

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111325.D
 Acq On : 12 Dec 2018 16:58
 Operator : JU/SJ
 Sample : J6214-31
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(15-17)

Manual Integrations
 APPROVED

Sohil
 12/13/2018 6:06:03 PM

Quant Time: Dec 13 02:53:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	271974	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1098991	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	480954	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	729184	20.00	ng	0.00
76) Chrysene-d12	13.95	240	441177	20.00	ng	0.00
87) Perylene-d12	15.40	264	425822	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1532399	95.28	ng	0.00
7) Phenol-d6	6.42	99	1999852	92.22	ng	-0.01
23) Nitrobenzene-d5	7.35	82	1262018	64.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	295845	69.78	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1984064	66.23	ng	0.00
79) Terphenyl-d14	12.90	244	1184927	59.11	ng	0.00
Target Compounds						
10) Phenol	6.43	94	121855	4.961	ng	97
50) Dimethylphthalate	9.54	163	192637	5.570	ng	98
71) Phenanthrene	11.33	178	232350	6.165	ng	94
75) Fluoranthene	12.52	202	262794	7.142	ng	98
78) Pyrene	12.75	202	245419	7.208	ng	96
81) Benzo(a)anthracene	13.94	228	105868	4.289	ng	94
83) Chrysene	13.97	228	90480	3.593	ng	96
86) Indeno(1,2,3-cd)pyrene	16.81	276	43670	2.217	ng	97
88) Benzo(b)fluoranthene	14.99	252	110006m	4.543	ng	
90) Benzo(a)pyrene	15.34	252	87253	3.870	ng	# 76
92) Benzo(a,h,i)perylene	17.23	276	54935	2.929	ng	93

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

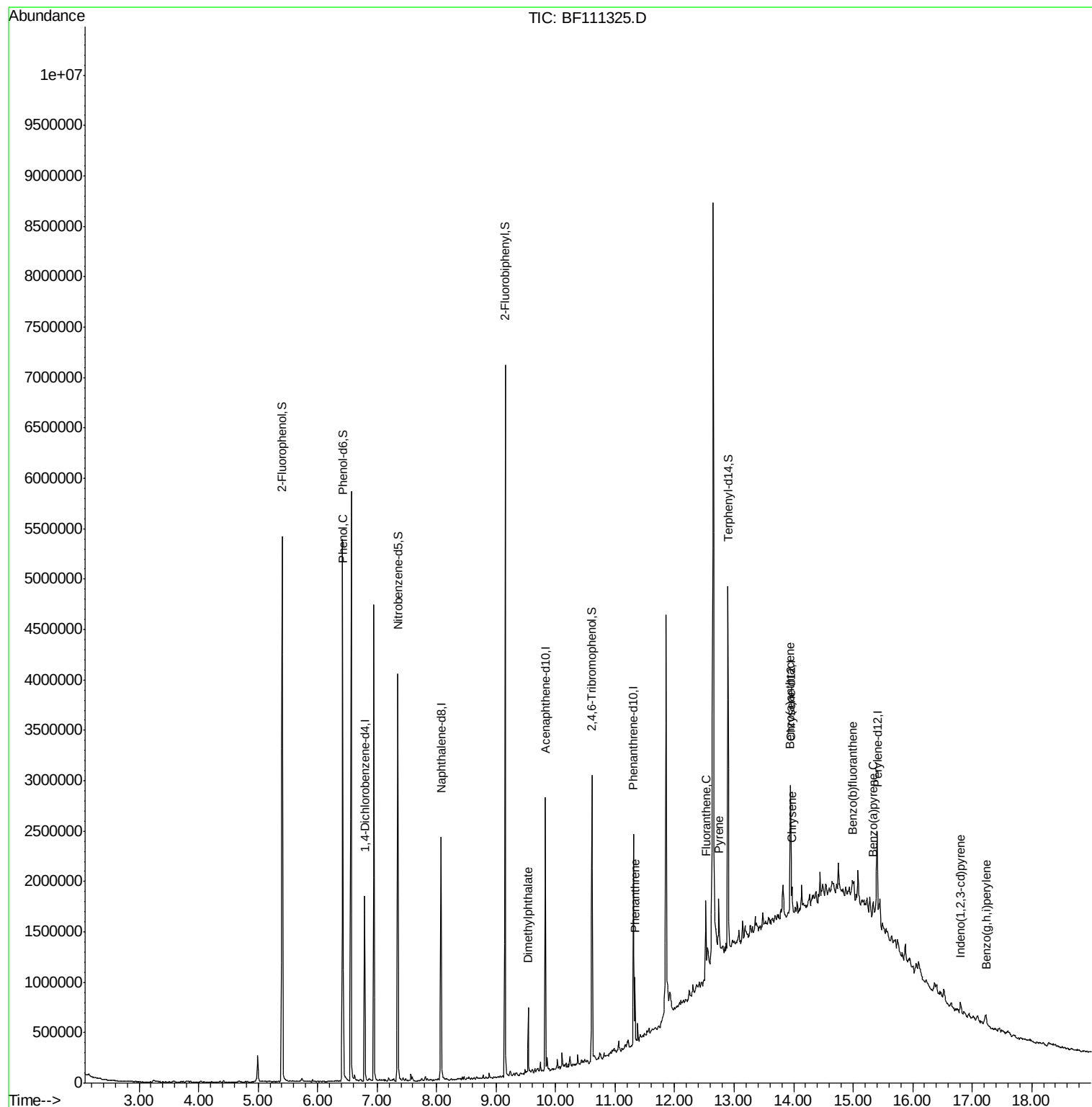
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111325.D
Acq On : 12 Dec 2018 16:58
Operator : JU/SJ
Sample : J6214-31
Misc :
ALS Vial : 5 Sample Multiplier: 1

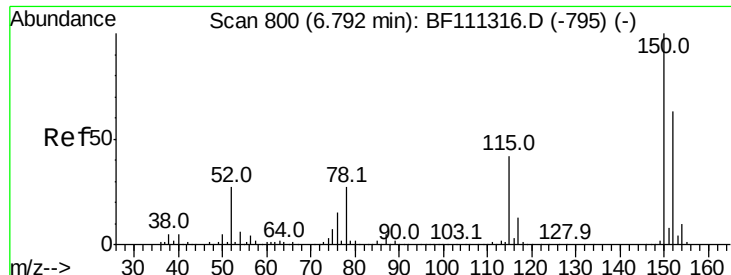
Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

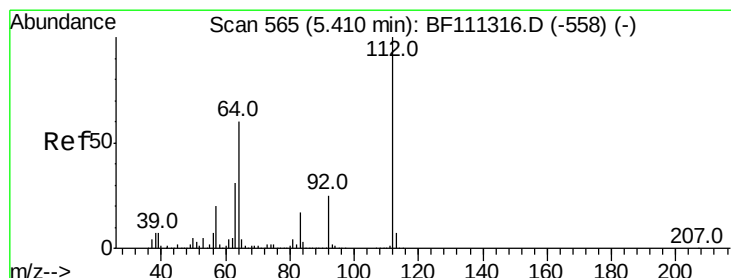
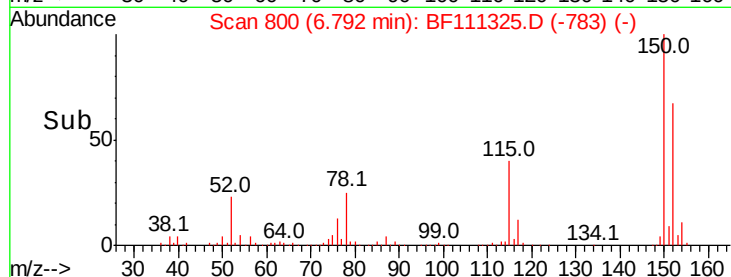
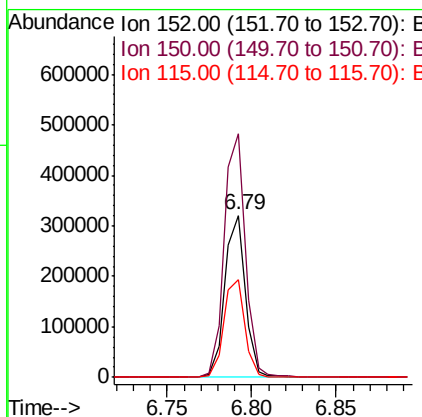
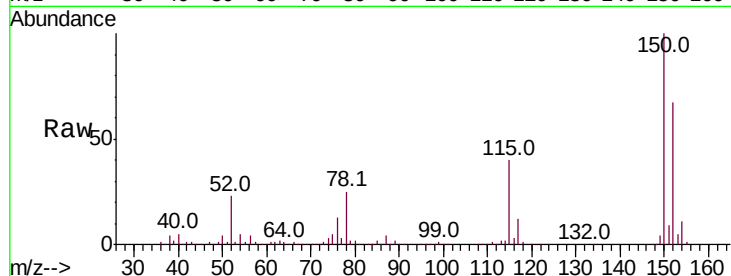
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	126.6	189.8
115	60.3	50.7	76.1

