

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111684.D
 Acq On : 21 Dec 2018 13:44
 Operator : JU/SJ
 Sample : J6362-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-3

Manual Integrations
 APPROVED

Sohil
 12/26/2018 3:10:40 PM

Quant Time: Dec 21 23:09:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	208171	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	772768	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	357942	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	554186	20.00	ng	0.00
76) Chrysene-d12	14.05	240	461284	20.00	ng	0.00
87) Perylene-d12	15.53	264	342172	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1245505	101.98	ng	0.00
7) Phenol-d6	6.53	99	1629974	104.87	ng	0.00
23) Nitrobenzene-d5	7.45	82	1041760	78.47	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	382841	90.52	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1862636	75.85	ng	0.00
79) Terphenyl-d14	13.00	244	1467830	60.34	ng	0.00
Target Compounds						
10) Phenol	6.53	94	114417	6.524	ng	95
50) Dimethylphthalate	9.64	163	171242	6.542	ng	97
75) Fluoranthene	12.62	202	75228	2.528	ng	96
78) Pyrene	12.85	202	84251	2.586	ng	97
88) Benzo(b)fluoranthene	15.09	252	58009m	2.901	ng	
90) Benzo(a)pyrene	15.46	252	37937	2.088	ng	98

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

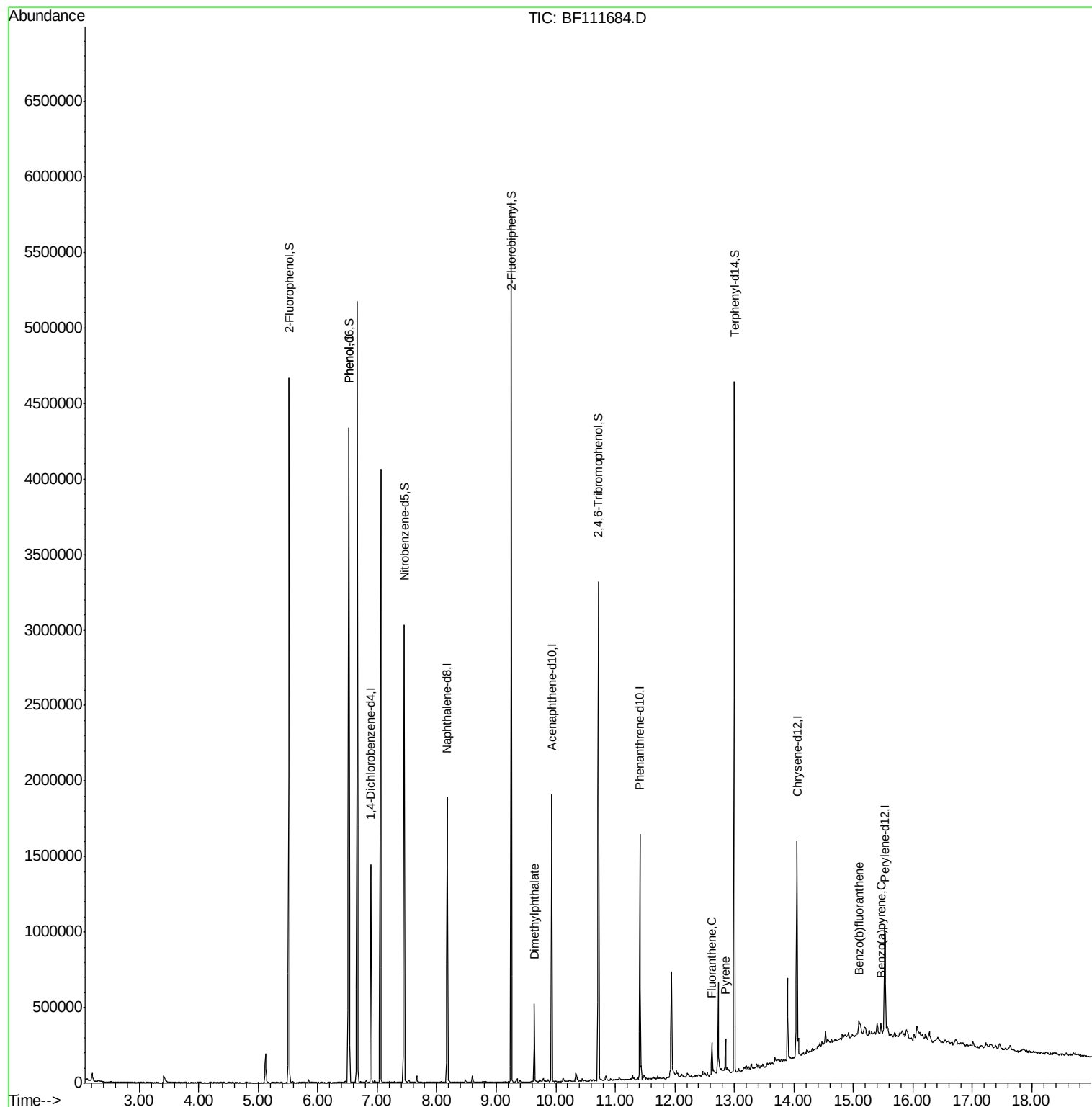
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111684.D
Acq On : 21 Dec 2018 13:44
Operator : JU/SJ
Sample : J6362-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

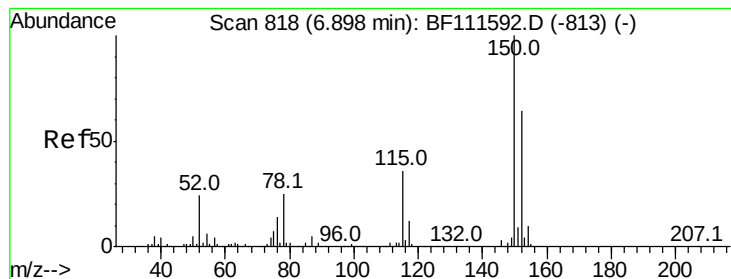
Instrument :
BNA_F
ClientSampleId :
P-3

Manual Integrations
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Quant Time: Dec 21 23:09:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
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#1

