

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
 Data File : BF113637.D
 Acq On : 6 Apr 2019 1:38
 Operator : JU/SJ
 Sample : K2240-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Manual Integrations
 APPROVED

Sohil
 4/8/2019 9:48:26 AM

Quant Time: Apr 06 03:42:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	124158	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	434910	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	183955	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	337003	20.00	ng	0.00
76) Chrysene-d12	13.83	240	223264	20.00	ng	-0.01
87) Perylene-d12	15.24	264	167334	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	807391	110.89	ng	0.00
7) Phenol-d6	6.35	99	1041481	116.06	ng	0.00
23) Nitrobenzene-d5	7.25	82	568894	76.62	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	239150	108.23	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1041596	91.16	ng	0.00
79) Terphenyl-d14	12.78	244	922175	84.10	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.44	163	135060	9.960	ng	Qvalue 100
75) Fluoranthene	12.41	202	43259	2.411	ng	98
78) Pyrene	12.63	202	39769	2.341	ng	98
88) Benzo(b)fluoranthene	14.84	252	29333m	2.864	ng	

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

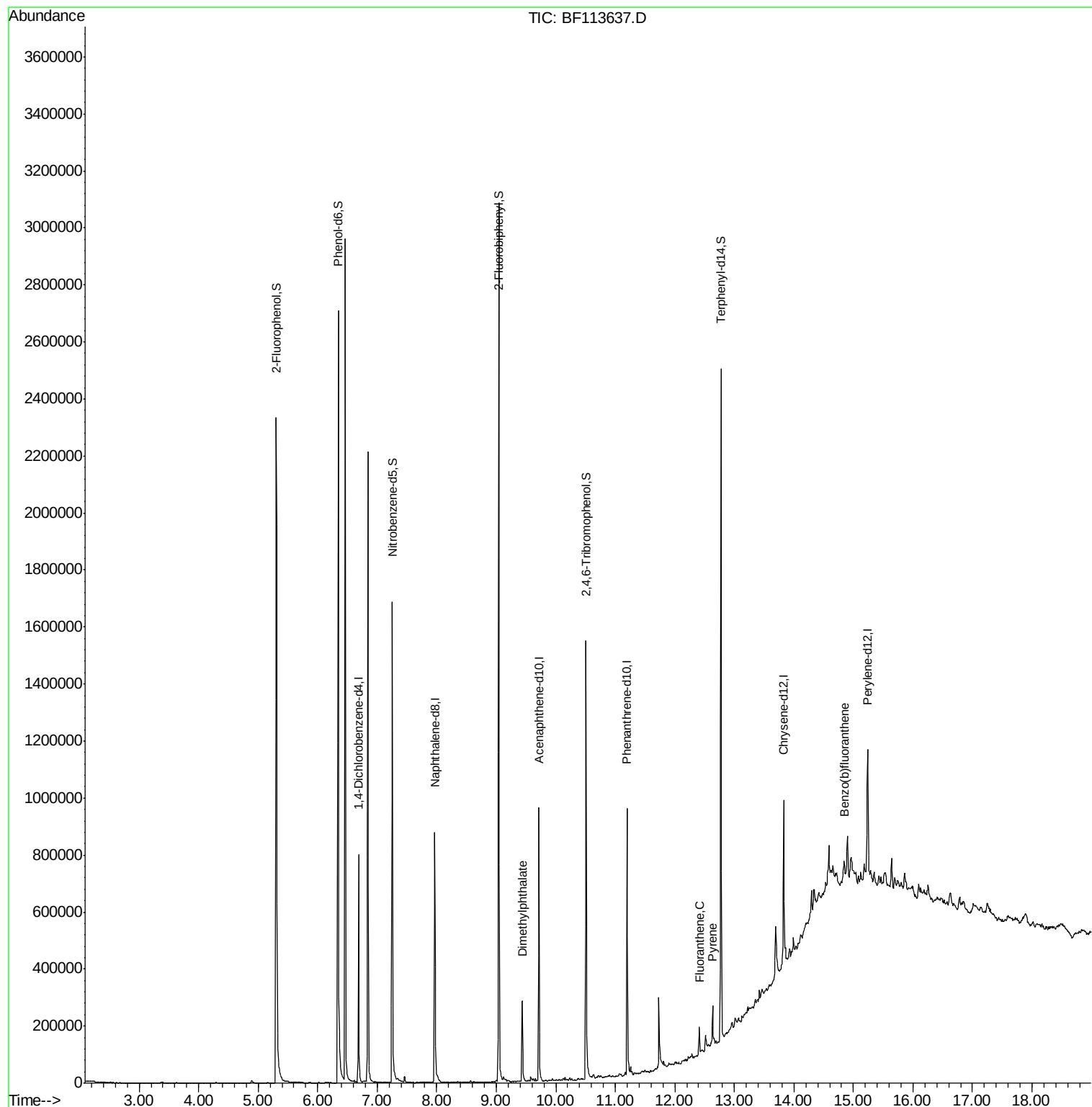
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
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ALS Vial : 18 Sample Multiplier: 1

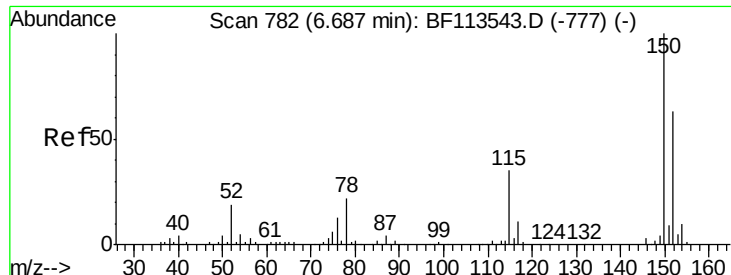
Instrument :
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#1

