

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122590.D
 Acq On : 8 Dec 2020 16:10
 Operator : JU/CG
 Sample : L4970-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4S1-A-D-COMP

Manual Integrations
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Quant Time: Dec 08 17:13:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	156769	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	625208	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	332297	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	569076	20.00	ng	0.00
76) Chrysene-d12	14.010	240	384592	20.00	ng	0.00
86) Perylene-d12	15.468	264	384752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	944054	95.34	ng	0.00
7) Phenol-d6	6.469	99	1194519	90.96	ng	-0.01
23) Nitrobenzene-d5	7.398	82	718922	57.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	340817	78.36	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1330754	54.17	ng	0.00
79) Terphenyl-d14	12.957	244	1180050	53.71	ng	0.00
Target Compounds						
10) Phenol	6.481	94	49408	3.63	ng	Qvalue 87
50) Dimethylphthalate	9.592	163	132502	4.99	ng	99
75) Fluoranthene	12.580	202	97514	2.75	ng	77
78) Pyrene	12.810	202	83527	2.81	ng	# 86
88) Benzo(b)fluoranthene	15.045	252	63995m	2.37	ng	

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

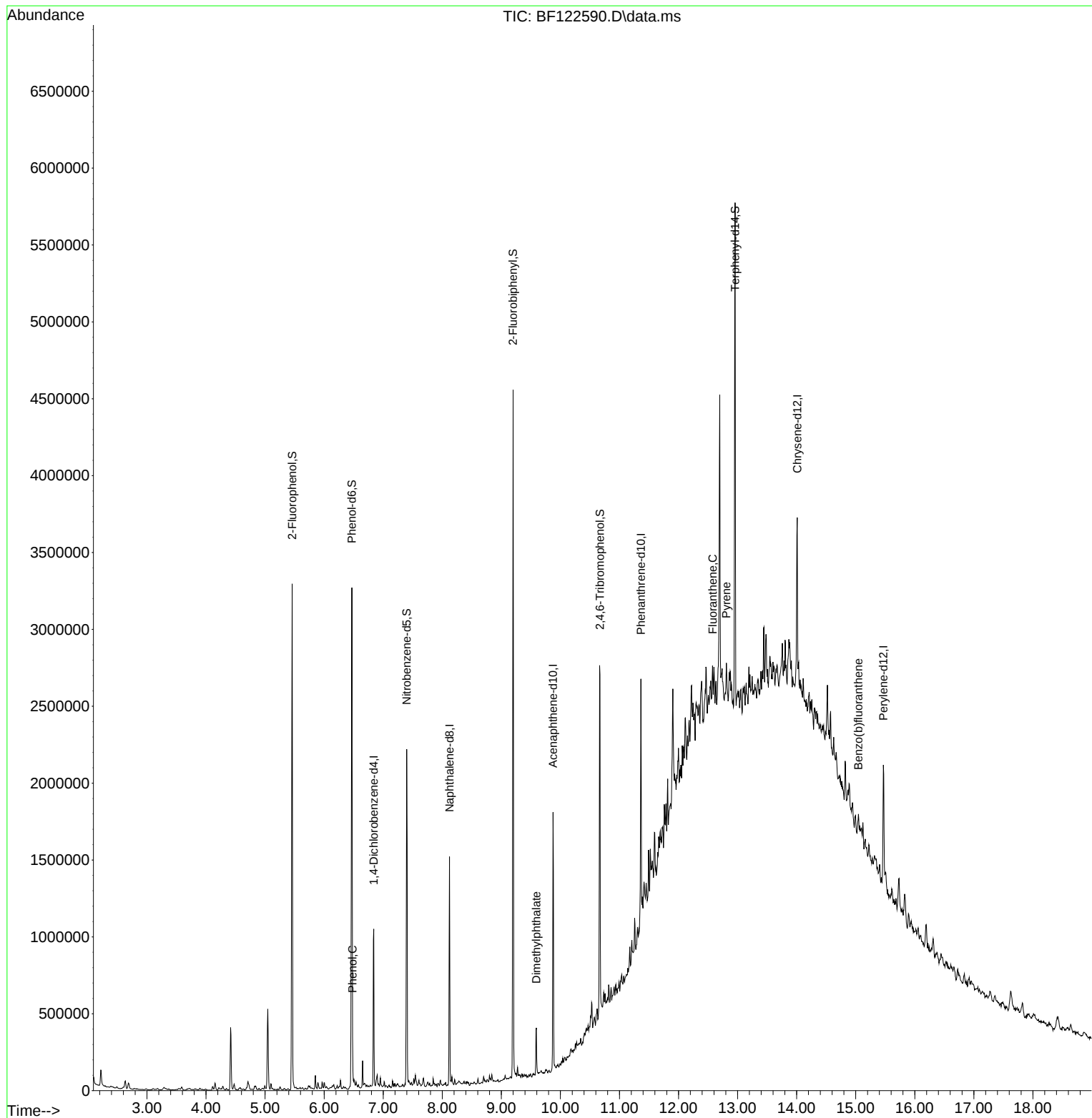
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122590.D
Acq On : 8 Dec 2020 16:10
Operator : JU/CG
Sample : L4970-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

