

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
 Data File : BP003340.D
 Acq On : 22 Sep 2020 15:47
 Operator : CG/JU
 Sample : L4099-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 105

Manual Integrations
 APPROVED

mohammad
 9/23/2020 10:43:53 AM

Quant Time: Sep 22 16:21:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 12:48:08 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	150600	20.00	ng	0.00
21) Naphthalene-d8	10.346	136	611811	20.00	ng	# 0.00
39) Acenaphthene-d10	14.222	164	383724	20.00	ng	0.00
64) Phenanthrene-d10	16.975	188	837818	20.00	ng	0.00
76) Chrysene-d12	21.068	240	929095	20.00	ng	0.00
86) Perylene-d12	23.262	264	969971	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	960608	111.38	ng	0.00
7) Phenol-d6	6.769	99	1236073	107.52	ng	0.00
23) Nitrobenzene-d5	8.716	82	801147	76.93	ng	0.00
42) 2,4,6-Tribromophenol	15.722	330	521780	89.15	ng	0.00
45) 2-Fluorobiphenyl	12.840	172	1420595	54.14	ng	0.00
79) Terphenyl-d14	19.551	244	1713845	38.43	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.681	163	312556	10.20	ng	100
75) Fluoranthene	18.998	202	229416	4.00	ng	98
78) Pyrene	19.345	202	222158	3.83	ng	99
81) Benzo(a)anthracene	21.051	228	148495	2.47	ng	99
83) Chrysene	21.104	228	151726	2.63	ng	97
88) Benzo(b)fluoranthene	22.604	252	208495m	3.40	ng	
90) Benzo(a)pyrene	23.163	252	135521	2.35	ng	97

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

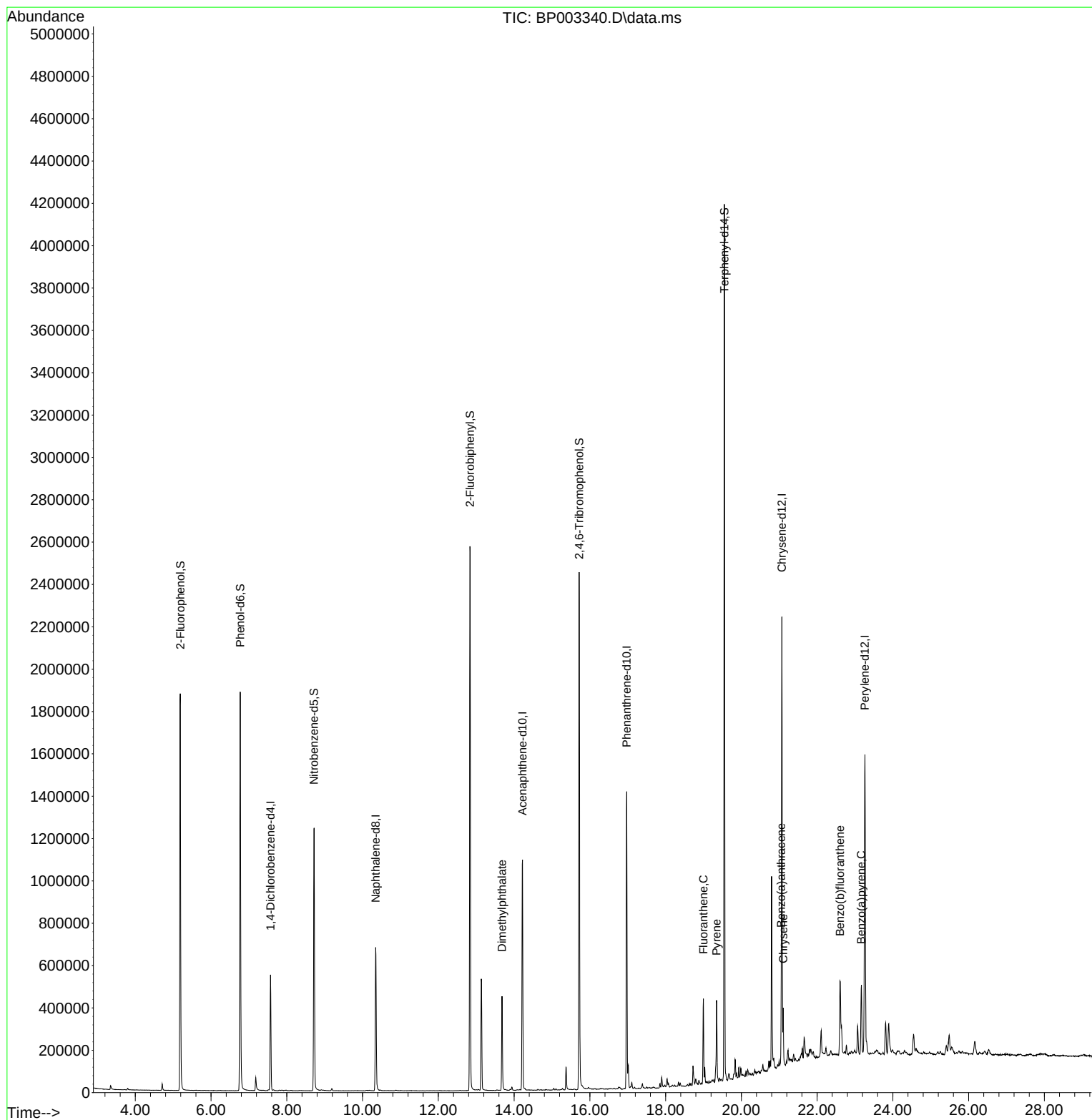
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
Data File : BP003340.D
Acq On : 22 Sep 2020 15:47
Operator : CG/JU
Sample : L4099-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

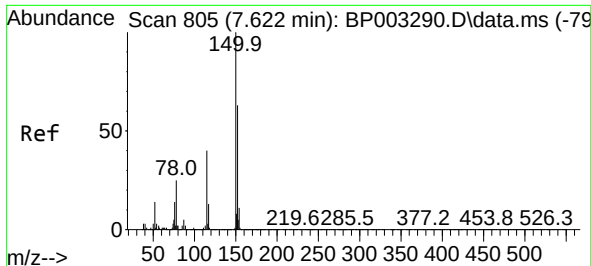
Instrument :
BNA_P
ClientSampleId :
105

Manual Integrations
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Quant Time: Sep 22 16:21:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 12:48:08 2020
Response via : Initial Calibration





