

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111822.D
 Acq On : 3 Jan 2019 15:49
 Operator : JU/SJ
 Sample : K1002-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-010219-D

Manual Integrations
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Sohil
 1/4/2019 9:56:35 AM

Quant Time: Jan 03 16:41:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 03 14:48:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	286352	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1132369	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	582021	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	950392	20.00	ng	0.00
76) Chrysene-d12	14.06	240	629443	20.00	ng	0.00
87) Perylene-d12	15.55	264	505265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1200830	71.48	ng	0.00
7) Phenol-d6	6.55	99	1603362	74.99	ng	0.00
23) Nitrobenzene-d5	7.46	82	1024253	52.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.73	330	501913	72.98	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1809115	45.31	ng	0.00
79) Terphenyl-d14	13.01	244	1339346	40.35	ng	0.00
Target Compounds						
10) Phenol	6.55	94	75002	3.109	ng	94
50) Dimethylphthalate	9.65	163	235904	5.543	ng	97
75) Fluoranthene	12.64	202	138003	2.704	ng	95
78) Pyrene	12.87	202	135177	3.041	ng	95
88) Benzo(b)fluoranthene	15.12	252	62566m	2.119	ng	

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

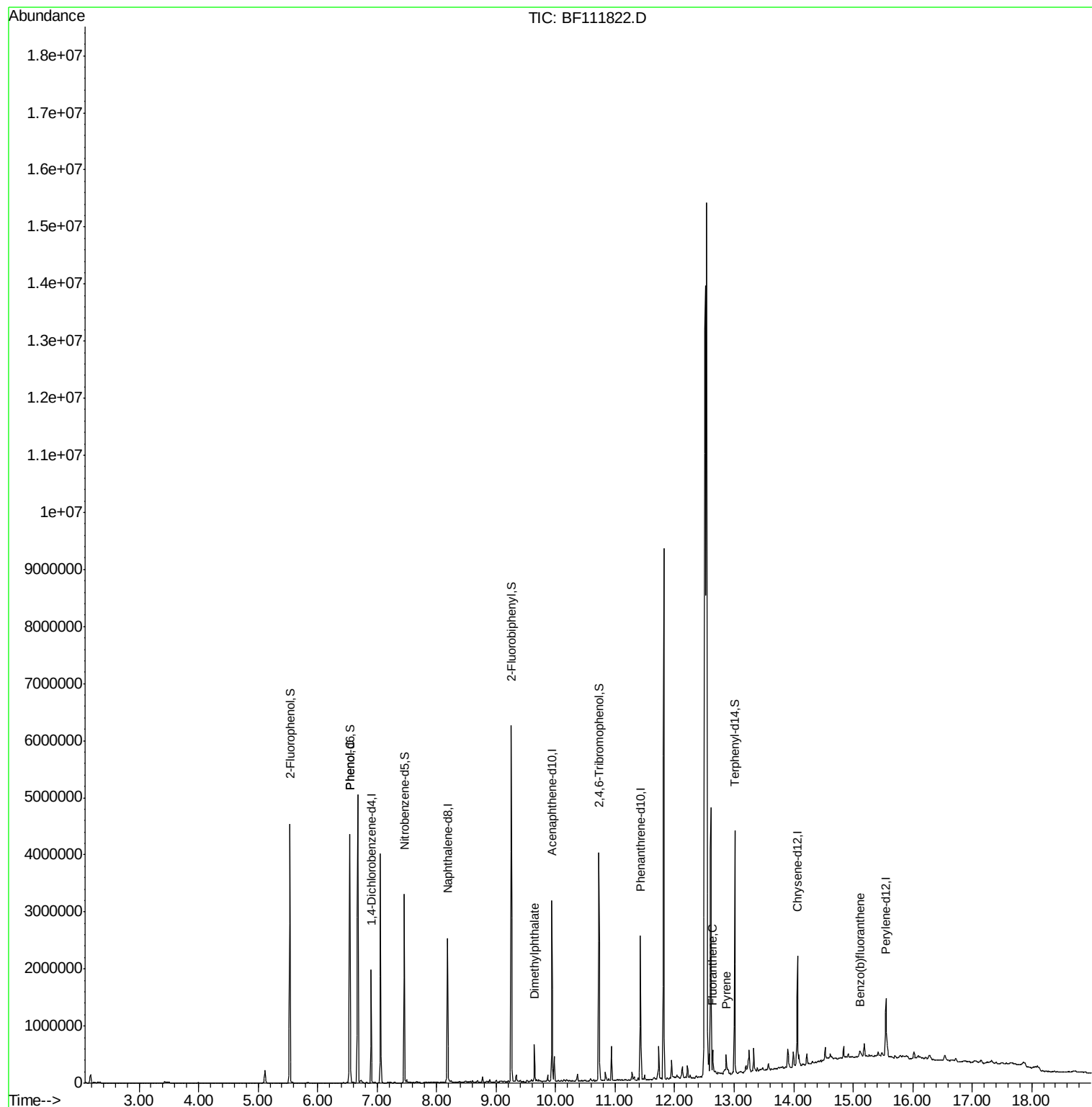
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111822.D
Acq On : 3 Jan 2019 15:49
Operator : JU/SJ
Sample : K1002-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

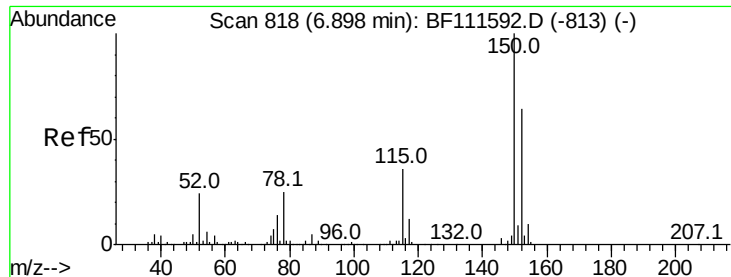
Instrument :
BNA_F
ClientSampleId :
AU-05-010219-D

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Quant Time: Jan 03 16:41:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 03 14:48:09 2019
Response via : Initial Calibration