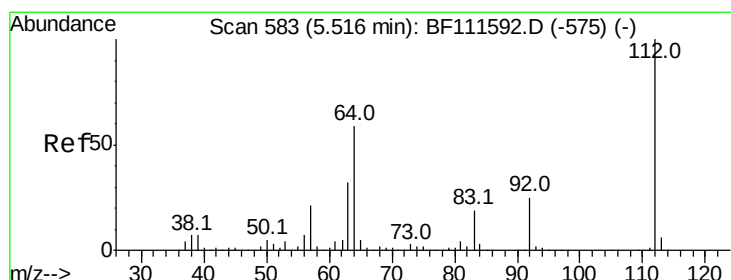
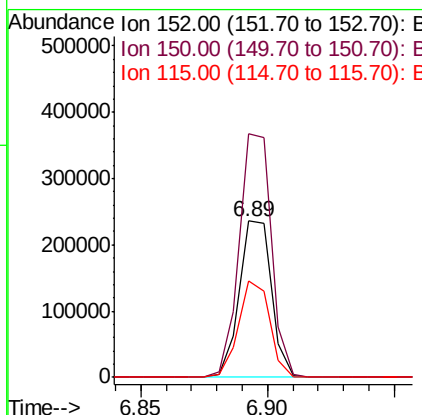
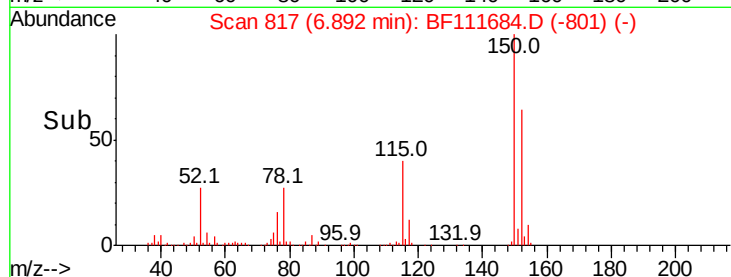
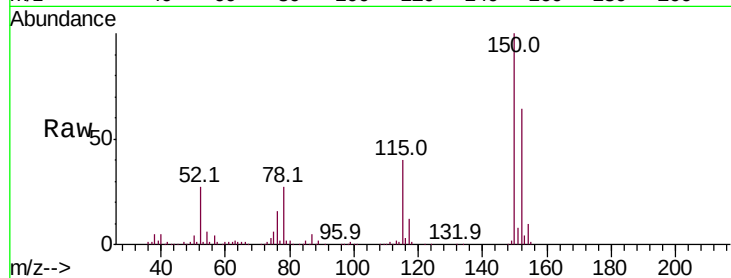
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_F
ClientSampled :
P-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	61.6	50.7	76.1

Manual Integrations
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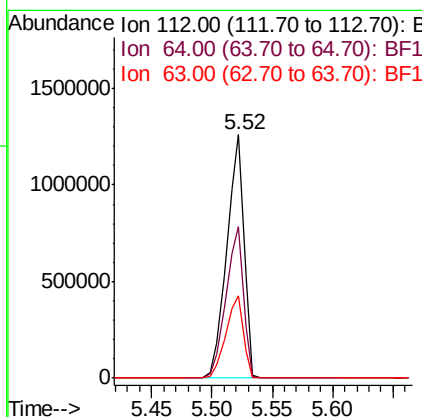
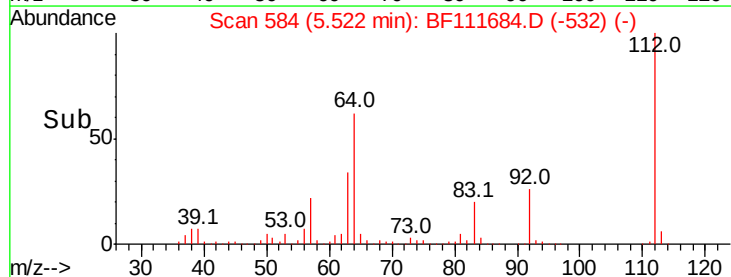
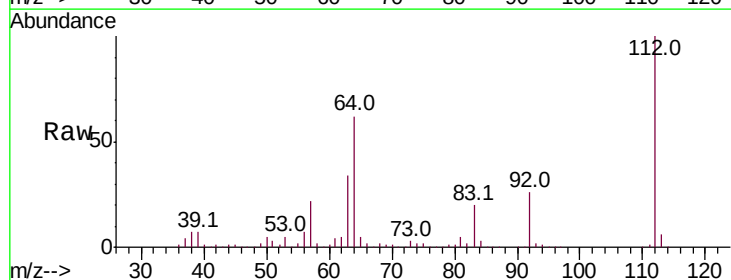
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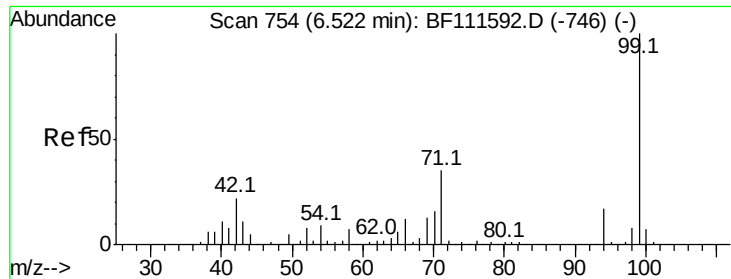


#5

2-Fluorophenol
Concen: 101.984 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	51.8	77.6
63	34.1	26.8	40.2





#7

Phenol-d6

Concen: 104.871 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF111684.D

Acq: 21 Dec 2018 13:44

Instrument :

BNA_F

ClientSampled :

