

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111549.D
 Acq On : 17 Dec 2018 19:59
 Operator : JU/SJ
 Sample : J6403-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-A

Manual Integrations
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Sohil
 12/20/2018 2:56:29 PM

Quant Time: Dec 18 06:23:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	130352	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	532367	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	250442	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	422080	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	264040	20.00	ng	0.00
87) Perylene-d12	15.38	264	421496	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	782437	99.89	ng	0.00
7) Phenol-d6	6.44	99	797407	76.53	ng	0.00
23) Nitrobenzene-d5	7.35	82	488005	54.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	145105	64.68	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	833526	51.41	ng	-0.01
79) Terphenyl-d14	12.89	244	578822	51.48	ng	0.00
Target Compounds						
10) Phenol	6.45	94	51147	4.406	ng	91
50) Dimethylphthalate	9.54	163	83244	4.615	ng	97
75) Fluoranthene	12.52	202	137439	6.460	ng	94
78) Pyrene	12.74	202	120204	6.457	ng	95
81) Benzo(a)anthracene	13.93	228	48531	3.380	ng	99
83) Chrysene	13.97	228	51715	3.419	ng	94
86) Indeno(1,2,3-cd)pyrene	16.79	276	39311	3.601	ng	# 91
88) Benzo(b)fluoranthene	14.96	252	67035m	2.728	ng	
90) Benzo(a)pyrene	15.32	252	71368	3.221	ng	98
92) Benzo(g,h,i)perylene	17.22	276	38800	2.261	ng	97

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

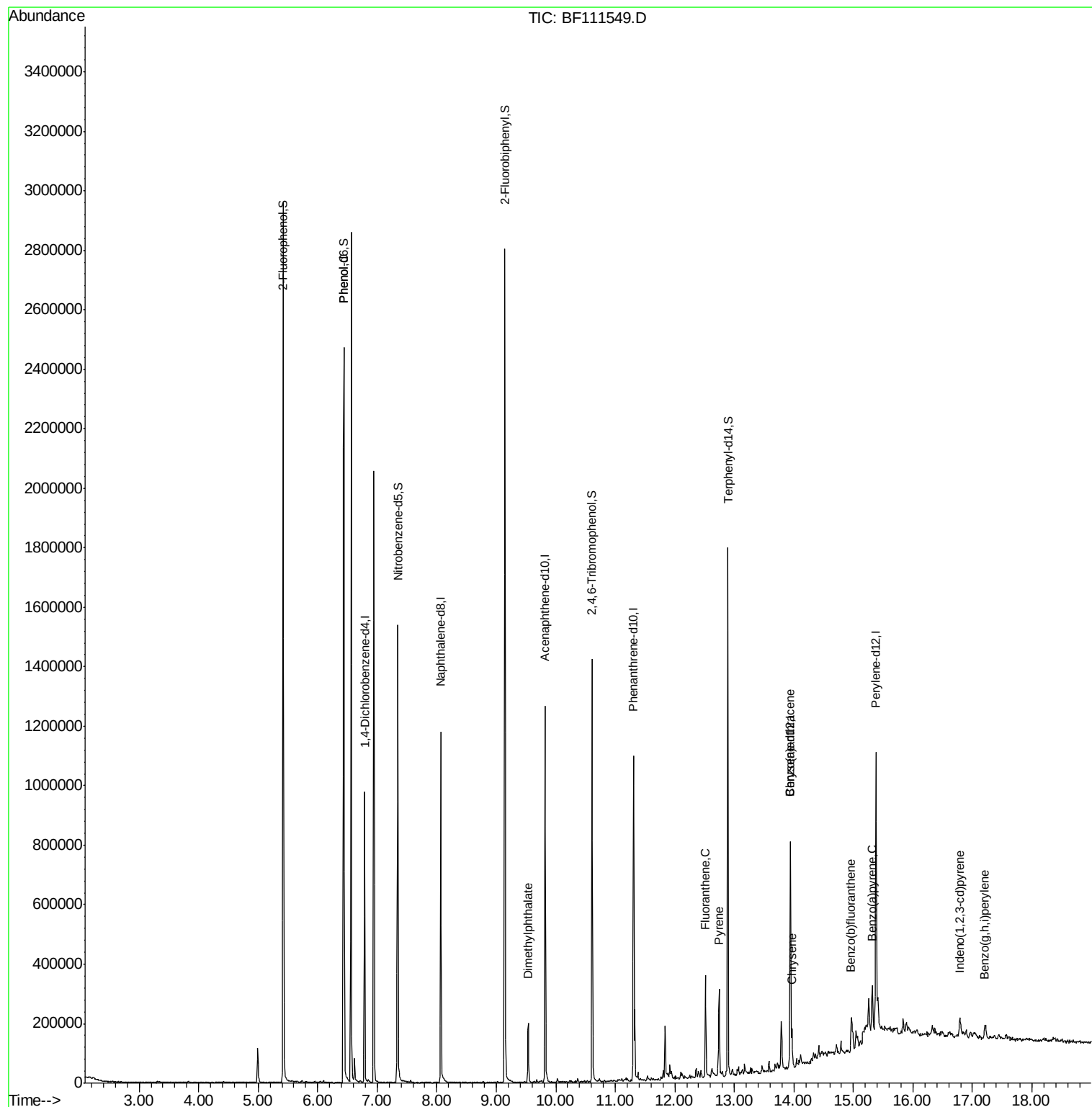
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111549.D
Acq On : 17 Dec 2018 19:59
Operator : JU/SJ
Sample : J6403-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

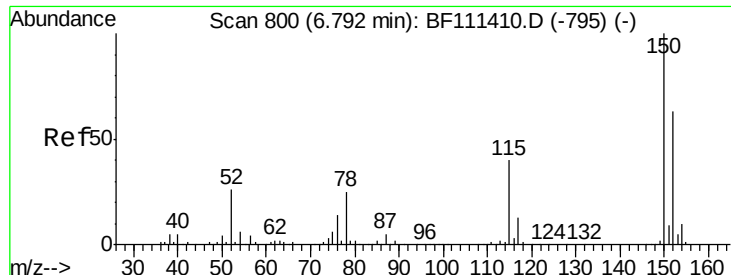
Instrument :
BNA_F
ClientSampleId :
TP-1-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

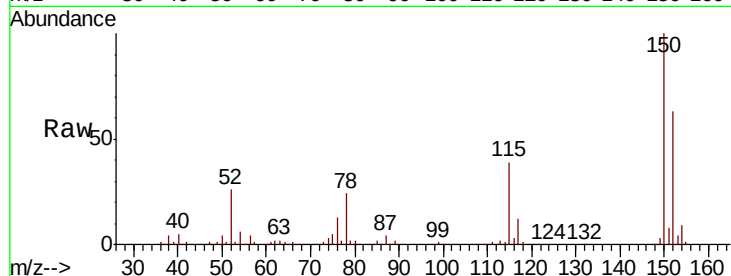
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
TP-1-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.6	189.8
115	61.3	50.7	76.1

