

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119910.D
 Acq On : 10 Apr 2020 22:15
 Operator : MA/SJ
 Sample : L2199-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-39-38-COMP

Manual Integrations
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Quant Time: Apr 11 04:10:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	176814	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	621358	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	265951	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	441979	20.00	ng	0.00
76) Chrysene-d12	13.92	240	359783	20.00	ng	0.00
87) Perylene-d12	15.36	264	283473	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	890642	87.05	ng	0.00
7) Phenol-d6	6.39	99	1078264	81.79	ng	0.00
23) Nitrobenzene-d5	7.32	82	636073	52.96	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	217228	66.71	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1088891	58.13	ng	0.00
79) Terphenyl-d14	12.87	244	985177	46.08	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.51	163	168426	8.188	ng	99
78) Pyrene	12.72	202	86149	2.840	ng	97
88) Benzo(b)fluoranthene	14.94	252	45633m	2.238	ng	
90) Benzo(a)pyrene	15.30	252	43918	2.561	ng	# 92
92) Benzo(g,h,i)perylene	17.19	276	39530	2.637	ng	# 90

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

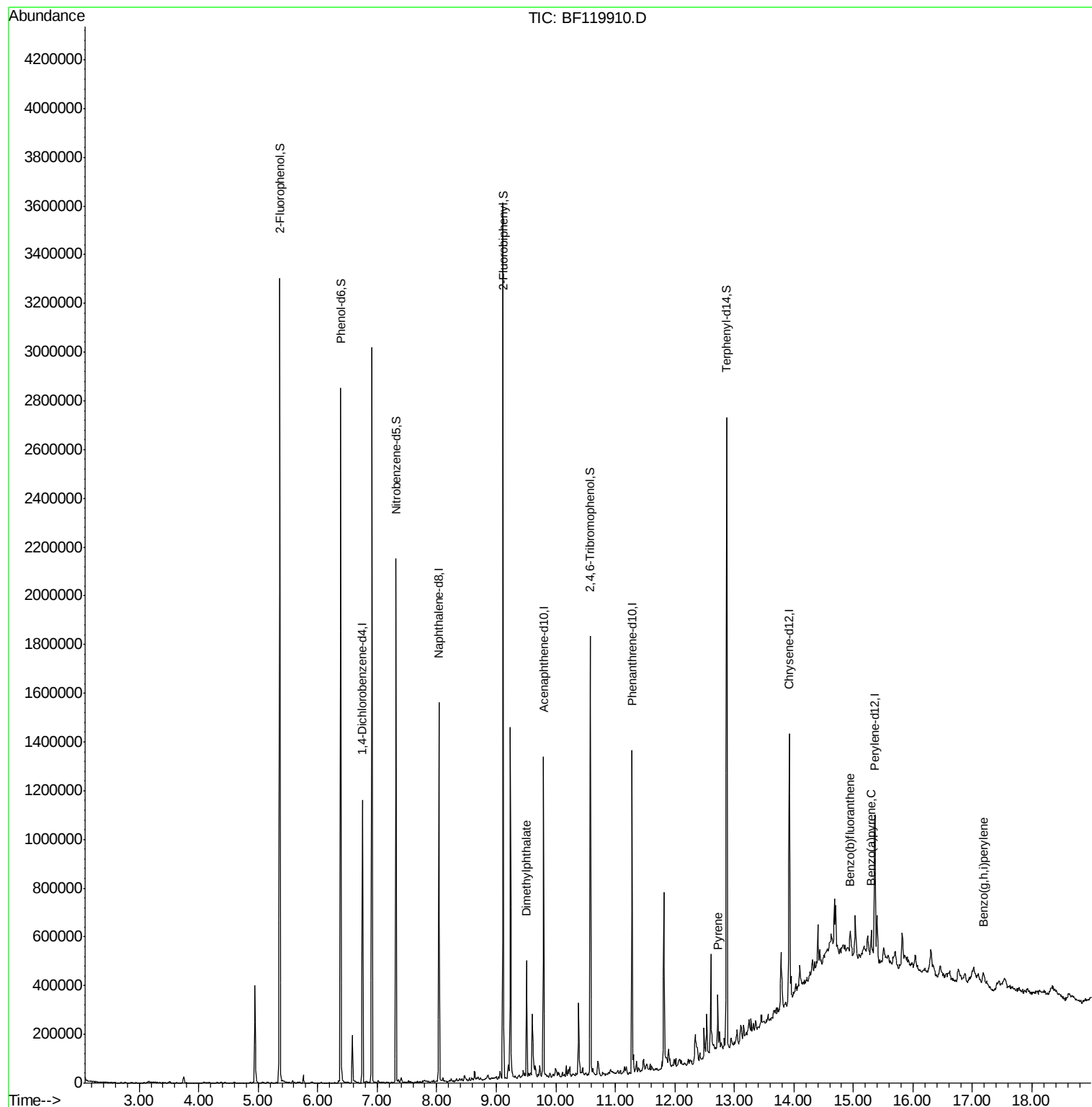
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119910.D
Acq On : 10 Apr 2020 22:15
Operator : MA/SJ
Sample : L2199-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

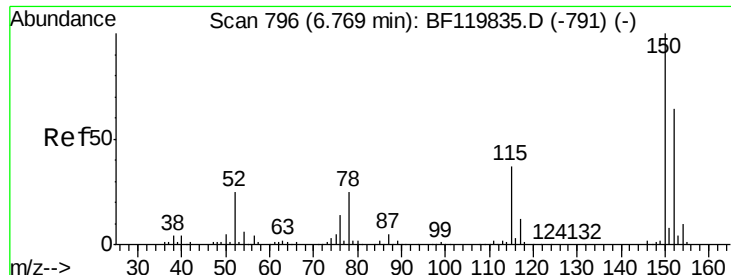
Instrument :
BNA_F
ClientSampleId :
TP-39-38-COMP

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Quant Time: Apr 11 04:10:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 13:48:19 2020
Response via : Initial Calibration





