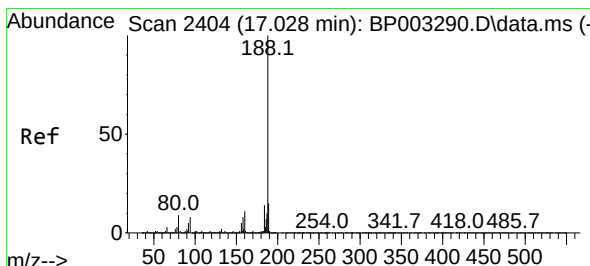
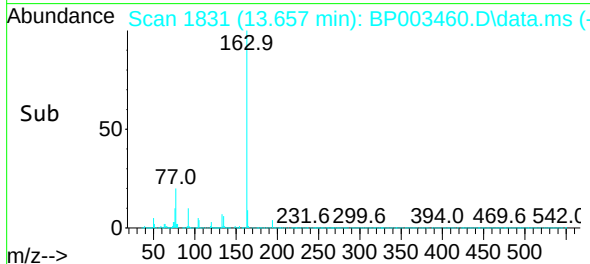
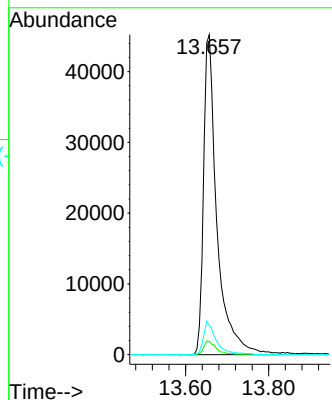
Instrument :
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RO-21



Tgt Ion:163 Resp: 101365
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.3 8.2 12.2

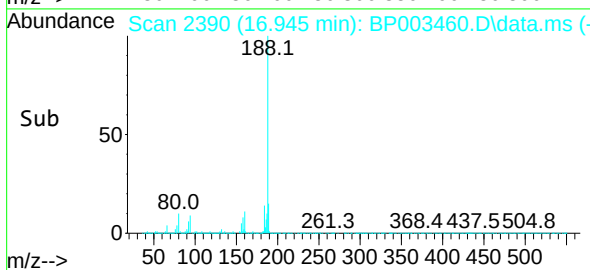
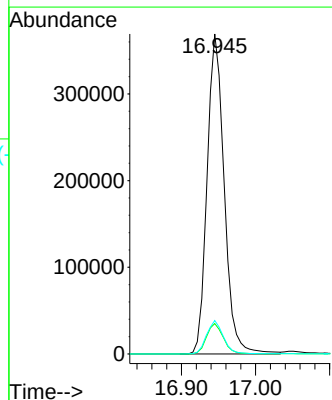
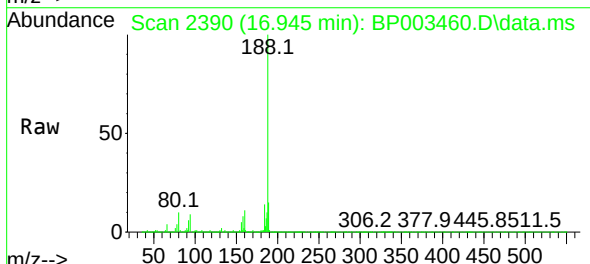
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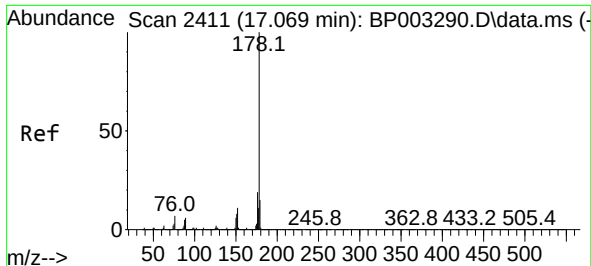
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.945 min Scan# 2390
Delta R.T. 0.006 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15

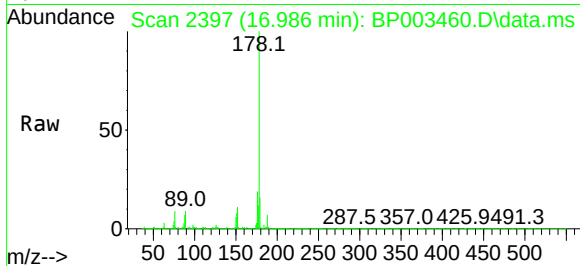
Tgt Ion:188 Resp: 593985
Ion Ratio Lower Upper
188 100
94 9.5 6.2 9.2#
80 10.5 6.2 9.2#