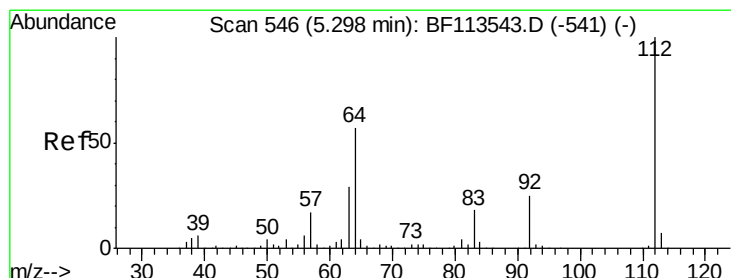
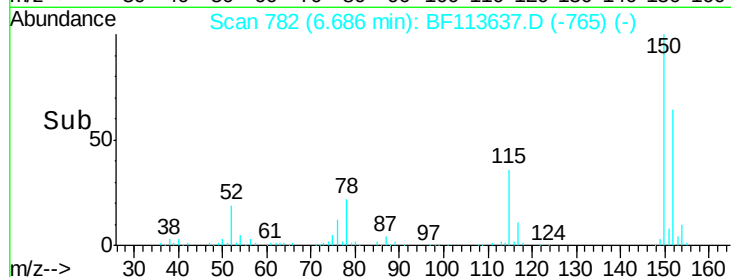
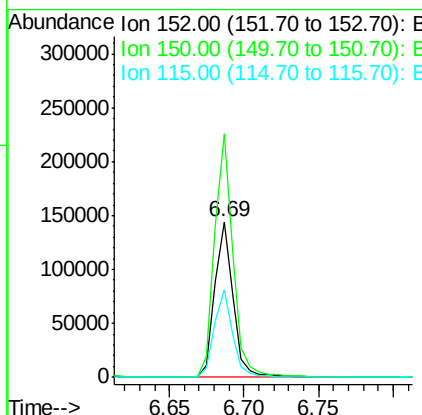
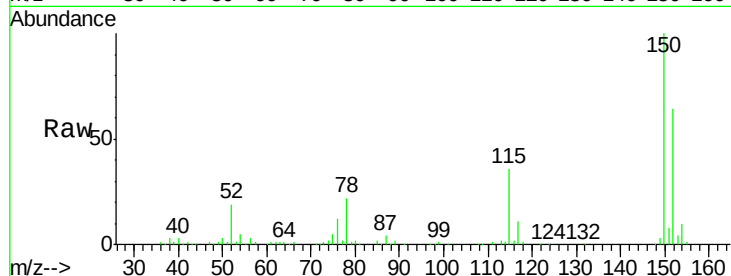
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF113637.D
Acq: 6 Apr 2019 1:38

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.7	187.1
115	55.9	46.0	69.0

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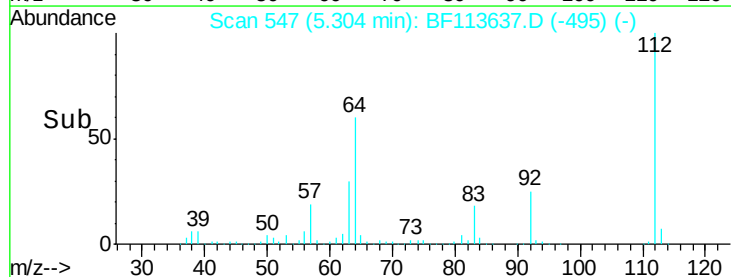
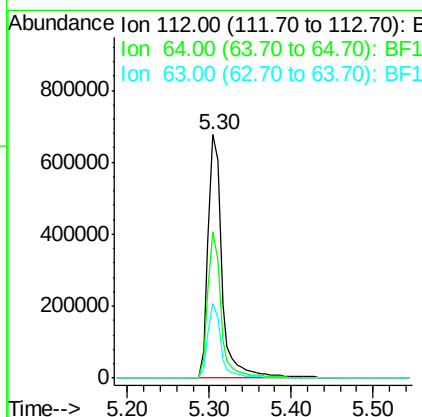
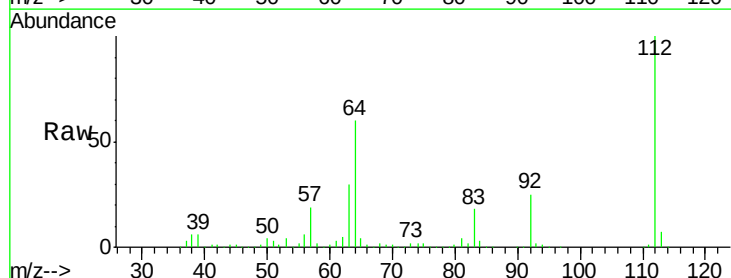
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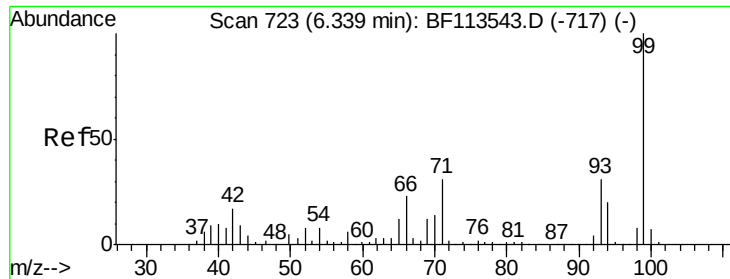


#5

2-Fluorophenol
Concen: 110.890 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113637.D
Acq: 6 Apr 2019 1:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	49.2	73.8
63	30.5	24.9	37.3