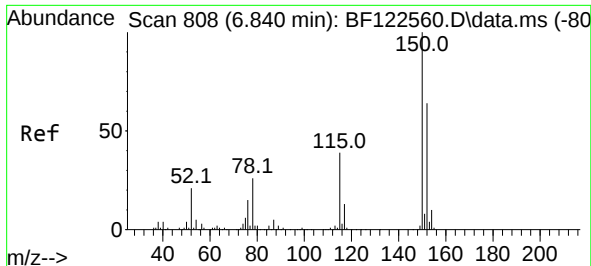
Instrument :
BNA_F
ClientSampleId :
4S1-A-D-COMP

Manual Integrations
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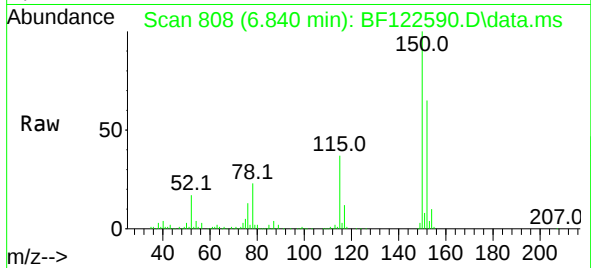
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Quant Time: Dec 08 17:13:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

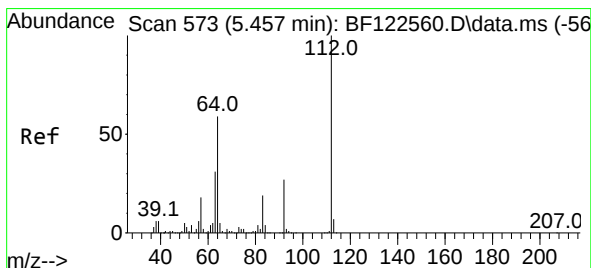
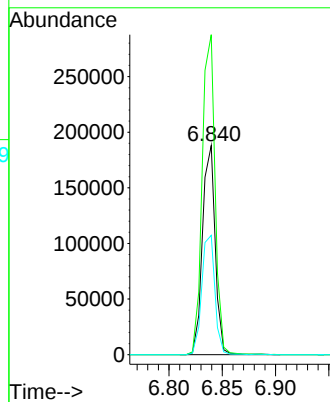
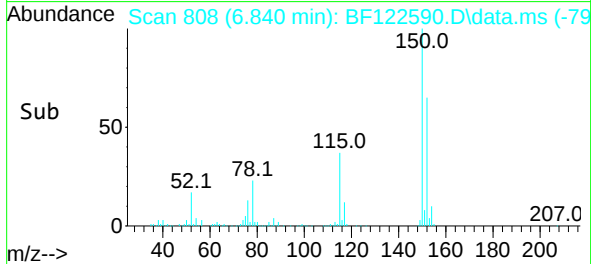




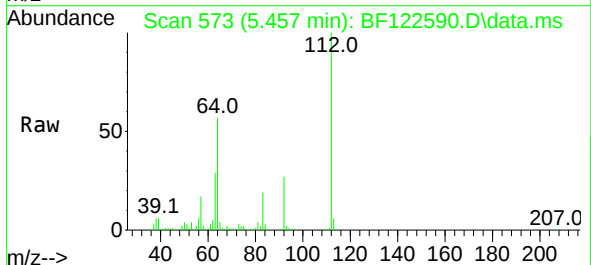
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10



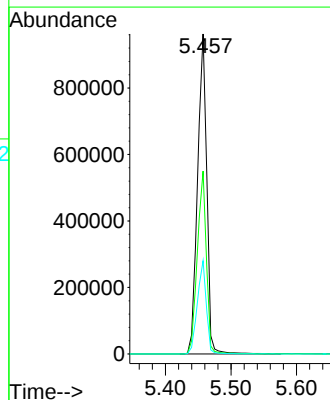
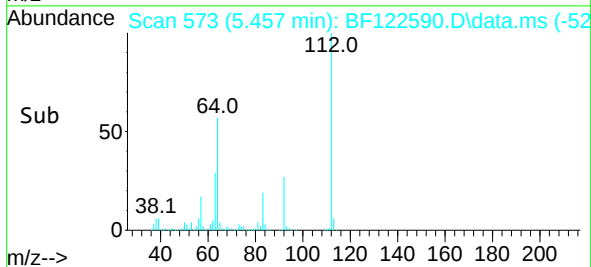
Tgt Ion:152 Resp: 156769
Ion Ratio Lower Upper
152 100
150 153.0 125.8 188.6
115 57.1 49.3 73.9



#5
2-Fluorophenol
Concen: 95.34 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10



Tgt Ion:112 Resp: 944054
Ion Ratio Lower Upper
112 100
64 57.2 46.9 70.3
63 29.1 24.5 36.7



Instrument :
BNA_F
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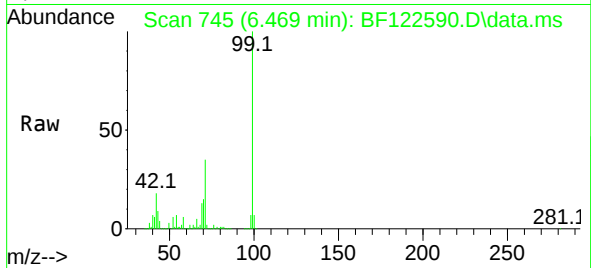
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#7
Phenol-d6
Concen: 90.96 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