#71
Phenanthrene
Concen: 5.28 ng
RT: 16.986 min Scan# 2397
Delta R.T. -0.000 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15

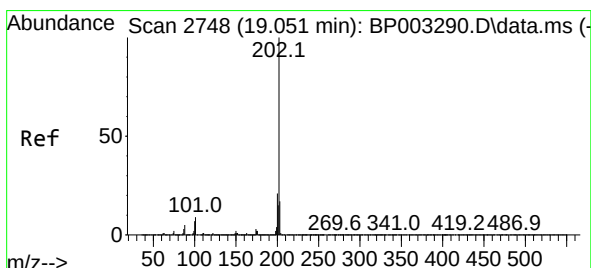
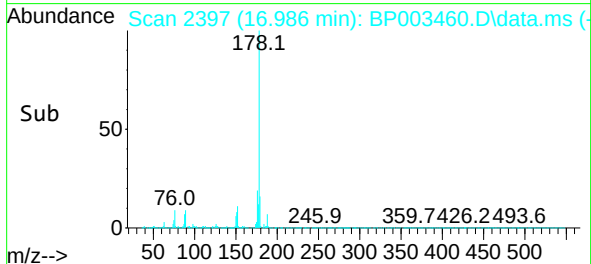
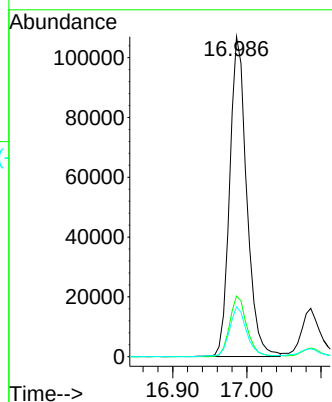
Instrument :
BNA_P
ClientSampleId :
RO-21



Tgt Ion:178 Resp: 170686
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.6 12.5 18.7

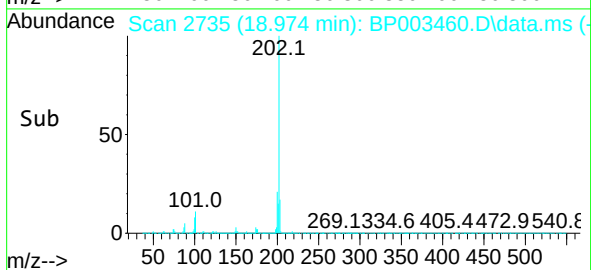
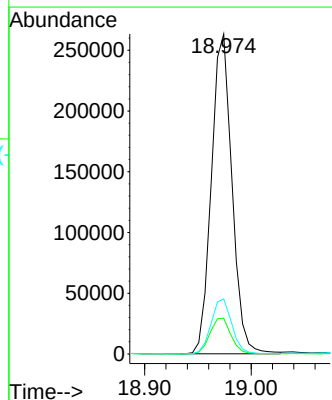
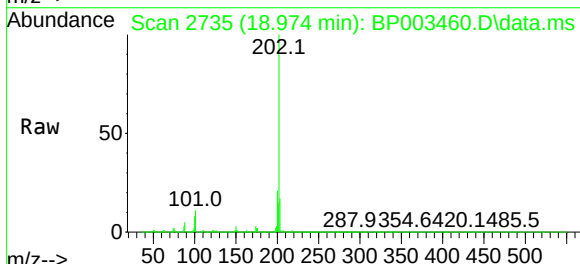
Manual Integrations
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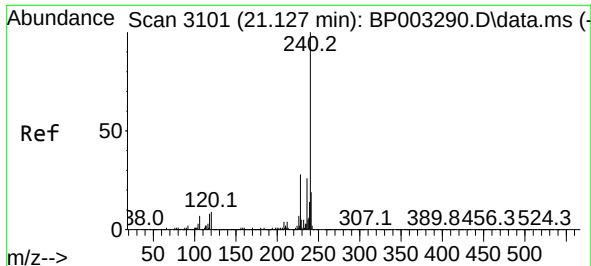
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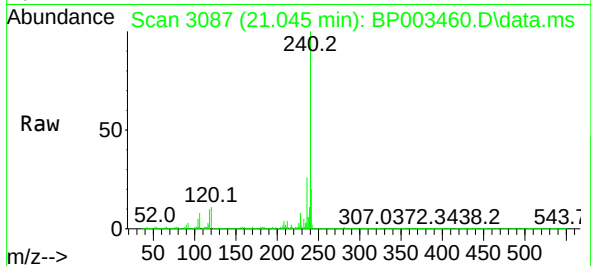
#75
Fluoranthene
Concen: 8.69 ng
RT: 18.974 min Scan# 2735
Delta R.T. -0.000 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15