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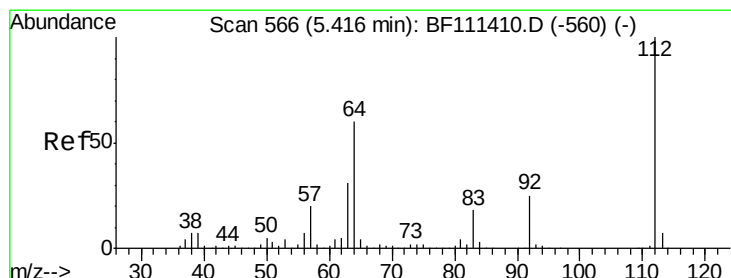
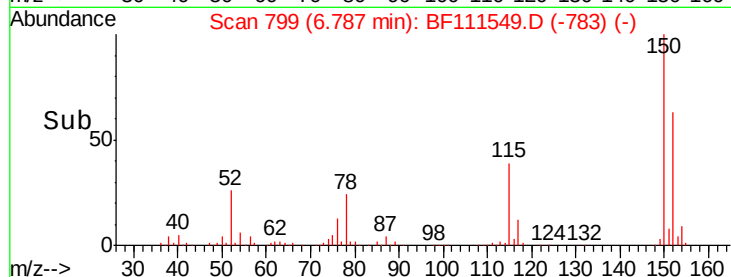
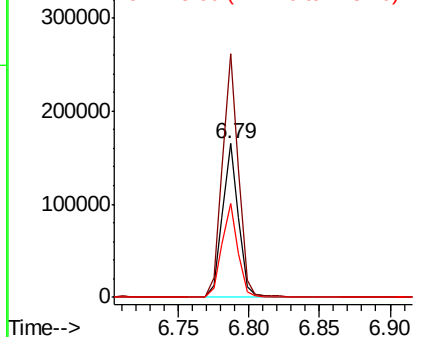


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

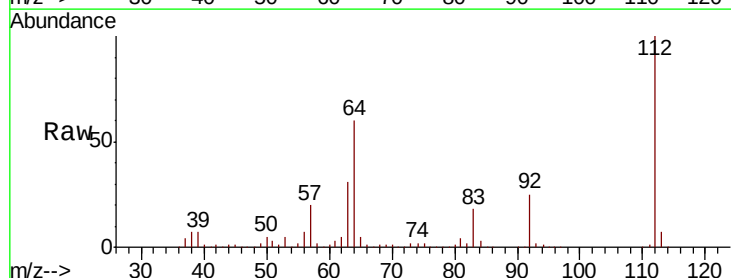
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.885 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	51.8	77.6
63	31.4	26.8	40.2

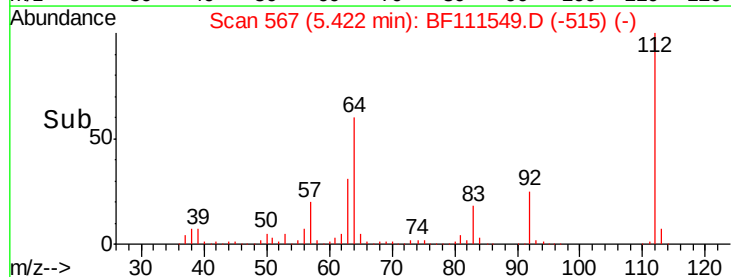
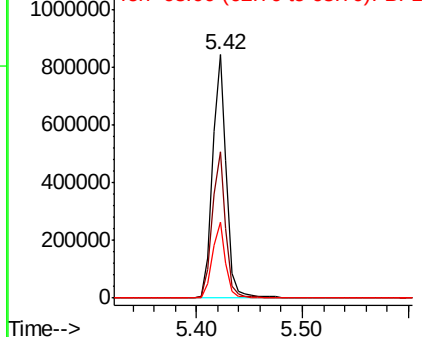


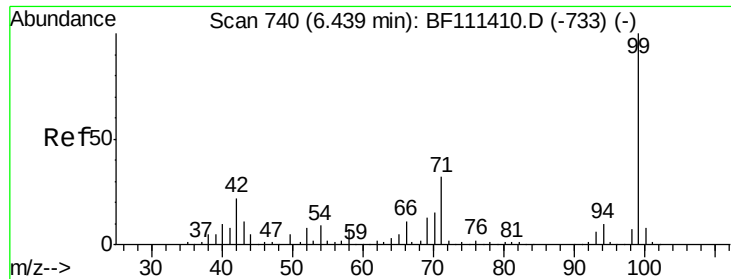
Abundance

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: 76.528 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111549.D

Acq: 17 Dec 2018 19:59

Instrument :

BNA_F

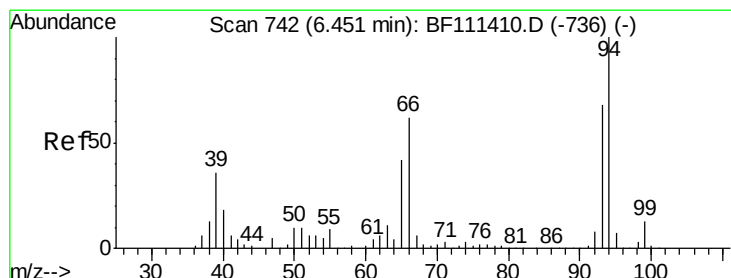
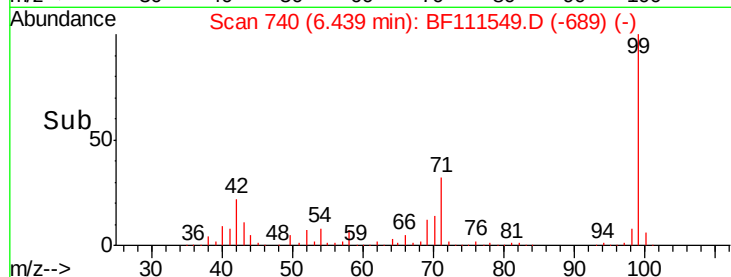
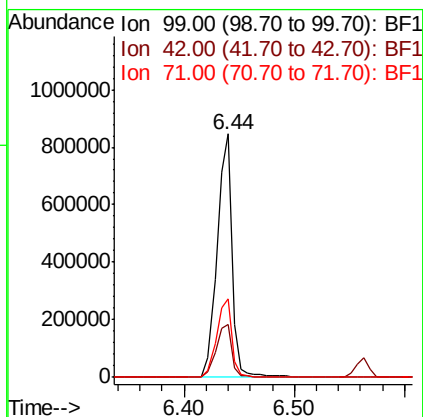
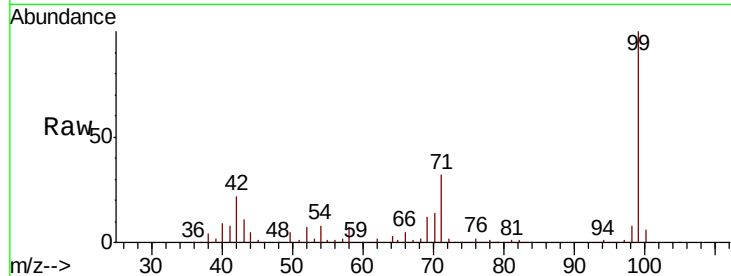
ClientSampled :

TP-1-A

Tot Ion:	99	Resp:	797407
Ion Ratio	Lower	Upper	
99	100		
42	21.6	17.4	26.0
71	32.3	26.1	39.1