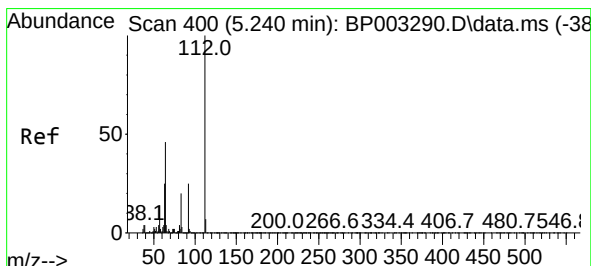
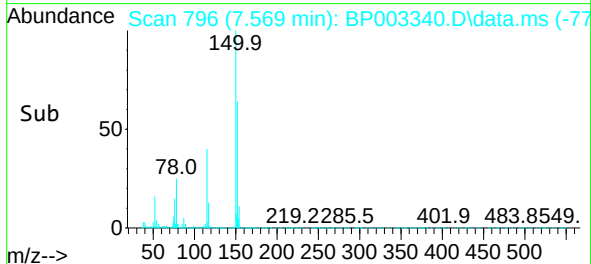
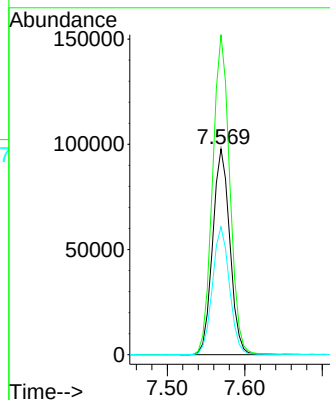
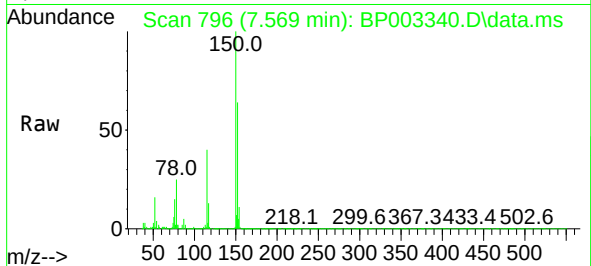
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.569 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP003340.D
Acq: 22 Sep 2020 15:47

Tgt Ion:152 Resp: 150600
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.6
115 62.1 43.8 65.6

Instrument :
BNA_P
ClientSampled :
105

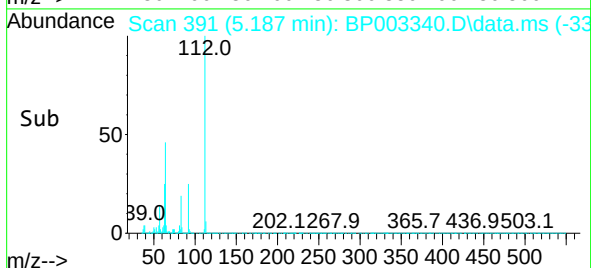
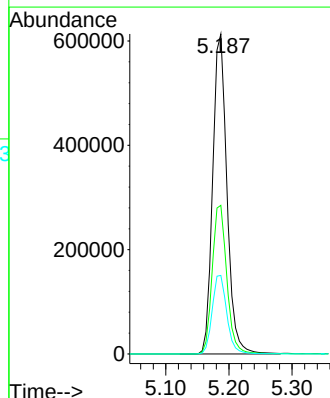
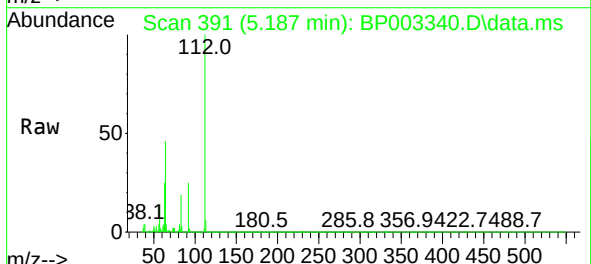
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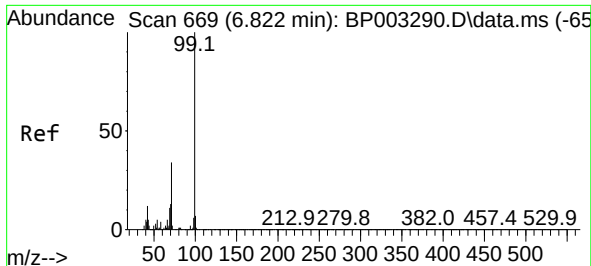
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#5
2-Fluorophenol
Concen: 111.38 ng
RT: 5.187 min Scan# 391
Delta R.T. 0.006 min
Lab File: BP003340.D
Acq: 22 Sep 2020 15:47

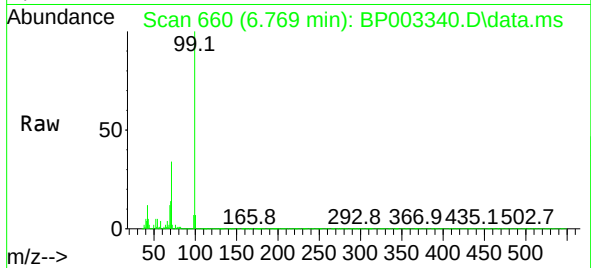
Tgt Ion:112 Resp: 960608
Ion Ratio Lower Upper
112 100
64 46.4 32.8 49.2
63 24.5 17.0 25.4





#7
Phenol-d6
Concen: 107.52 ng
RT: 6.769 min Scan# 660
Delta R.T. -0.000 min
Lab File: BP003340.D
Acq: 22 Sep 2020 15:47

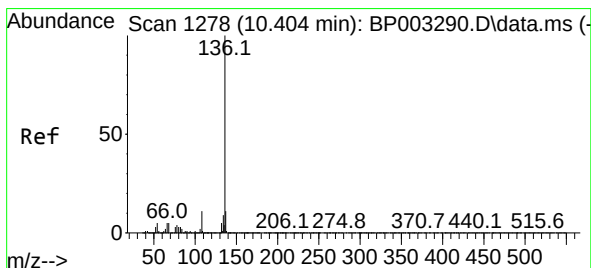
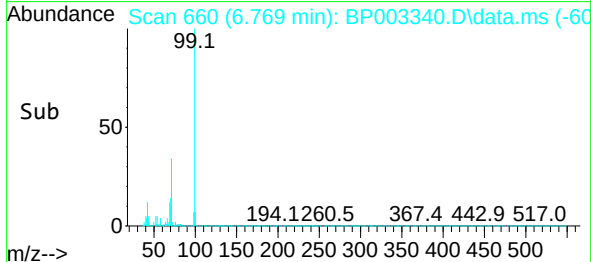
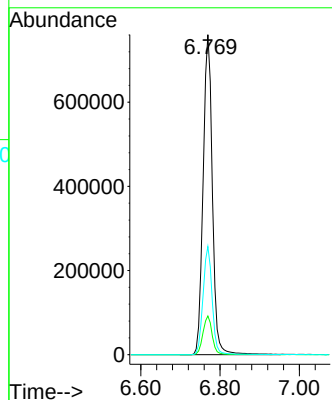
Instrument :
BNA_P
ClientSampleId :
105