Tgt Ion:202 Resp: 353287
Ion Ratio Lower Upper
202 100
101 11.2 0.0 29.4
203 17.2 0.0 37.8

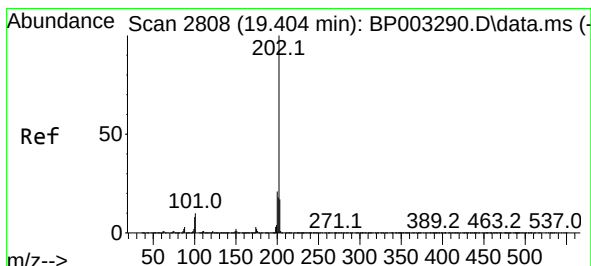
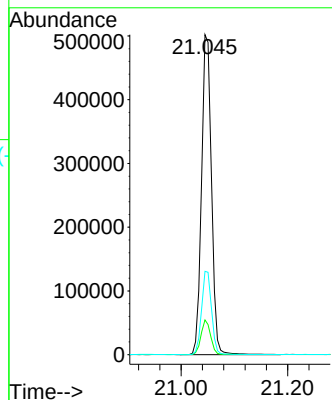
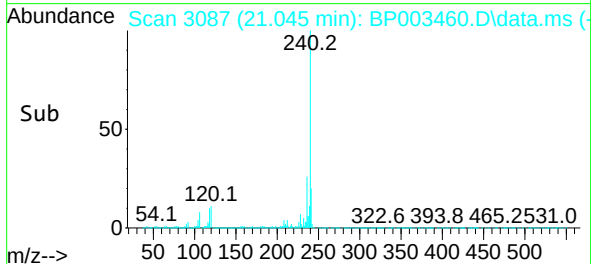




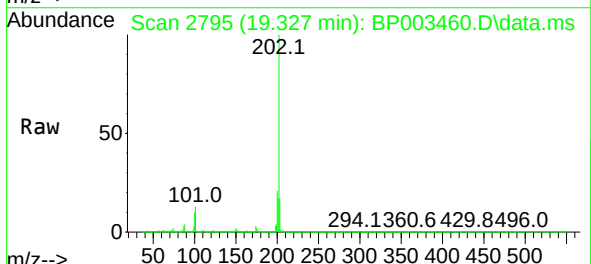
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.045 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15



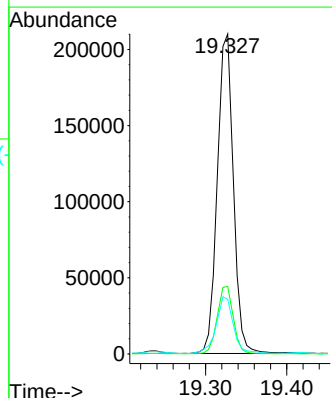
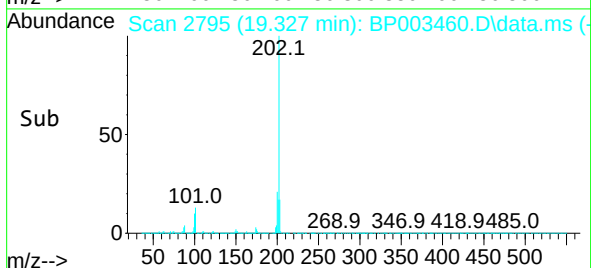
Tgt Ion:240 Resp: 650461
Ion Ratio Lower Upper
240 100
120 10.9 7.8 11.6
236 26.0 20.8 31.2



#78
Pyrene
Concen: 7.14 ng
RT: 19.327 min Scan# 2795
Delta R.T. -0.000 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15