#7

Phenol-d6

Concen: 116.057 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF113637.D

Acq: 6 Apr 2019 1:38

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

Tgt Ion: 99 Resp: 1041481

Ion Ratio Lower Upper

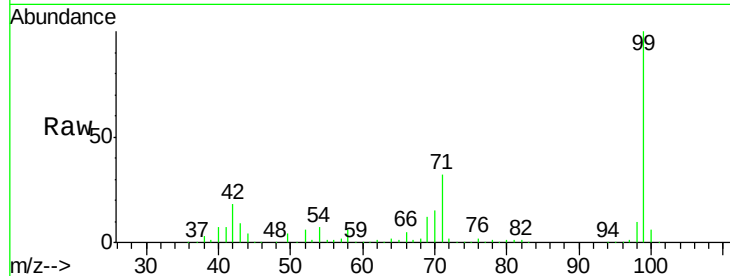
99 100

42 18.1 14.8 22.2

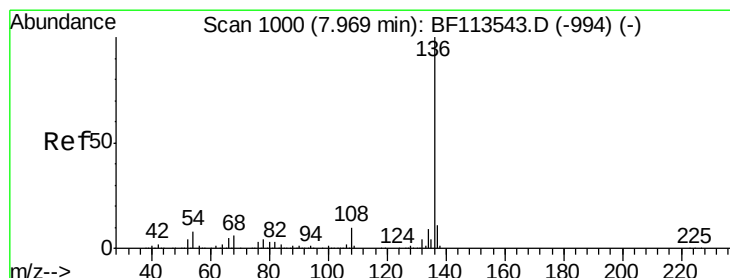
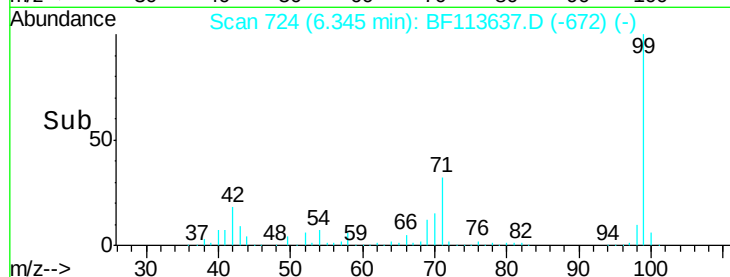
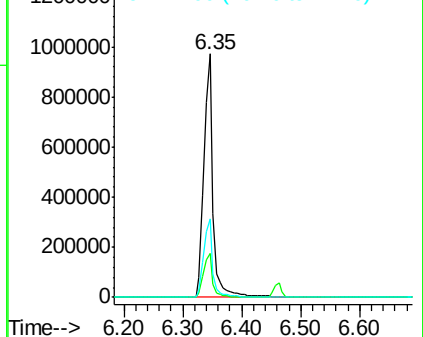
71 32.4 24.9 37.3

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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: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF113637.D

Acq: 6 Apr 2019 1:38

Tgt Ion: 136 Resp: 434910

Ion Ratio Lower Upper

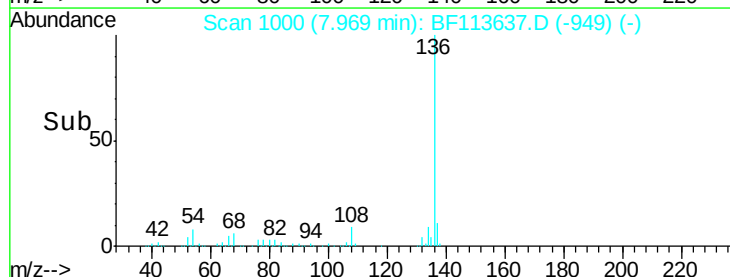
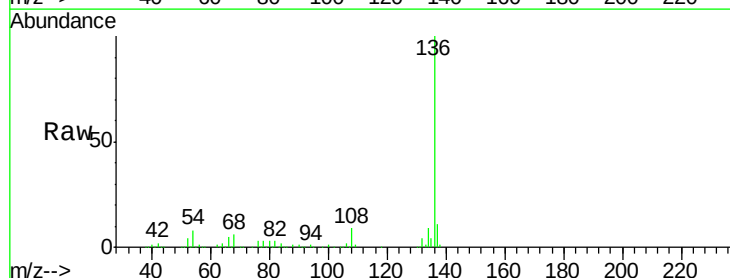
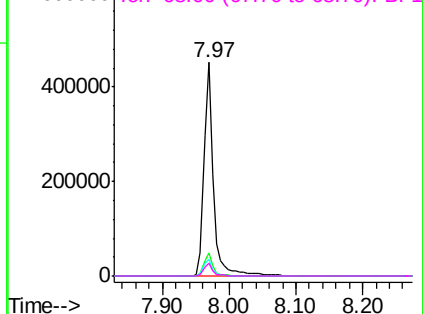
136 100

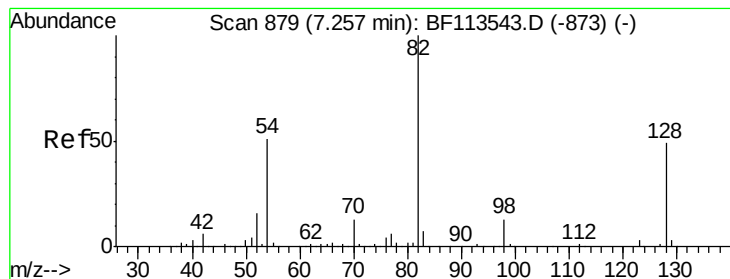
137 11.0 8.9 13.3

54 7.7 7.0 10.6

68 5.8 4.8 7.2

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: 76.621 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF113637.D