#1

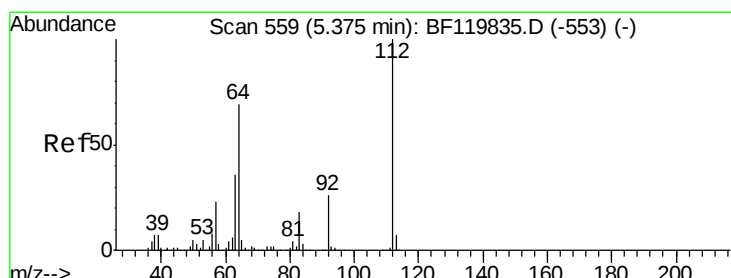
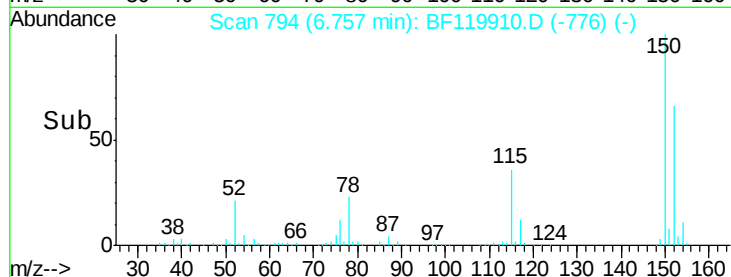
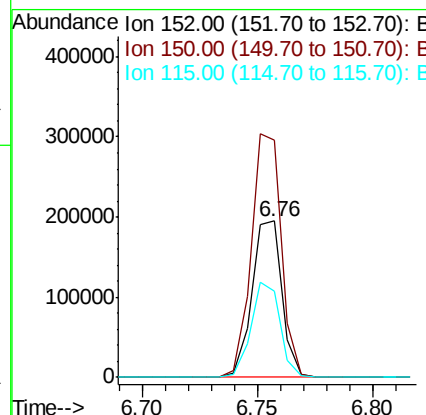
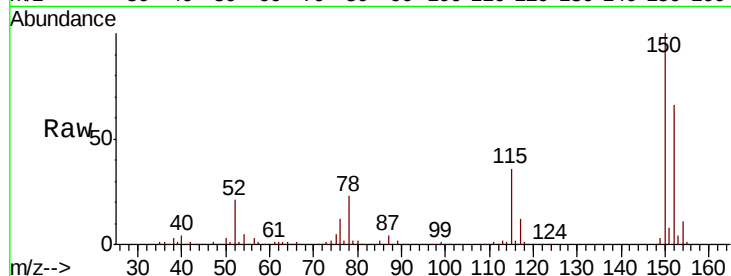
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF119910.D
Acq: 10 Apr 2020 22:15

Instrument :
BNA_F
ClientSampleId :
TP-39-38-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.8	187.2
115	54.8	46.5	69.7

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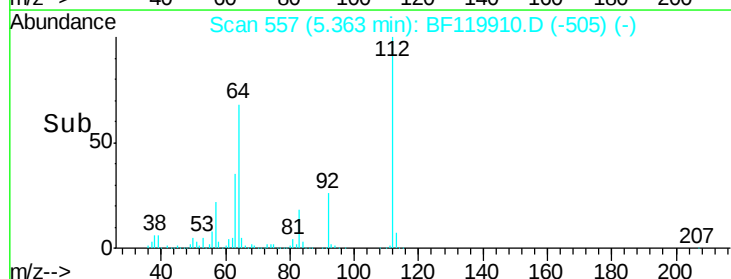
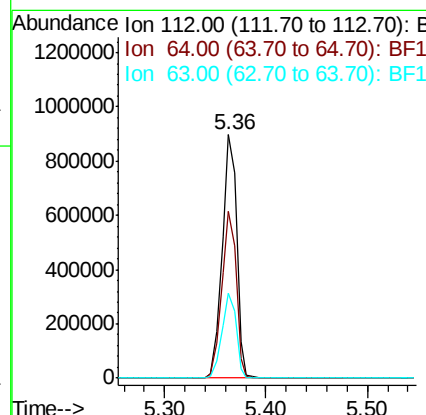
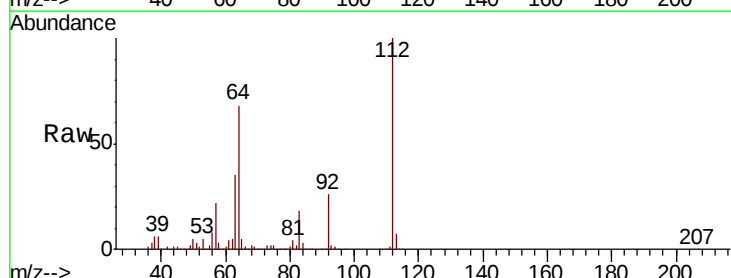
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#5

2-Fluorophenol
Concen: 87.052 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119910.D
Acq: 10 Apr 2020 22:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	55.5	83.3
63	34.9	29.1	43.7





#7

Phenol-d6

Concen: 81.789 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119910.D

Acq: 10 Apr 2020 22:15

Instrument :

BNA_F

ClientSampleId :