#1

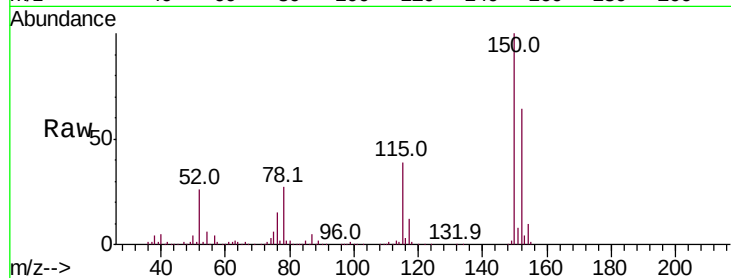
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF111822.D
Acq: 3 Jan 2019 15:49

Instrument :
BNA_F
ClientSampleId :
AU-05-010219-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.6	189.8
115	60.2	50.7	76.1

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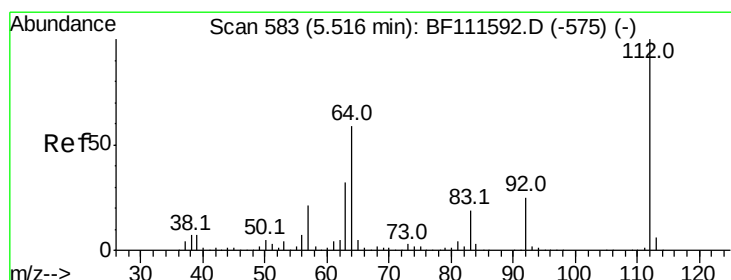
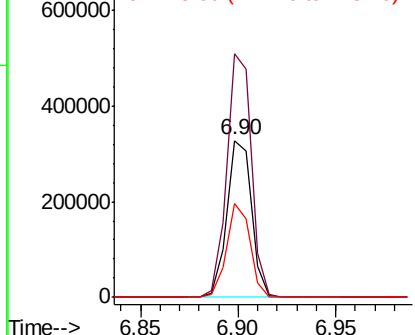
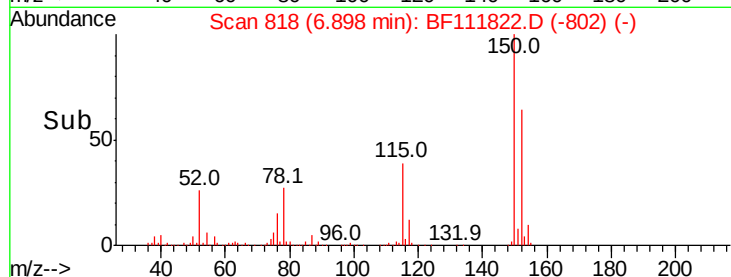


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

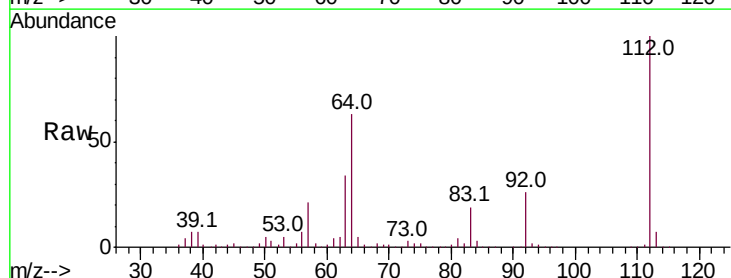
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 71.480 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF111822.D
Acq: 3 Jan 2019 15:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	51.8	77.6
63	33.5	26.8	40.2

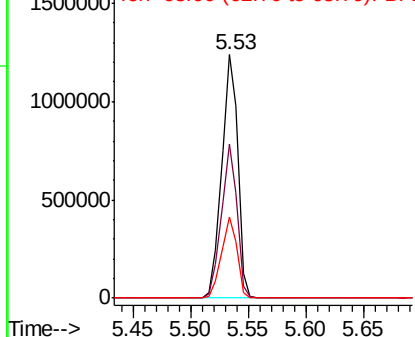
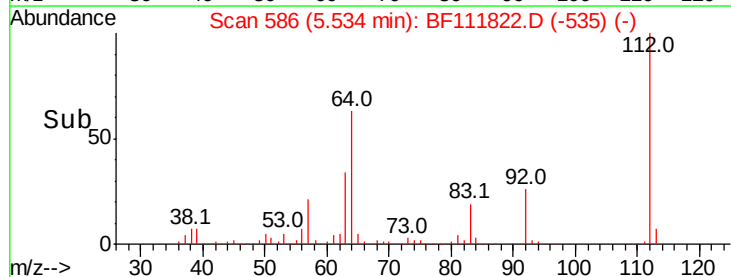


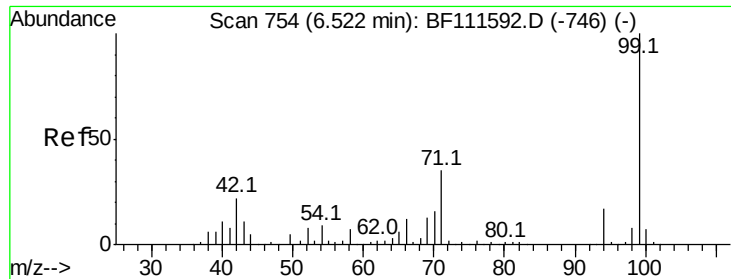
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 74.994 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF111822.D

Acq: 3 Jan 2019 15:49

Instrument :

BNA_F

ClientSampleId :