Instrument :
BNA_F
ClientSampleId :
4S1-A-D-COMP

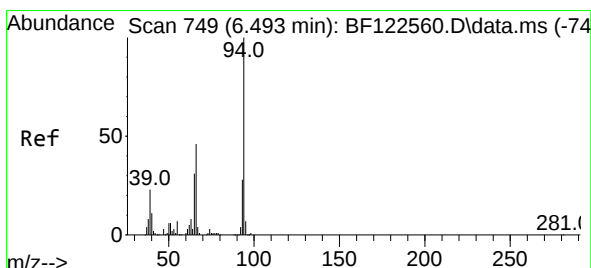
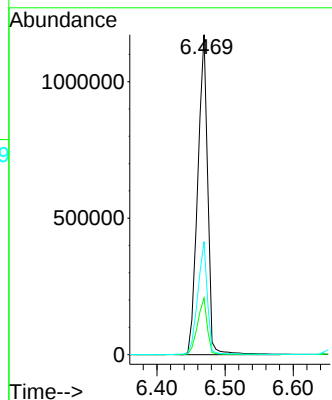
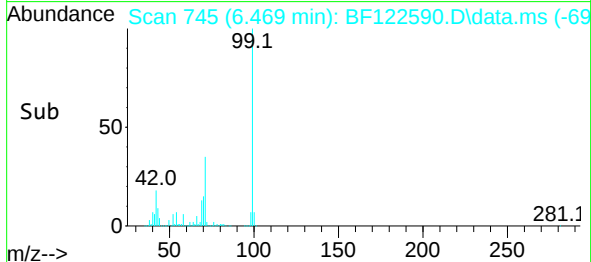


Tgt Ion: 99 Resp: 1194519

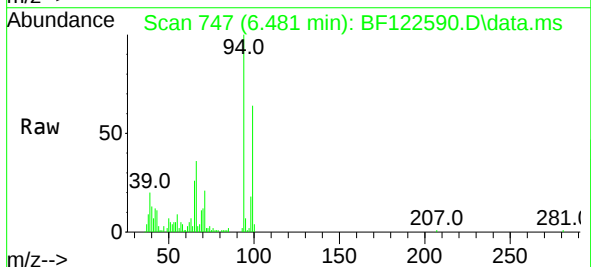
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.8	20.6
71	35.4	26.9	40.3

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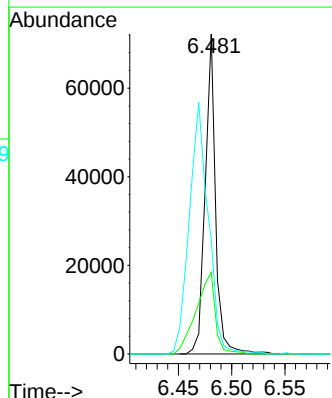
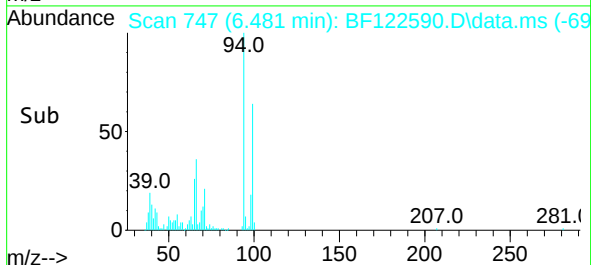


#10
Phenol
Concen: 3.63 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10



Tgt Ion: 94 Resp: 49408

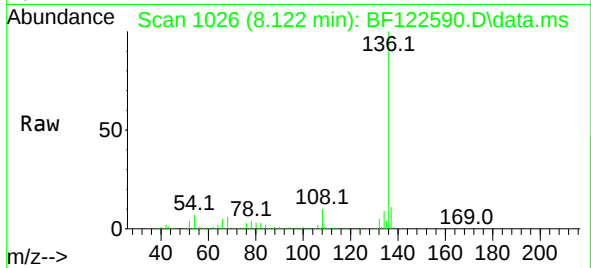
Ion	Ratio	Lower	Upper
94	100		
65	25.5	11.2	51.2
66	35.7	25.8	65.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

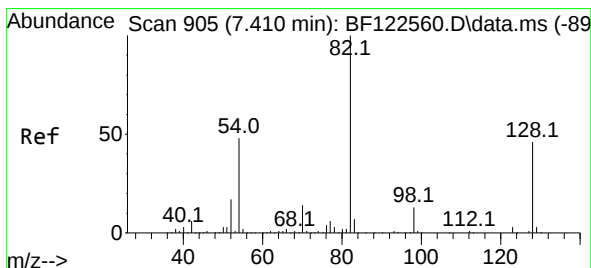
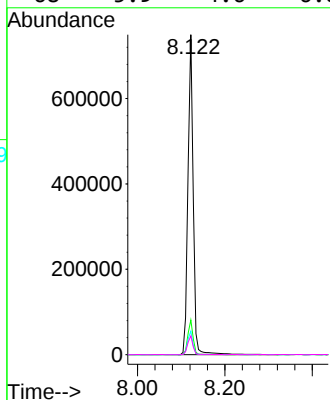
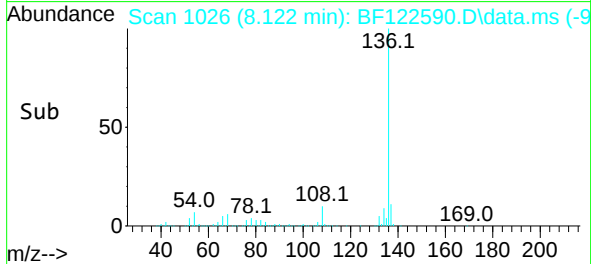
Instrument :
BNA_F
ClientSampleId :
4S1-A-D-COMP