Acq: 6 Apr 2019 1:38

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

Tgt Ion: 82 Resp: 568894

Ion Ratio Lower Upper

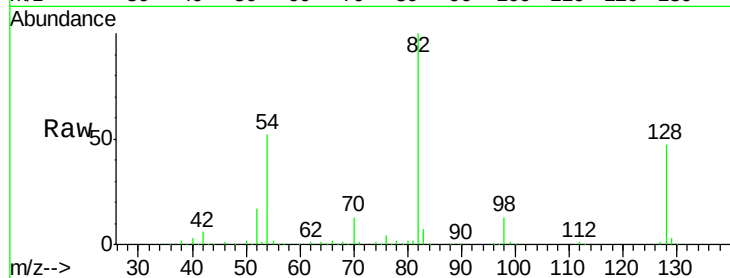
82 100

128 46.9 36.5 54.7

54 52.2 42.2 63.2

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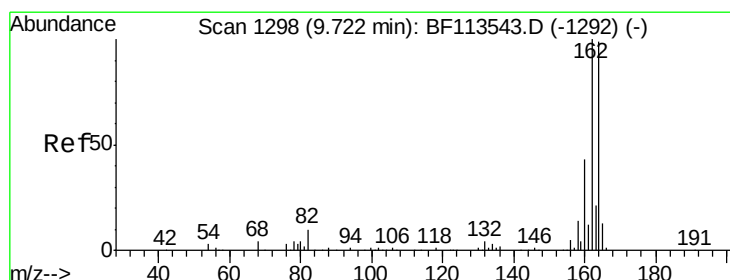
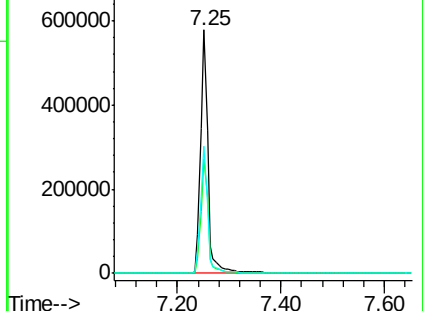
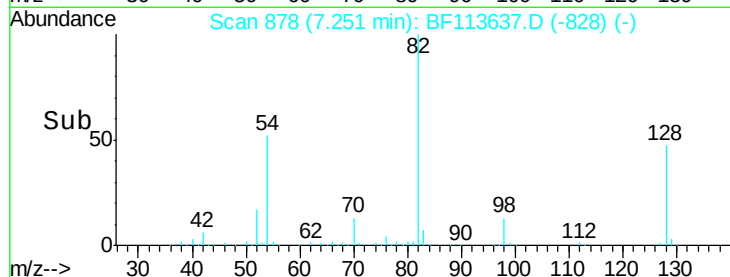
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF113637.D

Acq: 6 Apr 2019 1:38

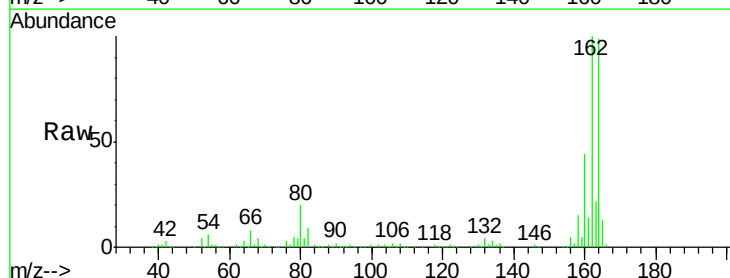
Tgt Ion: 164 Resp: 183955

Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.6

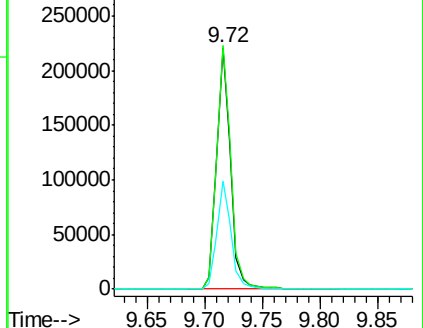
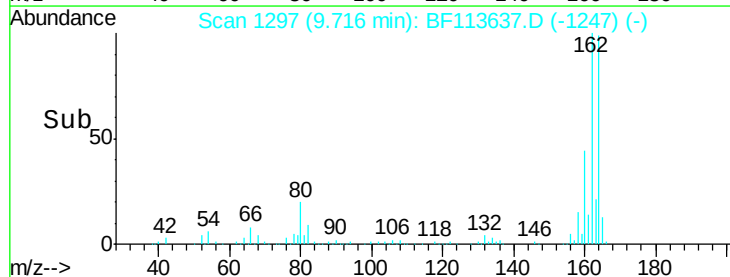
160 44.6 36.4 54.6

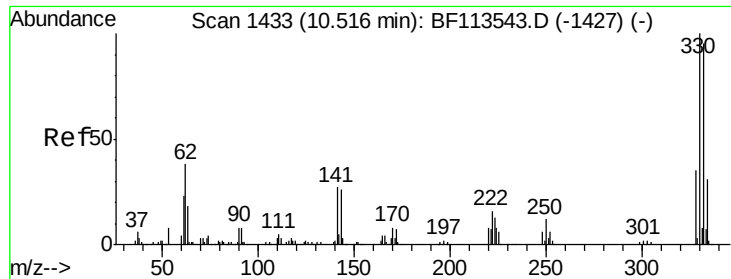


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





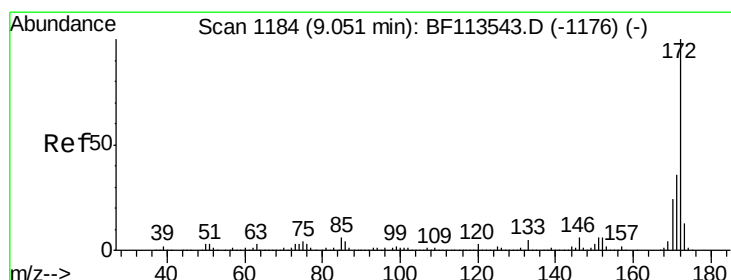
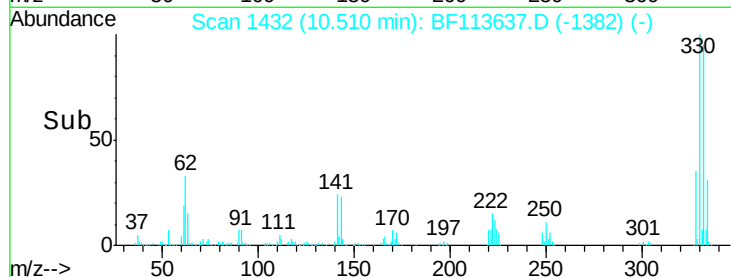
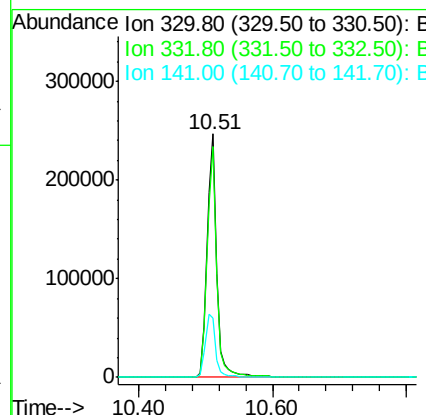
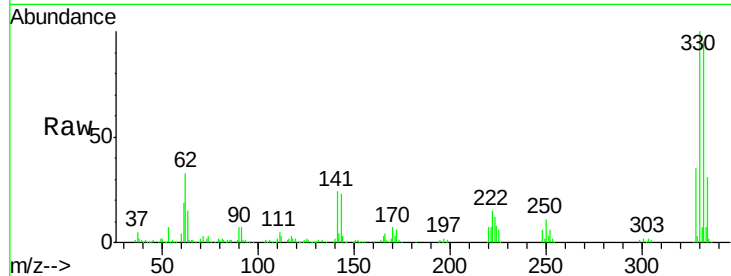
#42
 2,4,6-Tribromophenol
 Concen: 108.225 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113637.D
 Acq: 6 Apr 2019 1:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	239150		
332	94.7	77.8	116.6	
141	27.8	22.7	34.1	