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#10

Phenol

Concen: 4.406 ng

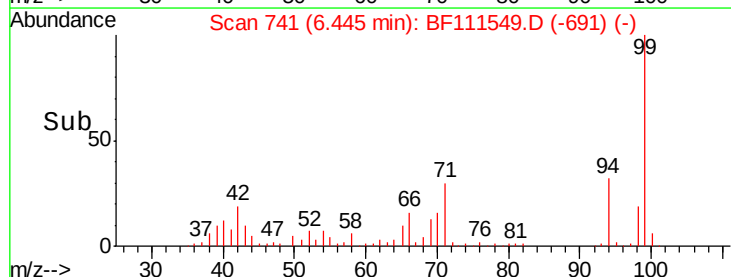
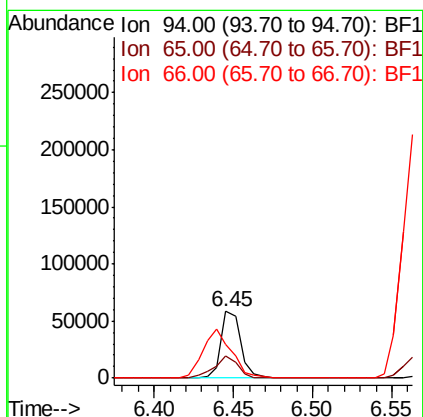
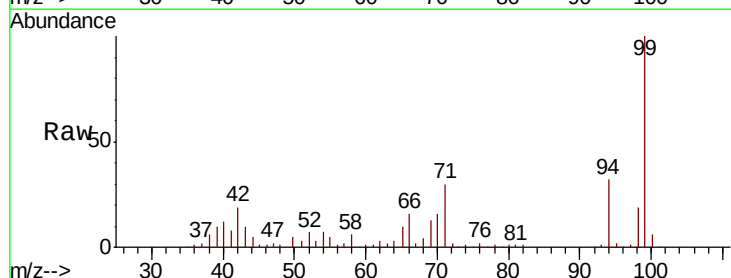
RT: 6.45 min Scan# 741

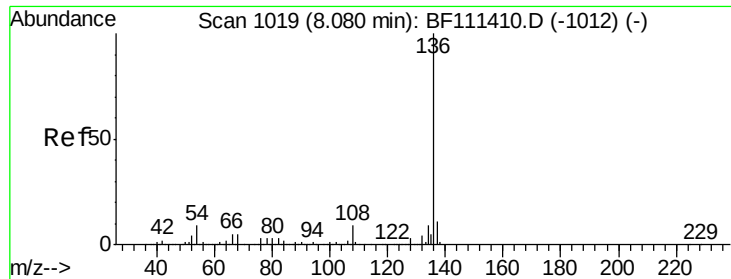
Delta R.T. -0.01 min

Lab File: BF111549.D

Acq: 17 Dec 2018 19:59

Tgt Ion:	94	Resp:	51147
Ion Ratio	Lower	Upper	
94	100		
65	32.5	11.7	51.7
66	50.5	21.0	61.0





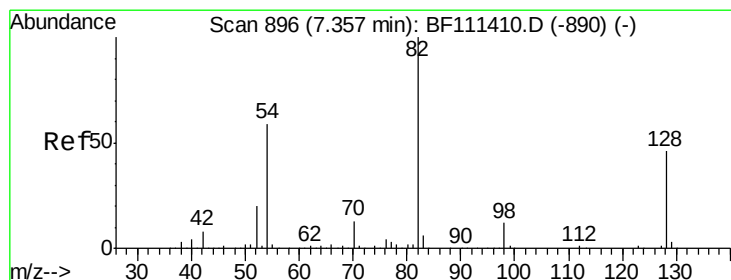
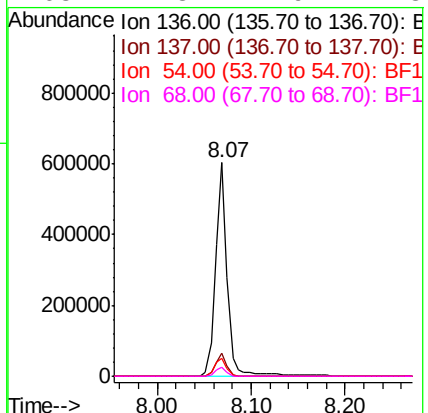
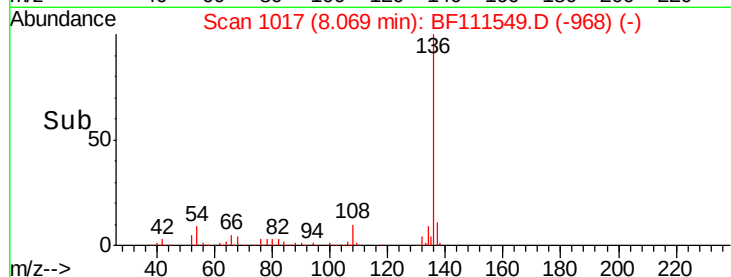
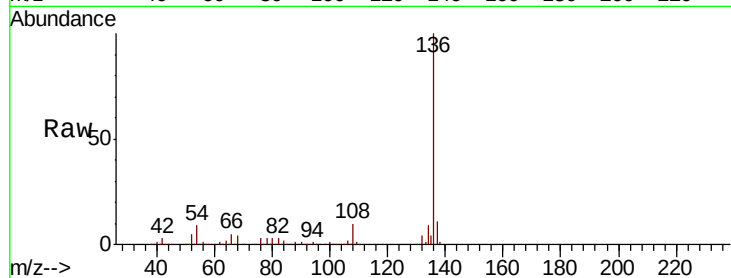
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
TP-1-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	8.6	7.7	11.5	
68	4.3	4.9	7.3#	

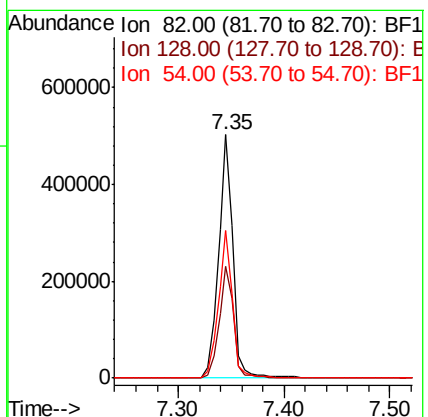
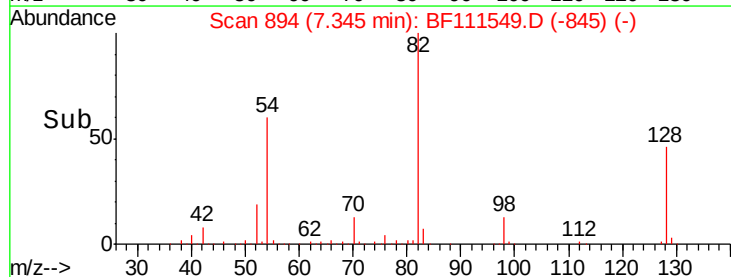
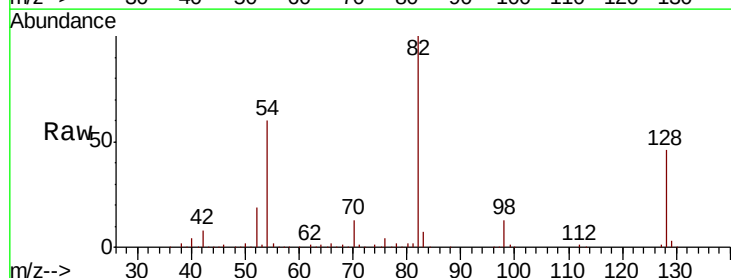
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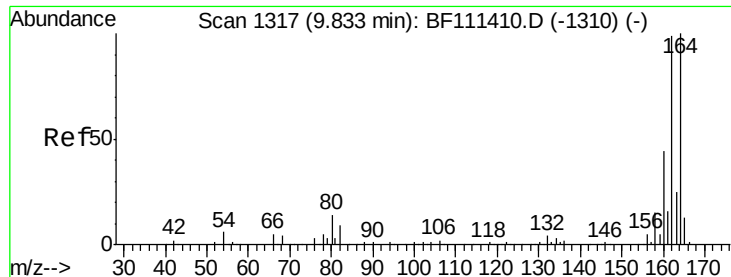
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#23
Nitrobenzene-d5
Concen: 54.586 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.0	37.4	56.2	
54	60.5	47.6	71.4	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF111549.D