Tgt Ion: 99 Resp: 1236073
Ion Ratio Lower Upper
99 100
42 12.1 8.6 13.0
71 33.8 23.4 35.2

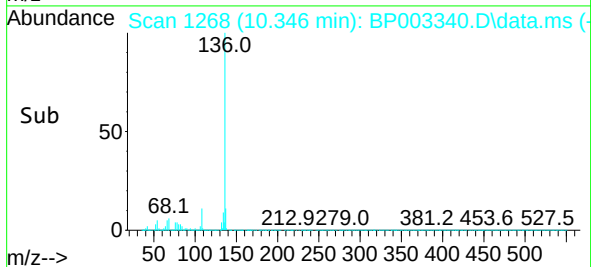
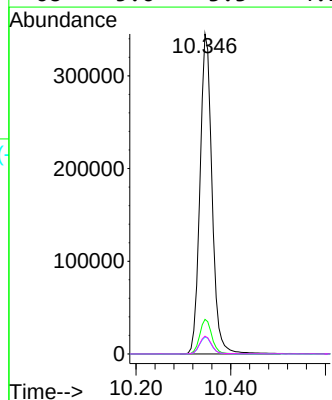
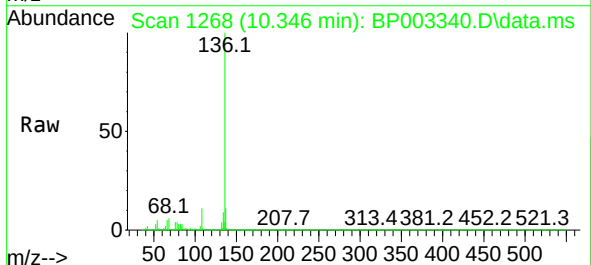
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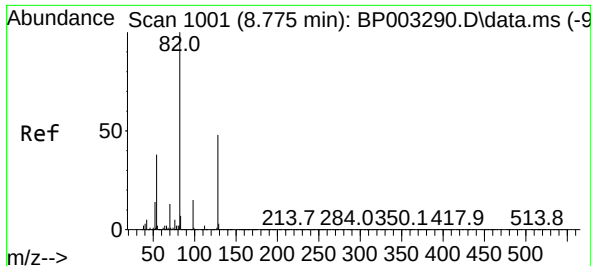
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.346 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BP003340.D
Acq: 22 Sep 2020 15:47

Tgt Ion: 136 Resp: 611811
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.2 3.6 5.4
68 5.6 3.3 4.9#





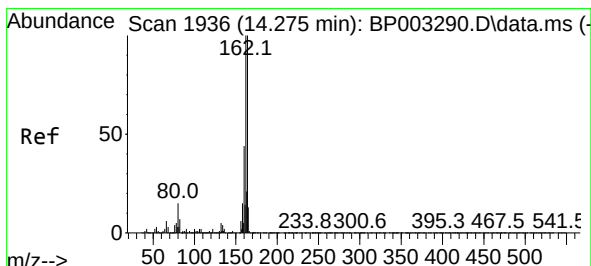
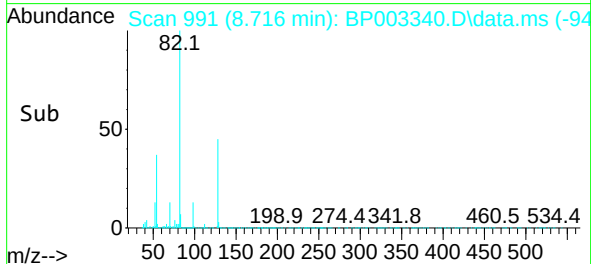
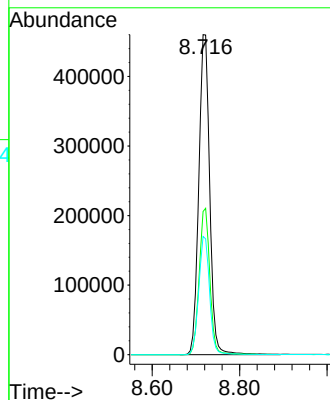
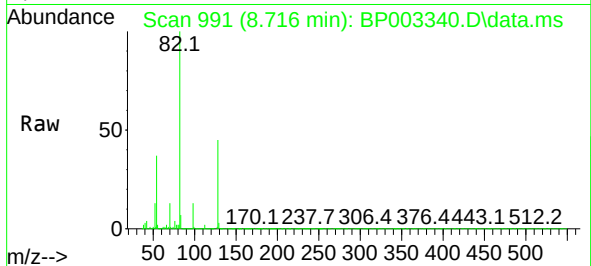
#23
Nitrobenzene-d5
Concen: 76.93 ng
RT: 8.716 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP003340.D
Acq: 22 Sep 2020 15:47

Tgt Ion: 82 Resp: 801147
Ion Ratio Lower Upper
82 100
128 44.7 45.6 68.4#
54 37.0 30.1 45.1