P-3

Tot Ion: 99 Resp: 1629974

Ion Ratio Lower Upper

99 100

42 21.1 17.4 26.0

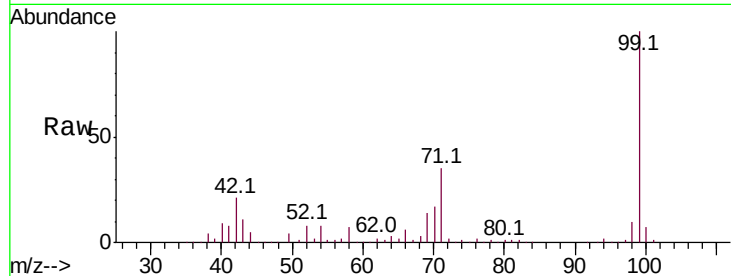
71 35.5 26.1 39.1

Manual Integrations

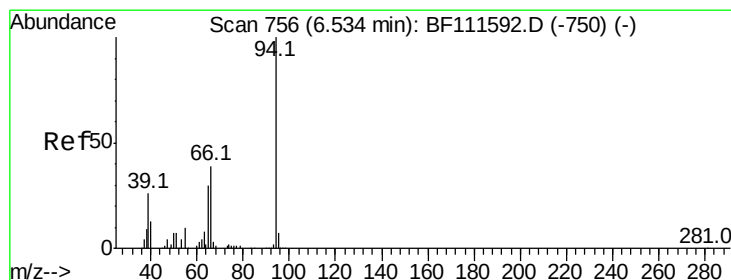
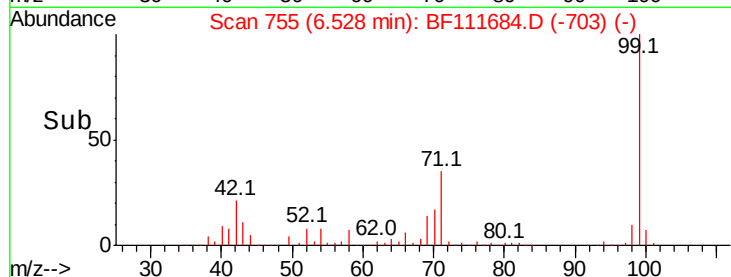
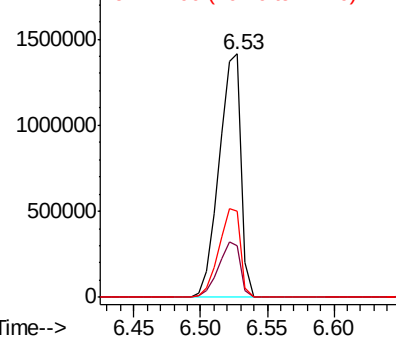
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.524 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111684.D

Acq: 21 Dec 2018 13:44

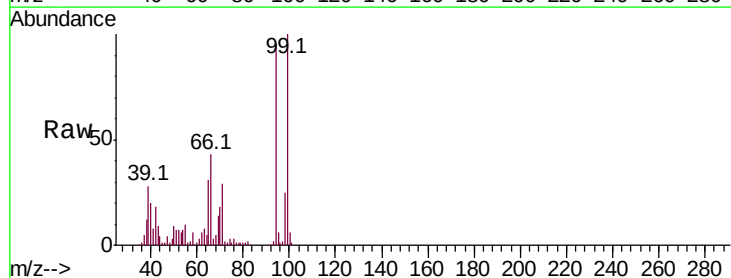
Tgt Ion: 94 Resp: 114417

Ion Ratio Lower Upper

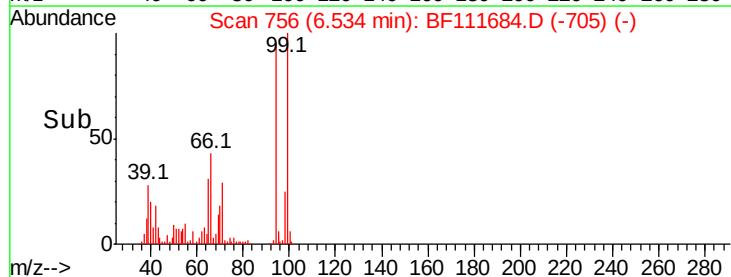
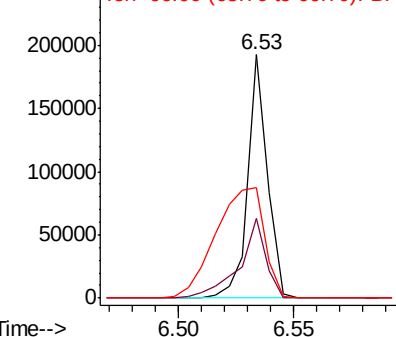
94 100

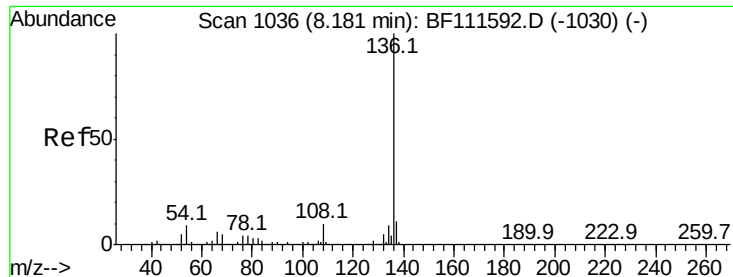
65 32.5 11.7 51.7

66 45.3 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111684.D

Acq: 21 Dec 2018 13:44

Instrument :

BNA_F

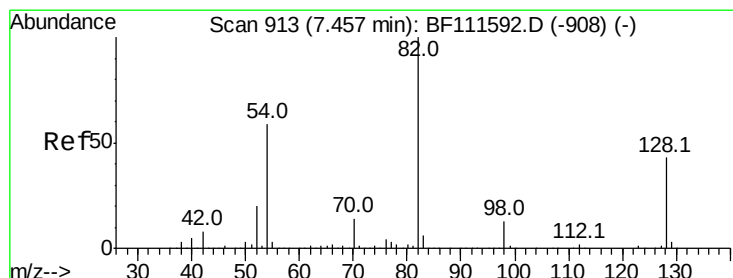
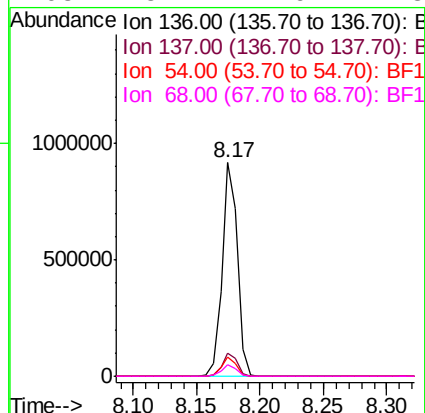
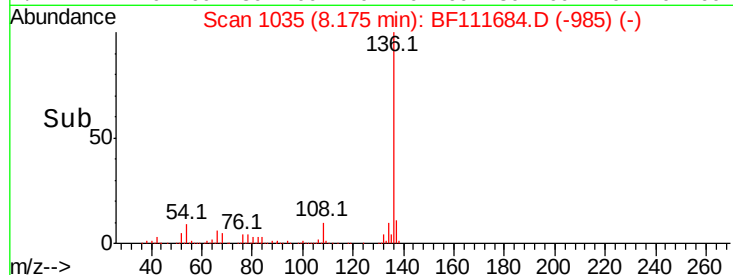
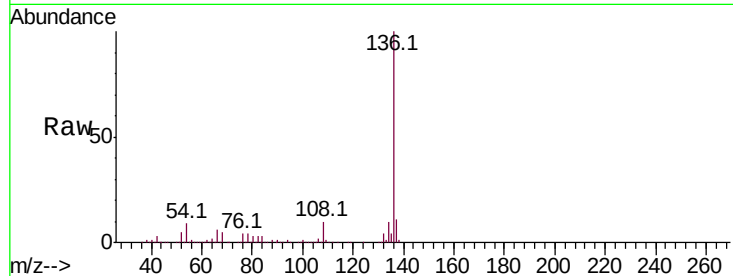
ClientSampleId :