TP-39-38-COMP

Tot Ion: 99 Resp: 1078264

Ion Ratio Lower Upper

99 100

42 20.4 16.9 25.3

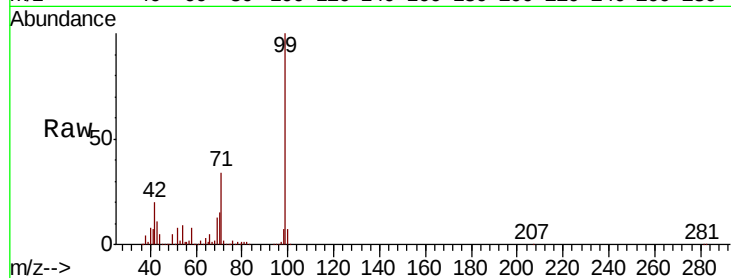
71 33.9 26.3 39.5

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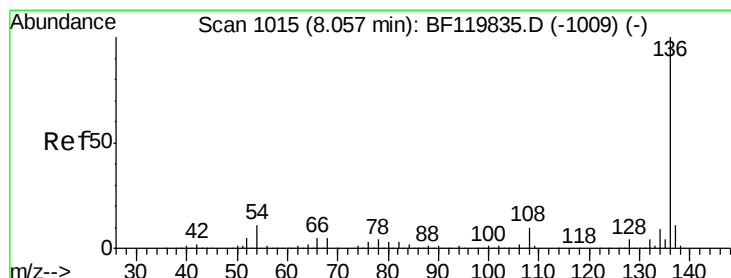
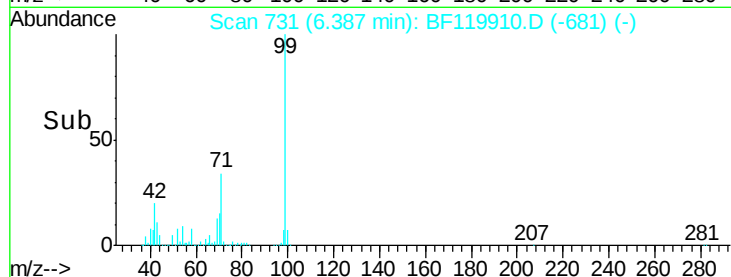
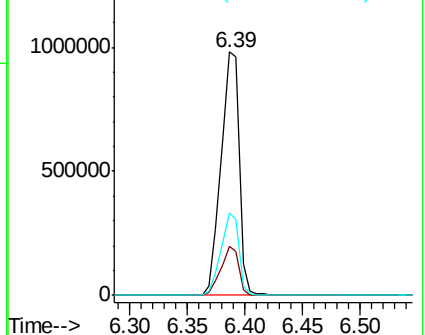
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF119910.D

Acq: 10 Apr 2020 22:15

Tgt Ion: 136 Resp: 621358

Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.8 8.5 12.7

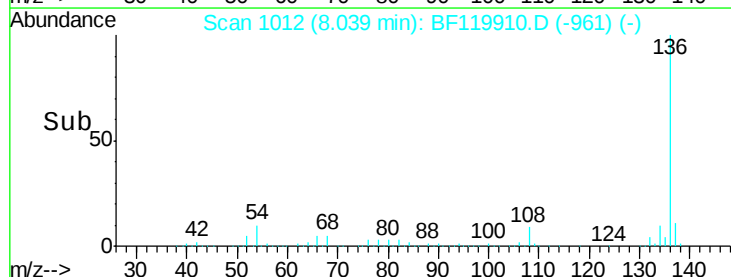
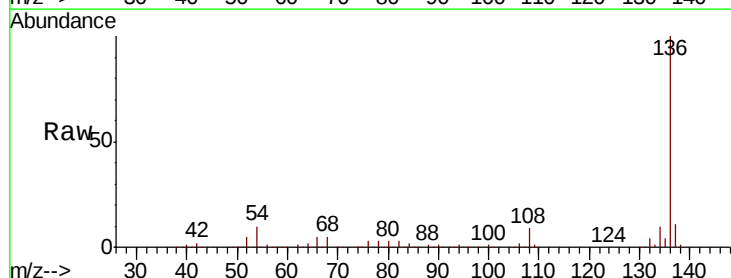
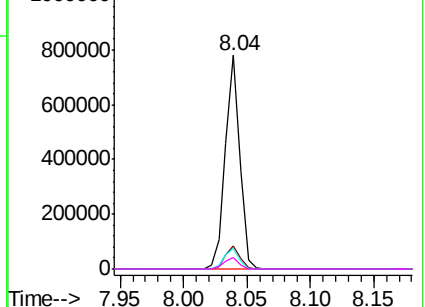
68 5.4 3.9 5.9

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





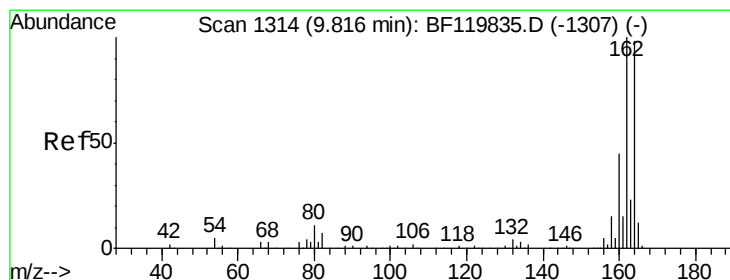
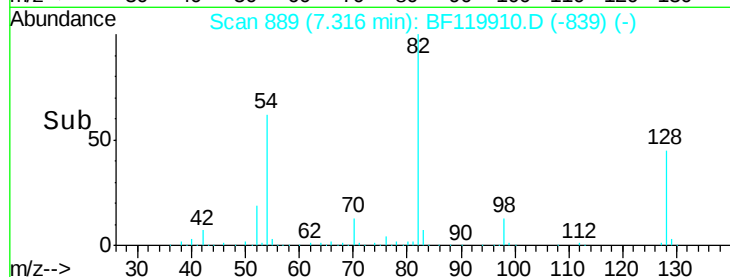
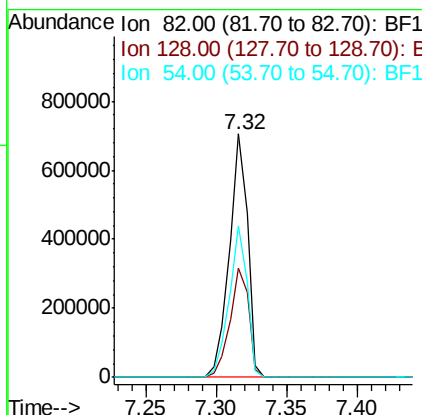
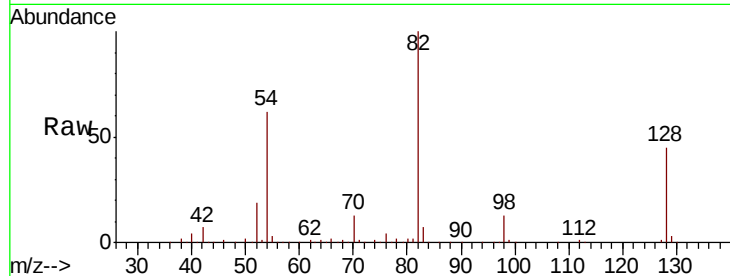
#23
Nitrobenzene-d5
Concen: 52.959 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119910.D
Acq: 10 Apr 2020 22:15

Instrument :
BNA_F
ClientSampleId :
TP-39-38-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.2	54.4
54	62.0	50.4	75.6