Instrument :
BNA_P
ClientSampled :
105

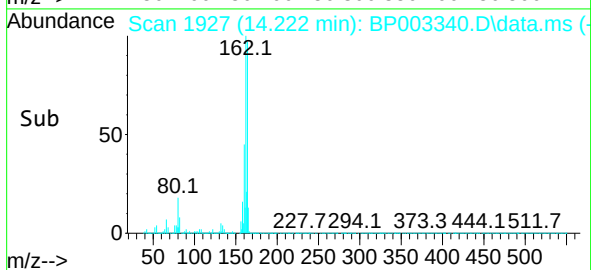
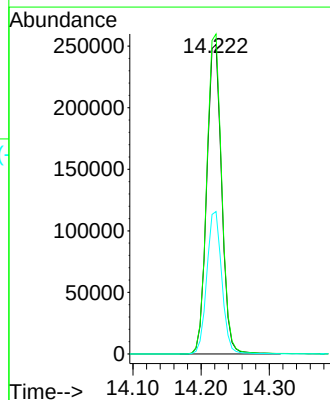
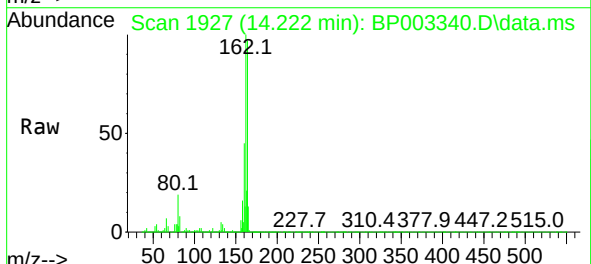
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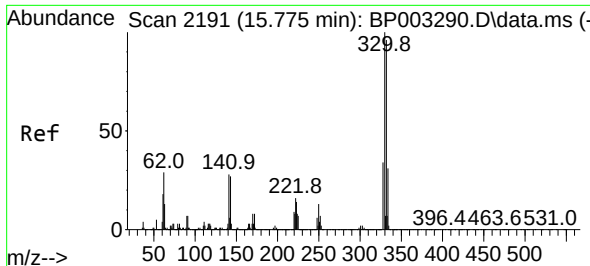
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.222 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BP003340.D
Acq: 22 Sep 2020 15:47

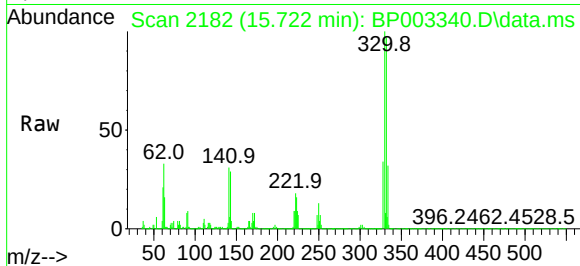
Tgt Ion: 164 Resp: 383724
Ion Ratio Lower Upper
164 100
162 103.4 79.4 119.2
160 46.0 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 89.15 ng
RT: 15.722 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BP003340.D
Acq: 22 Sep 2020 15:47

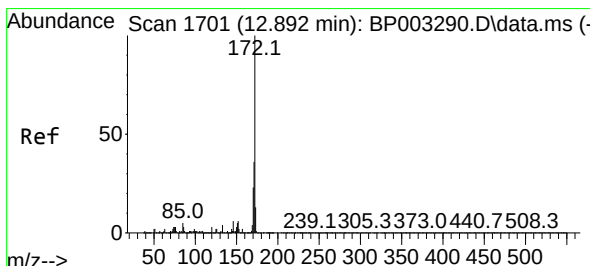
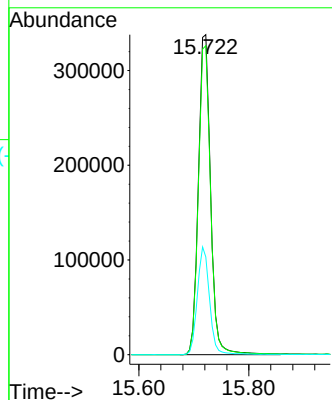
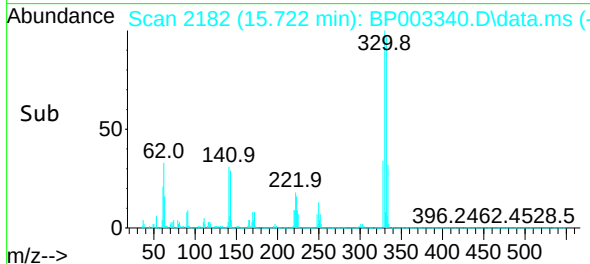
Instrument :
BNA_P
ClientSampleId :
105



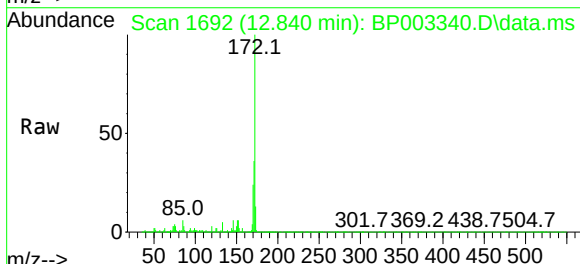
Tgt Ion:330 Resp: 521780
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 33.8 23.4 35.2

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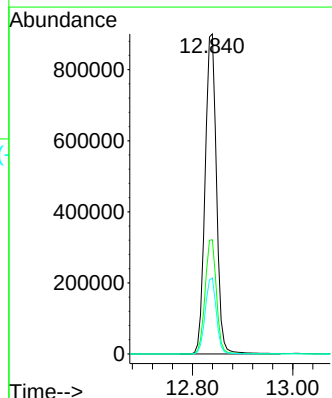
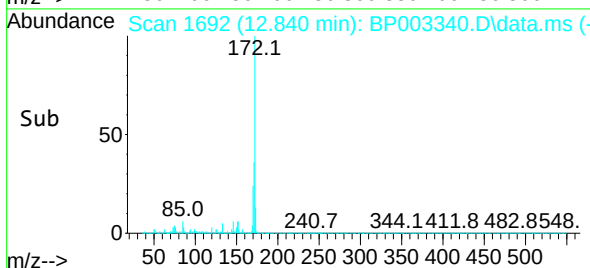
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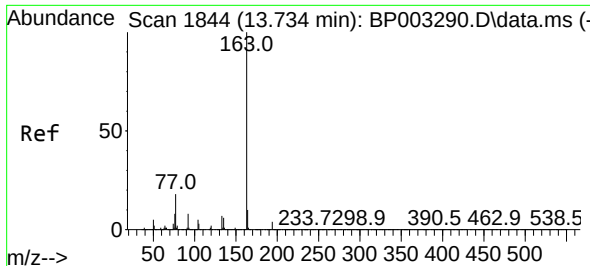


#45
2-Fluorobiphenyl
Concen: 54.14 ng
RT: 12.840 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BP003340.D
Acq: 22 Sep 2020 15:47



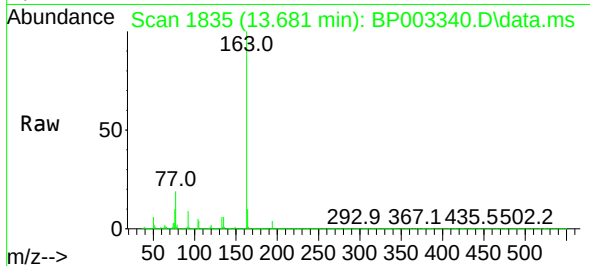
Tgt Ion:172 Resp: 1420595
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.7 19.2 28.8