AU-05-010219-D

Tot Ion: 99 Resp: 1603362

Ion Ratio Lower Upper

99 100

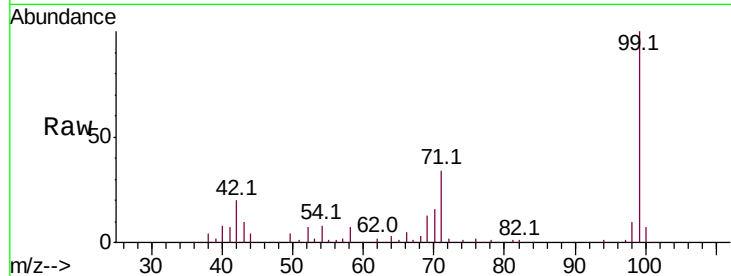
42 20.3 17.4 26.0

71 33.8 26.1 39.1

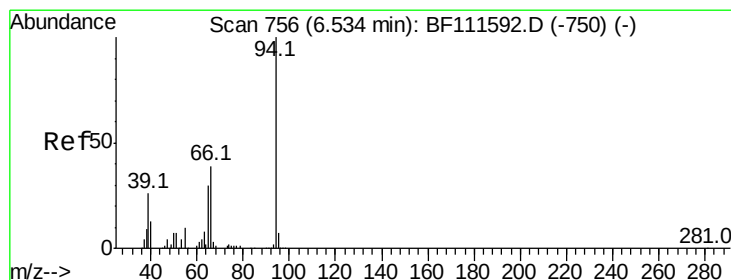
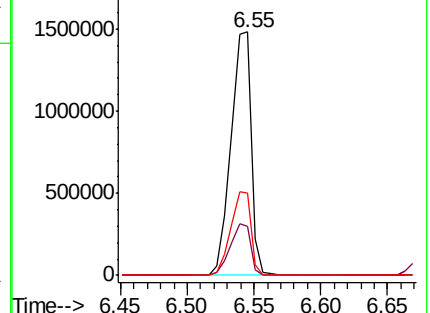
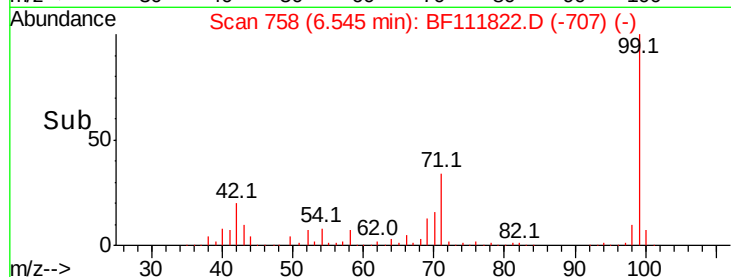
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Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.109 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF111822.D

Acq: 3 Jan 2019 15:49

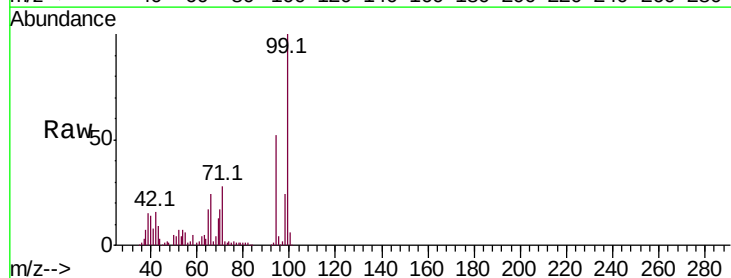
Tgt Ion: 94 Resp: 75002

Ion Ratio Lower Upper

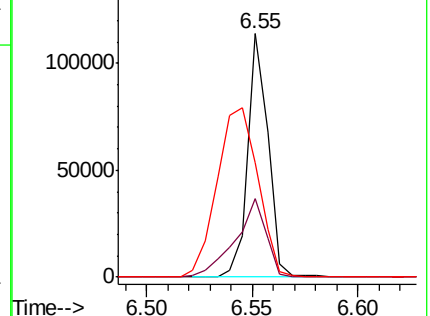
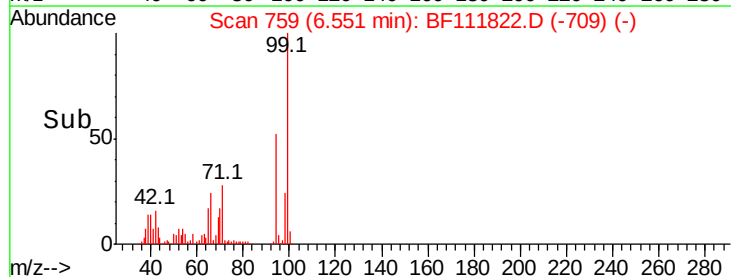
94 100

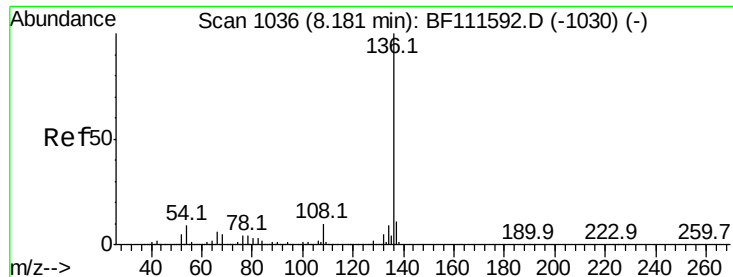
65 32.0 11.7 51.7

66 46.9 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
150000
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





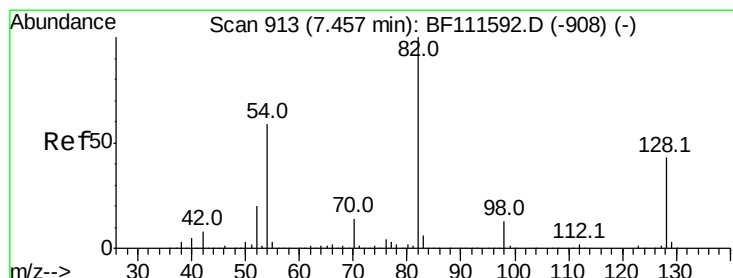
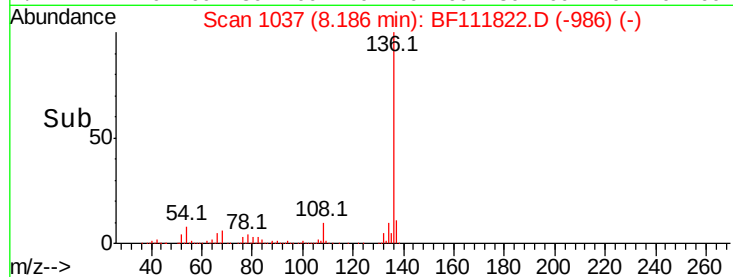
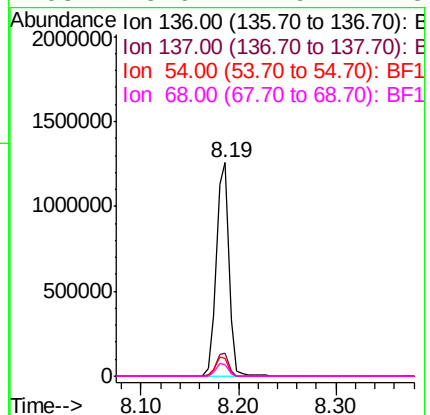
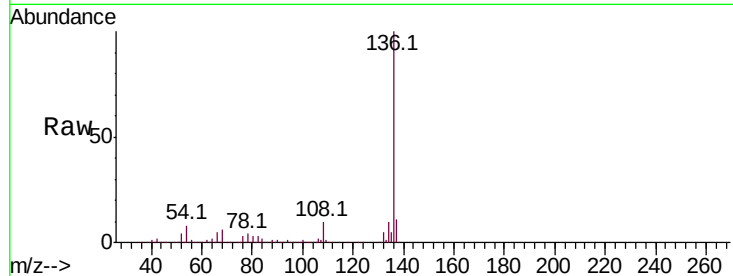
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF111822.D
Acq: 3 Jan 2019 15:49