Acq: 17 Dec 2018 19:59

Instrument :

BNA_F

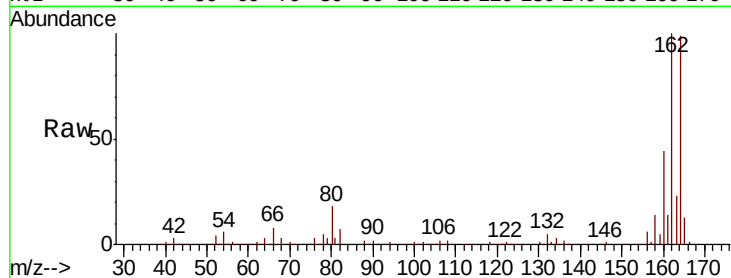
ClientSampled :

TP-1-A

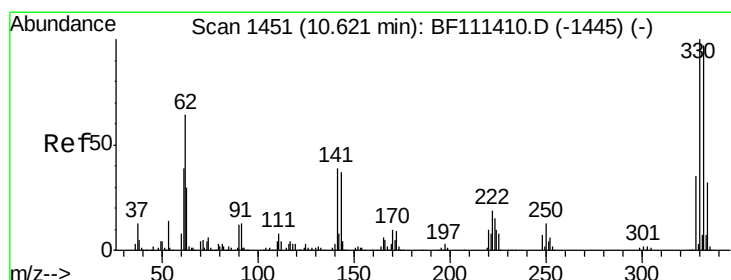
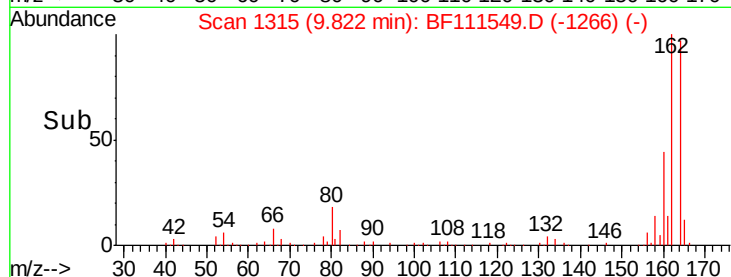
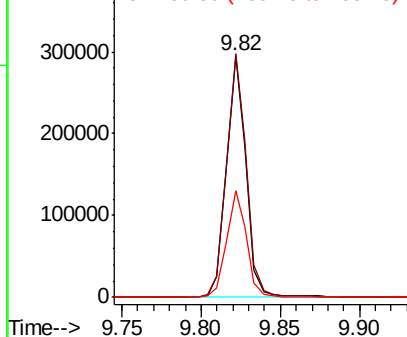
Tot Ion:	164	Resp:	250442
Ion Ratio	Lower	Upper	
164	100		
162	100.8	81.4	122.0
160	44.2	35.7	53.5

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: 64.680 ng

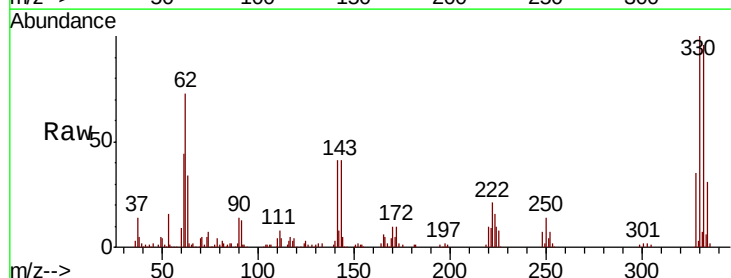
RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

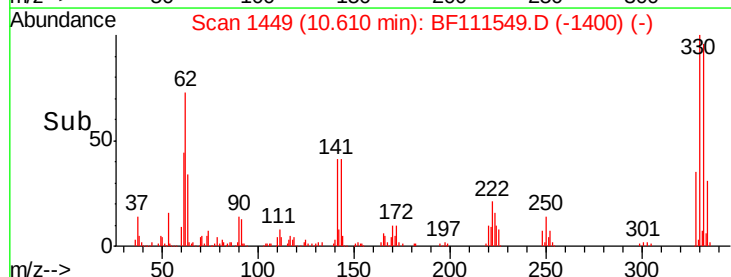
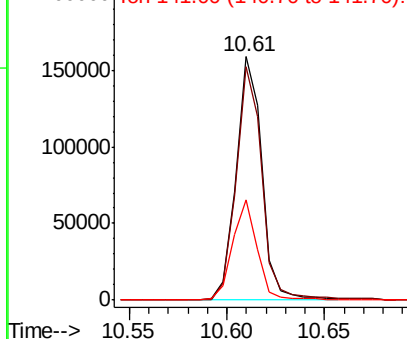
Lab File: BF111549.D

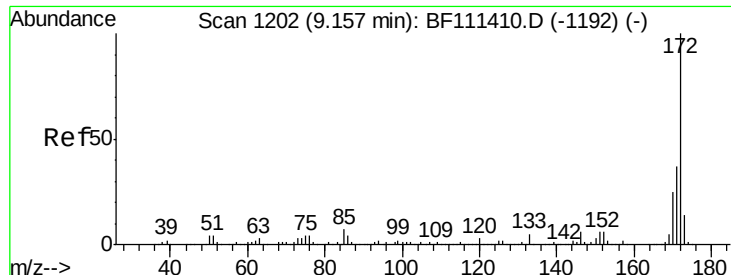
Acq: 17 Dec 2018 19:59

Tgt Ion:	330	Resp:	145105
Ion Ratio	Lower	Upper	
330	100		
332	97.5	76.0	114.0
141	40.0	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