#50
Dimethylphthalate
Concen: 10.20 ng
RT: 13.681 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BP003340.D
Acq: 22 Sep 2020 15:47

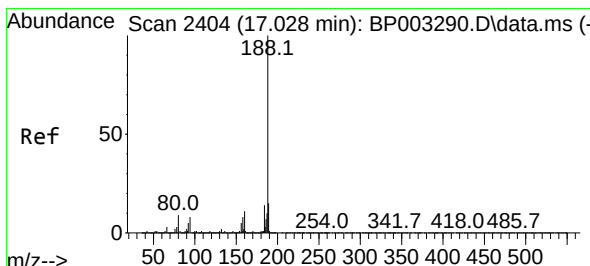
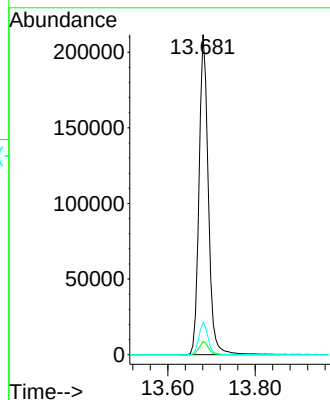
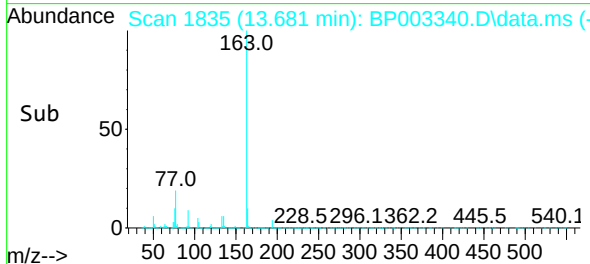
Instrument :
BNA_P
ClientSampled :
105



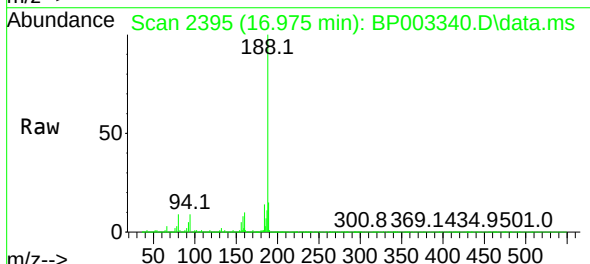
Tgt Ion:163 Resp: 312556
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.2 12.2

Manual Integrations
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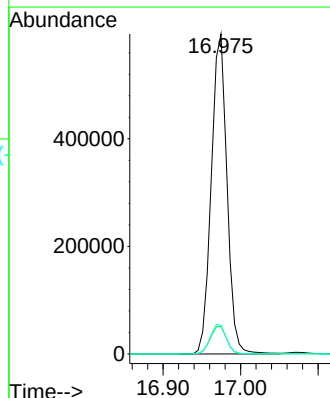
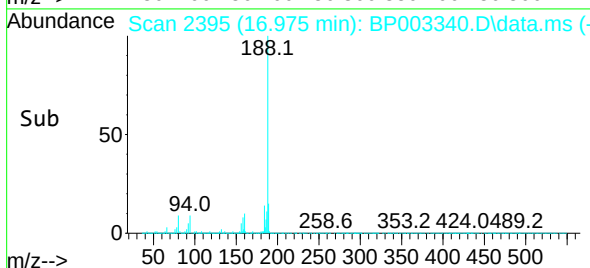
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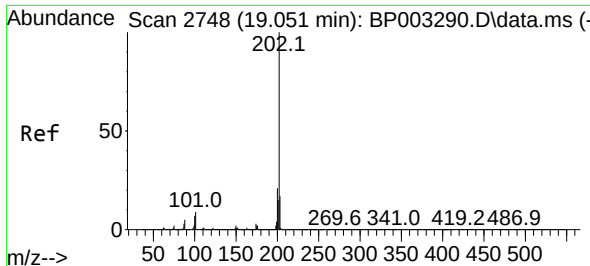


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.975 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BP003340.D
Acq: 22 Sep 2020 15:47



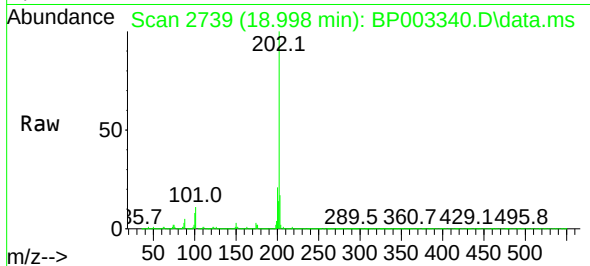
Tgt Ion:188 Resp: 837818
Ion Ratio Lower Upper
188 100
94 8.7 6.2 9.2
80 9.0 6.2 9.2





#75
Fluoranthene
Concen: 4.00 ng
RT: 18.998 min Scan# 2739
Delta R.T. -0.000 min
Lab File: BP003340.D
Acq: 22 Sep 2020 15:47

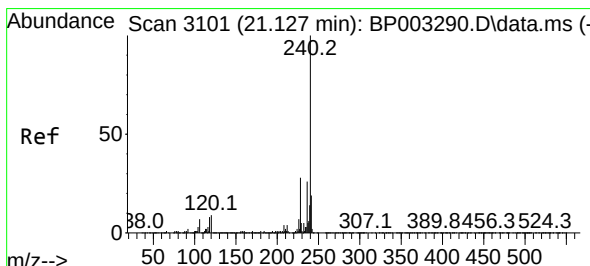
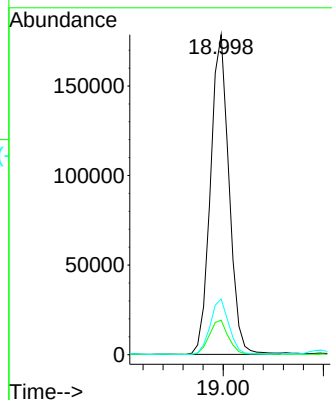
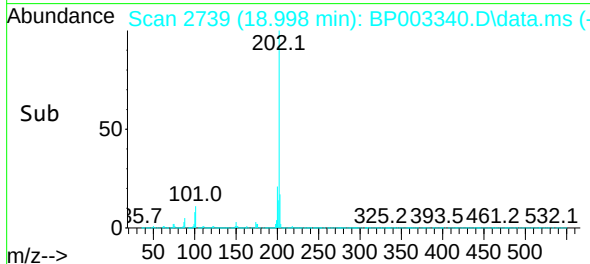
Instrument :
BNA_P
ClientSampleId :
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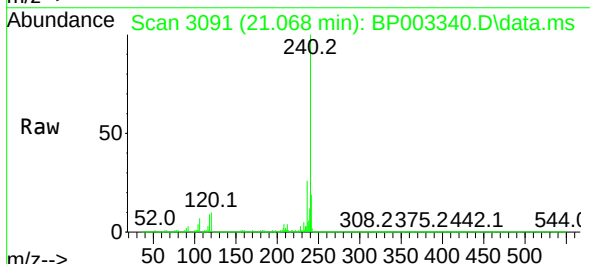
Tgt Ion:202 Resp: 229416
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.4
203 17.4 0.0 37.8