Manual Integrations
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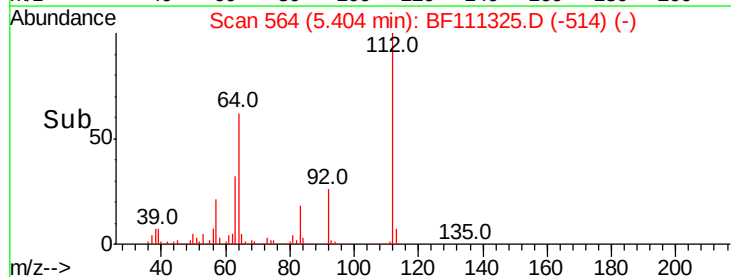
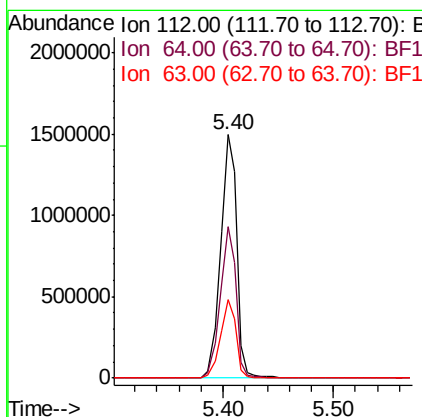
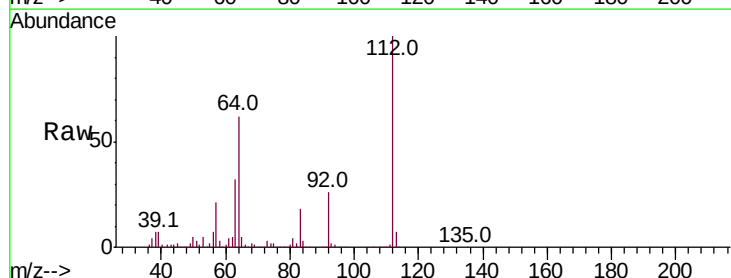
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12/13/2018 6:06:03 PM

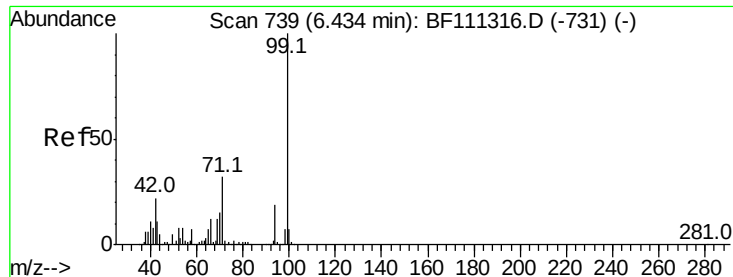


#5

2-Fluorophenol
Concen: 95.279 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	51.8	77.6
63	32.2	26.8	40.2





#7

Phenol-d6

Concen: 92.224 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

ClientSampled :

SB-2(15-17)

Tot Ion: 99 Resp: 1999852

Ion Ratio Lower Upper

99 100

42 22.2 17.4 26.0

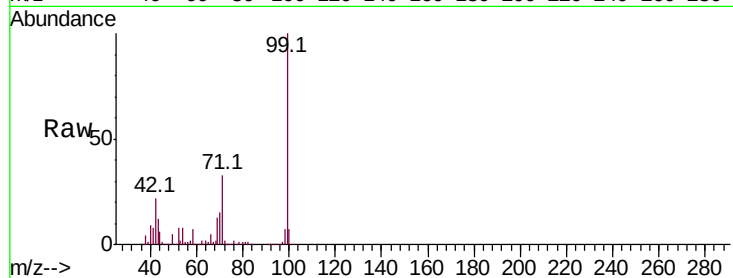
71 32.7 26.1 39.1

Manual Integrations

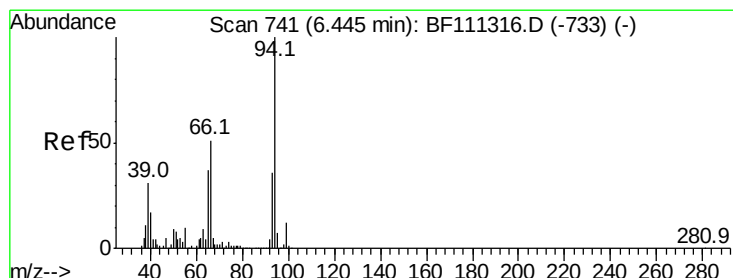
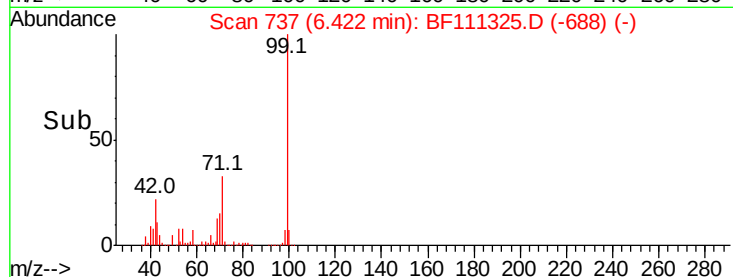
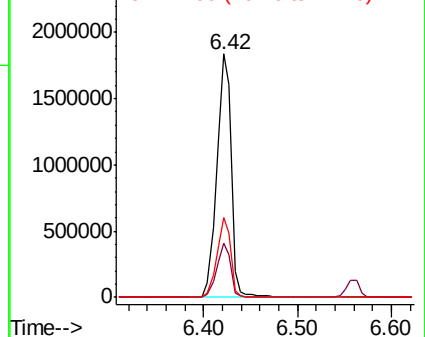
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.961 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

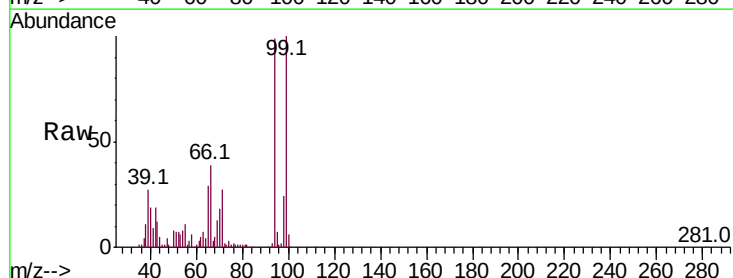
Tgt Ion: 94 Resp: 121855

Ion Ratio Lower Upper

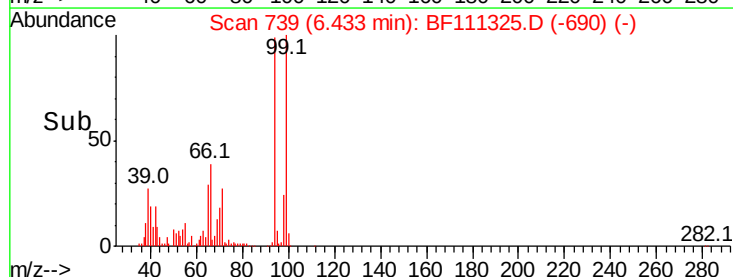
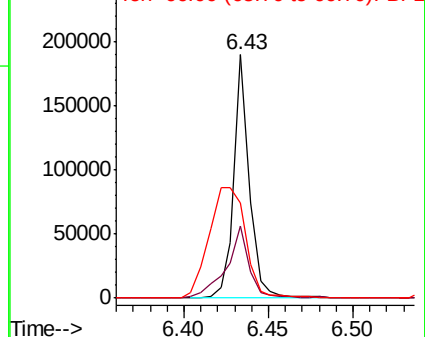
94 100