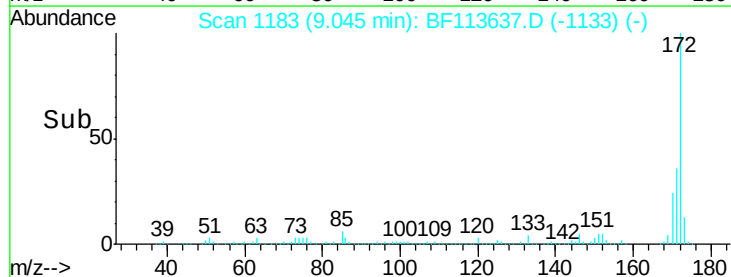
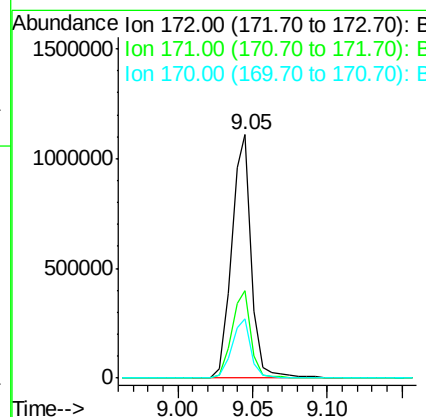
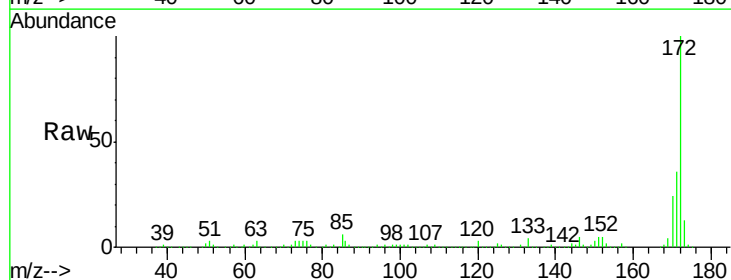
Manual Integrations
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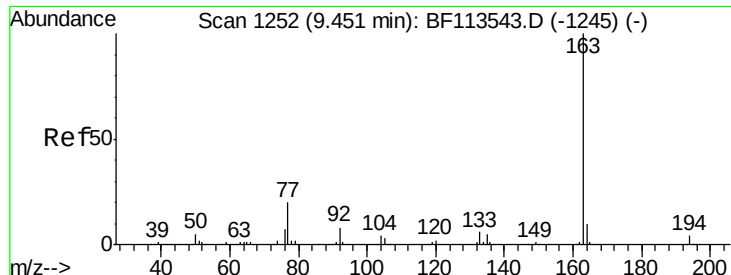
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#45
 2-Fluorobiphenyl
 Concen: 91.156 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113637.D
 Acq: 6 Apr 2019 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1041596		
171	35.7	29.0	43.6	
170	24.3	19.5	29.3	





#50

Dimethylphthalate

Concen: 9.960 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF113637.D

Acq: 6 Apr 2019 1:38

Instrument :

BNA_F

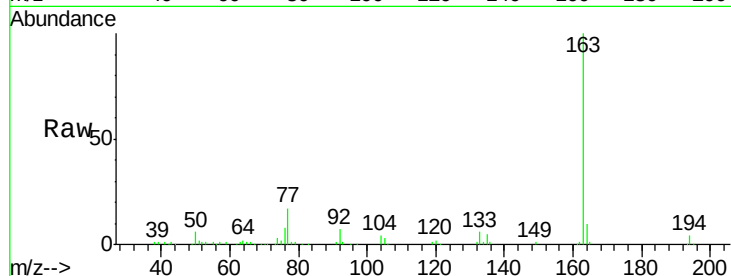
ClientSampleId :

SB-03-COMP

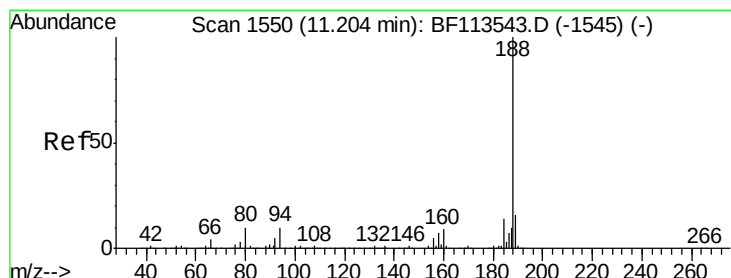
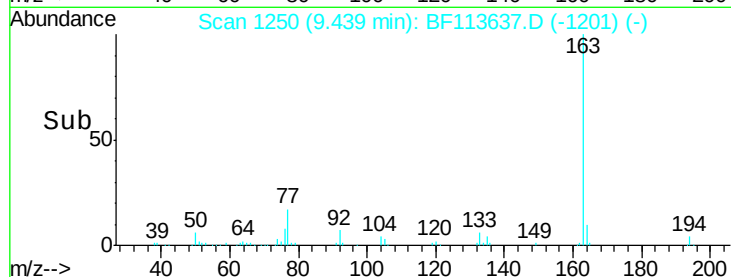
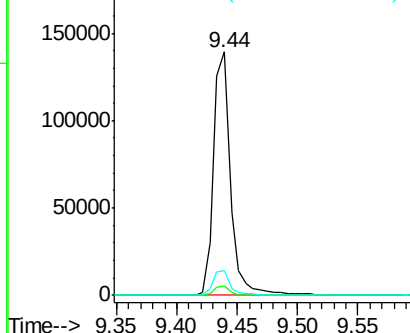
Tgt Ion:	163	Resp:	135060
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.6
164	10.0	8.1	12.1