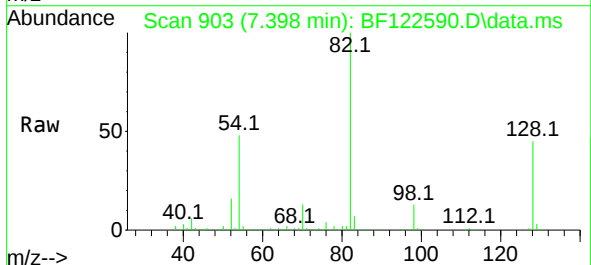
Tgt Ion:136 Resp: 625208
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.3 5.5 8.3
68 5.9 4.6 6.8

Manual Integrations
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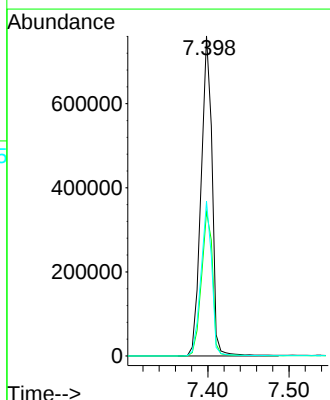
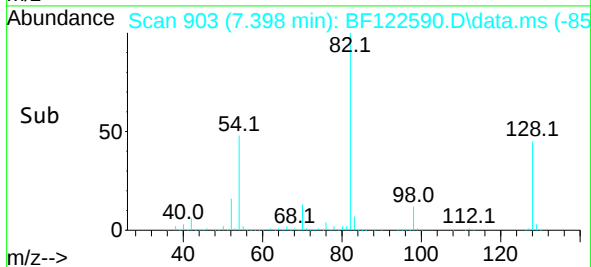
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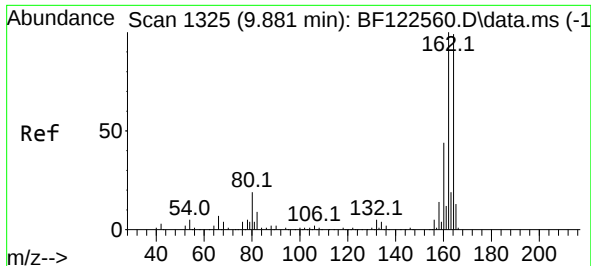


#23
Nitrobenzene-d5
Concen: 57.61 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

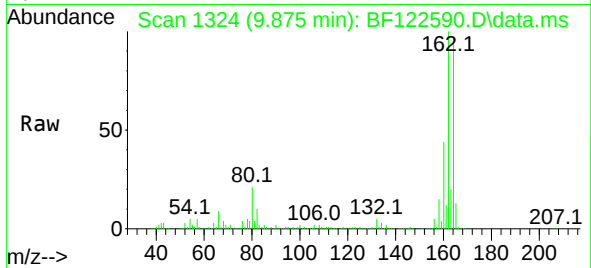


Tgt Ion: 82 Resp: 718922
Ion Ratio Lower Upper
82 100
128 45.0 37.0 55.4
54 48.3 38.4 57.6

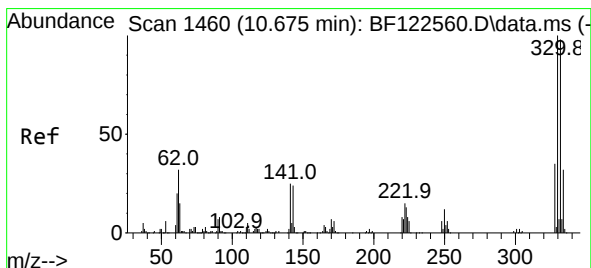
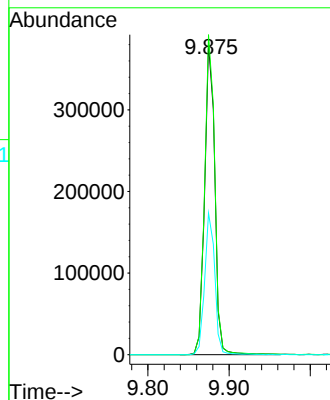
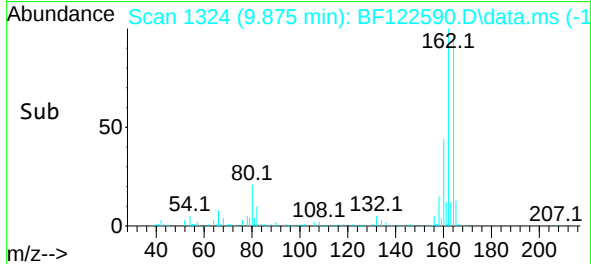