Instrument :
BNA_F
ClientSampleId :
AU-05-010219-D

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.3	7.7	11.5
68	5.6	4.9	7.3

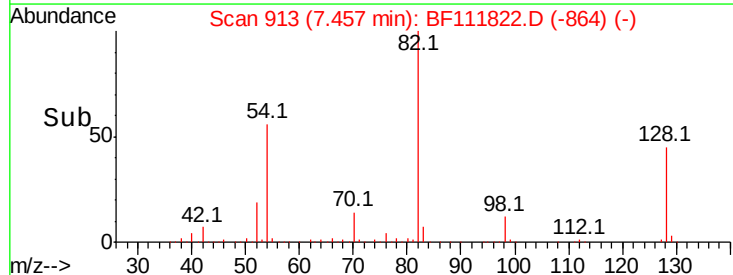
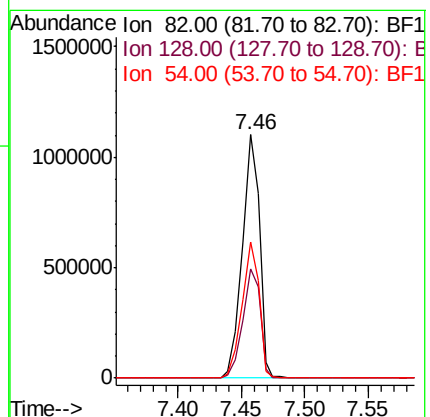
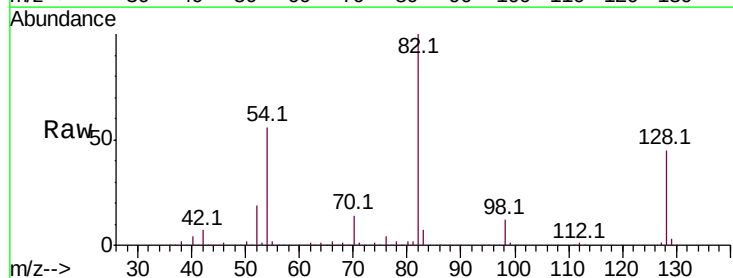
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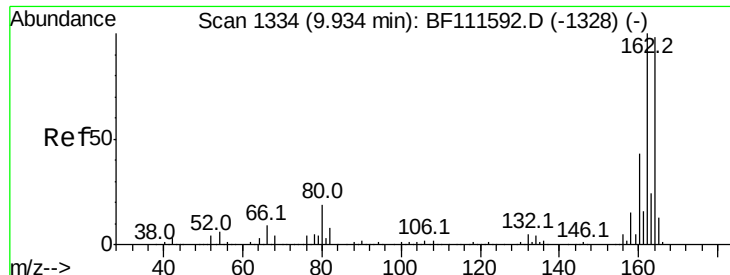
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#23
Nitrobenzene-d5
Concen: 52.650 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF111822.D
Acq: 3 Jan 2019 15:49

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.4	56.2
54	56.0	47.6	71.4





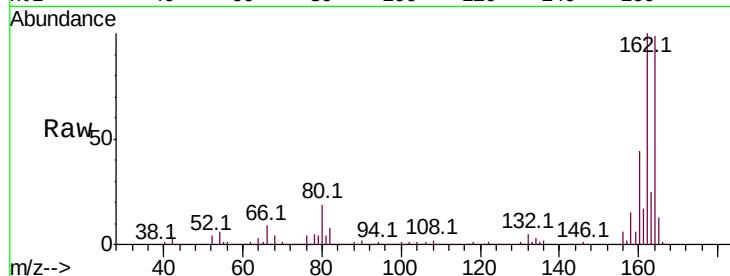
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF111822.D
 Acq: 3 Jan 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-010219-D

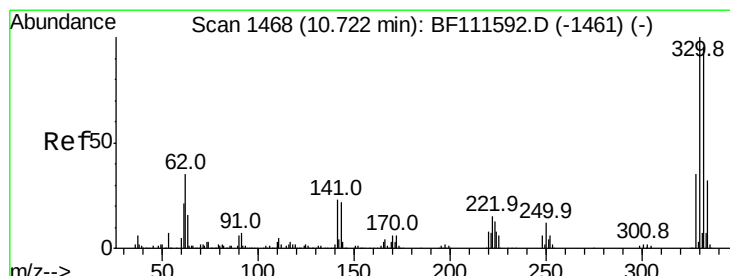
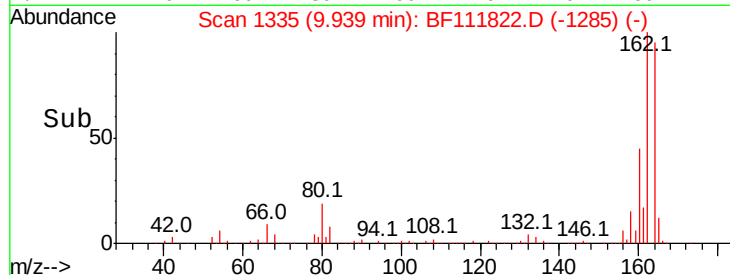
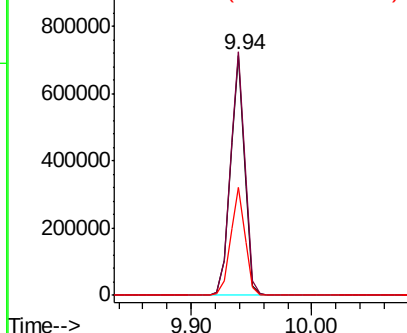
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.0
160	45.1	35.7	53.5