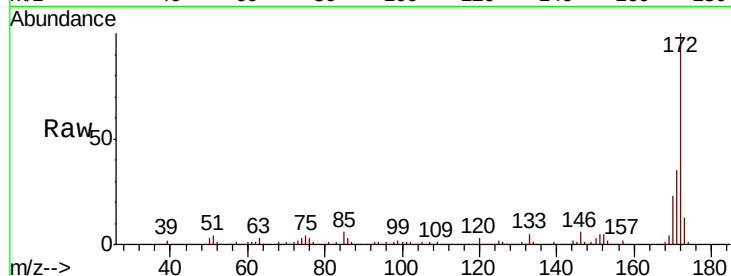
#45
2-Fluorobiphenyl
Concen: 51.409 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampled :
TP-1-A

Tot Ion	Ratio	Resp	Lower	Upper
172	100	833526		
171	35.1		33.0	49.4
170	23.4		22.3	33.5

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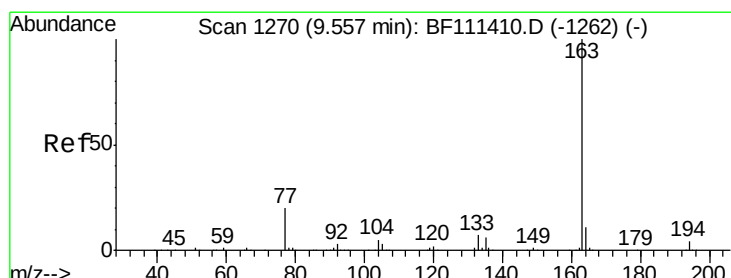
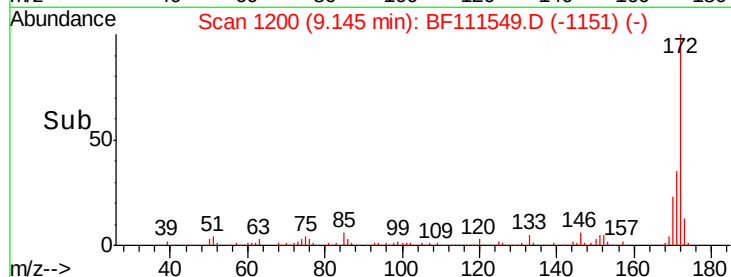
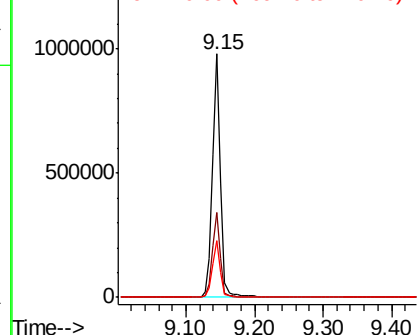


Abundance

Ion 172.00 (171.70 to 172.70): E

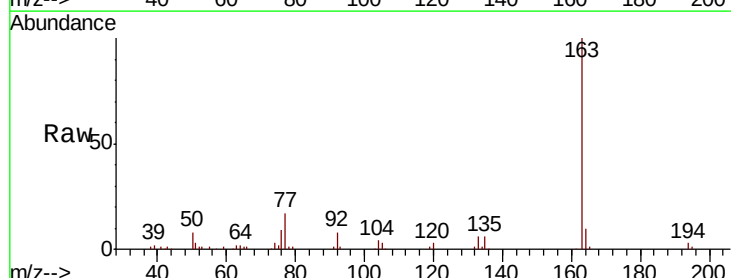
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 4.615 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	83244		
194	3.4		3.0	4.6
164	9.8		8.9	13.3

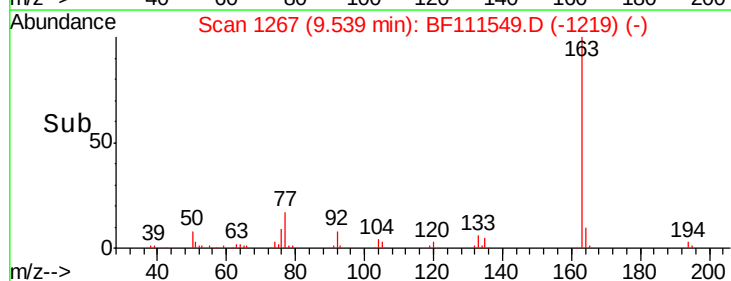
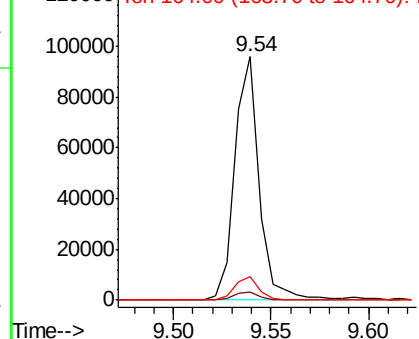


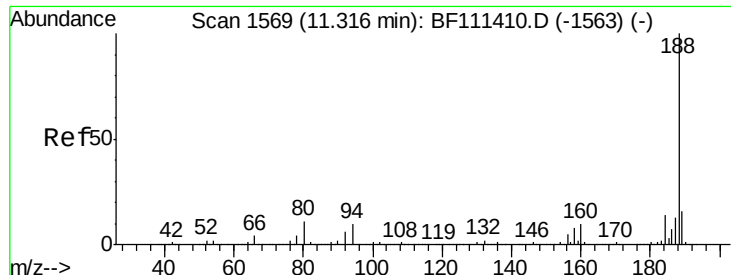
Abundance

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





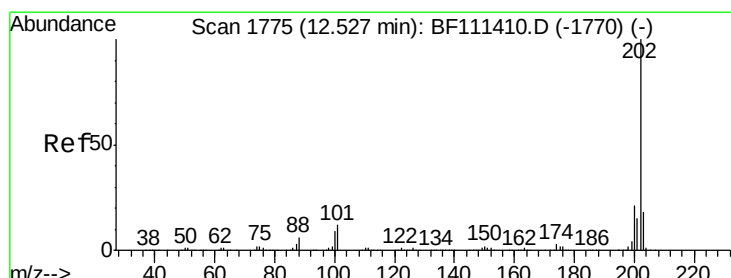
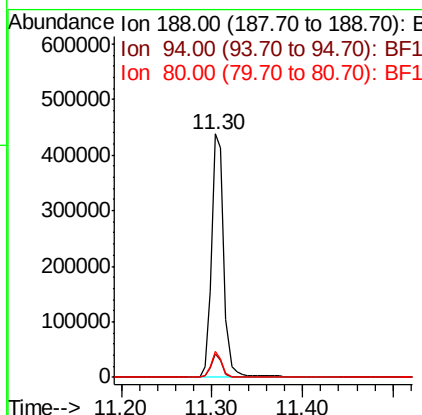
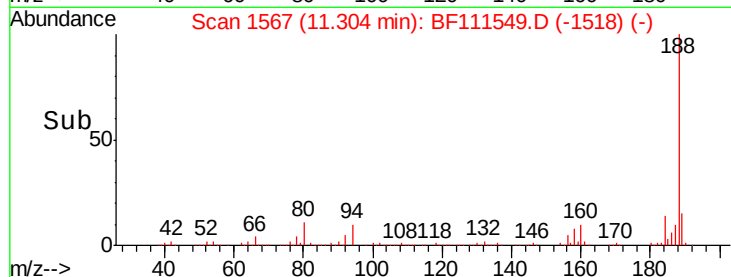
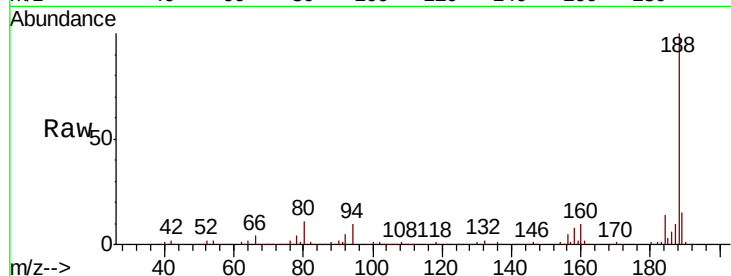
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampled :
TP-1-A