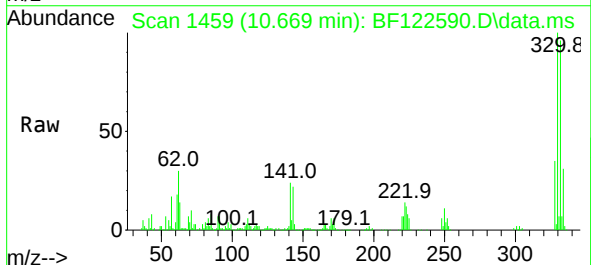
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10



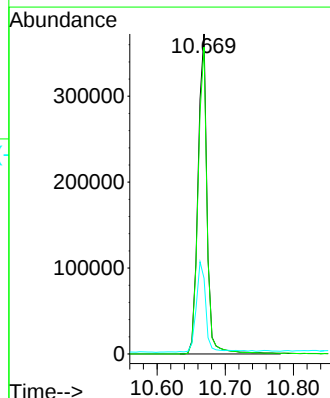
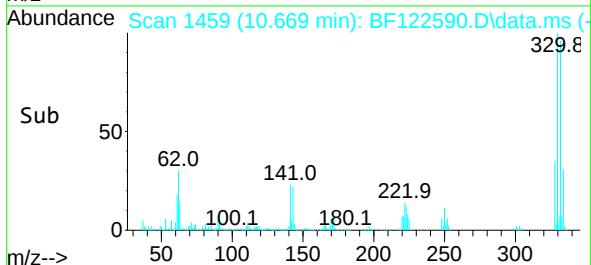
Tgt Ion:164 Resp: 332297
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 45.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 78.36 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10



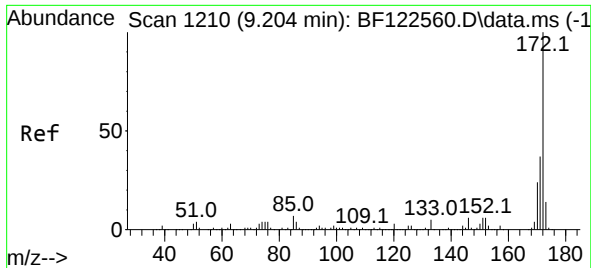
Tgt Ion:330 Resp: 340817
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 28.9 23.8 35.8



Instrument :
BNA_F
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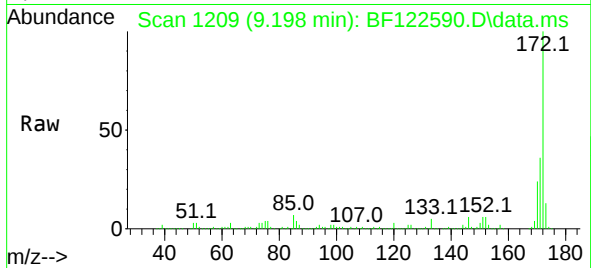
Manual Integrations
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#45
2-Fluorobiphenyl
Concen: 54.17 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

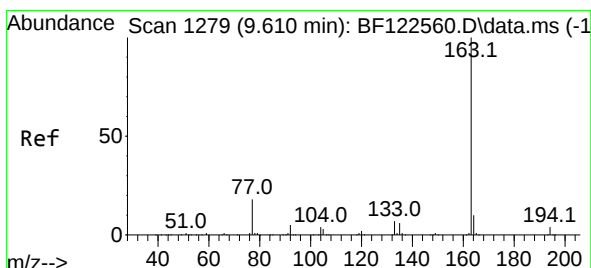
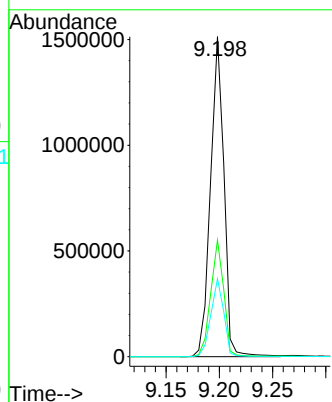
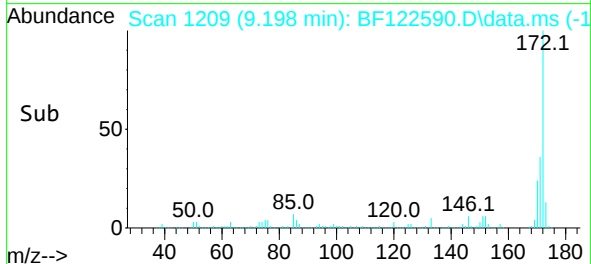
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ClientSampleId :
4S1-A-D-COMP



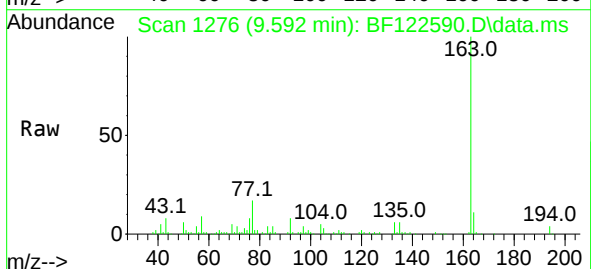
Tgt Ion:172 Resp: 1330754
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.3 19.5 29.3