Manual Integrations
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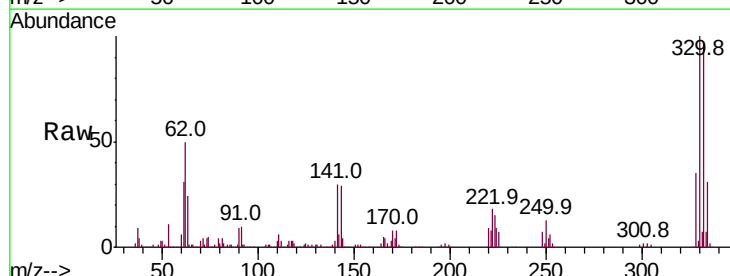


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

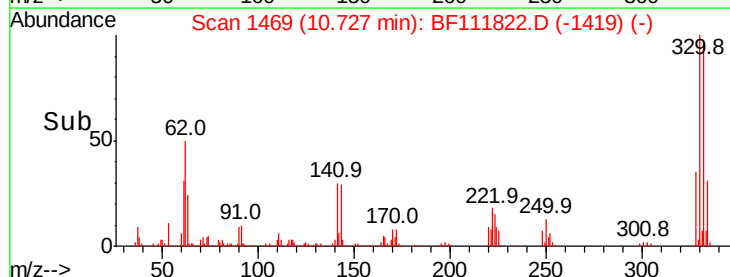
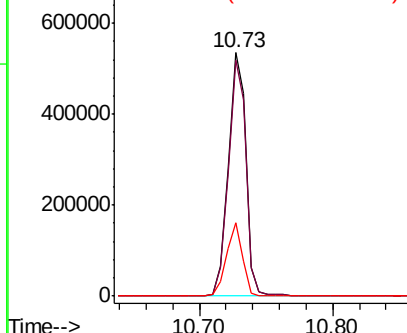


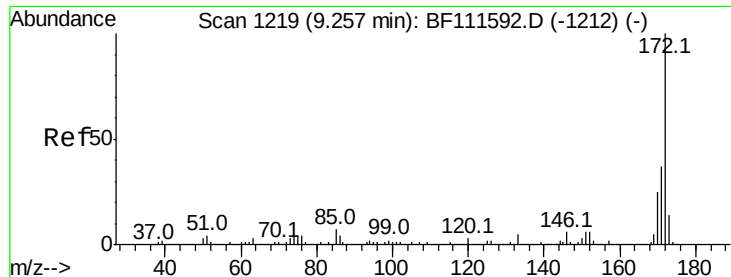
#42
 2,4,6-Tribromophenol
 Concen: 72.984 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF111822.D
 Acq: 3 Jan 2019 15:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.0	114.0
141	27.8	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





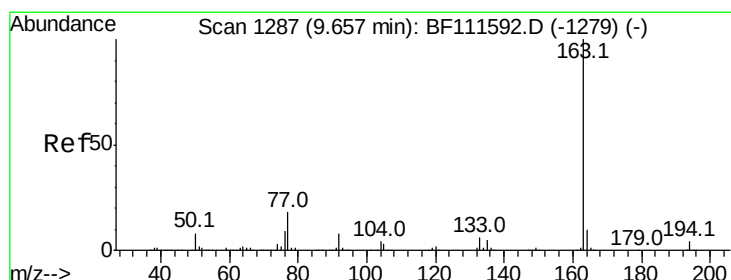
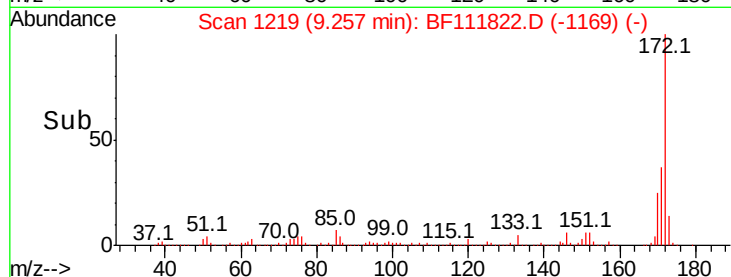
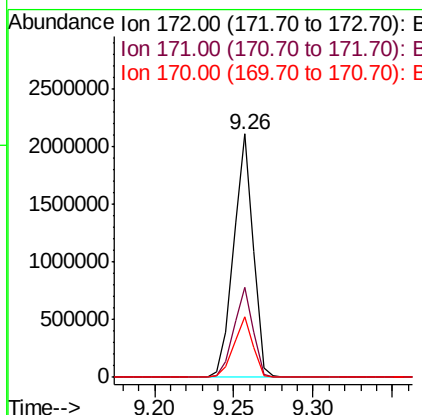
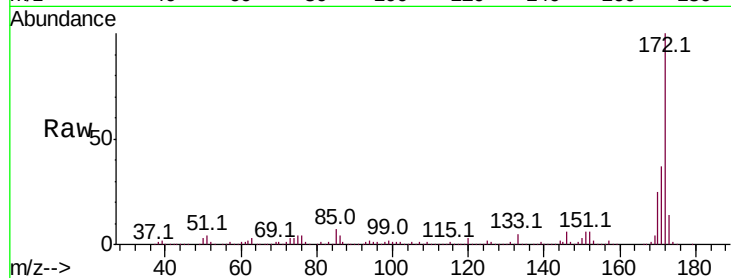
#45
2-Fluorobiphenyl
Concen: 45.306 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF111822.D
Acq: 3 Jan 2019 15:49

Instrument :
BNA_F
ClientSampleId :
AU-05-010219-D

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	33.0	49.4
170	24.8	22.3	33.5