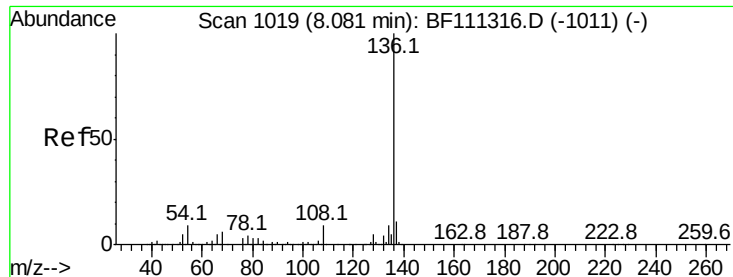
65 29.4 11.7 51.7

66 39.3 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





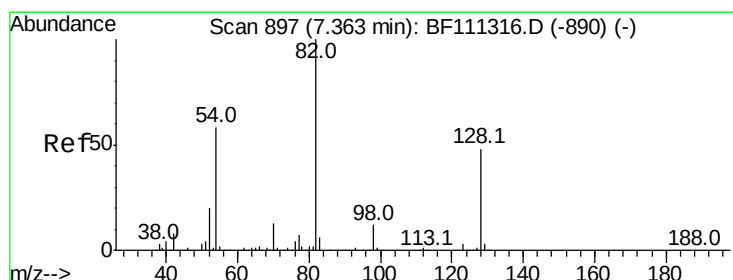
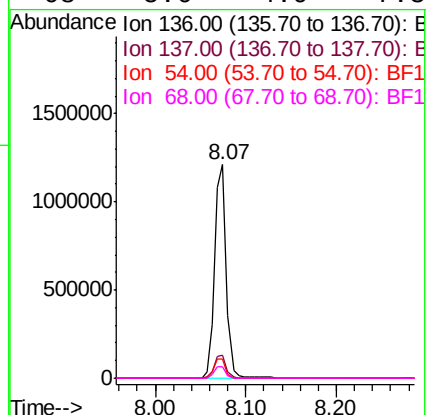
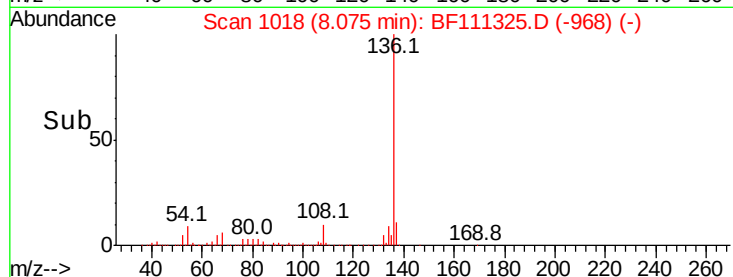
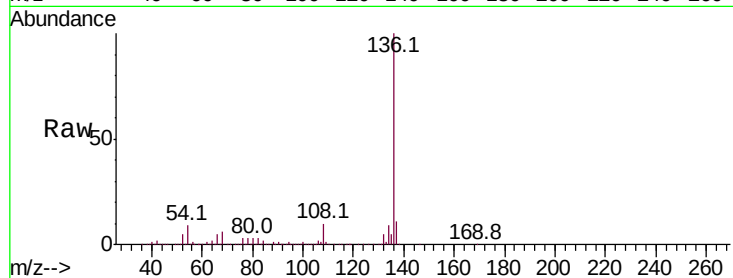
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	8.9	7.7	11.5
68	5.6	4.9	7.3

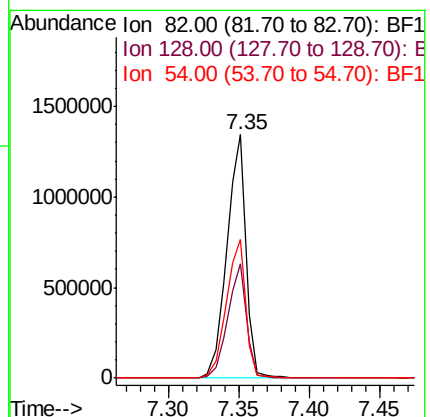
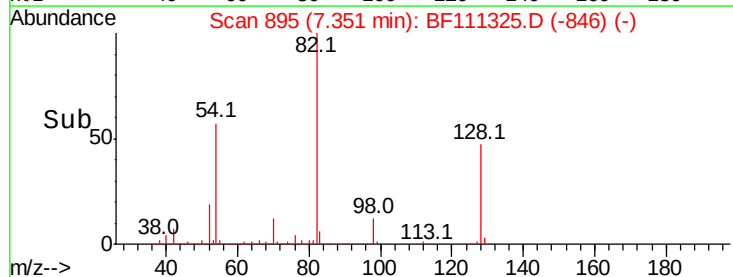
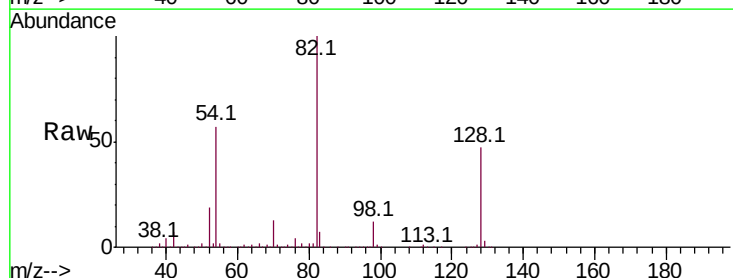
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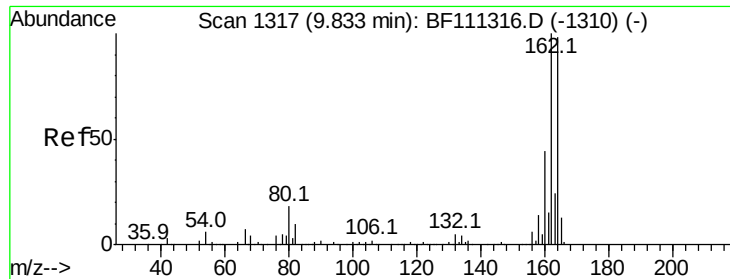
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#23
Nitrobenzene-d5
Concen: 64.724 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.4	56.2
54	56.8	47.6	71.4





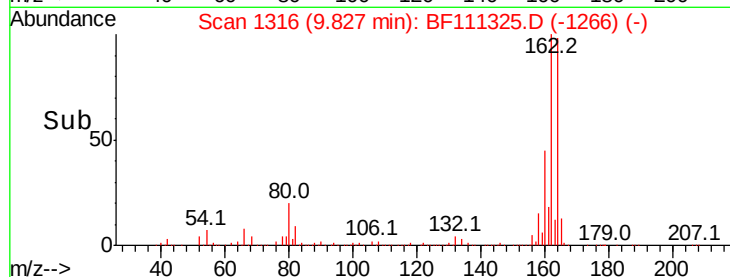
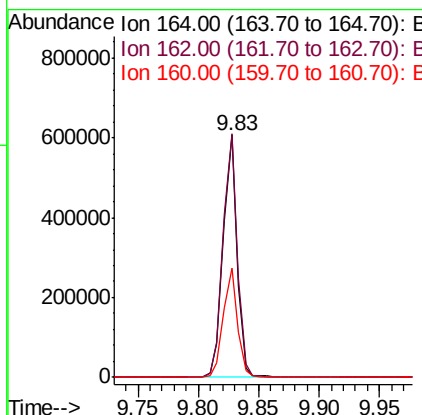
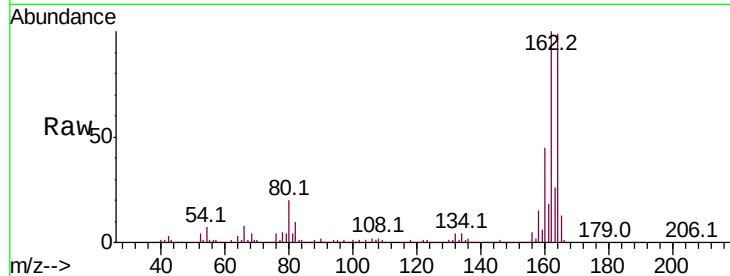
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	480954		
162	100.7	81.4	122.0	
160	45.3	35.7	53.5	