P-3

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.1	7.7	11.5
68	5.4	4.9	7.3

Manual Integrations
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#23

Nitrobenzene-d5

Concen: 78.469 ng

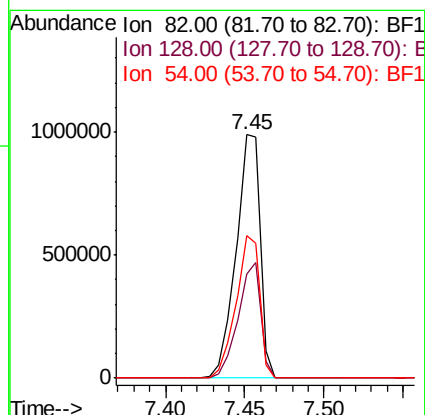
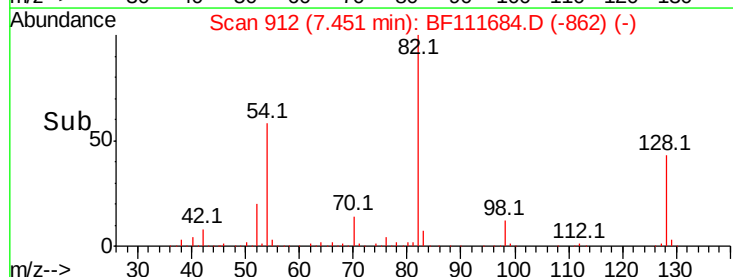
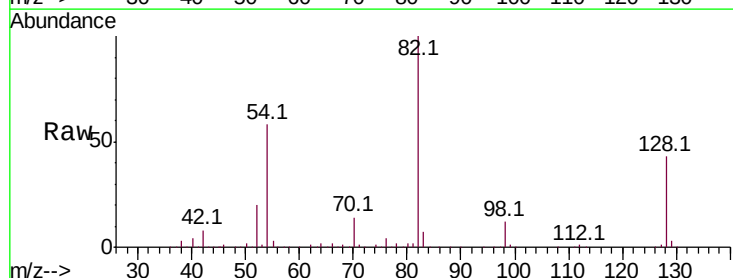
RT: 7.45 min Scan# 912

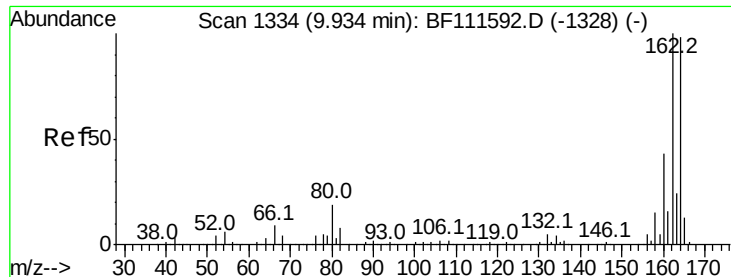
Delta R.T. -0.01 min

Lab File: BF111684.D

Acq: 21 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	37.4	56.2
54	58.5	47.6	71.4





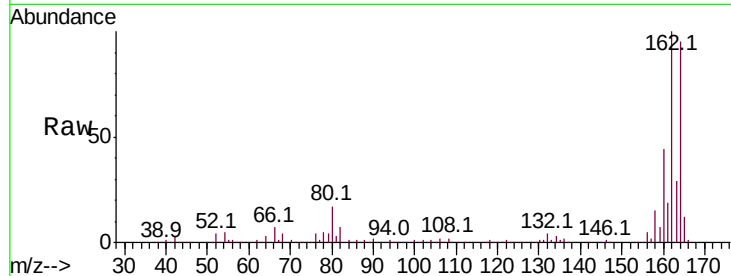
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_F
ClientSampled :
P-3

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	81.4	122.0
160	46.2	35.7	53.5

Manual Integrations
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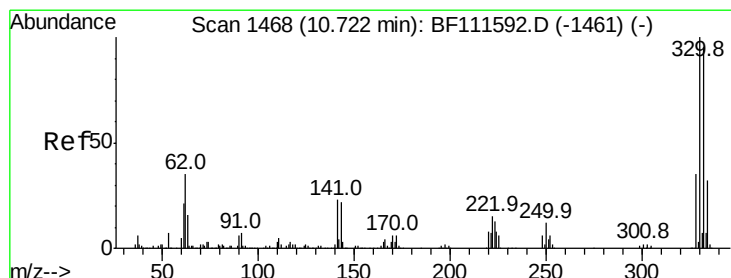
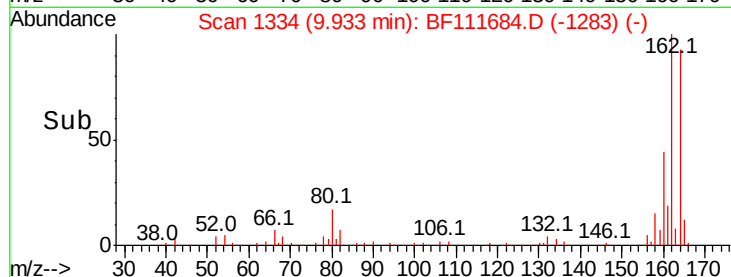
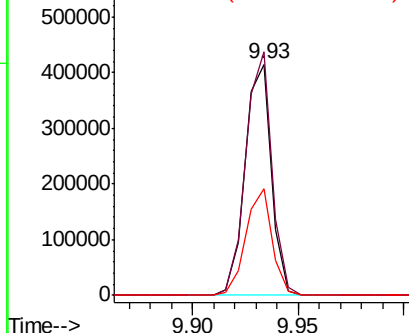


Abundance

Ion 164.00 (163.70 to 164.70): E

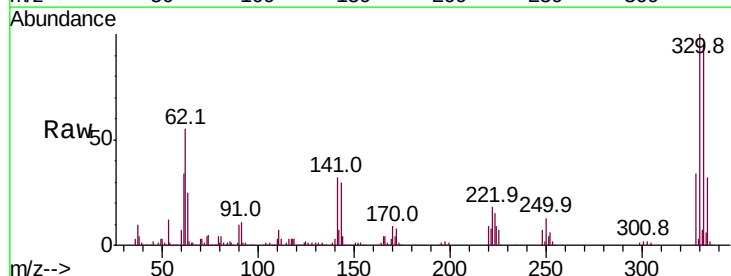
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 90.520 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.0	114.0
141	29.9	31.0	46.6#