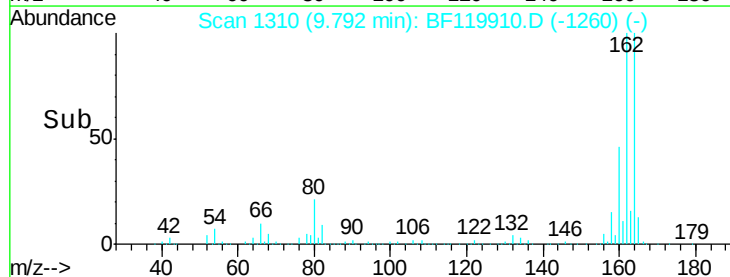
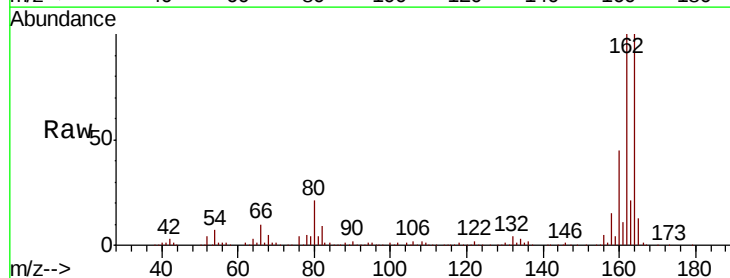
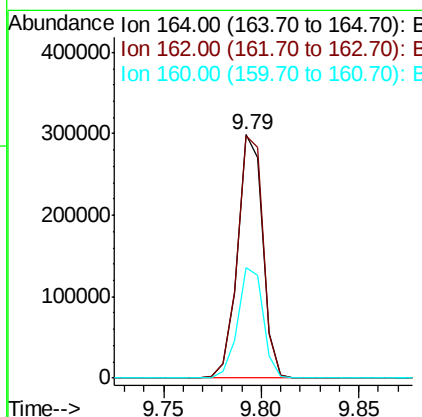
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF119910.D
Acq: 10 Apr 2020 22:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.9	122.9
160	45.3	36.6	54.8





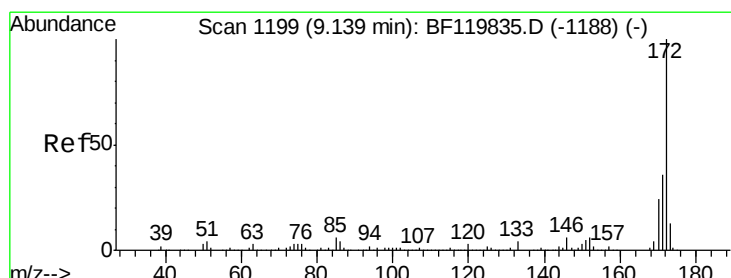
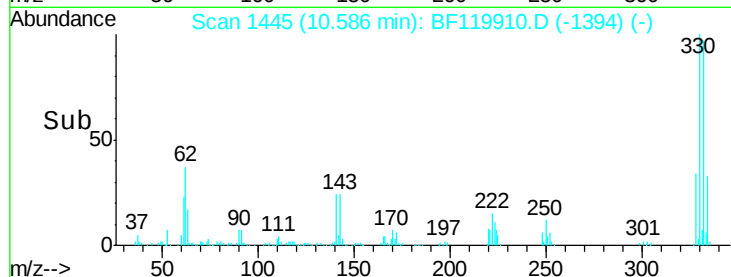
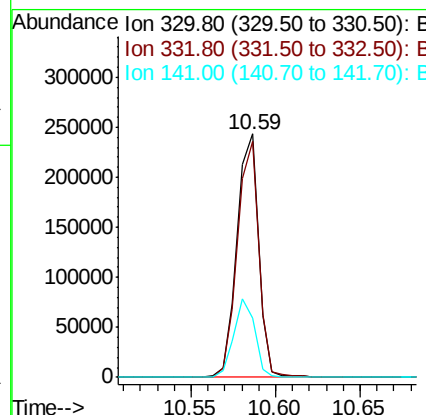
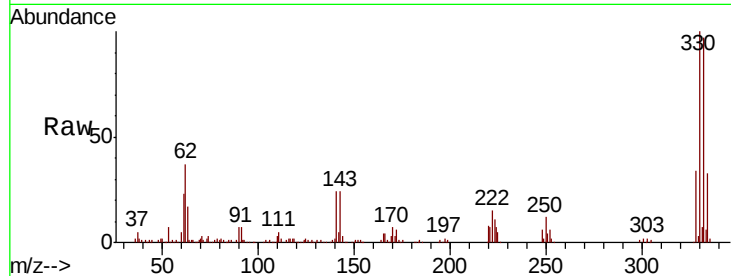
#42
 2,4,6-Tribromophenol
 Concen: 66.713 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BF119910.D
 Acq: 10 Apr 2020 22:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-39-38-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	217228		
332	96.3	76.8	115.2	
141	30.8	25.1	37.7	