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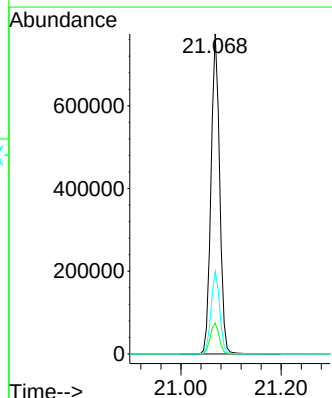
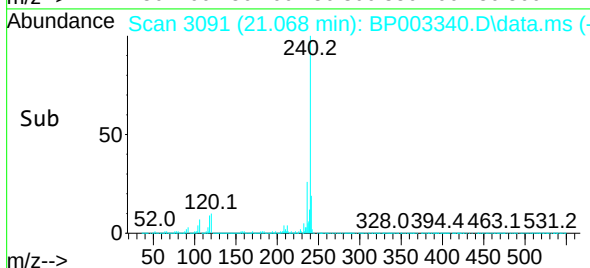
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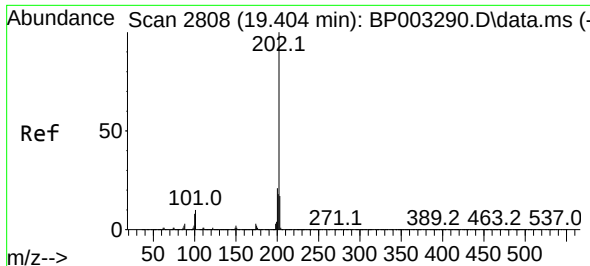


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.068 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BP003340.D
Acq: 22 Sep 2020 15:47



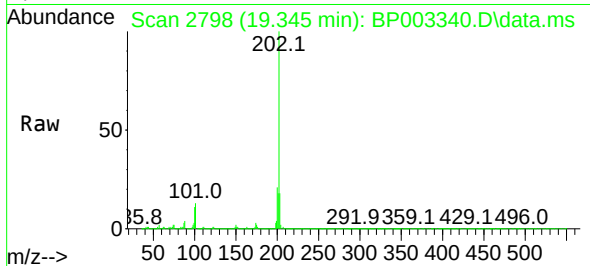
Tgt Ion:240 Resp: 929095
Ion Ratio Lower Upper
240 100
120 9.6 7.8 11.6
236 25.8 20.8 31.2





#78
Pyrene
Concen: 3.83 ng
RT: 19.345 min Scan# 2798
Delta R.T. -0.006 min
Lab File: BP003340.D
Acq: 22 Sep 2020 15:47

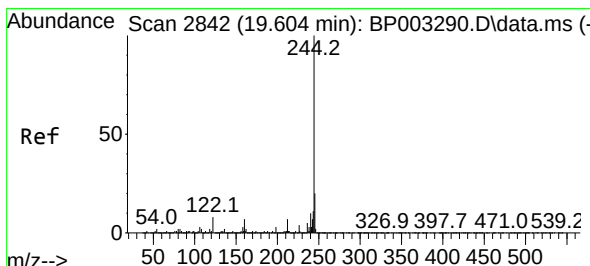
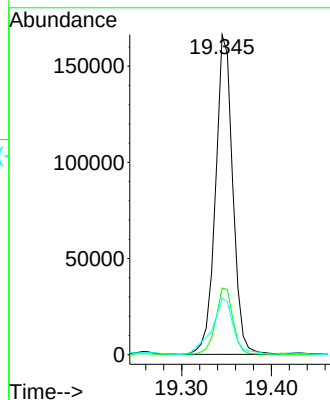
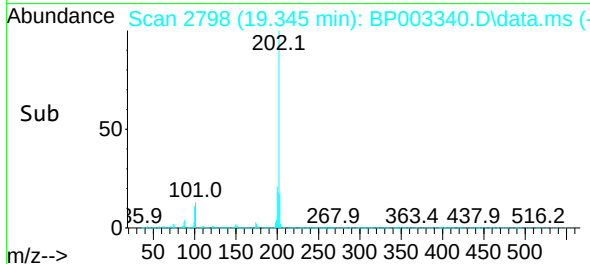
Instrument :
BNA_P
ClientSampleId :
105



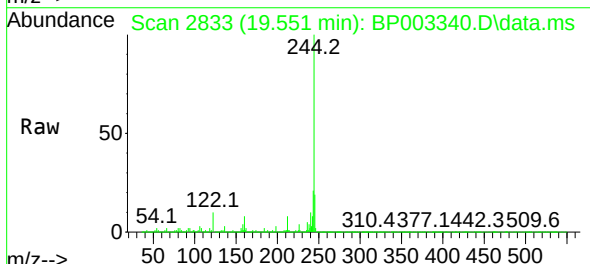
Tgt Ion:202 Resp: 222158
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.6 14.2 21.2

Manual Integrations
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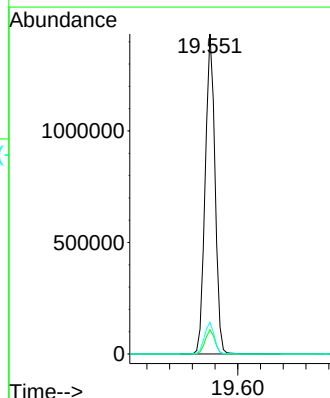
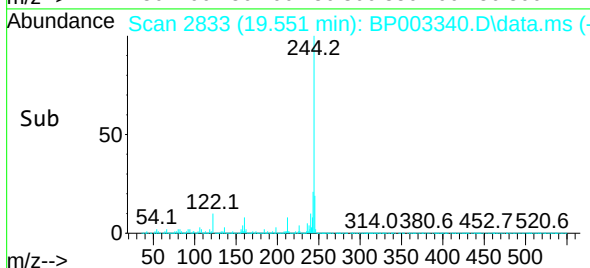
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9/23/2020 10:43:53 AM