Tot Ion:	188	Resp:	422080
Ion Ratio	Lower	Upper	
188	100		
94	9.7	9.6	14.4
80	10.7	9.8	14.6

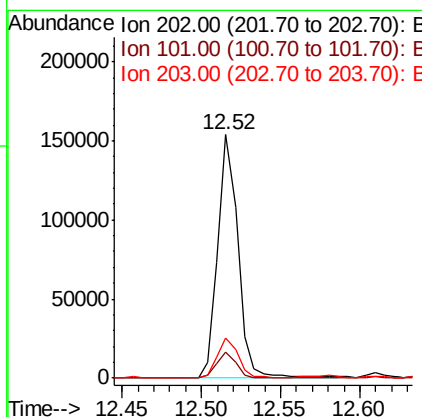
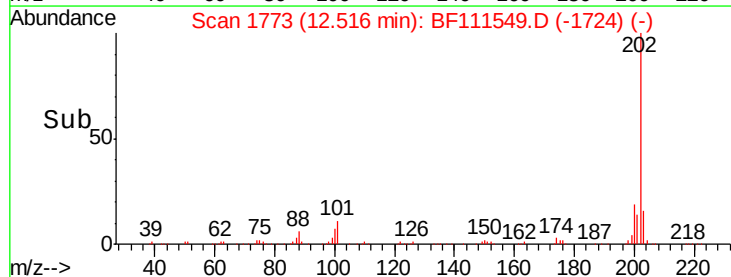
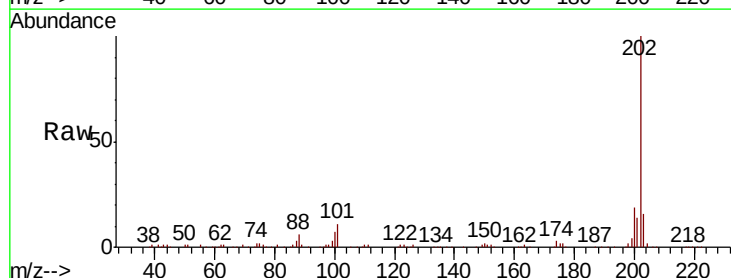
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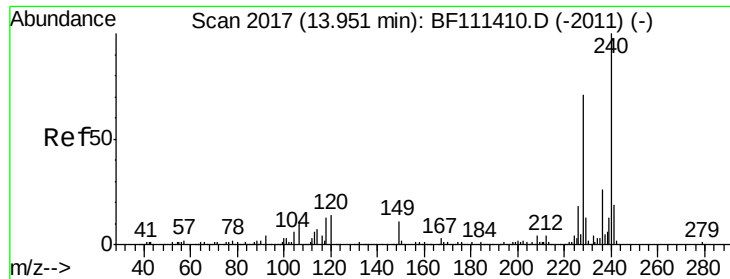
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#75
Fluoranthene
Concen: 6.460 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion:	202	Resp:	137439
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	33.8
203	16.5	0.0	38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111549.D

Acq: 17 Dec 2018 19:59

Instrument :

BNA_F

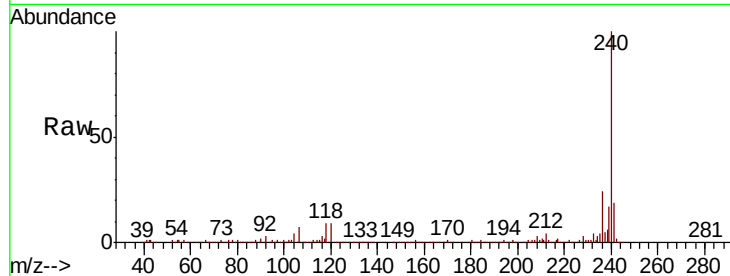
ClientSampleId :

TP-1-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	12.2	18.2#
236	24.3	20.2	30.2

Manual Integrations
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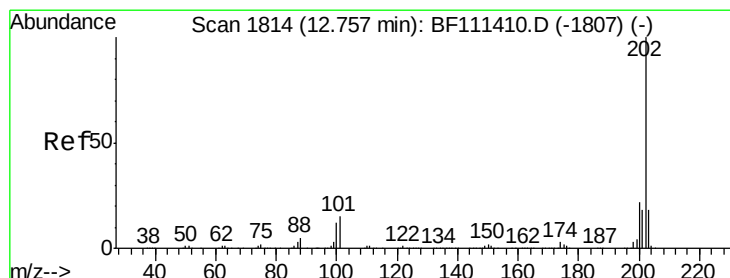
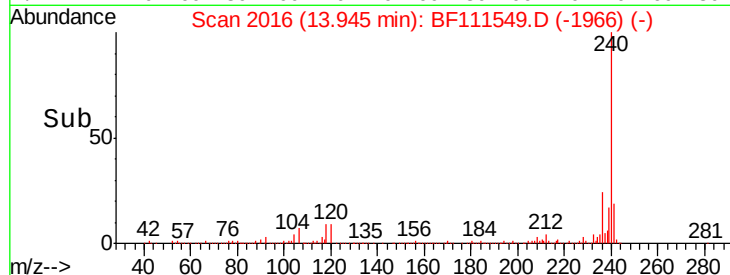
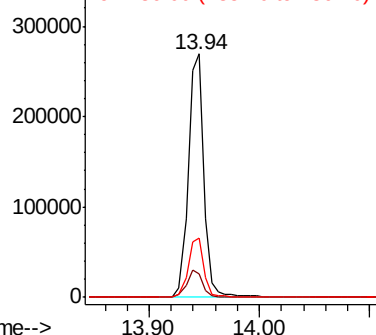


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 6.457 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF111549.D