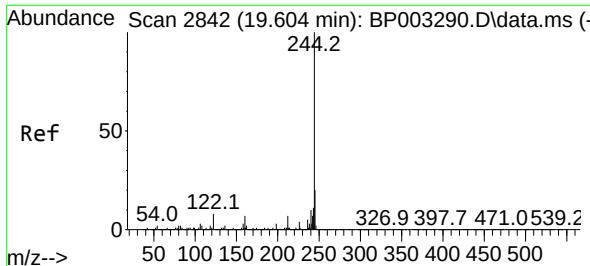
Tgt Ion:202 Resp: 289609
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.0 14.2 21.2



Instrument :
BNA_P
ClientSampleId :
RO-21

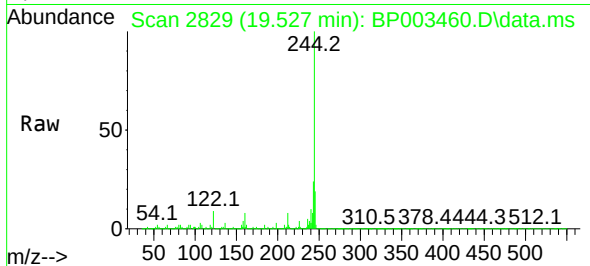
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#79
 Terphenyl-d14
 Concen: 48.05 ng
 RT: 19.527 min Scan# 2829
 Delta R.T. -0.000 min
 Lab File: BP003460.D
 Acq: 02 Oct 2020 15:15

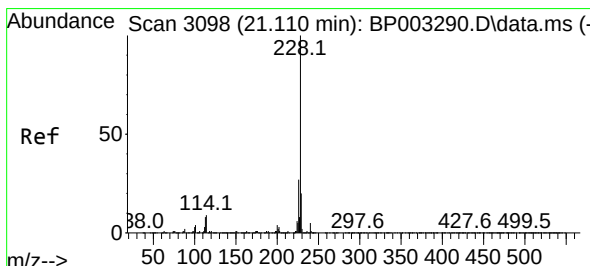
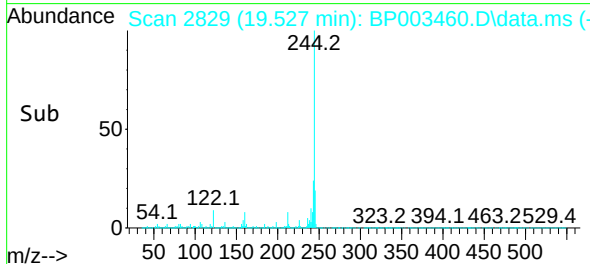
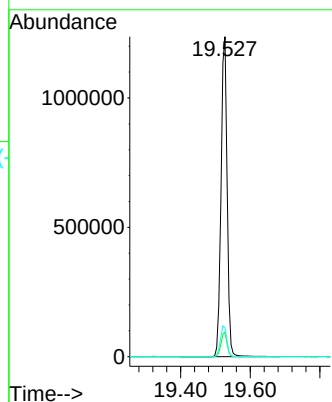
Instrument :
 BNA_P
 ClientSampled :
 RO-21



Tgt Ion:244 Resp: 1500152
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.6
 122 9.0 7.8 11.8