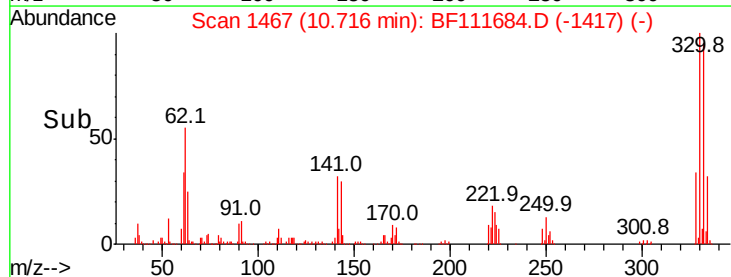
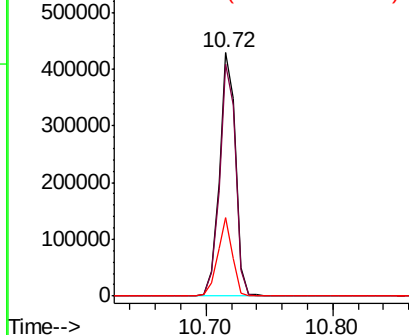


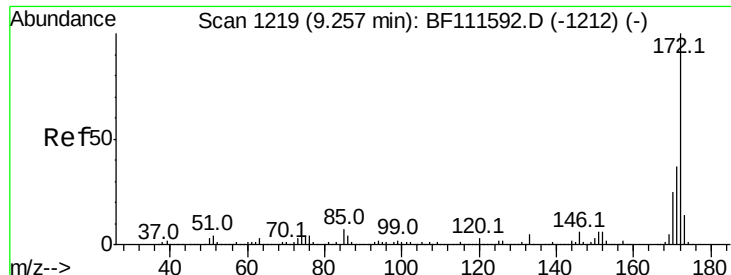
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





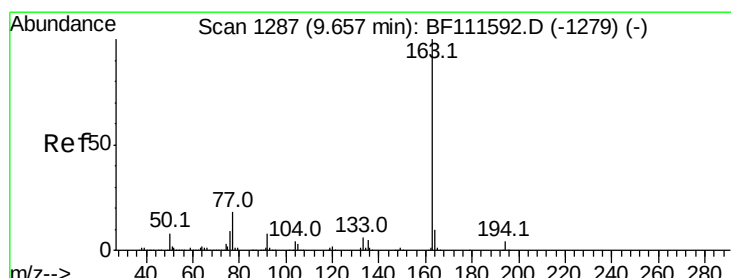
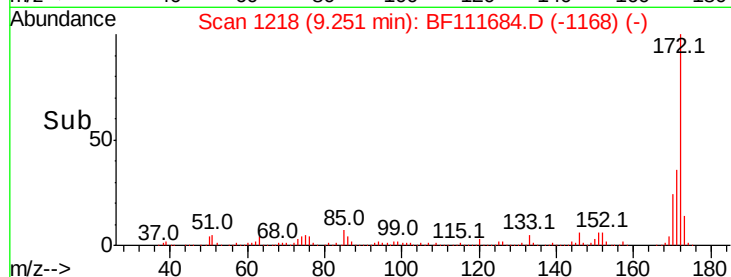
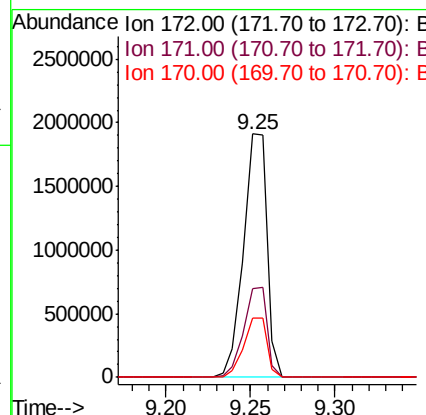
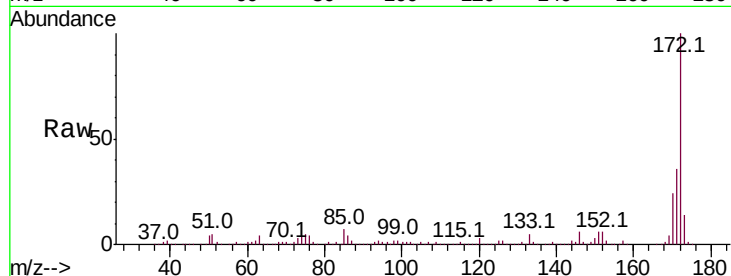
#45
2-Fluorobiphenyl
Concen: 75.848 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_F
ClientSampled :
P-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	33.0	49.4
170	24.4	22.3	33.5

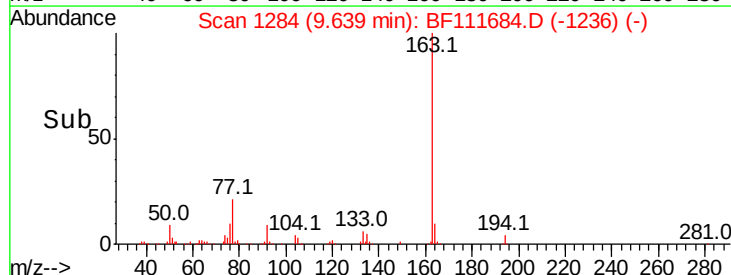
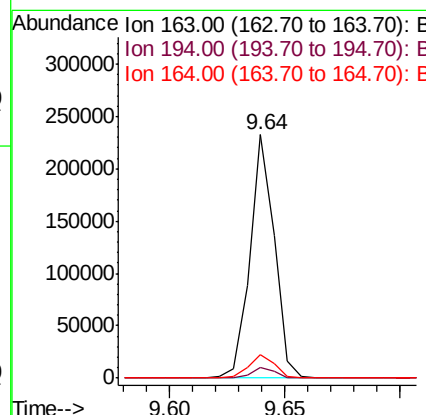
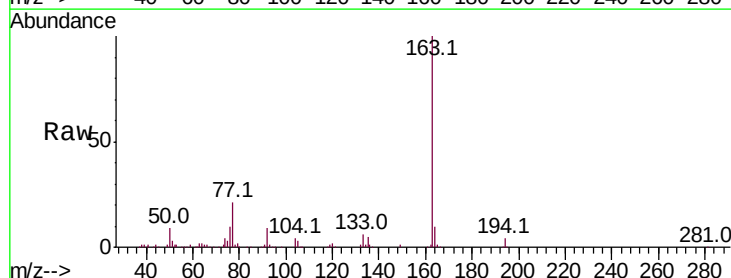
Manual Integrations
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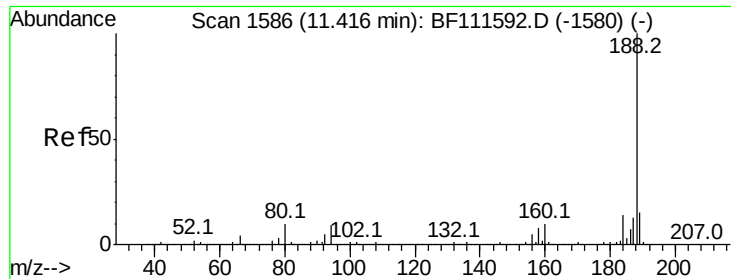
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#50
Dimethylphthalate
Concen: 6.542 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.7	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111684.D