Acq: 17 Dec 2018 19:59

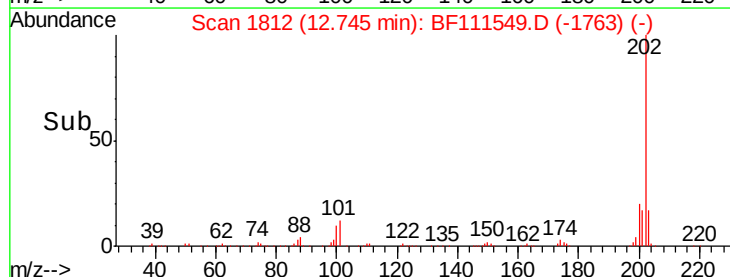
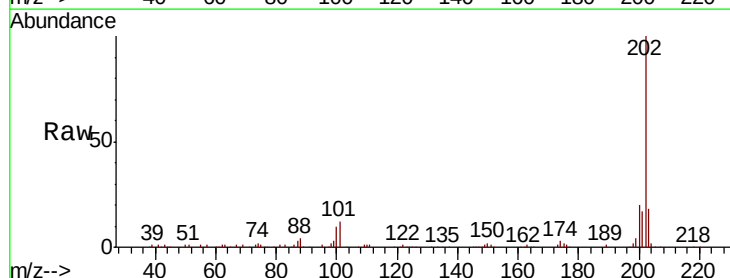
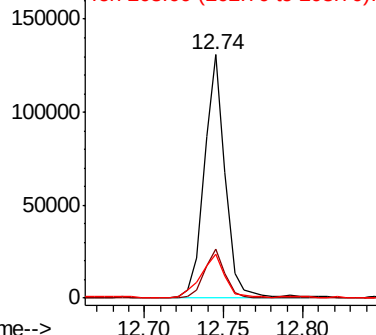
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	19.0	28.4
203	17.8	15.2	22.8

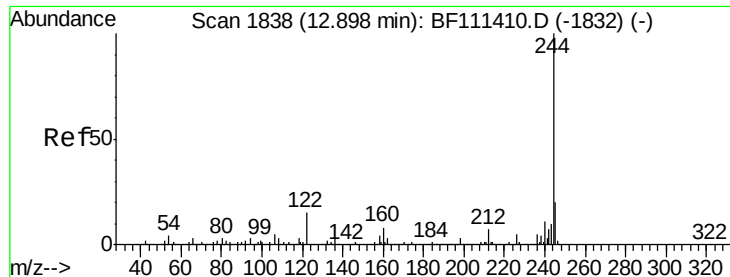
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





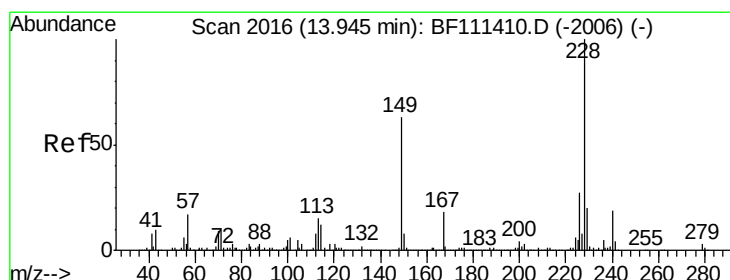
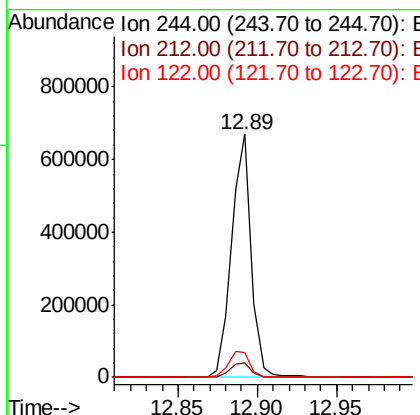
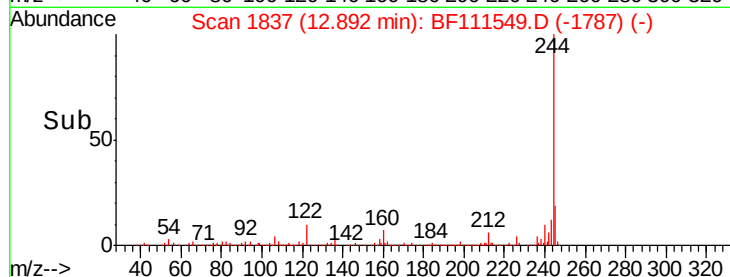
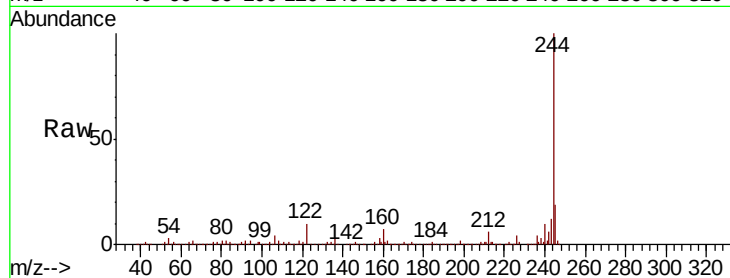
#79
 Terphenyl-d14
 Concen: 51.477 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF111549.D
 Acq: 17 Dec 2018 19:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.7	8.5
122	10.0	13.1	19.7

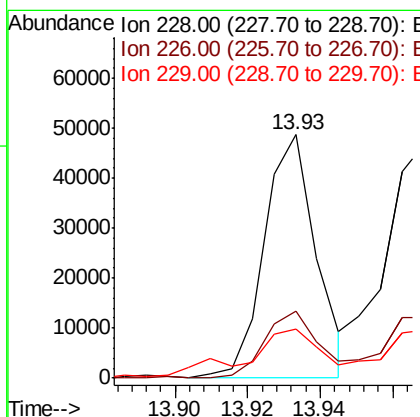
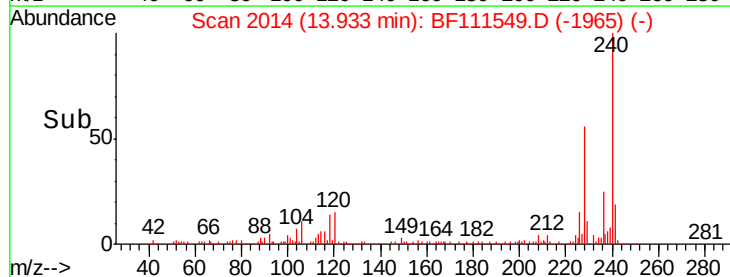
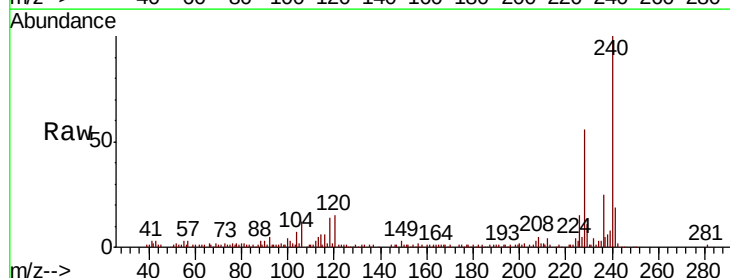
Manual Integrations
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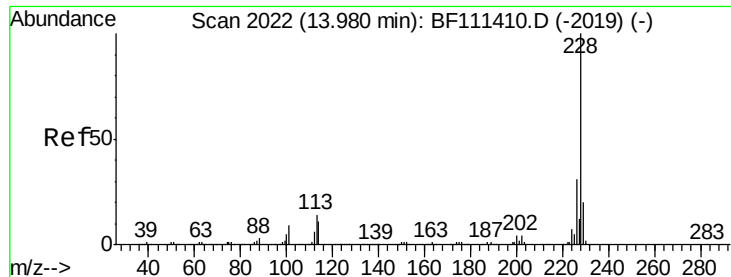
Sohil
 12/20/2018 2:56:29 PM