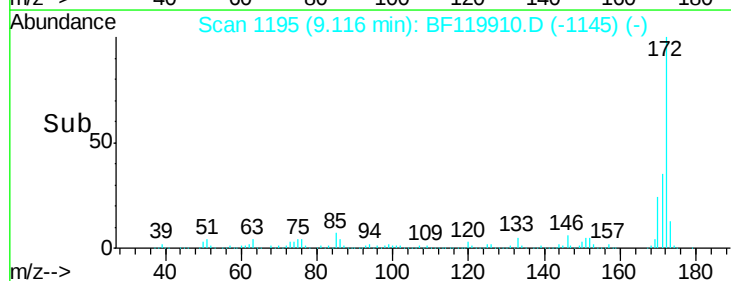
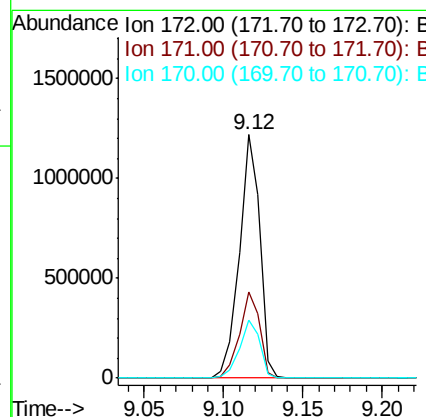
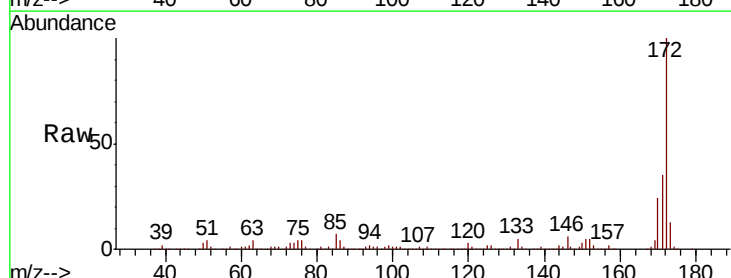
Manual Integrations
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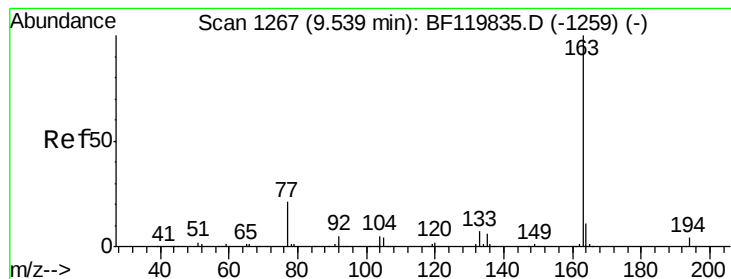
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#45
 2-Fluorobiphenyl
 Concen: 58.131 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF119910.D
 Acq: 10 Apr 2020 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1088891		
171	35.4	28.9	43.3	
170	23.8	19.4	29.2	





#50

Dimethylphthalate

Concen: 8.188 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF119910.D

Acq: 10 Apr 2020 22:15

Instrument :

BNA_F

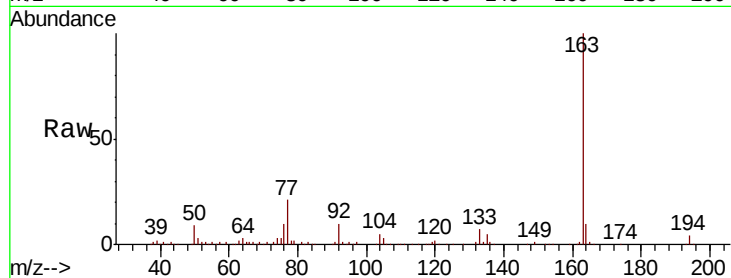
ClientSampleId :

TP-39-38-COMP

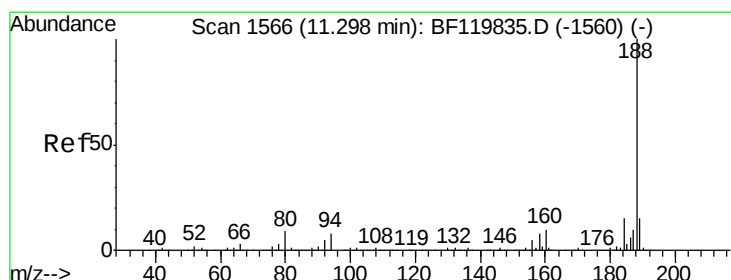
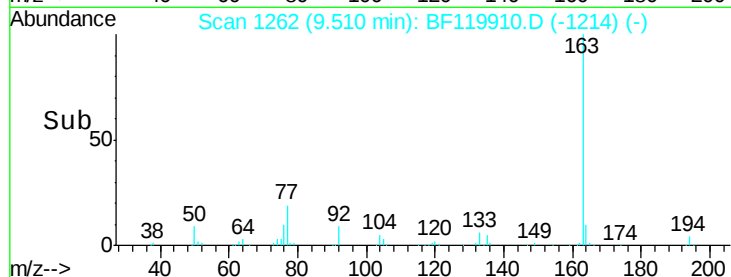
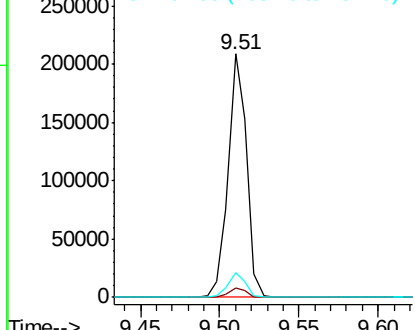
Tot Ion:	163	Resp:	168426
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.0	4.4
164	9.9	8.4	12.6

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

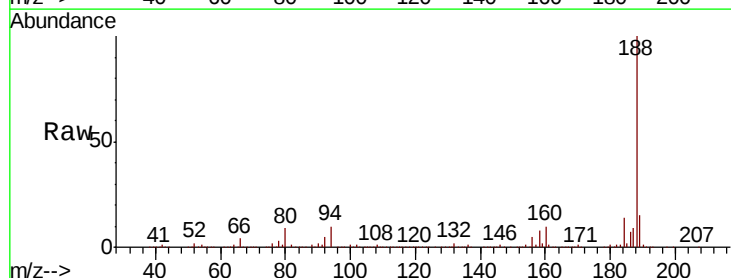
RT: 11.28 min Scan# 1563

Delta R.T. 0.00 min

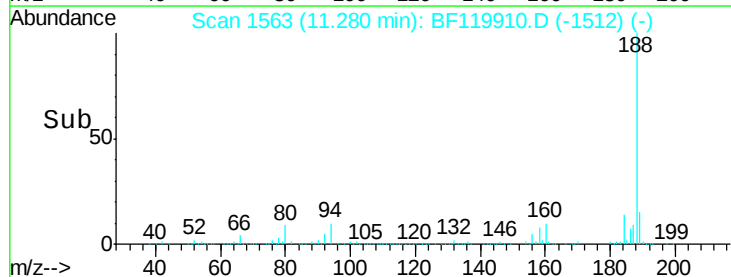
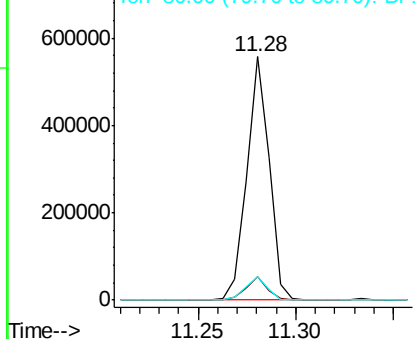
Lab File: BF119910.D