Acq: 21 Dec 2018 13:44

Instrument :

BNA_F

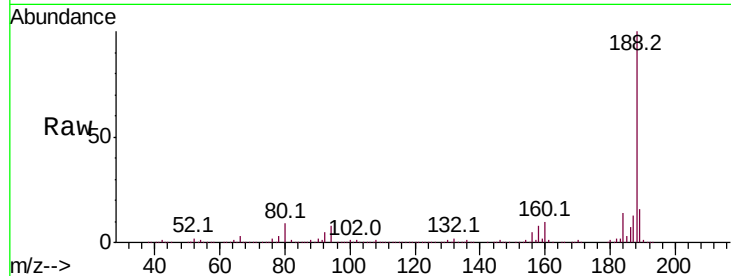
ClientSampled :

P-3

Tot Ion:	188	Resp:	554186
Ion Ratio	Lower	Upper	
188	100		
94	8.2	9.6	14.4#
80	8.9	9.8	14.6#

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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

11.42

800000

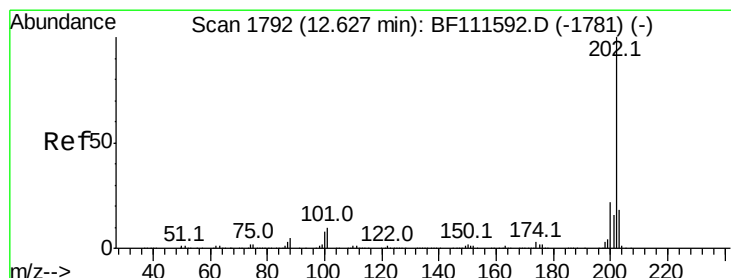
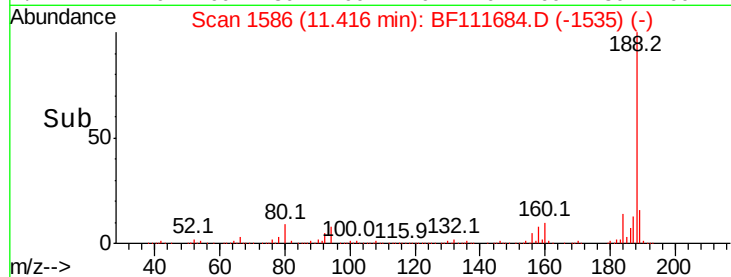
600000

400000

200000

0

Time--> 11.35 11.40 11.45



#75

Fluoranthene

Concen: 2.528 ng

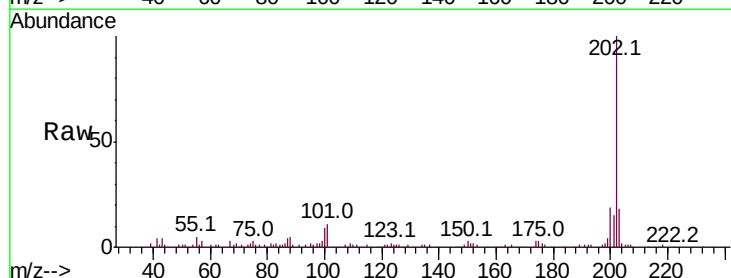
RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF111684.D

Acq: 21 Dec 2018 13:44

Tgt Ion:	202	Resp:	75228
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	33.8
203	18.1	0.0	38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.62

120000

100000

80000

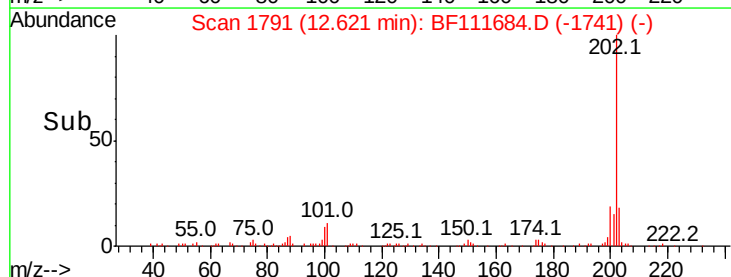
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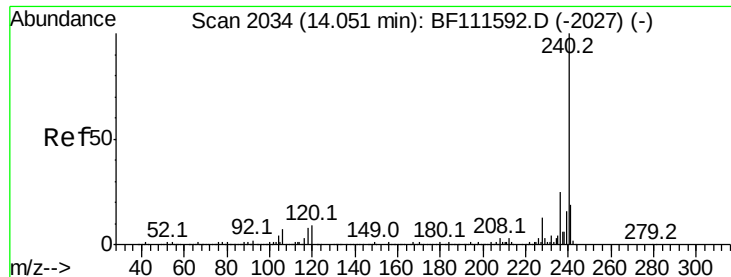
40000