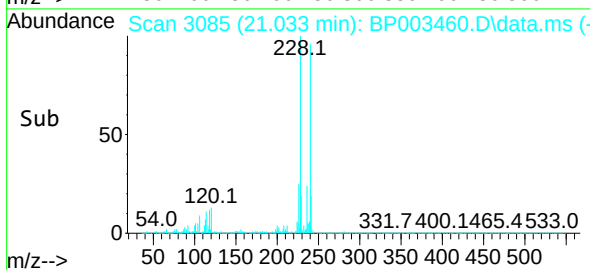
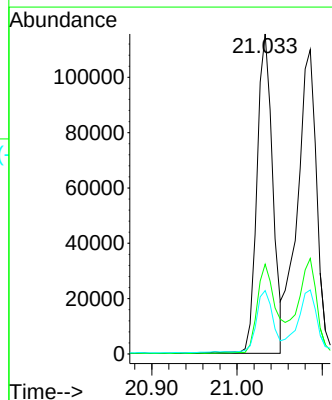
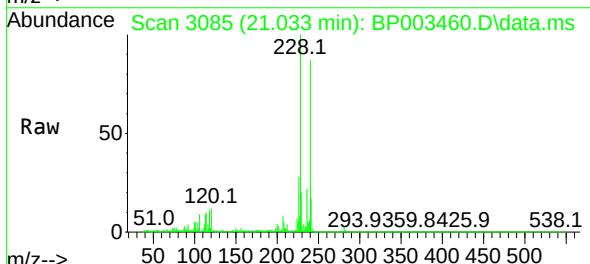
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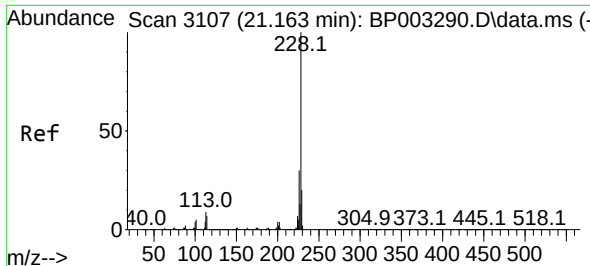
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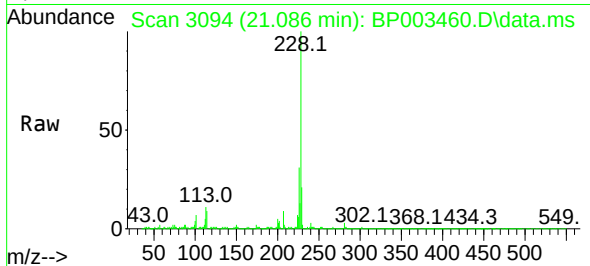
#81
 Benzo(a)anthracene
 Concen: 3.53 ng
 RT: 21.033 min Scan# 3085
 Delta R.T. -0.000 min
 Lab File: BP003460.D
 Acq: 02 Oct 2020 15:15

Tgt Ion:228 Resp: 148469
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.1 33.1
 229 19.8 15.9 23.9

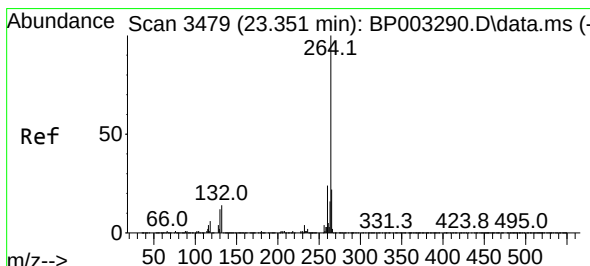
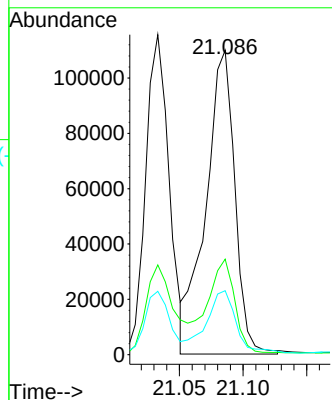
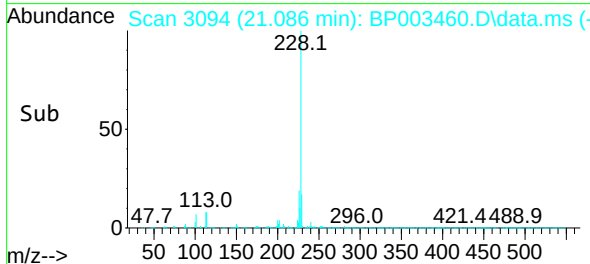




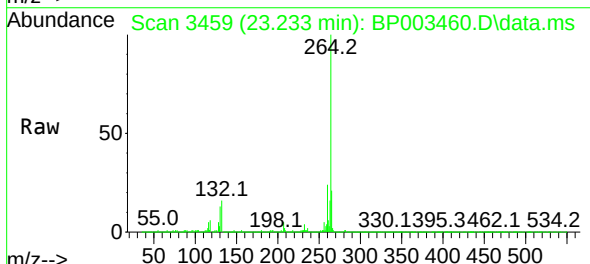
#83
Chrysene
Concen: 4.32 ng m
RT: 21.086 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15