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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

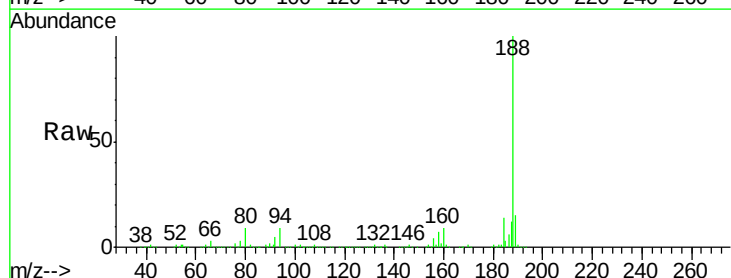
RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

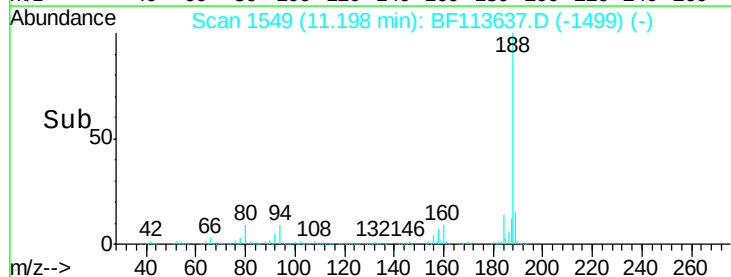
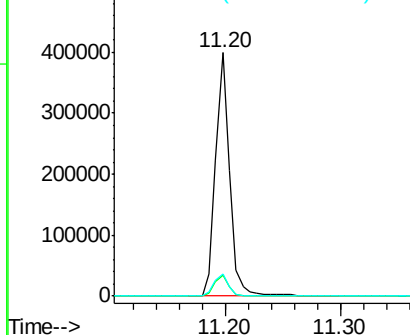
Lab File: BF113637.D

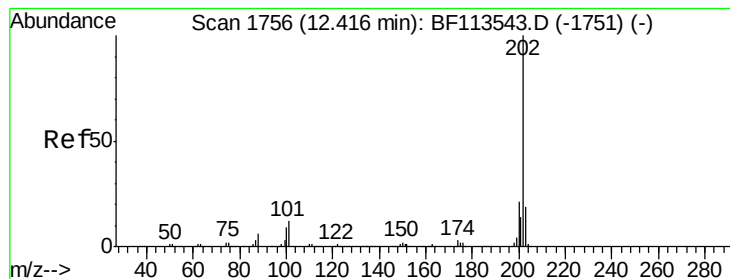
Acq: 6 Apr 2019 1:38

Tgt Ion:	188	Resp:	337003
Ion Ratio	Lower	Upper	
188	100		
94	8.7	7.0	10.6
80	9.0	7.7	11.5



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





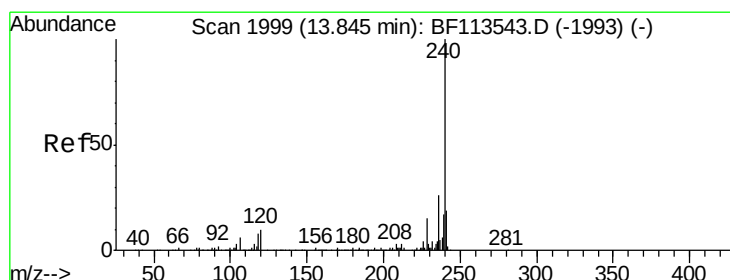
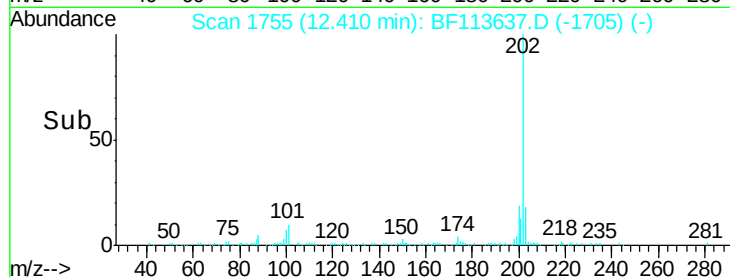
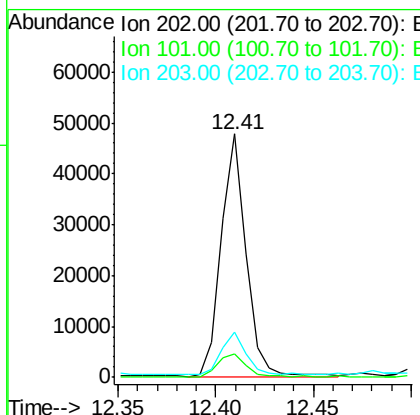
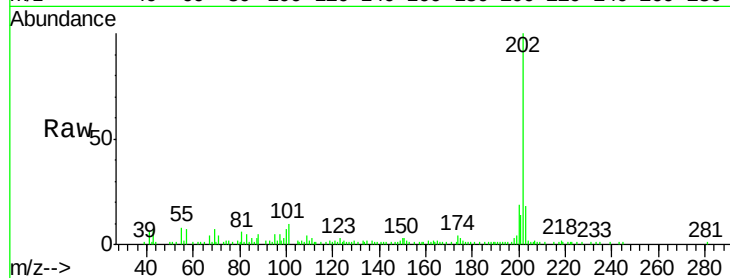
#75
Fluoranthene
Concen: 2.411 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF113637.D
Acq: 6 Apr 2019 1:38

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.8	0.0	31.4
203	18.4	0.0	38.0