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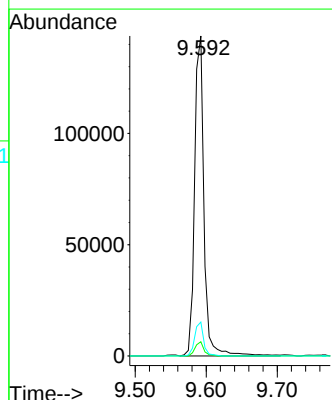
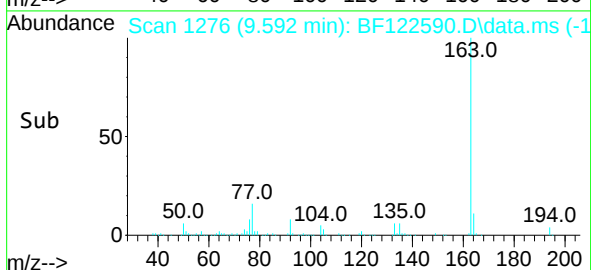
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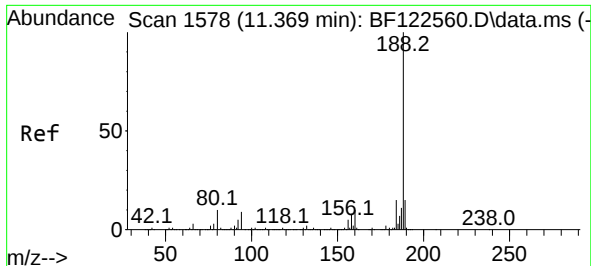


#50
Dimethylphthalate
Concen: 4.99 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10



Tgt Ion:163 Resp: 132502
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.6 8.1 12.1





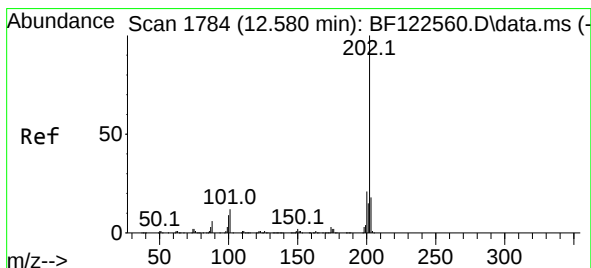
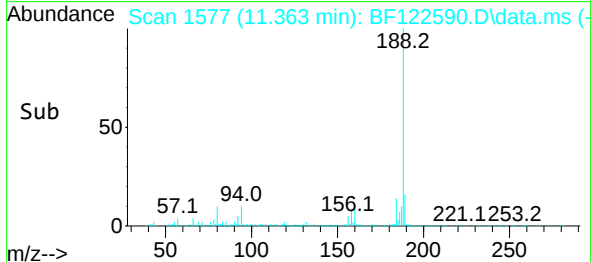
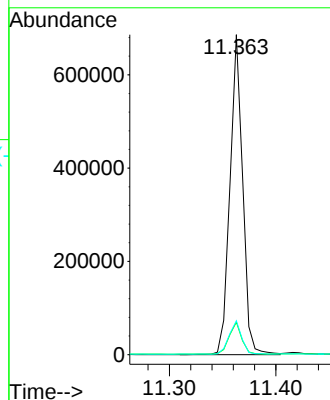
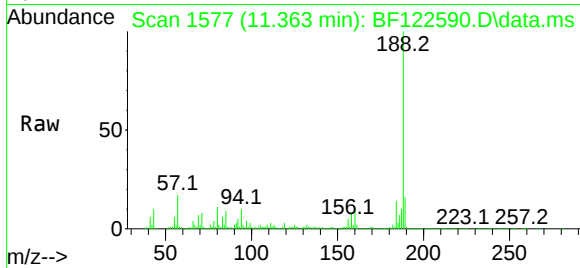
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

Tgt Ion:188 Resp: 569076
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 10.6 8.2 12.4

Instrument :
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4S1-A-D-COMP

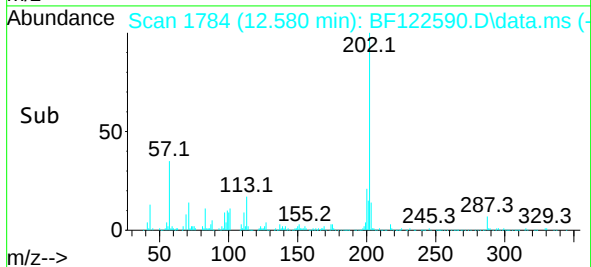
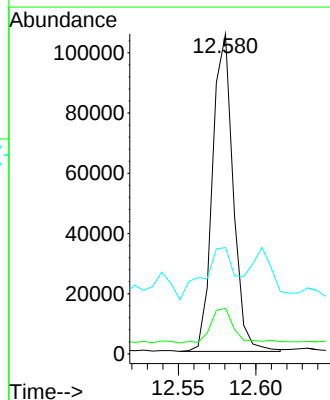
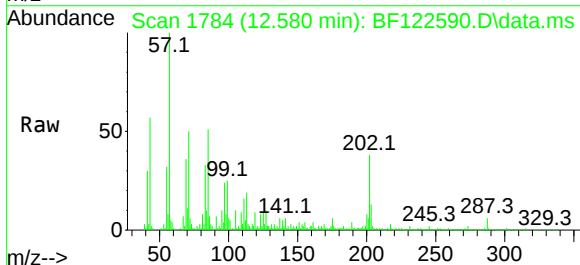
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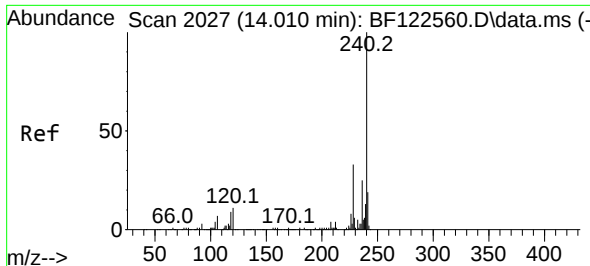
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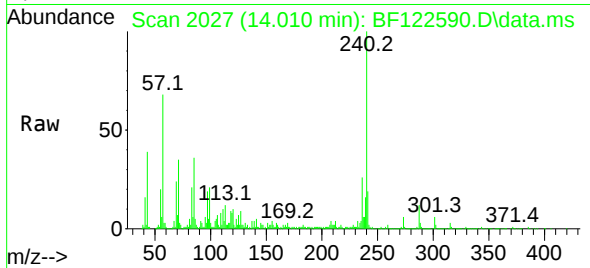
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Fluoranthene
Concen: 2.75 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