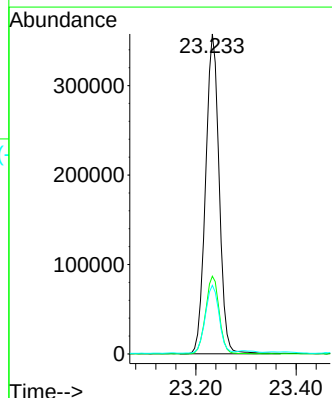
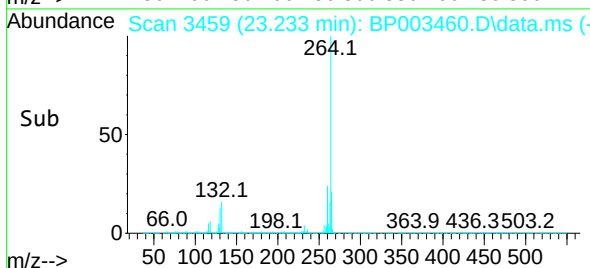
Tgt Ion:228 Resp: 174697
Ion Ratio Lower Upper
228 100
226 31.4 24.4 36.6
229 21.0 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.233 min Scan# 3459
Delta R.T. -0.000 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15



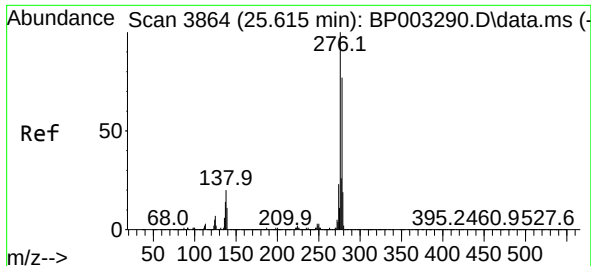
Tgt Ion:264 Resp: 670515
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.5 17.4 26.2



Instrument :
BNA_P
ClientSampled :
RO-21

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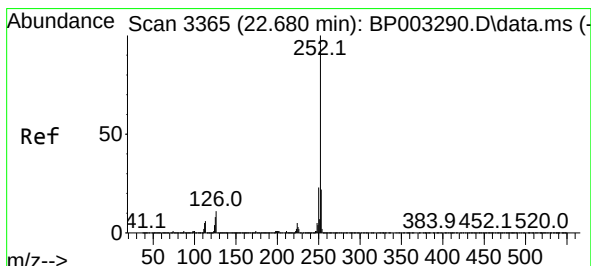
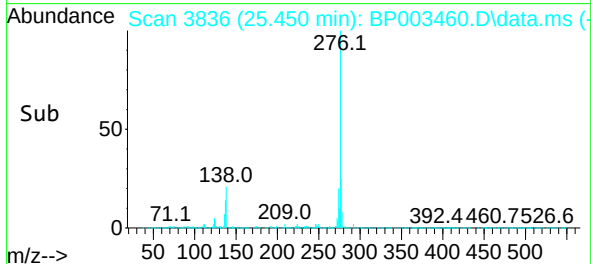
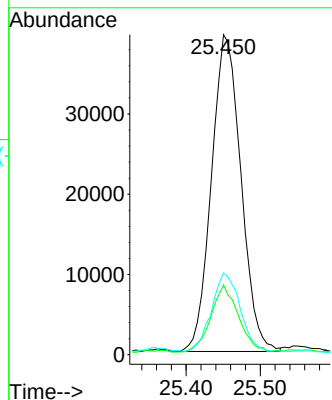
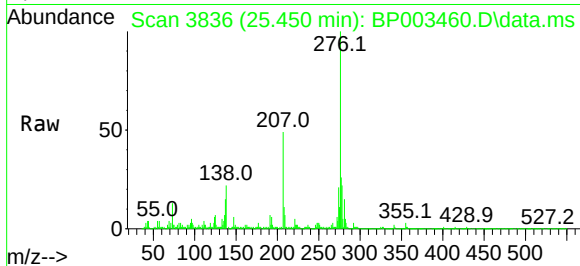
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.15 ng
RT: 25.450 min Scan# 3836
Delta R.T. -0.012 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15

Tgt Ion: 276 Resp: 109261
Ion Ratio Lower Upper
276 100
138 19.9 18.7 28.1
277 23.8 20.4 30.6