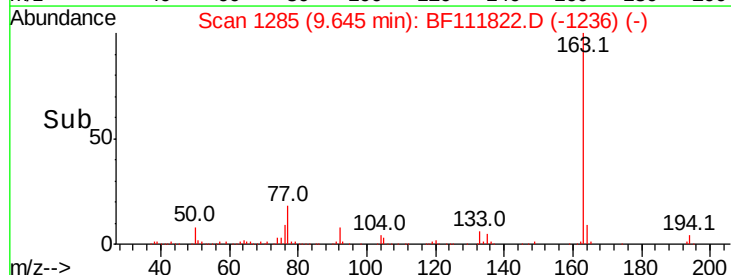
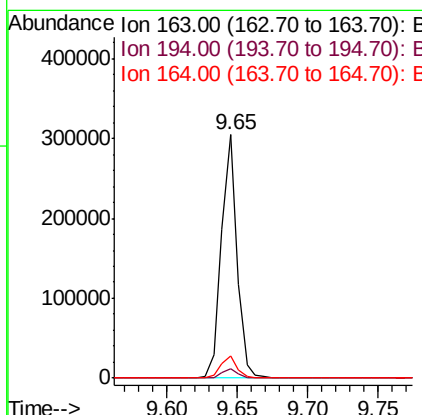
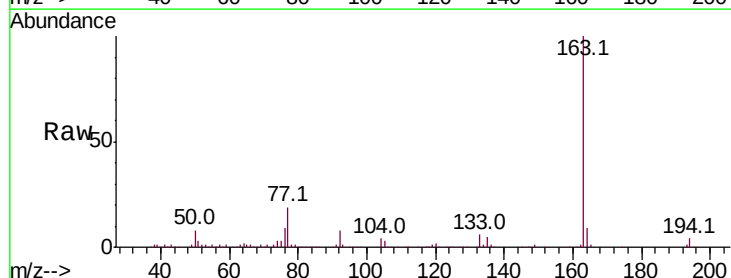
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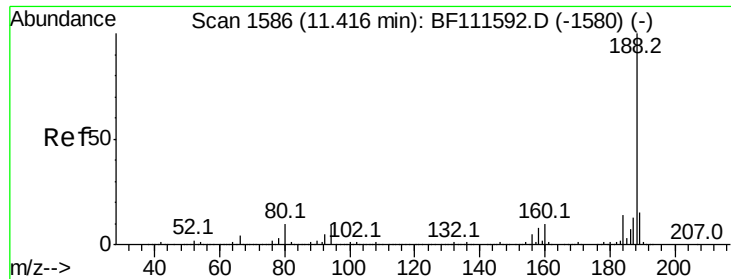
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#50
Dimethylphthalate
Concen: 5.543 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111822.D
Acq: 3 Jan 2019 15:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.3	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF111822.D

Acq: 3 Jan 2019 15:49

Instrument :

BNA_F

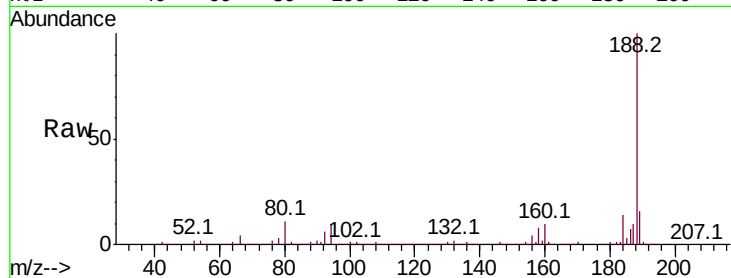
ClientSampleId :

AU-05-010219-D

Tot Ion:	188	Resp:	950392
Ion Ratio	Lower	Upper	
188	100		
94	10.3	9.6	14.4
80	10.9	9.8	14.6

Manual Integrations
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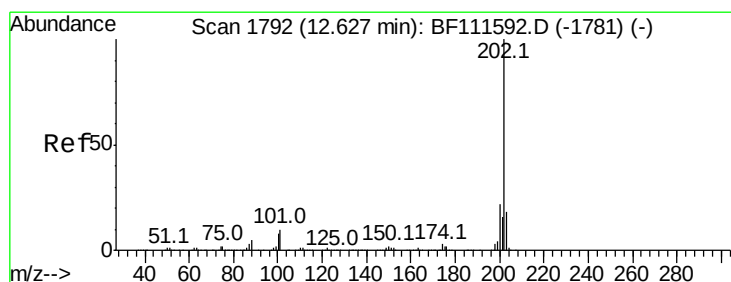
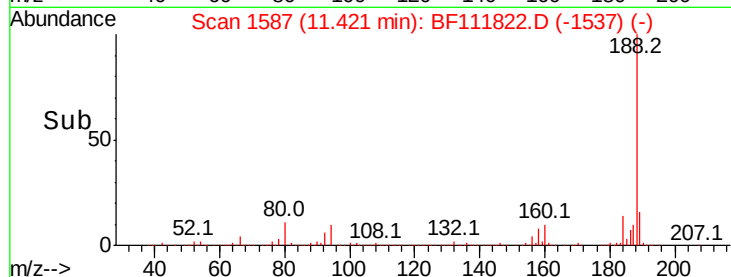
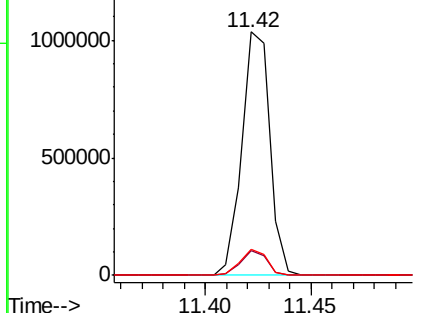
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Fluoranthene

Concen: 2.704 ng

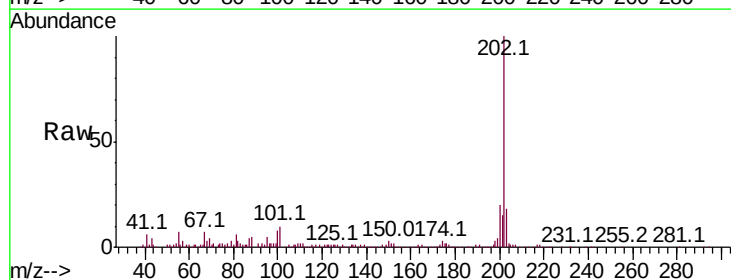
RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF111822.D

Acq: 3 Jan 2019 15:49

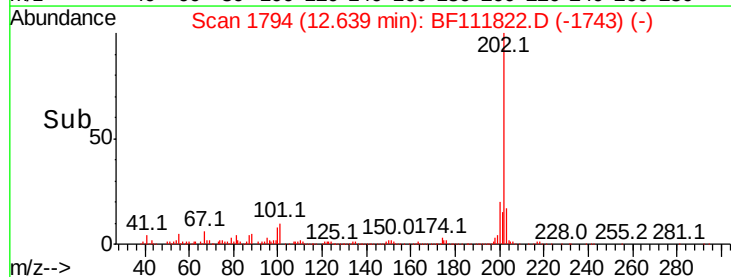
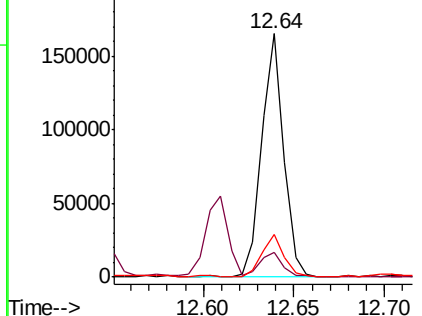
Tgt Ion:	202	Resp:	138003
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	33.8
203	17.7	0.0	38.6