Tgt Ion:202 Resp: 97514
Ion Ratio Lower Upper
202 100
101 14.3 0.0 32.2
203 33.3 0.0 38.1

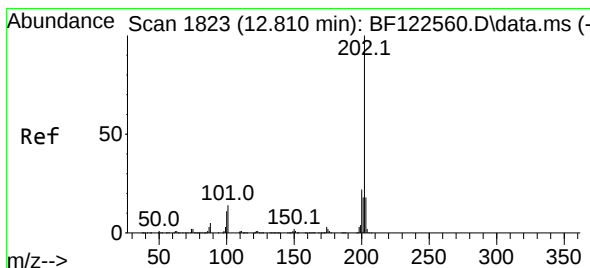
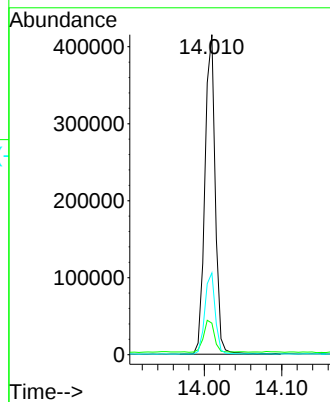
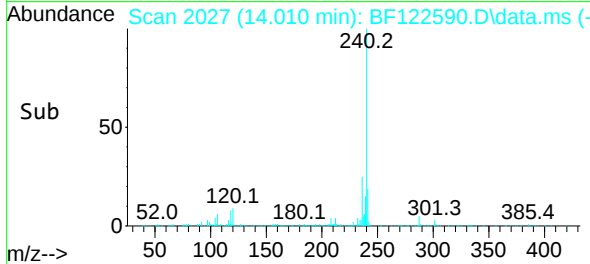




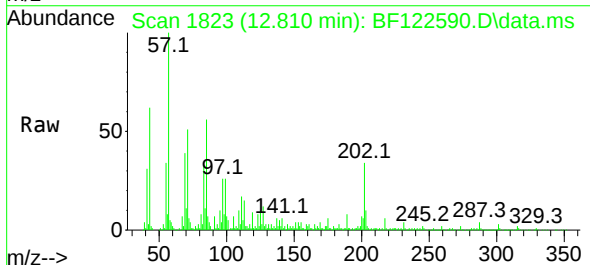
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10



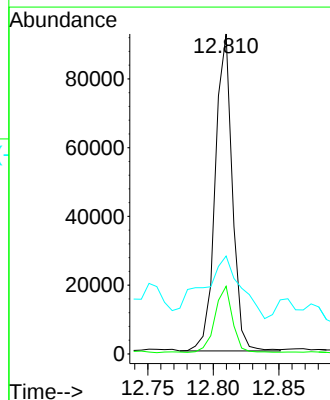
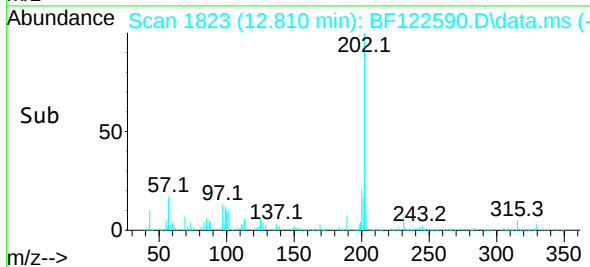
Tgt Ion:240 Resp: 384592
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 25.6 20.3 30.5



#78
Pyrene
Concen: 2.81 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10



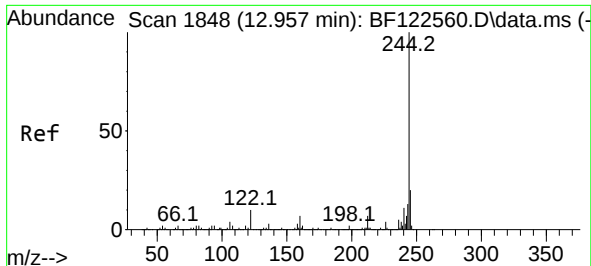
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Ion Ratio Lower Upper
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200 21.2 17.6 26.4
203 30.6 14.6 21.8#