Instrument :
BNA_P
ClientSampled :
RO-21

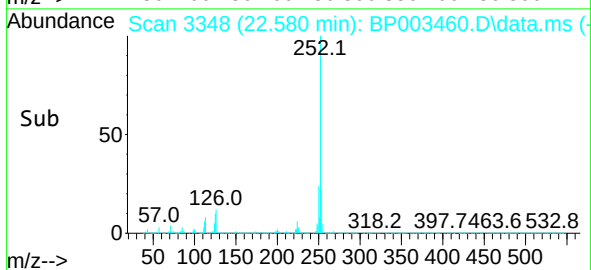
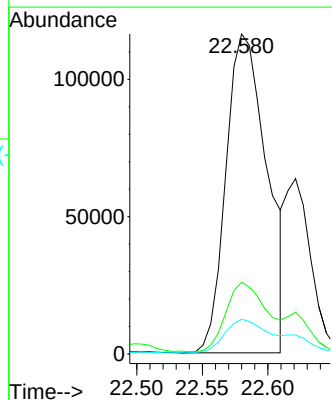
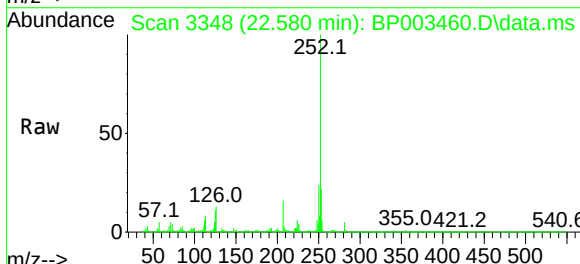
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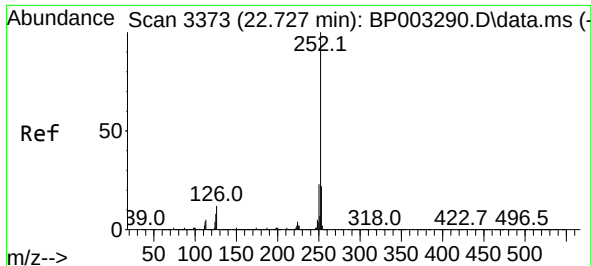
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#88
Benzo(b)fluoranthene
Concen: 5.98 ng
RT: 22.580 min Scan# 3348
Delta R.T. -0.000 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15

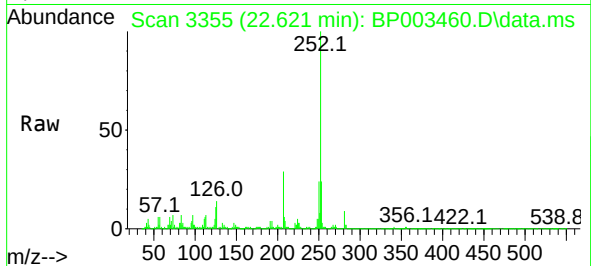
Tgt Ion: 252 Resp: 253109
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 10.9 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 2.12 ng m
RT: 22.621 min Scan# 3355
Delta R.T. -0.000 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15

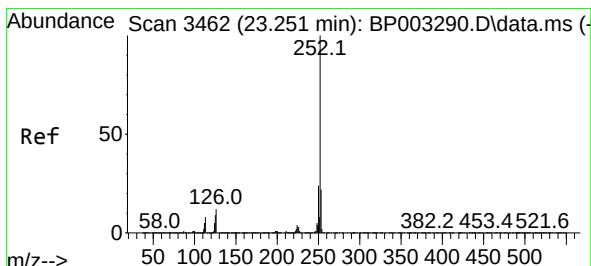
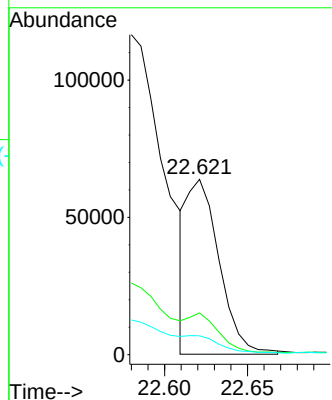
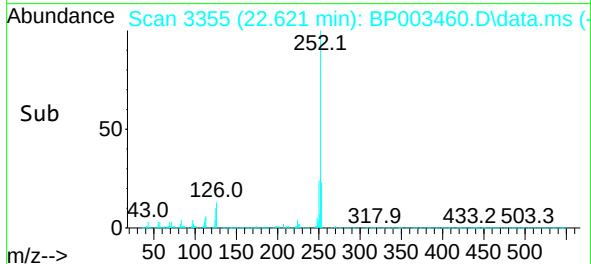
Instrument :
BNA_P
ClientSampled :
RO-21