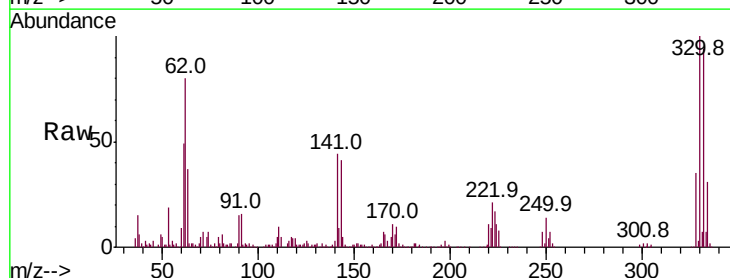
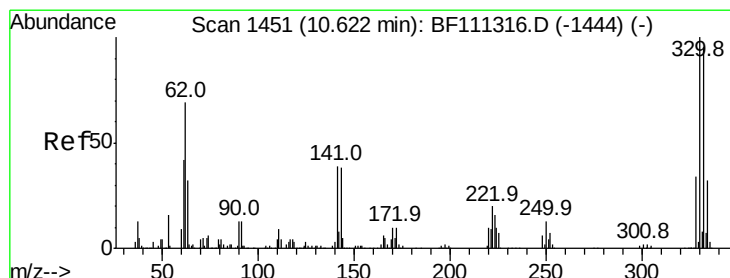
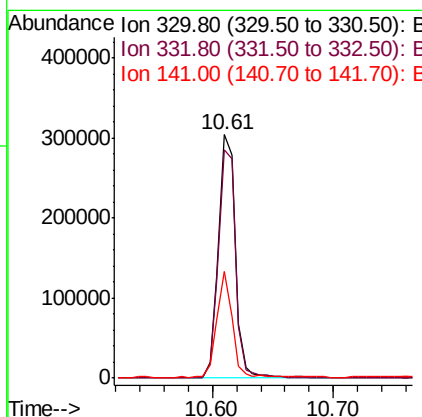
Manual Integrations
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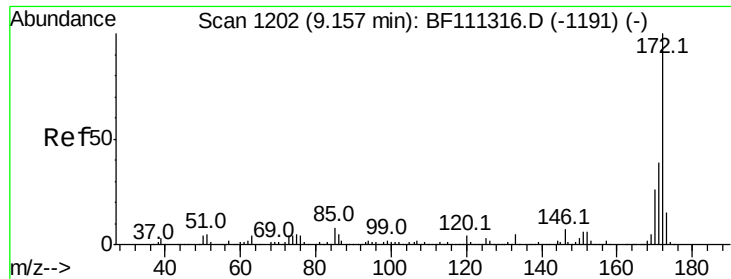
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#42
2,4,6-Tribromophenol
Concen: 69.780 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	295845		
332	95.4	76.0	114.0	
141	40.0	31.0	46.6	





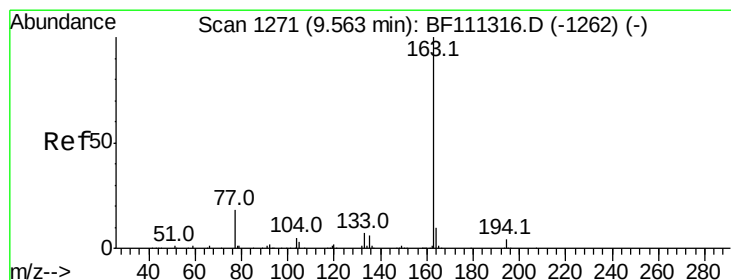
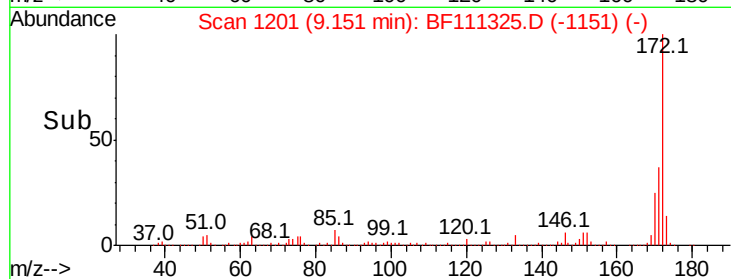
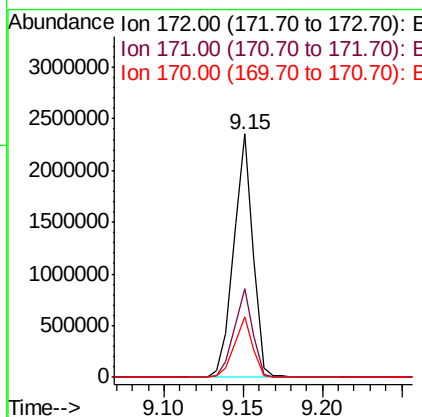
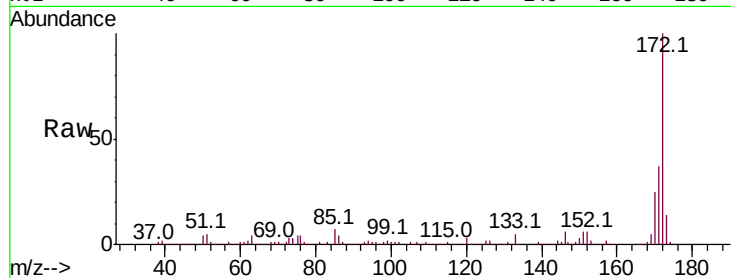
#45
2-Fluorobiphenyl
Concen: 66.231 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	33.0	49.4
170	25.0	22.3	33.5

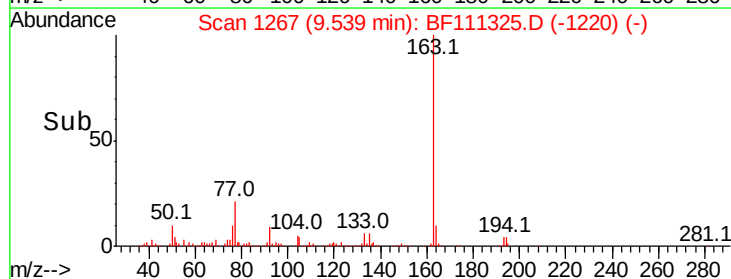
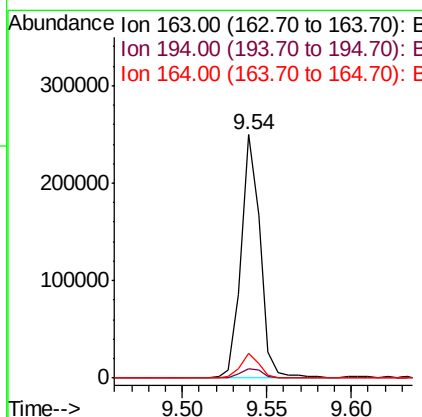
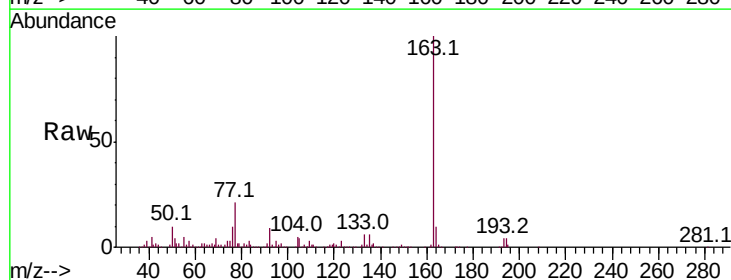
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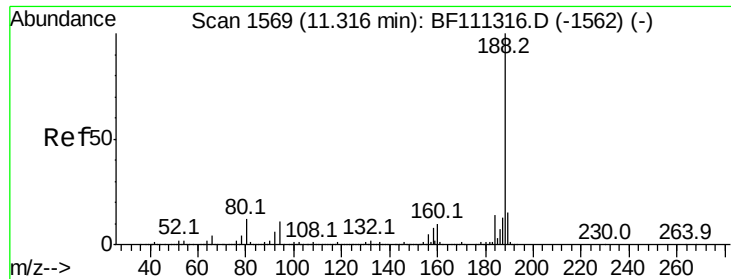
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#50
Dimethylphthalate
Concen: 5.570 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.0	8.9	13.3