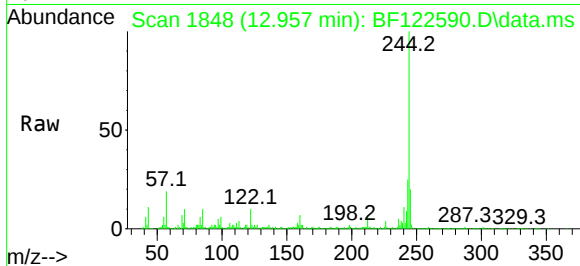
Instrument :
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ClientSampleId :
4S1-A-D-COMP

Manual Integrations
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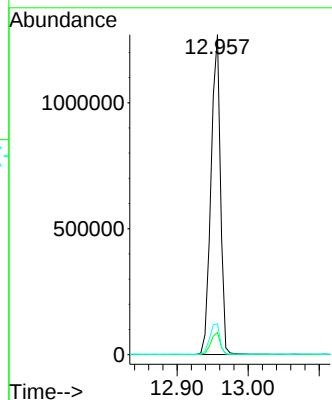
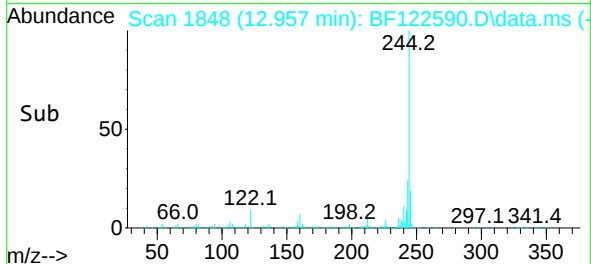
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#79
Terphenyl-d14
Concen: 53.71 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10



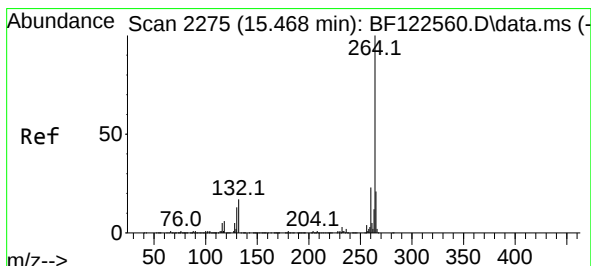
Tgt Ion:244 Resp: 1180050
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.6 8.3 12.5



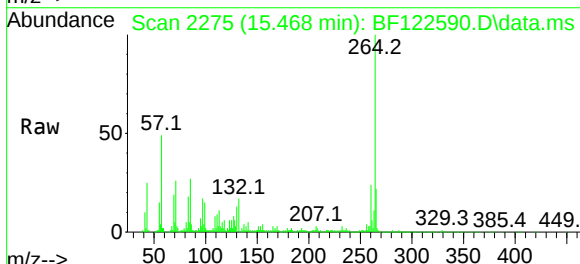
Instrument :
BNA_F
ClientSampleId :
4S1-A-D-COMP

Manual Integrations
APPROVED

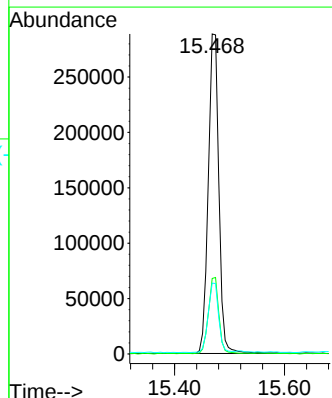
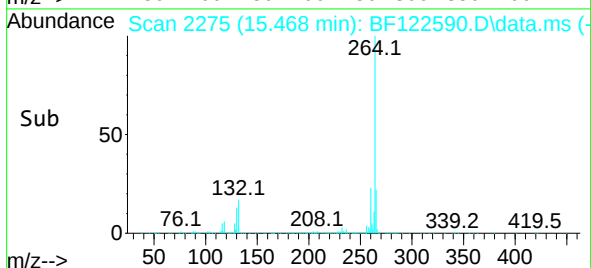
mohammad
12/9/2020 12:26:37 PM

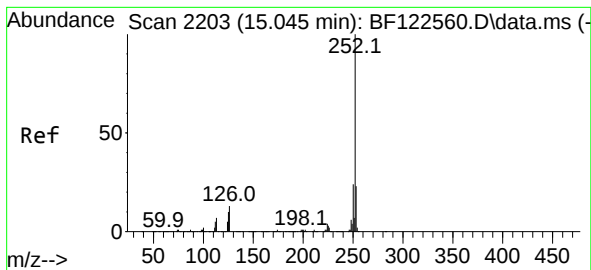


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10



Tgt Ion:264 Resp: 384752
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 22.2 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 2.37 ng m

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF122590.D

Acq: 8 Dec 2020 16:10

Tgt Ion:252 Resp: 63995

Ion Ratio Lower Upper

252 100

253 26.7 18.3 27.5

125 60.0 8.1 12.1#

Instrument :

BNA_F

ClientSampleId :

4S1-A-D-COMP

Manual Integrations

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12/9/2020 12:26:37 PM