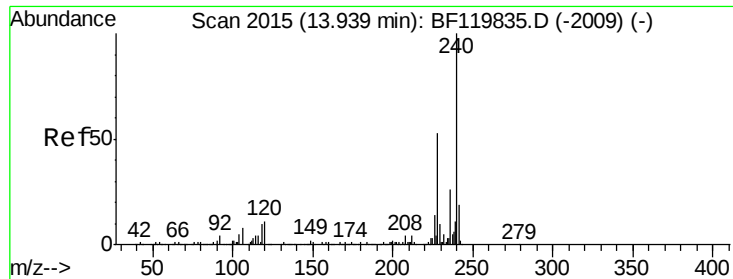
Acq: 10 Apr 2020 22:15

Tgt Ion:	188	Resp:	441979
Ion Ratio	Lower	Upper	
188	100		
94	9.8	6.7	10.1
80	9.5	7.4	11.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF119910.D

Acq: 10 Apr 2020 22:15

Instrument :

BNA_F

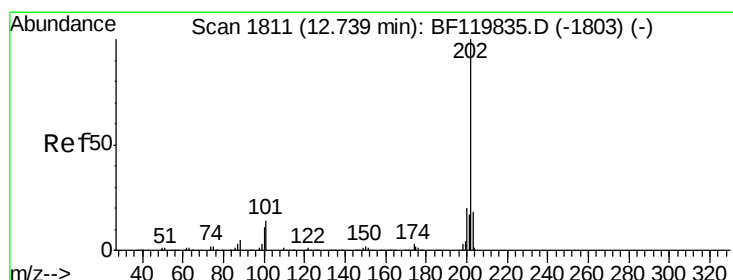
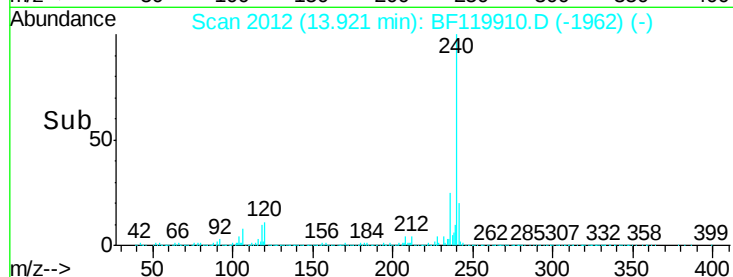
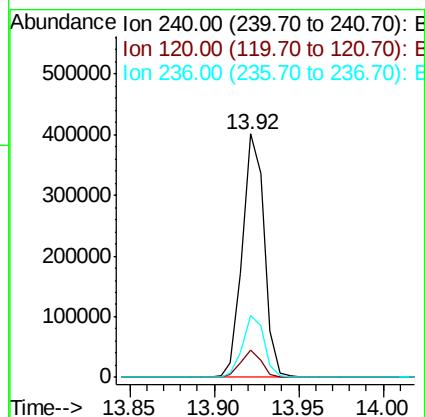
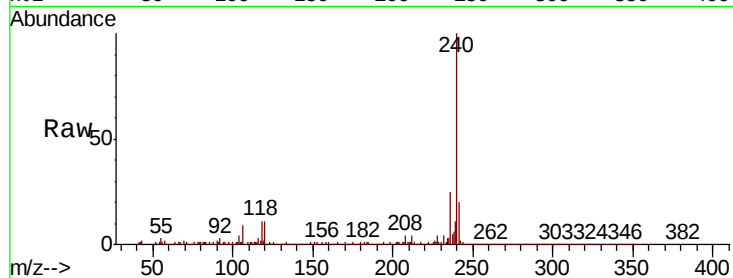
ClientSampleId :

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Tot Ion:	240	Resp:	359783
Ion Ratio	Lower	Upper	
240	100		
120	11.5	9.0	13.6
236	25.3	20.7	31.1

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#78

Pyrene

Concen: 2.840 ng

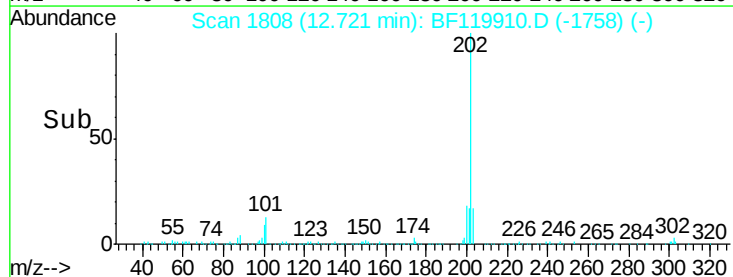
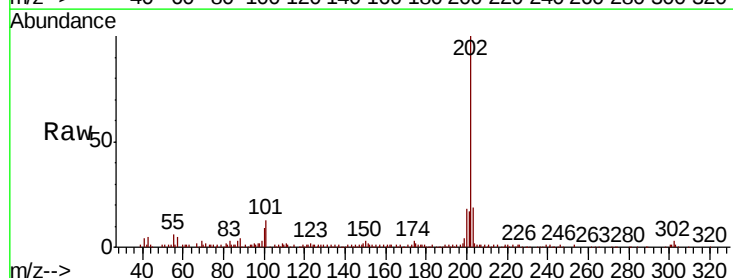
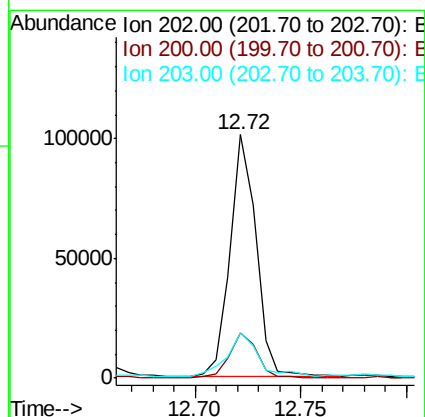
RT: 12.72 min Scan# 1808