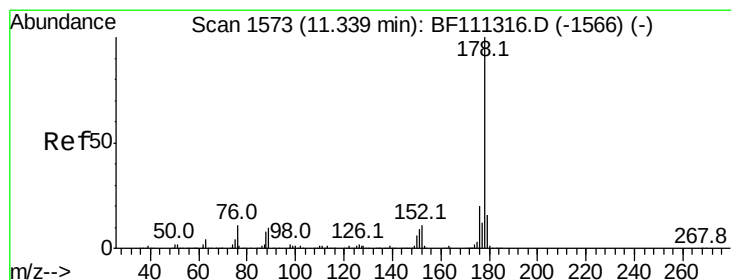
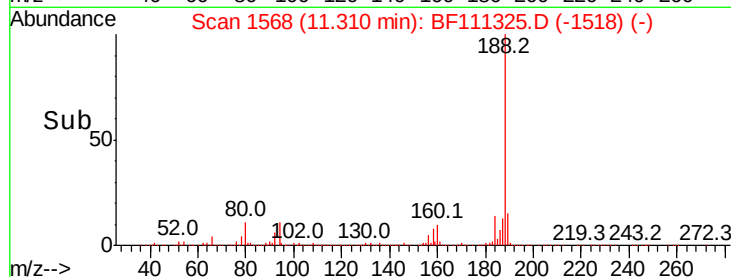
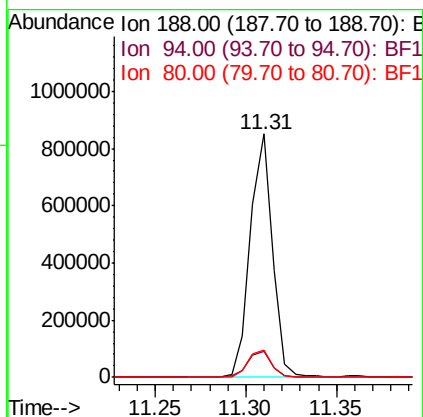
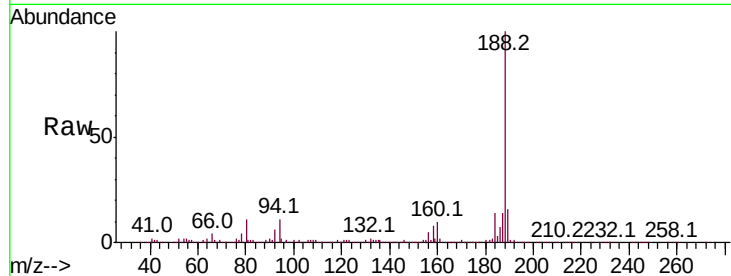
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Instrument :
BNA_F
ClientSampled :
SB-2(15-17)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.8	9.6	14.4
80	11.2	9.8	14.6

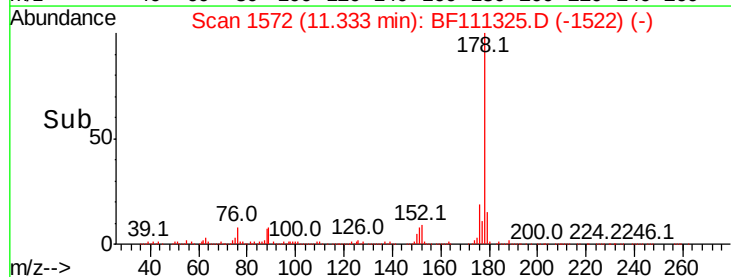
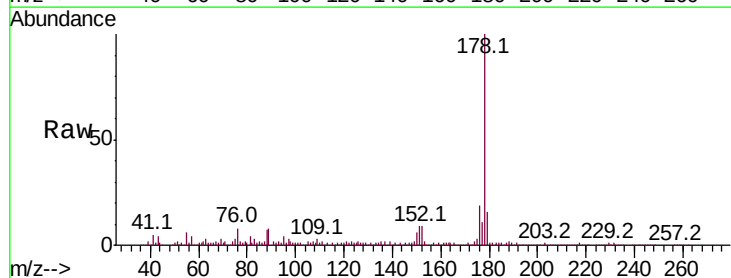
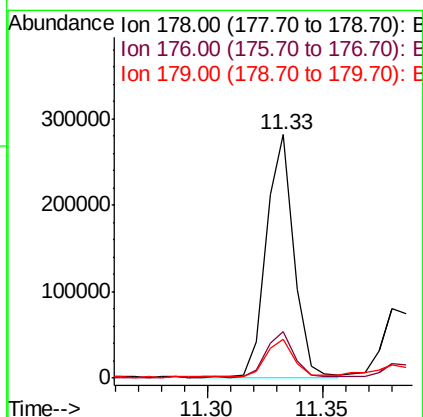
Manual Integrations
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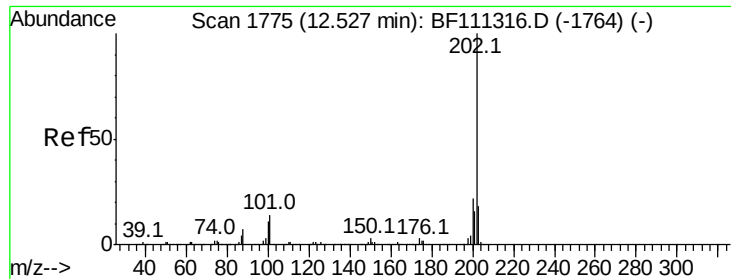
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#71
Phenanthrene
Concen: 6.165 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.9	18.1	27.1
179	16.1	14.0	21.0





#75

Fluoranthene

Concen: 7.142 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

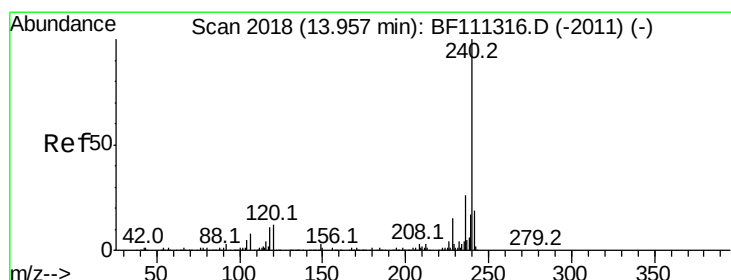
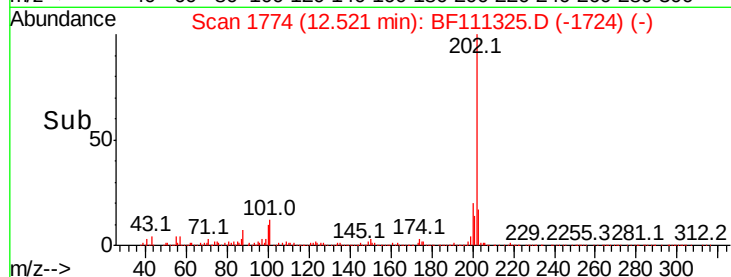
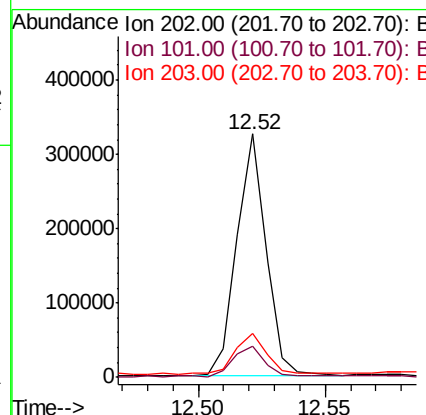
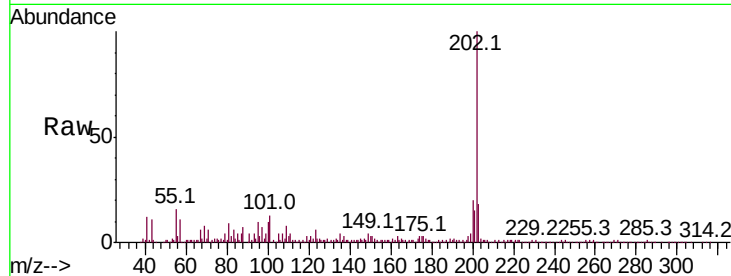
ClientSampleId :

SB-2(15-17)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	0.0	33.8
203	18.3	0.0	38.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