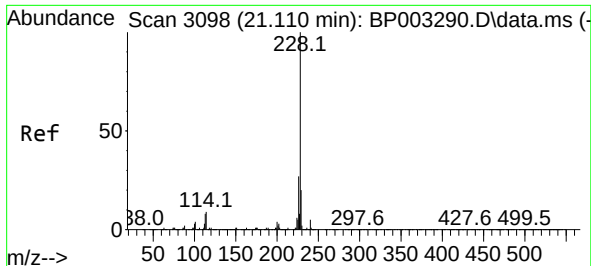


#79
Terphenyl-d14
Concen: 38.43 ng
RT: 19.551 min Scan# 2833
Delta R.T. -0.000 min
Lab File: BP003340.D
Acq: 22 Sep 2020 15:47



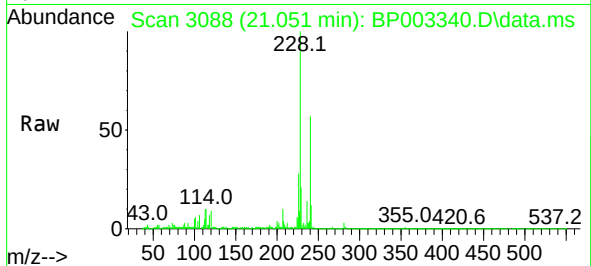
Tgt Ion:244 Resp: 1713845
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.9 7.8 11.8





#81
Benzo(a)anthracene
Concen: 2.47 ng
RT: 21.051 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BP003340.D
Acq: 22 Sep 2020 15:47

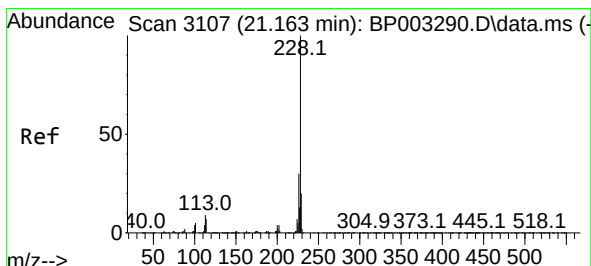
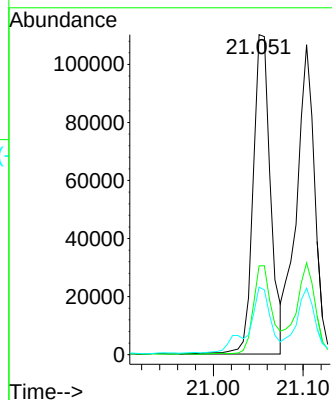
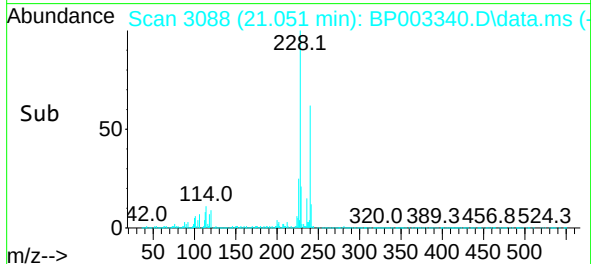
Instrument :
BNA_P
ClientSampled :
105



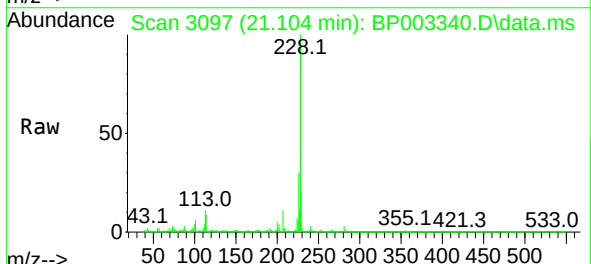
Tgt Ion:228 Resp: 148495
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 21.1 15.9 23.9

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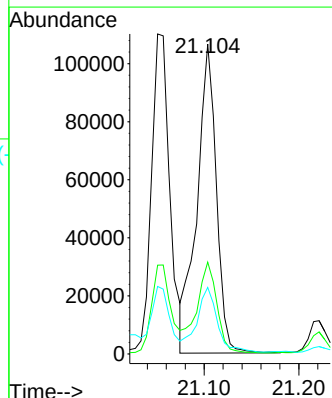
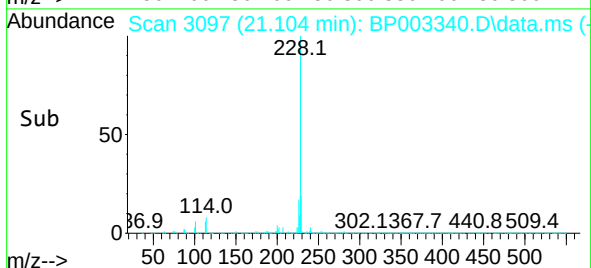
mohammad
9/23/2020 10:43:53 AM

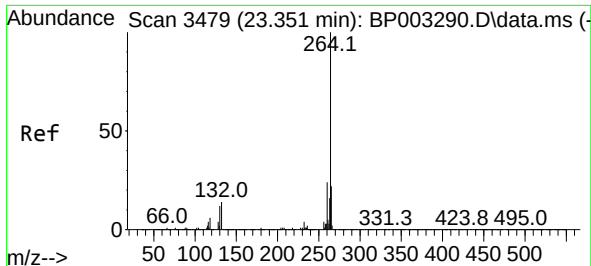


#83
Chrysene
Concen: 2.63 ng
RT: 21.104 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BP003340.D
Acq: 22 Sep 2020 15:47



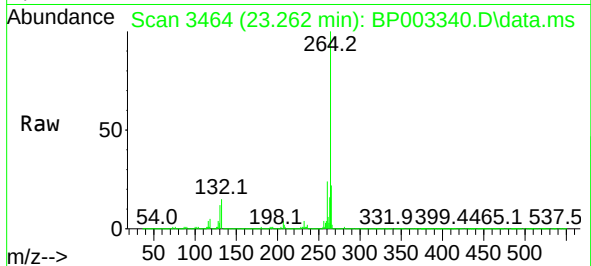
Tgt Ion:228 Resp: 151726
Ion Ratio Lower Upper
228 100
226 29.6 24.4 36.6
229 21.5 15.8 23.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.262 min Scan# 3464
 Delta R.T. -0.000 min
 Lab File: BP003340.D
 Acq: 22 Sep 2020 15:47