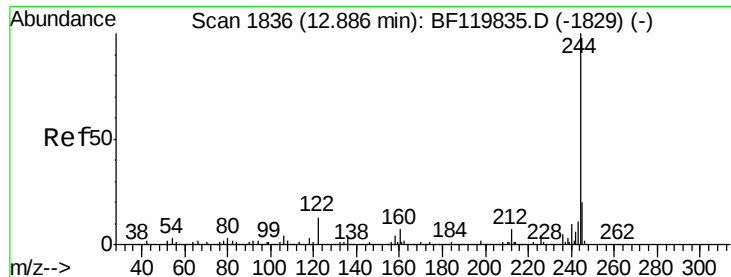
Delta R.T. -0.01 min

Lab File: BF119910.D

Acq: 10 Apr 2020 22:15

Tgt Ion:	202	Resp:	86149
Ion Ratio	Lower	Upper	
202	100		
200	18.4	16.2	24.2
203	18.7	14.1	21.1





#79

Terphenyl-d14

Concen: 46.075 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF119910.D

Acq: 10 Apr 2020 22:15

Instrument :

BNA_F

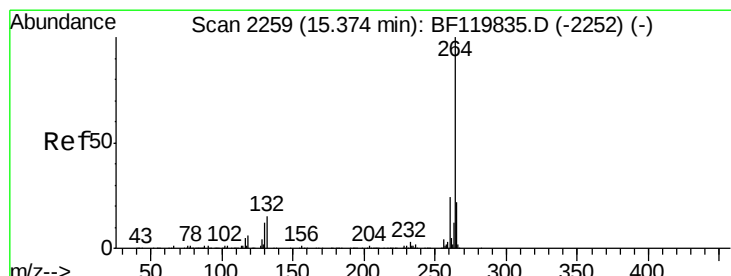
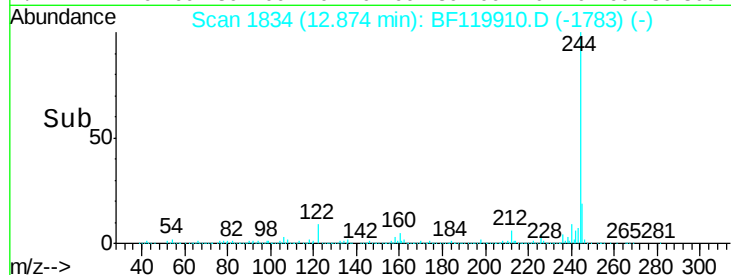
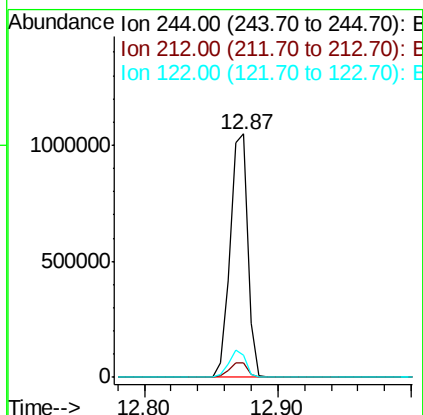
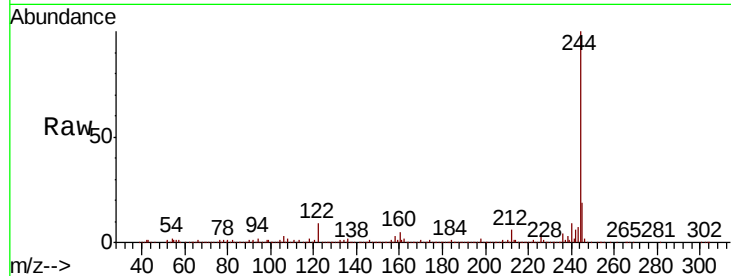
ClientSampleId :

TP-39-38-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.4	8.0
122	9.1	10.3	15.5

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#87

Perylene-d12

Concen: 20.000 ng

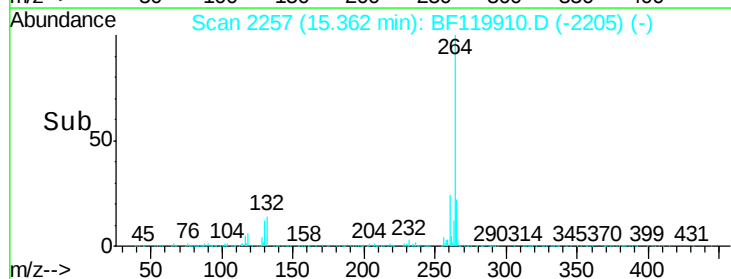
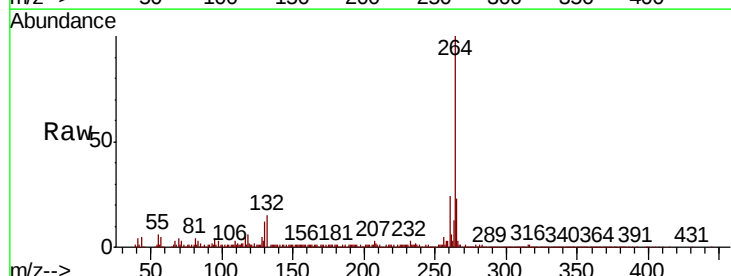
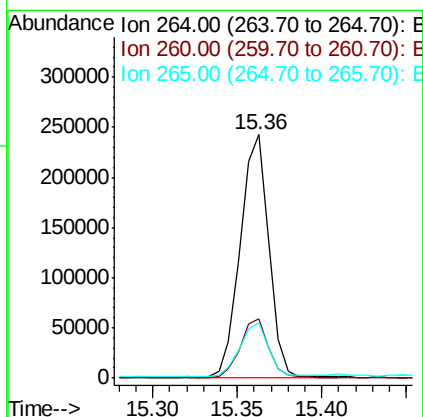
RT: 15.36 min Scan# 2257

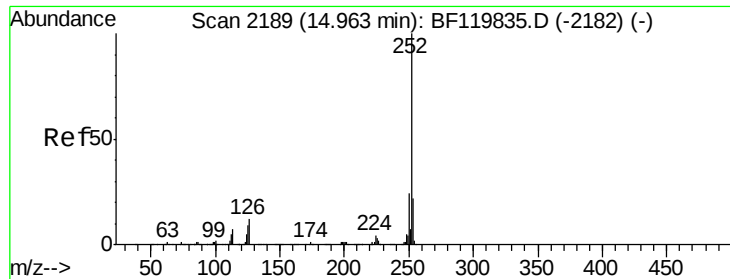
Delta R.T. 0.01 min

Lab File: BF119910.D

Acq: 10 Apr 2020 22:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	22.7	17.6	26.4