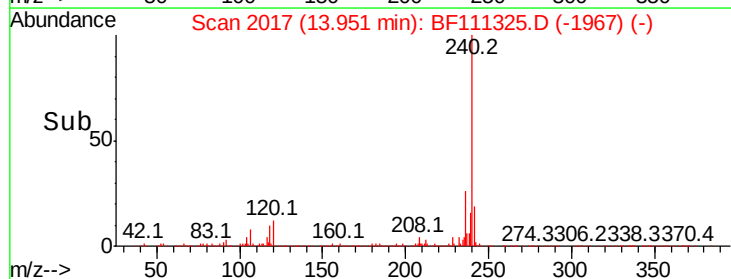
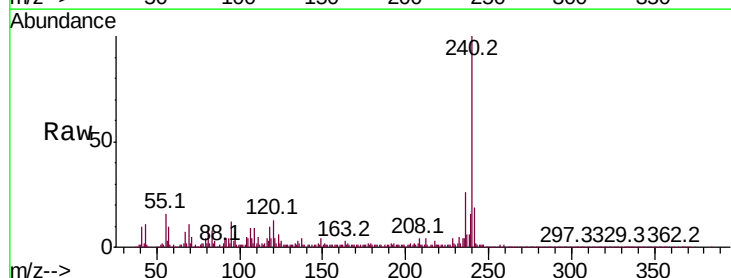
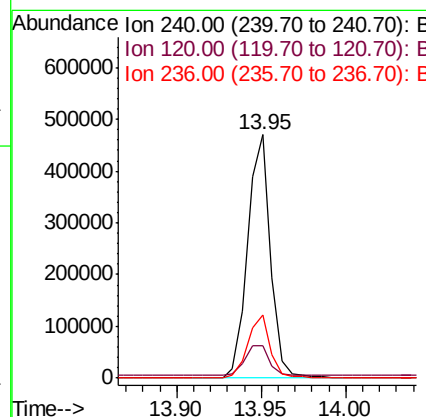
RT: 13.95 min Scan# 2017

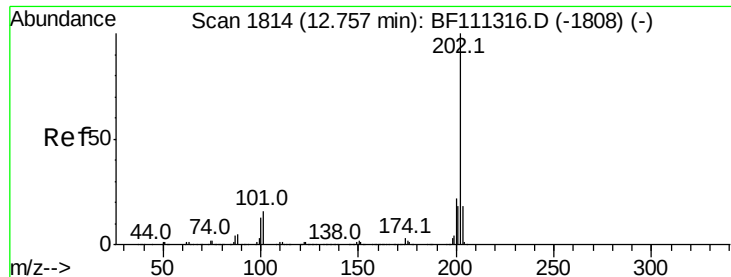
Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.5	12.2	18.2
236	26.0	20.2	30.2





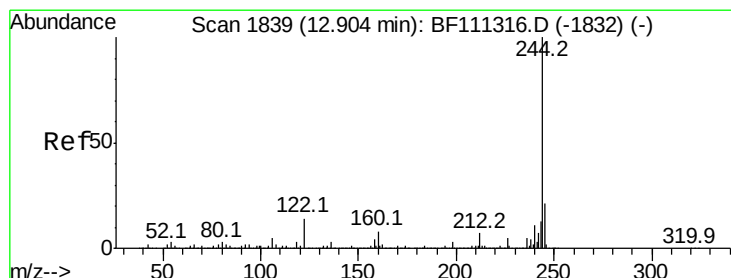
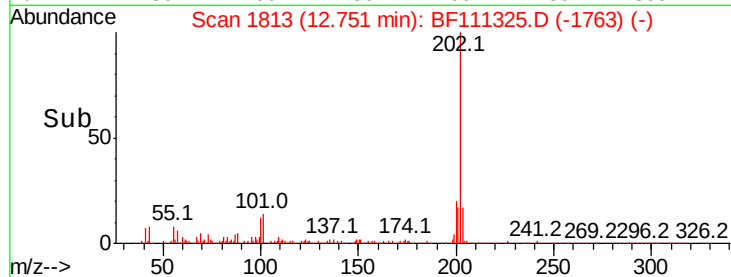
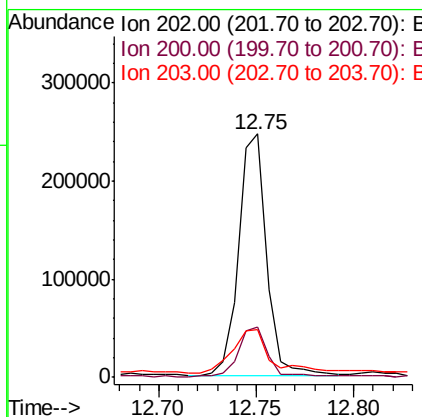
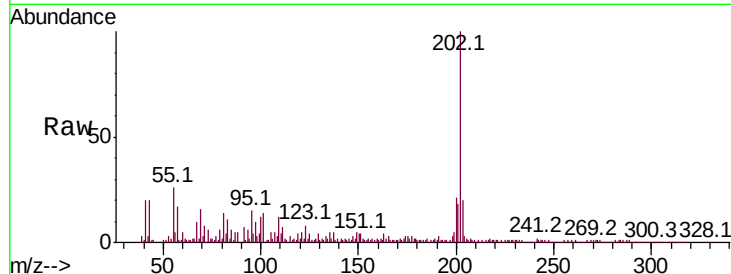
#78
Pvrene
Concen: 7.208 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	19.0	28.4
203	19.5	15.2	22.8

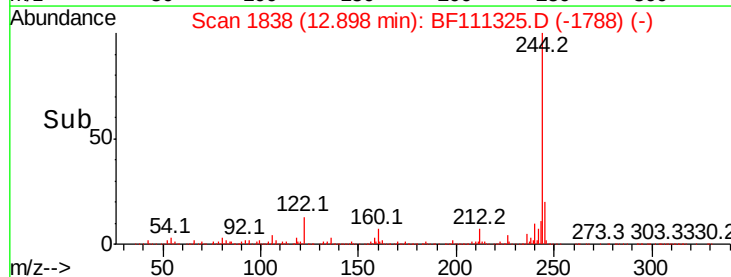
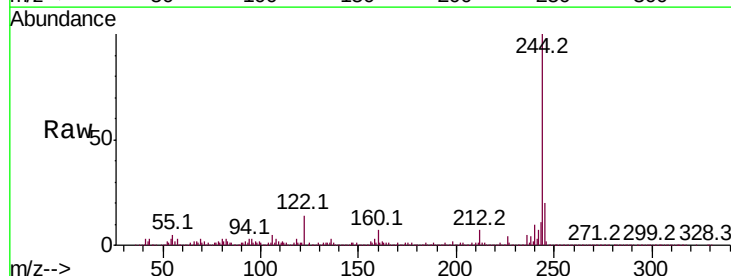
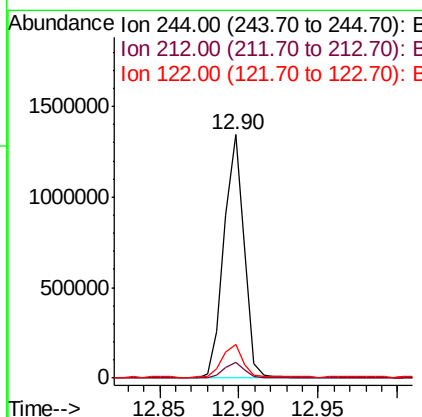
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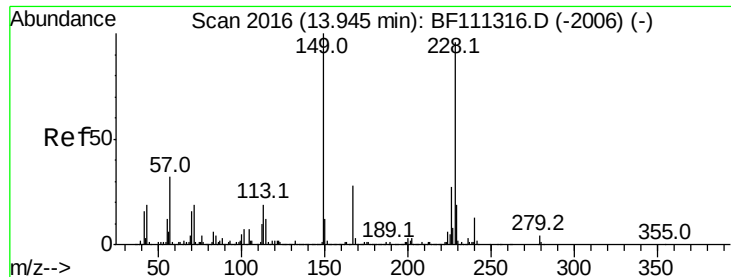
Sohil
12/13/2018 6:06:03 PM



#79
Terphenyl-d14
Concen: 59.113 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	13.6	13.1	19.7