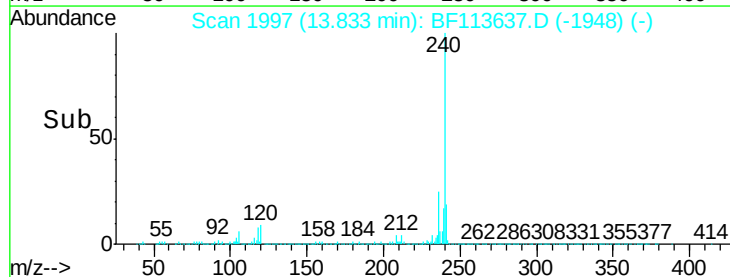
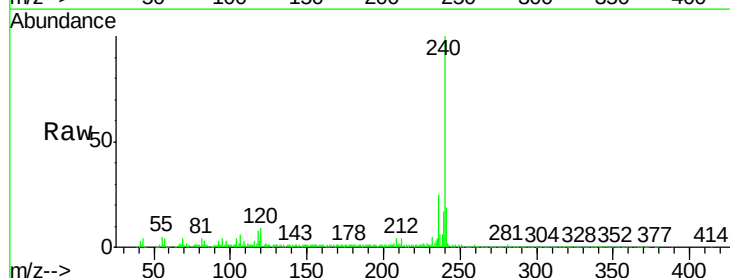
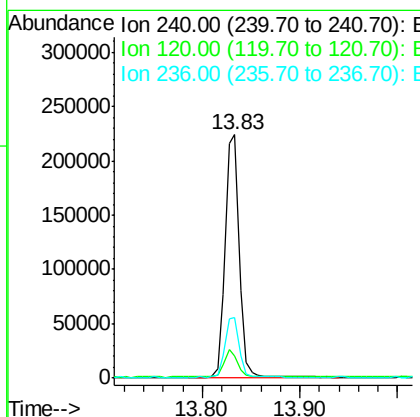
Manual Integrations
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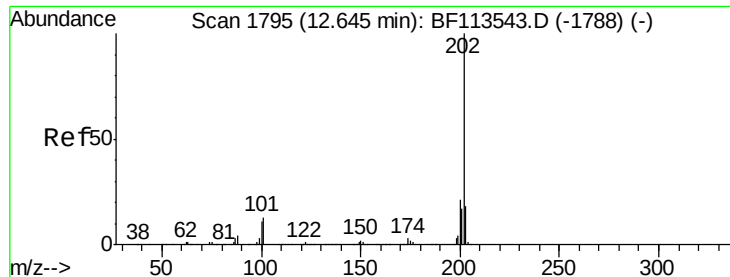
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113637.D
Acq: 6 Apr 2019 1:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.2	8.8	13.2
236	25.1	20.9	31.3





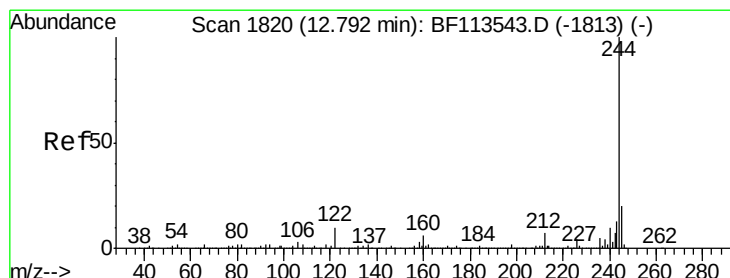
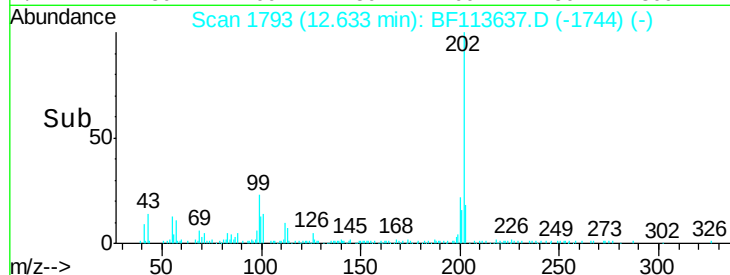
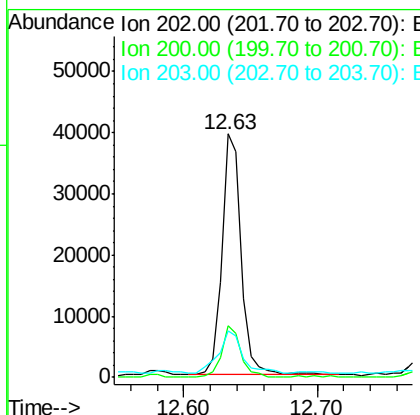
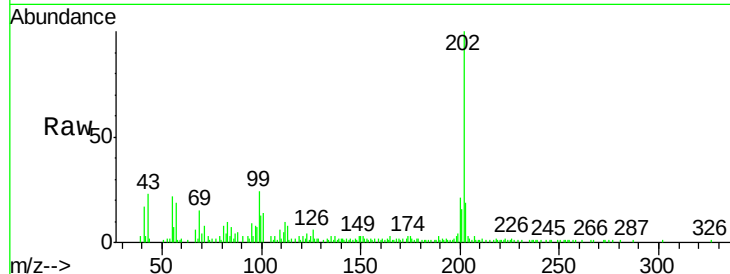
#78
 Pyrene
 Concen: 2.341 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BF113637.D
 Acq: 6 Apr 2019 1:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	39769		
200	21.4	16.8	25.2	
203	19.3	14.4	21.6	