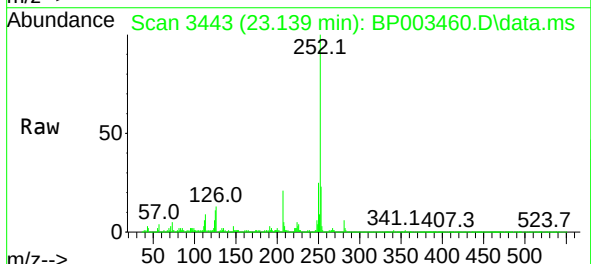
Tgt Ion:252 Resp: 85935
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 10.8 7.4 11.2

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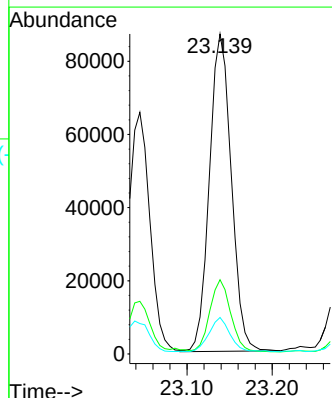
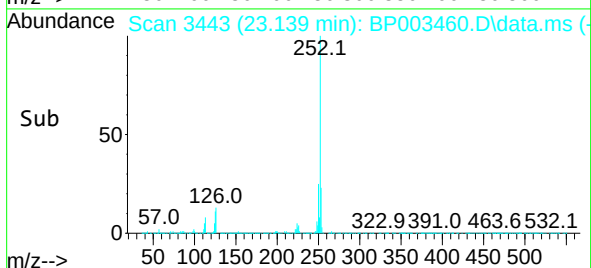
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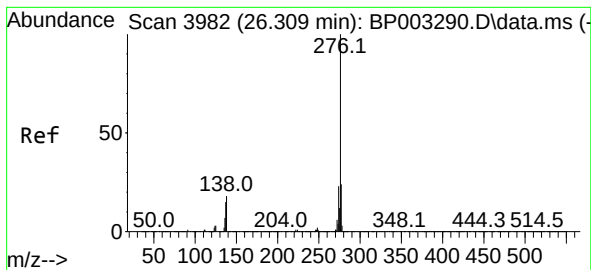


#90
Benzo(a)pyrene
Concen: 3.88 ng
RT: 23.139 min Scan# 3443
Delta R.T. -0.006 min
Lab File: BP003460.D
Acq: 02 Oct 2020 15:15



Tgt Ion:252 Resp: 154870
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.0
125 11.4 8.2 12.4





#92

Benzo(g,h,i)perylene

Concen: 2.46 ng

RT: 26.133 min Scan# 3952

Delta R.T. -0.000 min

Lab File: BP003460.D

Acq: 02 Oct 2020 15:15

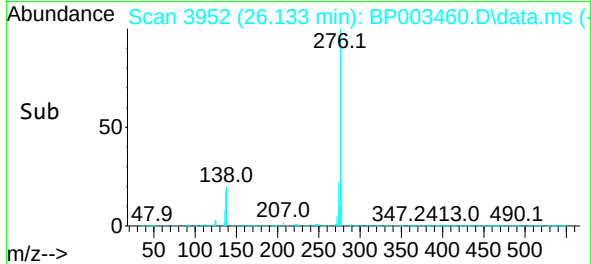
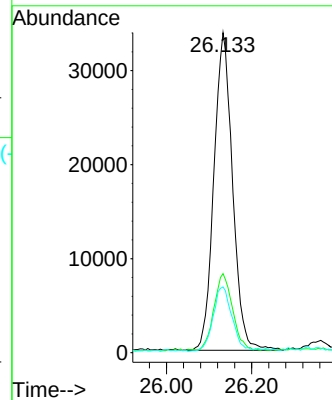
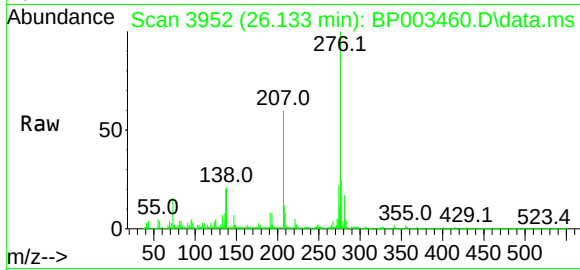
Tgt Ion: 276 Resp: 102943

Ion Ratio Lower Upper

276 100

277 24.7 19.0 28.6

138 20.6 16.6 24.8



Instrument :

BNA_P

ClientSampleId :

RO-21

Manual Integrations

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