#81

Benzo(a)anthracene

Concen: 4.289 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

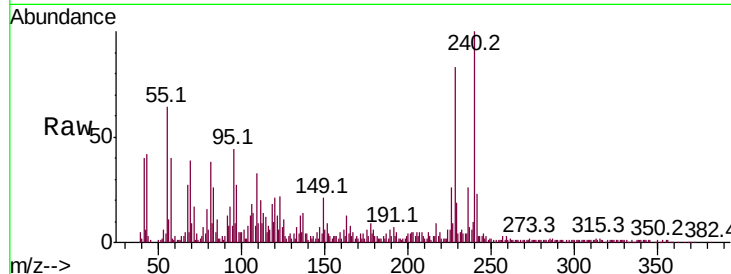
ClientSampled :

SB-2(15-17)

Tot Ion:	228	Resp:	105868
Ion Ratio	Lower	Upper	
228	100		
226	31.3	22.6	34.0
229	23.0	16.3	24.5

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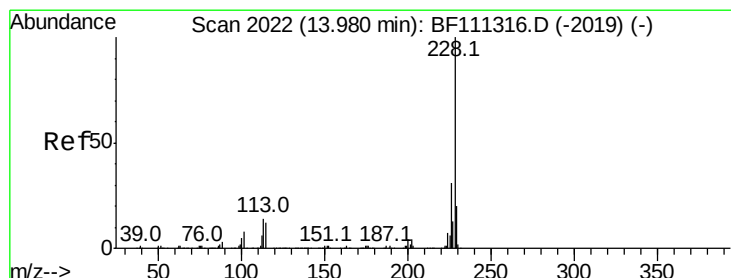
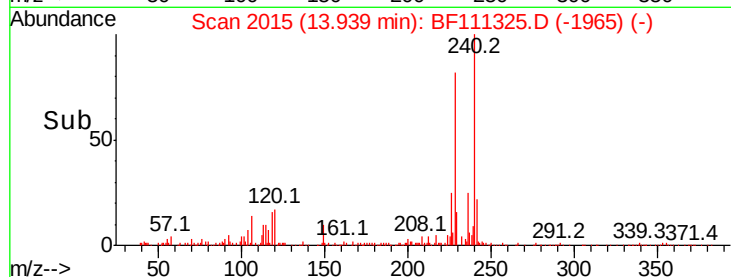
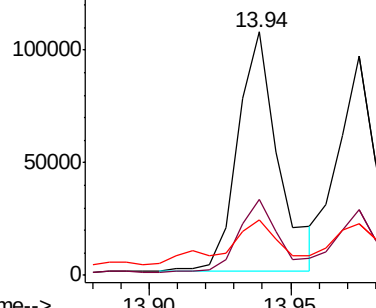


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 3.593 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

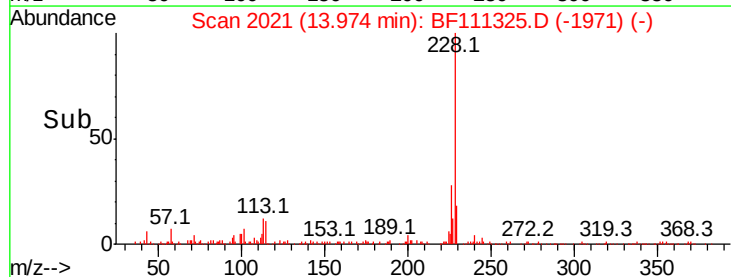
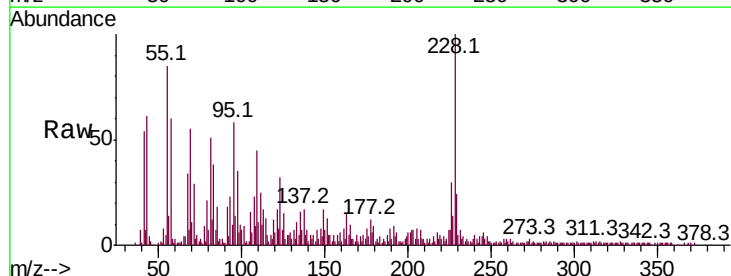
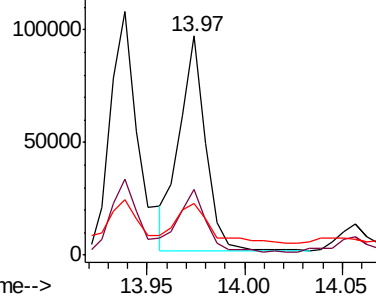
Tgt Ion:	228	Resp:	90480
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.3	37.9
229	23.6	17.2	25.8

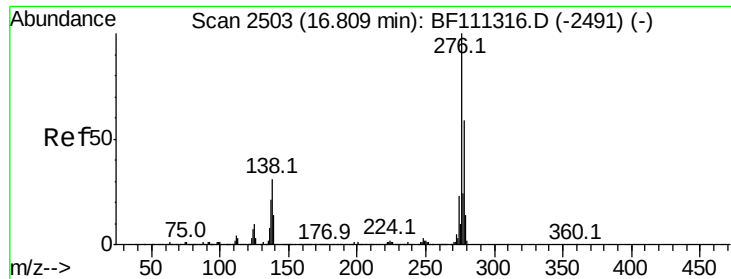
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





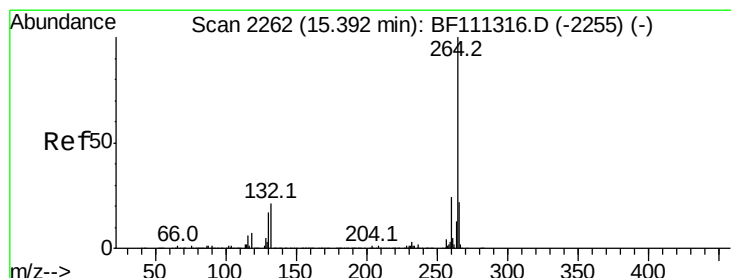
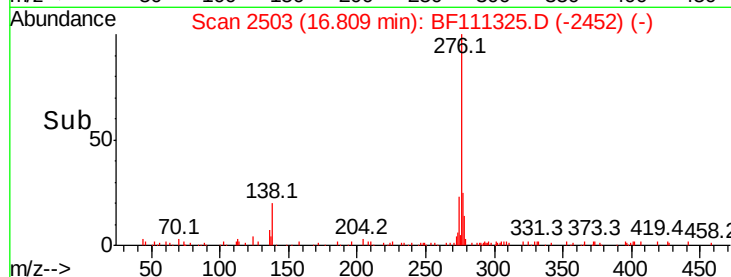
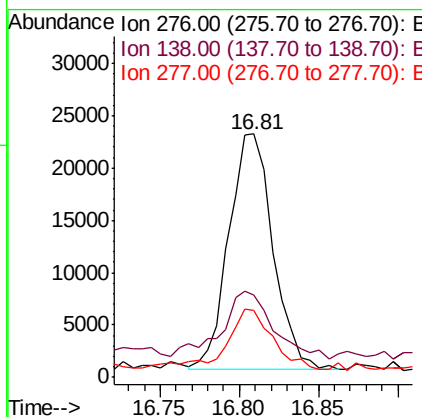
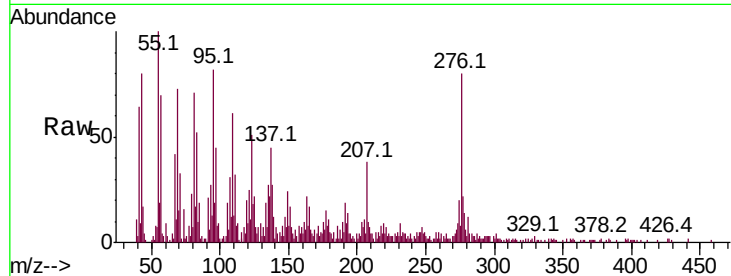
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.217 ng
 RT: 16.81 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BF111325.D
 Acq: 12 Dec 2018 16:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(15-17)

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.8	27.8	41.6
277	27.6	20.1	30.1