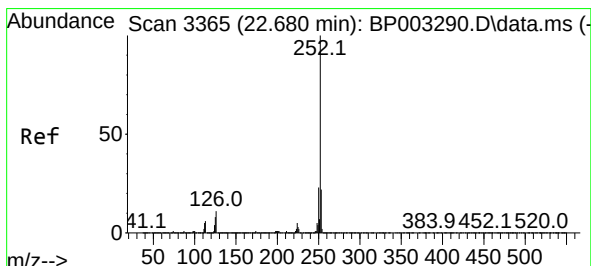
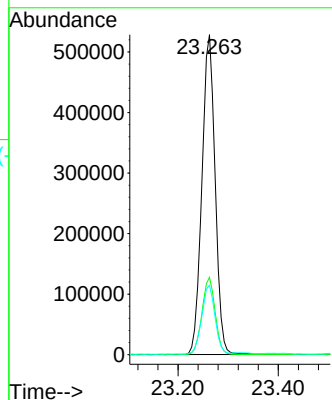
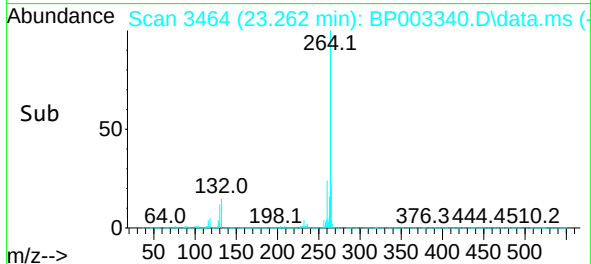
Instrument :
 BNA_P
 ClientSampled :
 105



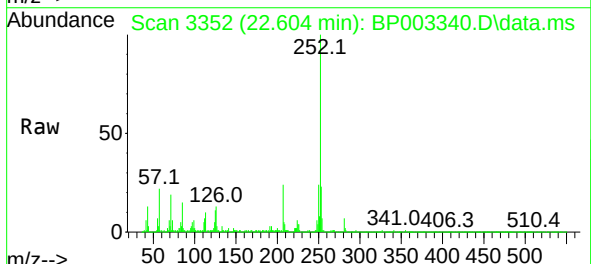
Tgt Ion:264 Resp: 969971
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.7 17.4 26.2

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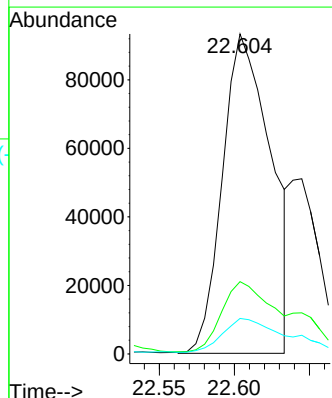
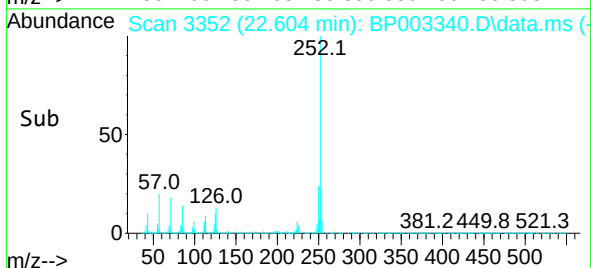
mohammad
 9/23/2020 10:43:53 AM

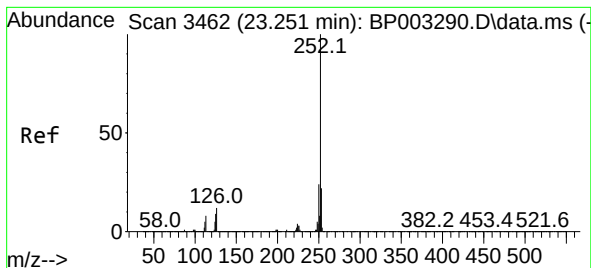


#88
 Benzo(b)fluoranthene
 Concen: 3.40 ng m
 RT: 22.604 min Scan# 3352
 Delta R.T. -0.000 min
 Lab File: BP003340.D
 Acq: 22 Sep 2020 15:47



Tgt Ion:252 Resp: 208495
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.6 26.4
 125 11.1 7.3 10.9#





#90

Benzo(a)pyrene

Concen: 2.35 ng

RT: 23.163 min Scan# 3447

Delta R.T. -0.006 min

Lab File: BP003340.D

Acq: 22 Sep 2020 15:47

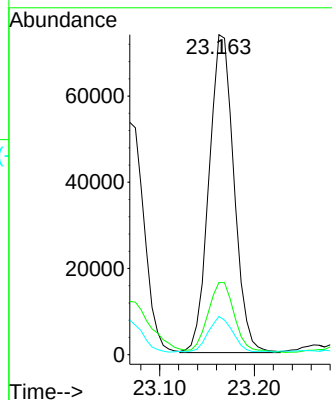
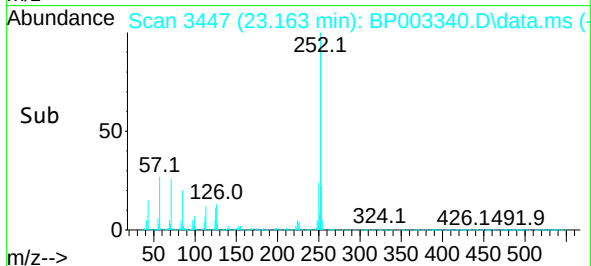
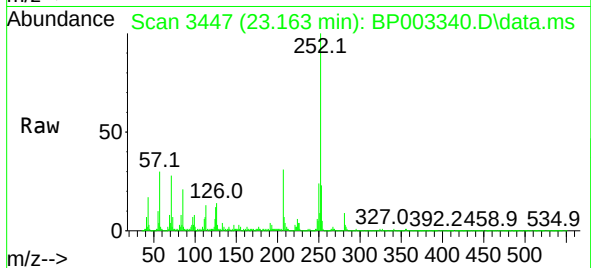
Tgt Ion:252 Resp: 135521

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 12.0 8.2 12.4



Instrument :

BNA_P

ClientSampleId :

105

Manual Integrations

APPROVED

mohammad

9/23/2020 10:43:53 AM