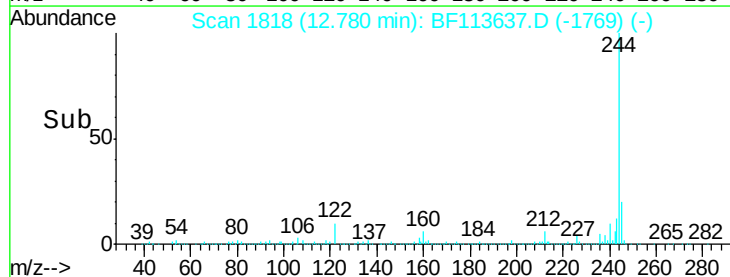
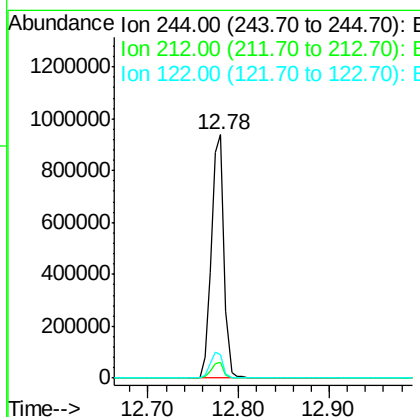
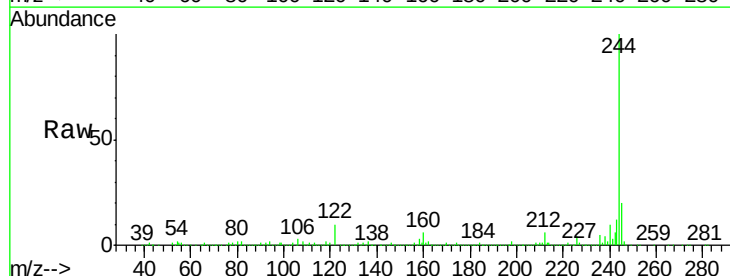
Manual Integrations
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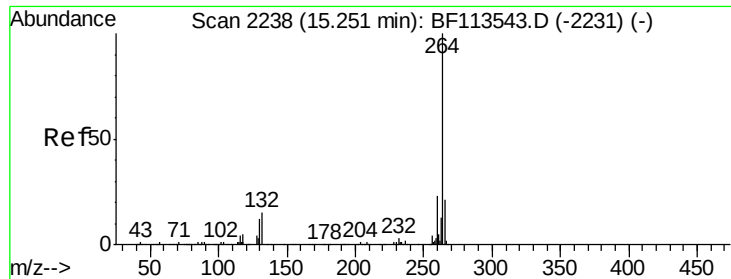
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#79
 Terphenyl-d14
 Concen: 84.096 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF113637.D
 Acq: 6 Apr 2019 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	922175		
212	6.4	5.5	8.3	
122	9.7	8.6	13.0	





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113637.D

Acq: 6 Apr 2019 1:38

Instrument :

BNA_F

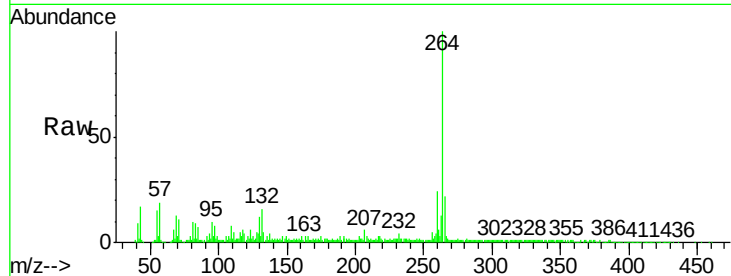
ClientSampleId :

SB-03-COMP

Tgt Ion:	264	Resp:	167334
Ion Ratio		Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.4	17.1	25.7

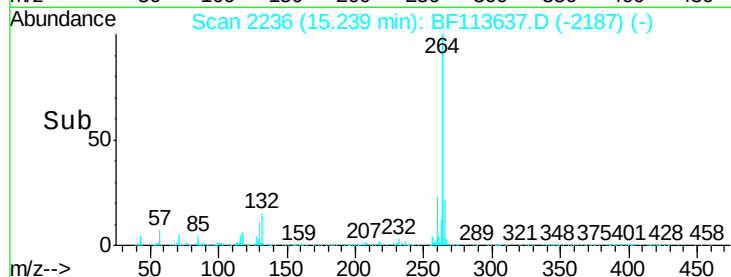
Manual Integrations
APPROVED

Sohil
4/8/2019 9:48:26 AM

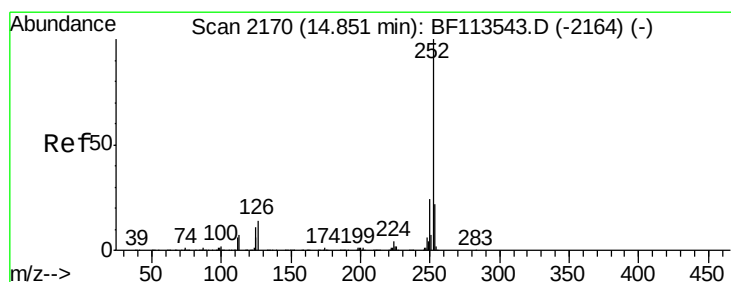


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

15.24



Time-->



#88

Benzo(b)fluoranthene

Concen: 2.864 ng m

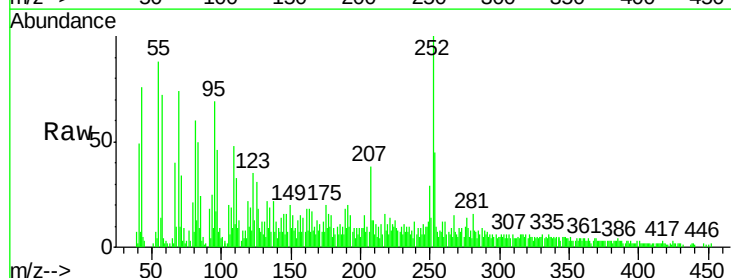
RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF113637.D

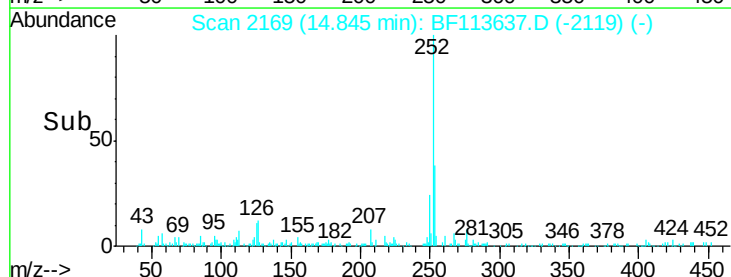
Acq: 6 Apr 2019 1:38

Tgt Ion:	252	Resp:	29333
Ion Ratio		Lower	Upper
252	100		
253	45.1	18.0	27.0#
125	30.9	7.6	11.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

14.84



Time-->