20000

0

Time--> 12.60 12.65





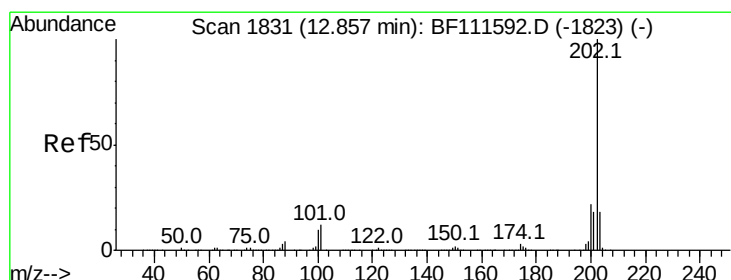
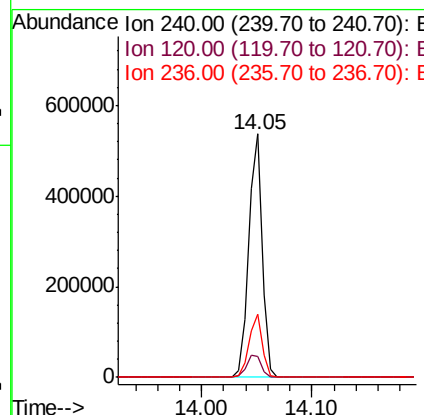
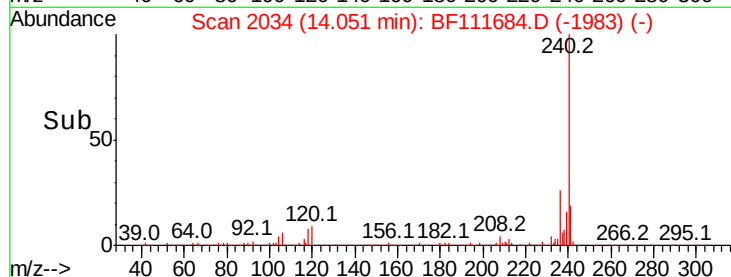
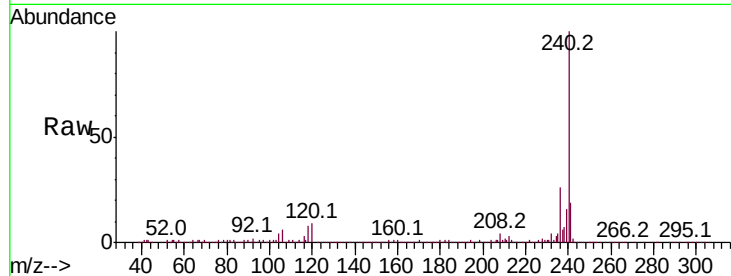
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF111684.D
 Acq: 21 Dec 2018 13:44

Instrument :
 BNA_F
 ClientSampleId :
 P-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	12.2	18.2#
236	26.1	20.2	30.2

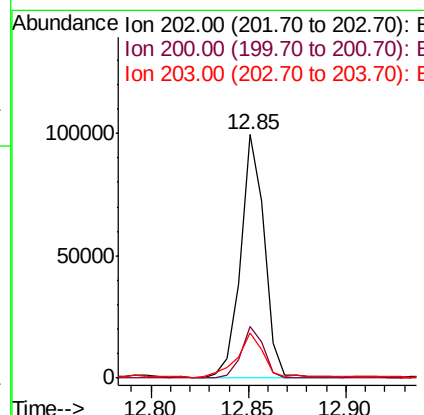
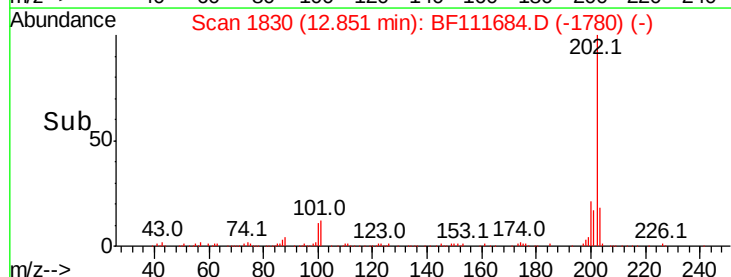
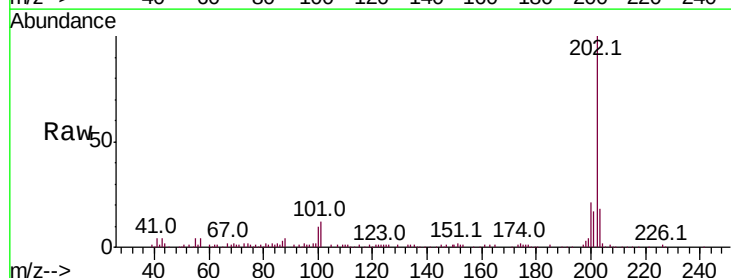
Manual Integrations
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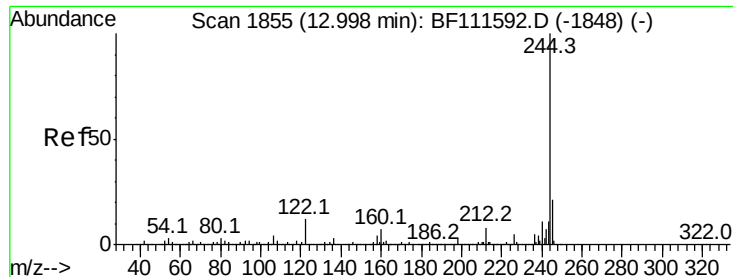
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#78
 Pyrene
 Concen: 2.586 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF111684.D
 Acq: 21 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	19.0	28.4
203	18.4	15.2	22.8





#79

Terphenyl-d14

Concen: 60.345 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111684.D

Acq: 21 Dec 2018 13:44

Instrument :

BNA_F

ClientSampled :

P-3

Tot Ion:244 Resp: 1467830

Ion Ratio Lower Upper

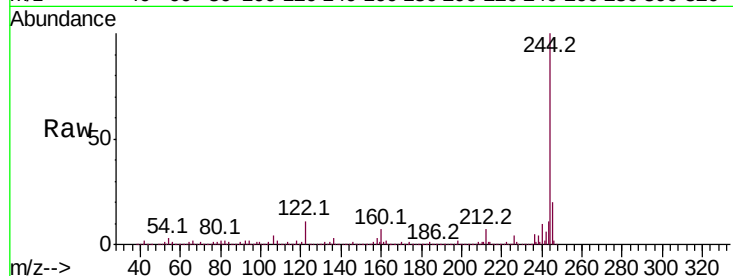
244 100

212 6.6 5.7 8.5

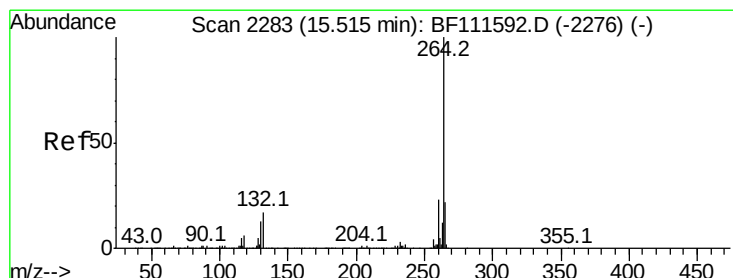
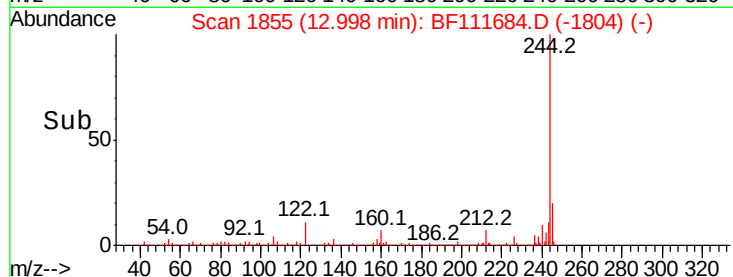
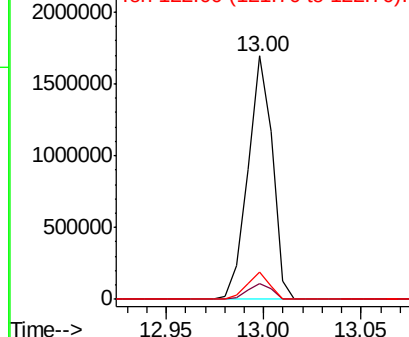
122 11.0 13.1 19.7#