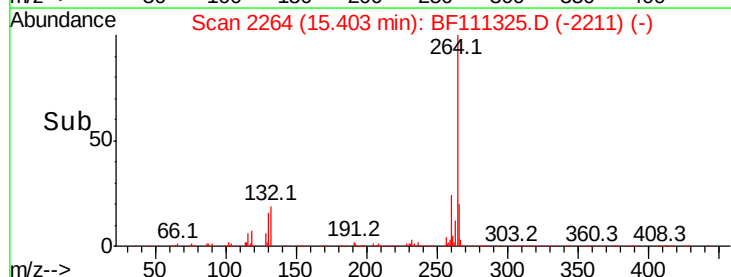
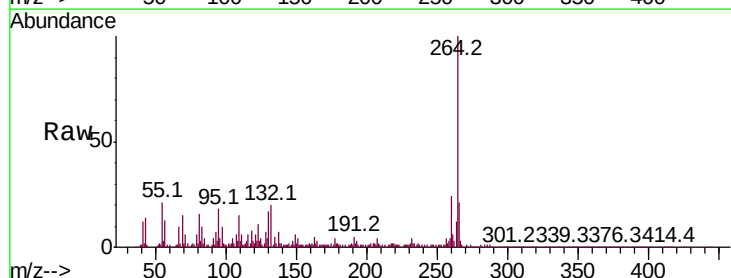
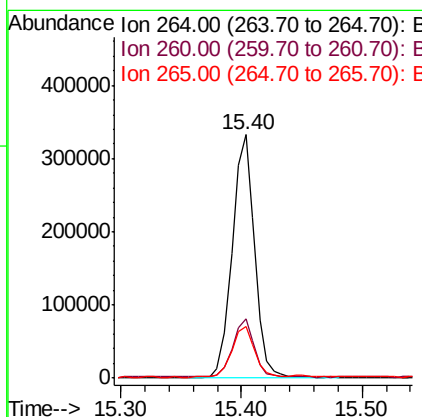
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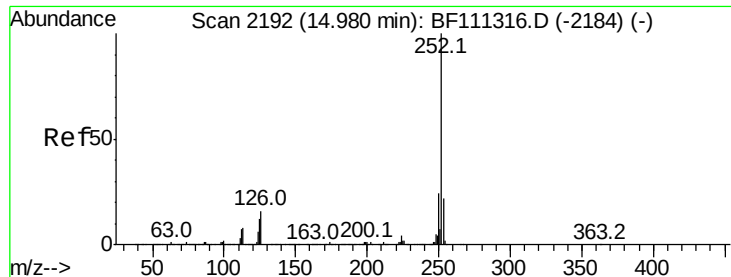
Sohil
 12/13/2018 6:06:03 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: BF111325.D
 Acq: 12 Dec 2018 16:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	21.0	17.7	26.5





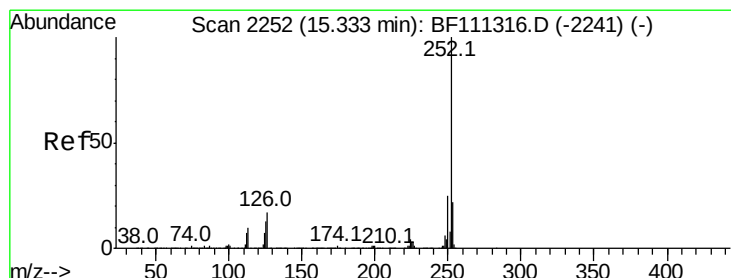
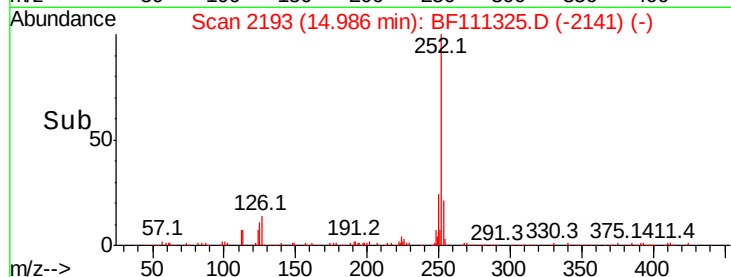
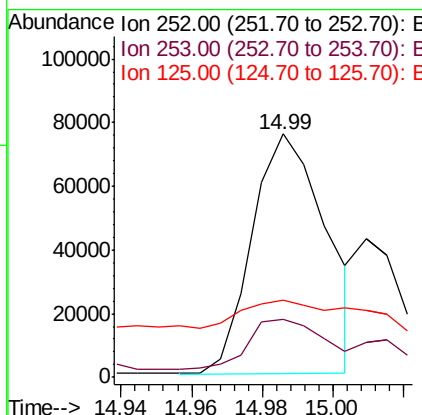
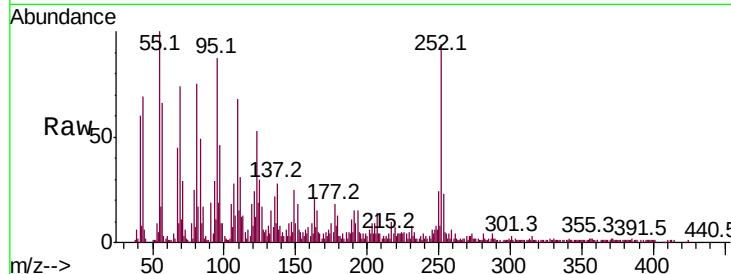
#88
Benzo(b)fluoranthene
Concen: 4.543 ng m
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Instrument :
BNA_F
ClientSampled :
SB-2(15-17)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	31.8	10.4	15.6

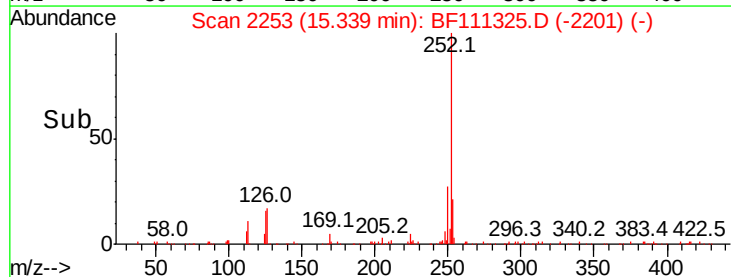
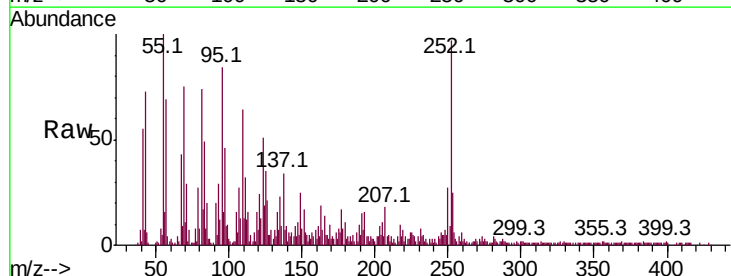
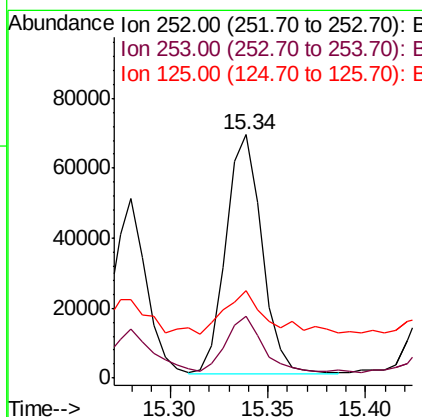
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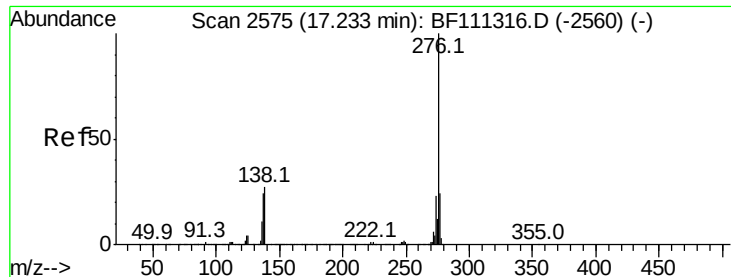
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#90
Benzo(a)pyrene
Concen: 3.870 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.8	26.8
125	35.8	12.3	18.5





#92
 Benzo(a,h,i)perylene
 Concen: 2.929 ng
 RT: 17.23 min Scan# 2574
 Delta R.T. -0.01 min
 Lab File: BF111325.D
 Acq: 12 Dec 2018 16:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(15-17)

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.2	28.8
138	37.0	24.9	37.3

Manual Integrations
 APPROVED

Sohil
 12/13/2018 6:06:03 PM