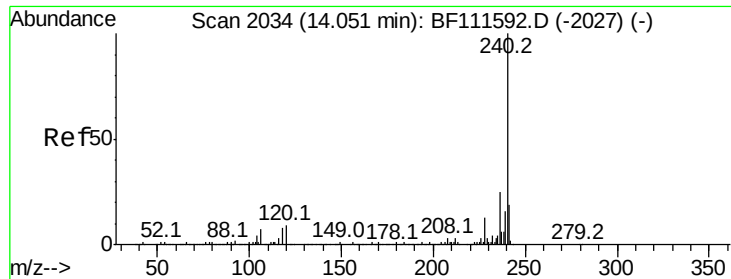


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





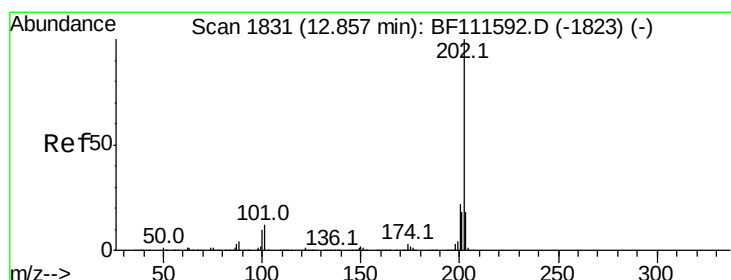
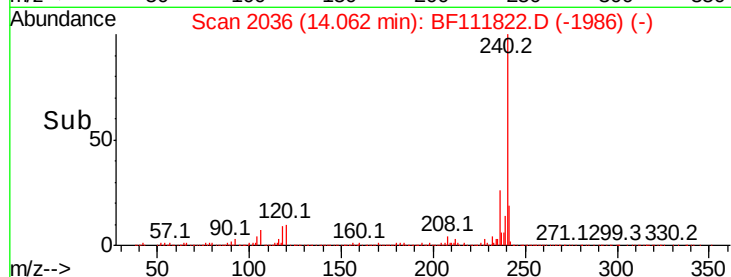
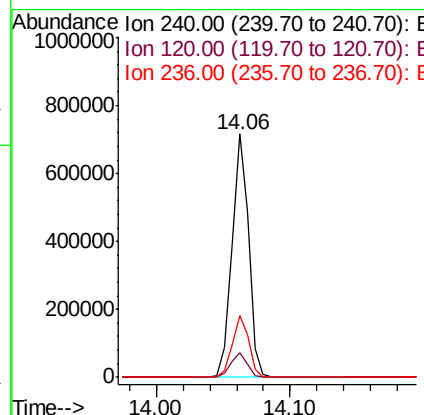
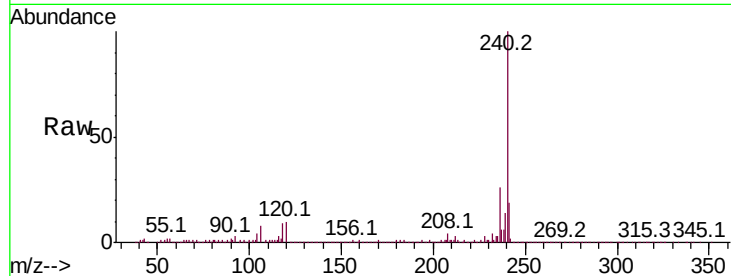
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF111822.D
 Acq: 3 Jan 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-010219-D

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	12.2	18.2#
236	25.6	20.2	30.2

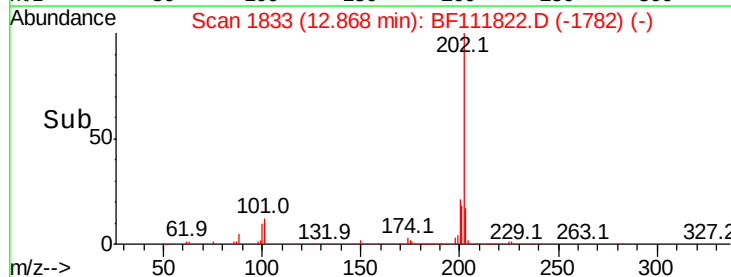
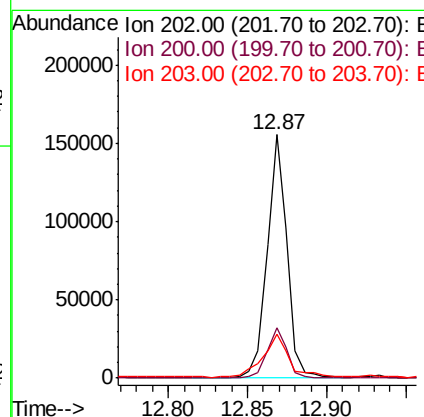
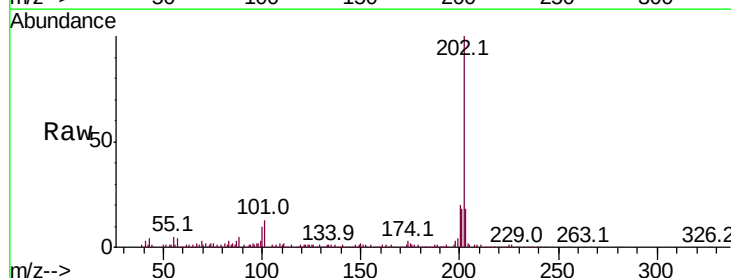
Manual Integrations
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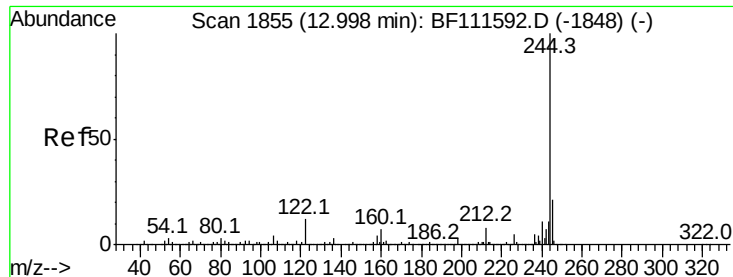
Sohil
 1/4/2019 9:56:35 AM