Manual Integrations
APPROVED

Sohil
12/26/2018 3:10:40 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF111684.D

Acq: 21 Dec 2018 13:44

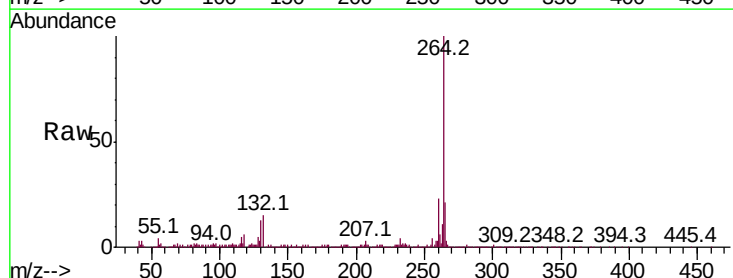
Tgt Ion:264 Resp: 342172

Ion Ratio Lower Upper

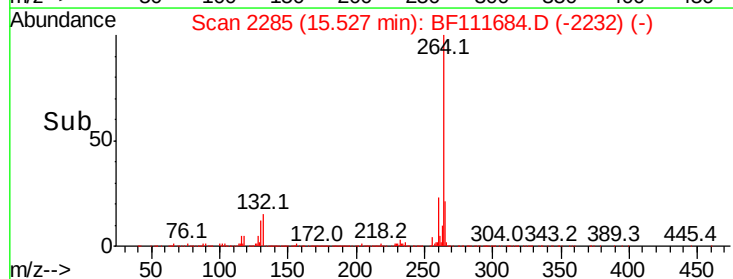
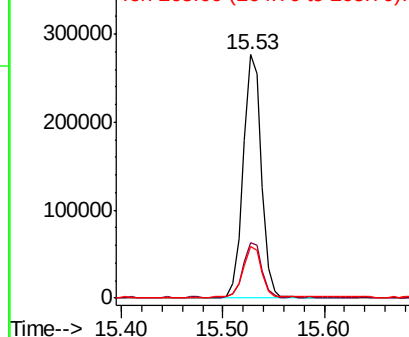
264 100

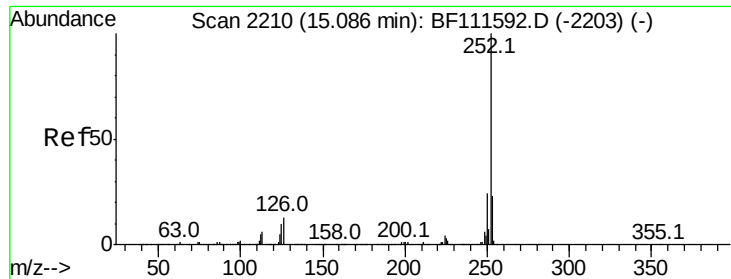
260 22.9 18.3 27.5

265 21.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





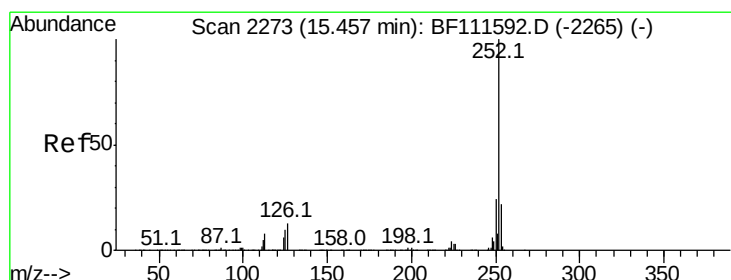
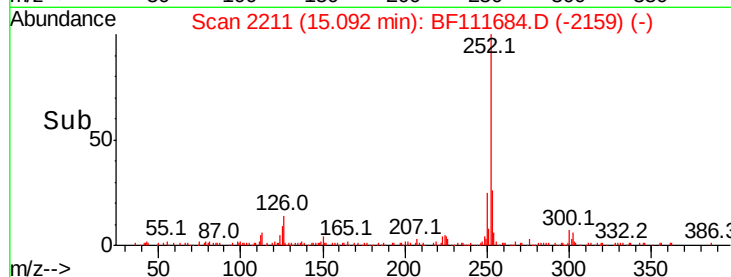
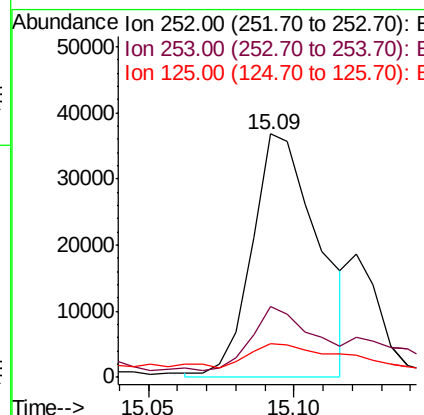
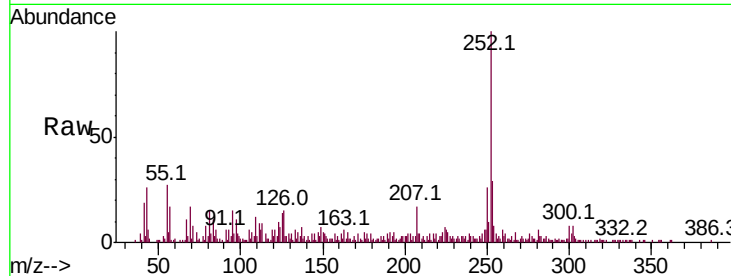
#88
Benzo(b)fluoranthene
Concen: 2.901 ng m
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_F
ClientSampled :
P-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.2	27.2#
125	13.9	10.4	15.6

Manual Integrations
APPROVED

Sohil
12/26/2018 3:10:40 PM



#90
Benzo(a)pyrene
Concen: 2.088 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	15.3	12.3	18.5