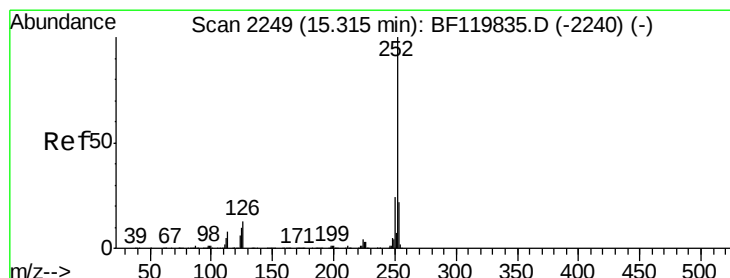
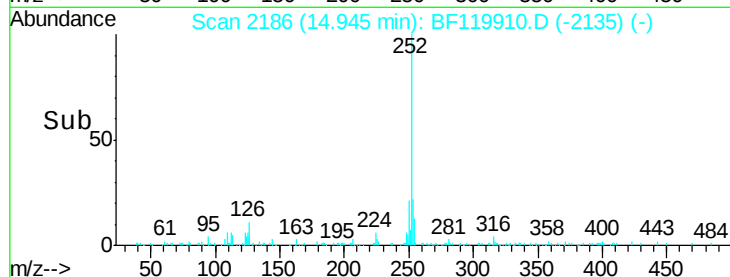
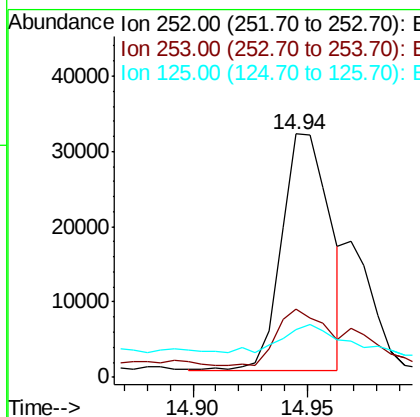
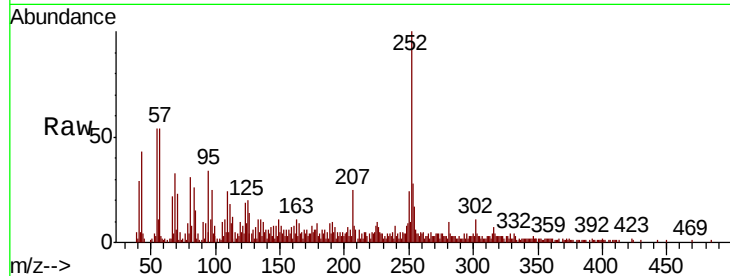
#88
Benzo(b)fluoranthene
Concen: 2.238 ng m
RT: 14.94 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BF119910.D
Acq: 10 Apr 2020 22:15

Instrument :
BNA_F
ClientSampleId :
TP-39-38-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.7	26.5#
125	19.5	7.4	11.2#

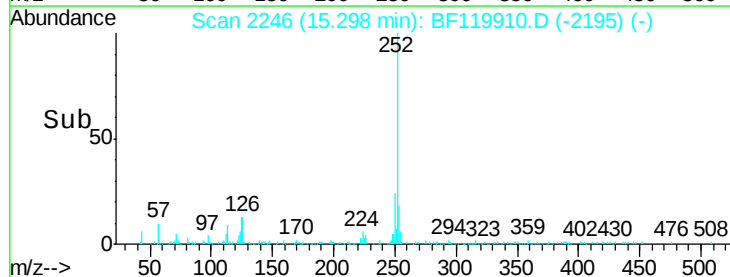
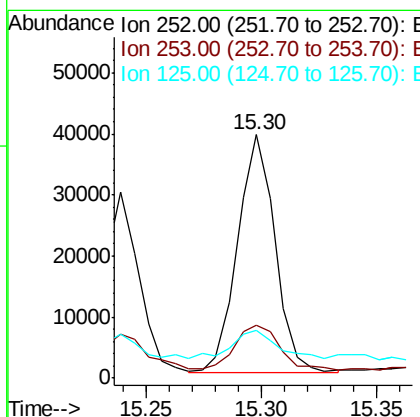
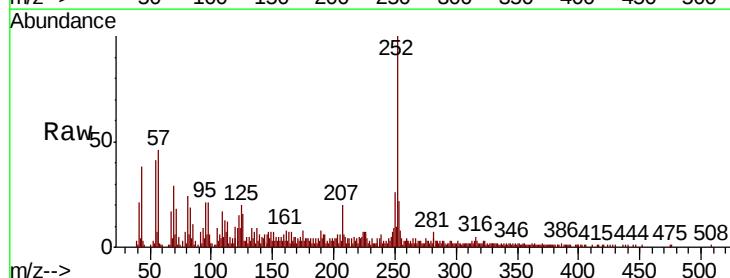
Manual Integrations
APPROVED

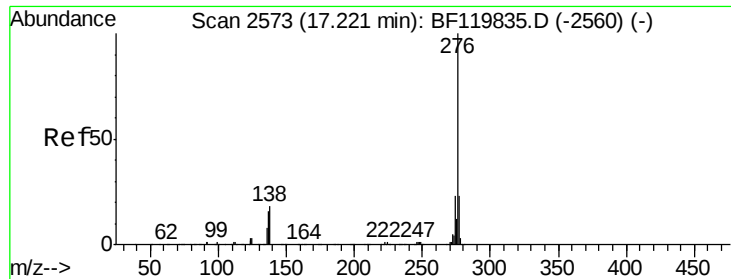
mohammad
4/14/2020 3:39:34 PM



#90
Benzo(a)pyrene
Concen: 2.561 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.00 min
Lab File: BF119910.D
Acq: 10 Apr 2020 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	19.7	8.3	12.5#





#92
 Benzo(a,h,i)perylene
 Concen: 2.637 ng
 RT: 17.19 min Scan# 2567
 Delta R.T. -0.01 min
 Lab File: BF119910.D
 Acq: 10 Apr 2020 22:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-39-38-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.5	27.7
138	24.1	14.6	22.0

Manual Integrations
 APPROVED

mohammad
 4/14/2020 3:39:34 PM