#78
 Pyrene
 Concen: 3.041 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF111822.D
 Acq: 3 Jan 2019 15:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	19.0	28.4
203	17.9	15.2	22.8





#79

Terphenyl-d14

Concen: 40.352 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF111822.D

Acq: 3 Jan 2019 15:49

Instrument :

BNA_F

ClientSampleId :

AU-05-010219-D

Tot Ion:244 Resp: 1339346

Ion Ratio Lower Upper

244 100

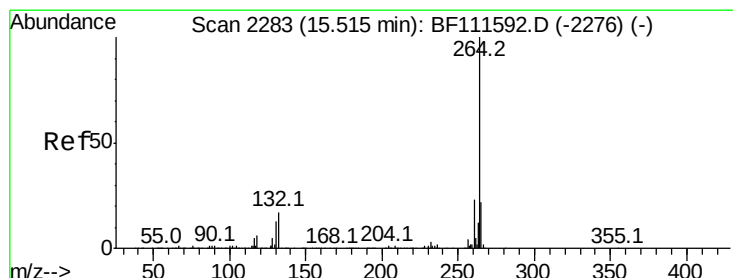
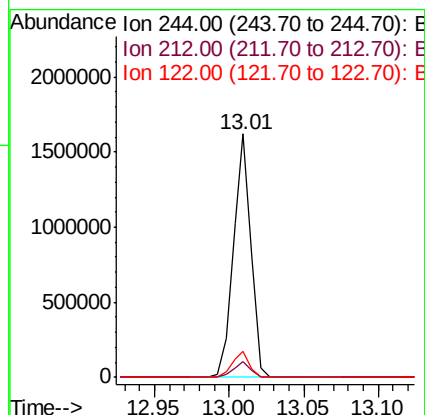
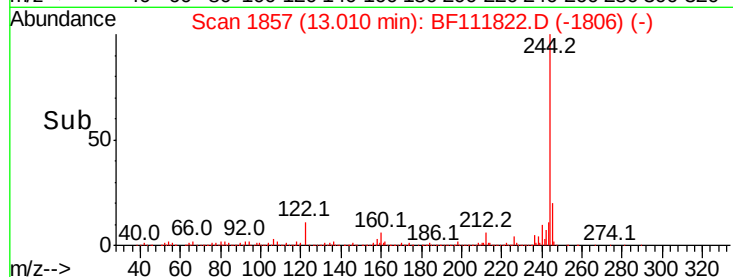
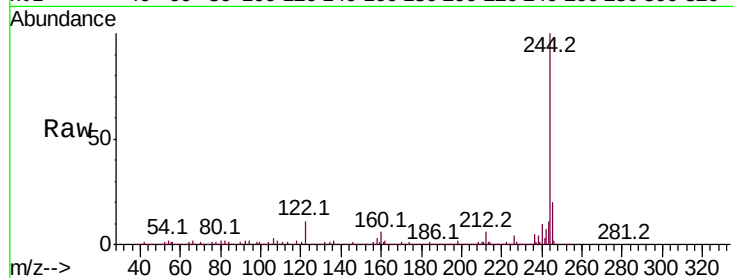
212 6.4 5.7 8.5

122 10.6 13.1 19.7#

Manual Integrations
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Sohil

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#87

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BF111822.D

Acq: 3 Jan 2019 15:49

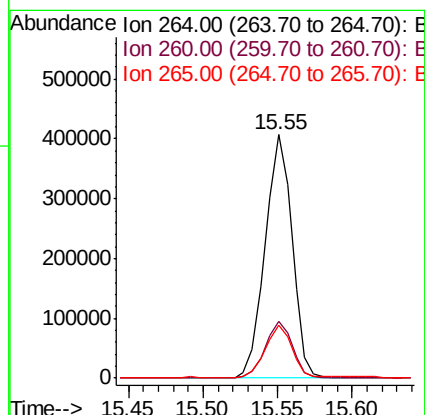
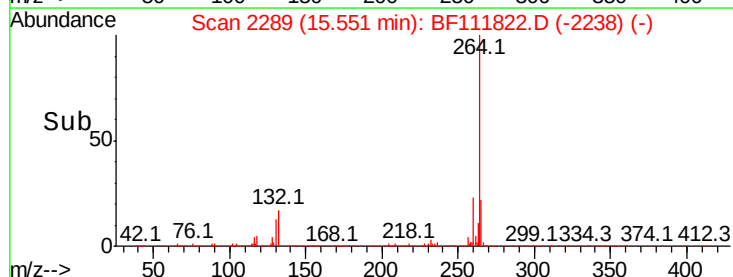
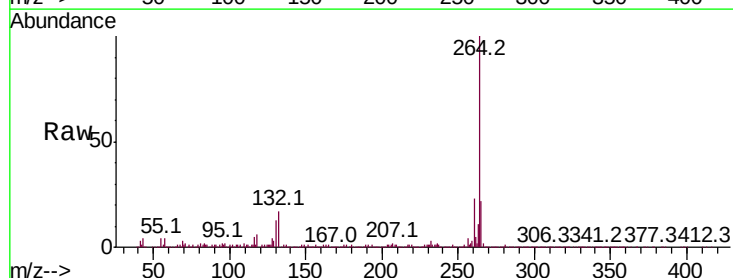
Tgt Ion:264 Resp: 505265

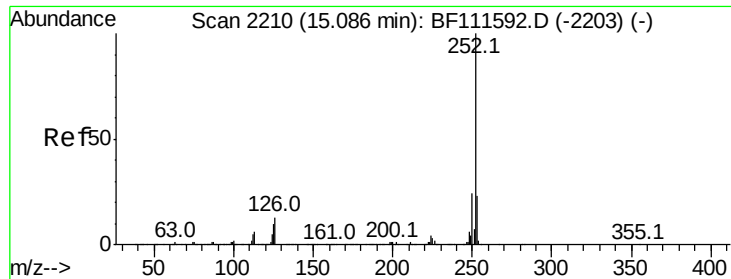
Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 21.7 17.7 26.5





#88
 Benzo(b)fluoranthene
 Concen: 2.119 ng/mL
 RT: 15.12 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: BF111822.D
 Acq: 3 Jan 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-010219-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.2
125	18.5	10.4	15.6

Manual Integrations
 APPROVED

Sohil
 1/4/2019 9:56:35 AM