#81
 Benzo(a)anthracene
 Concen: 3.380 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF111549.D
 Acq: 17 Dec 2018 19:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	34.0
229	20.0	16.3	24.5





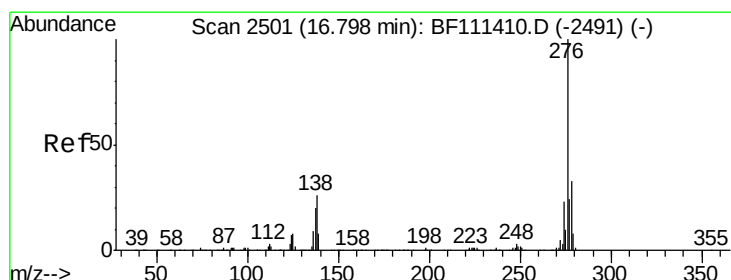
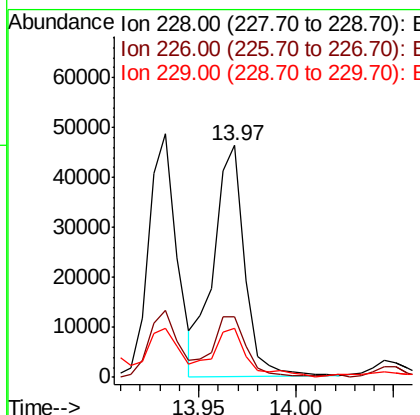
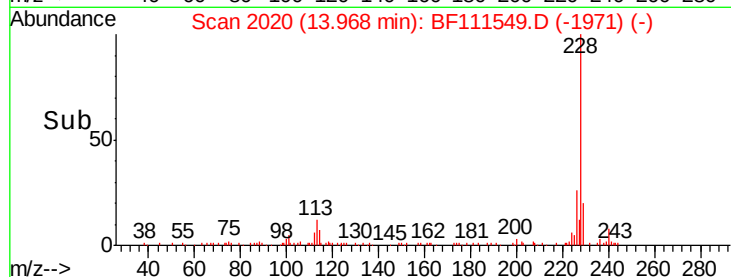
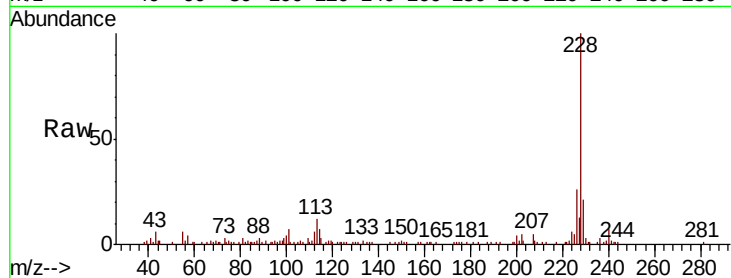
#83
Chrysene
Concen: 3.419 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampled :
TP-1-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.3	25.3	37.9
229	21.2	17.2	25.8

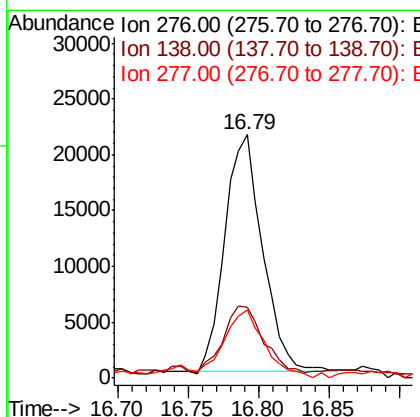
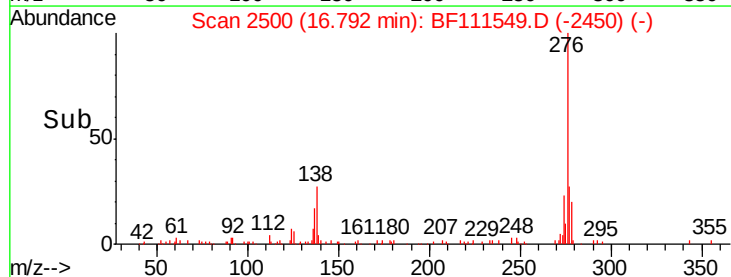
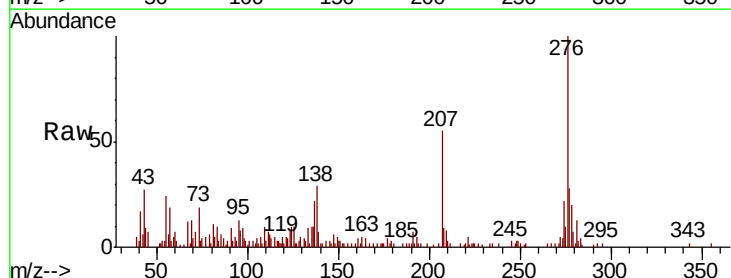
Manual Integrations
APPROVED

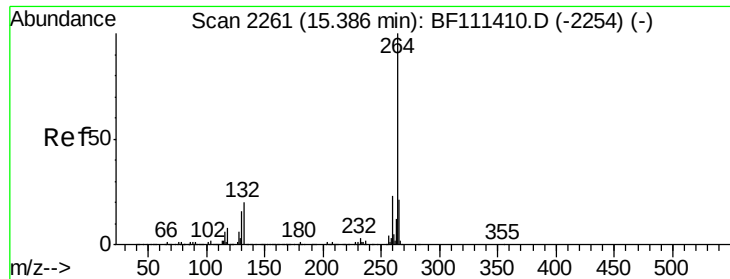
Sohil
12/20/2018 2:56:29 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 3.601 ng
RT: 16.79 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.1	27.8	41.6
277	31.4	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111549.D

Acq: 17 Dec 2018 19:59

Instrument :

BNA_F

ClientSampleId :

TP-1-A

Tot Ion:264 Resp: 421496

Ion Ratio Lower Upper

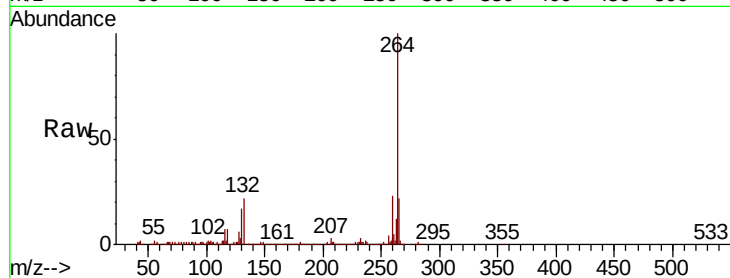
264 100

260 23.2 18.3 27.5

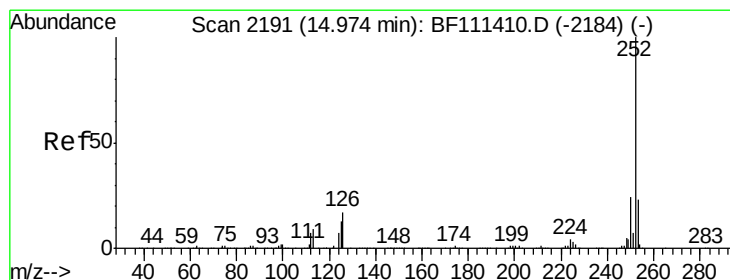
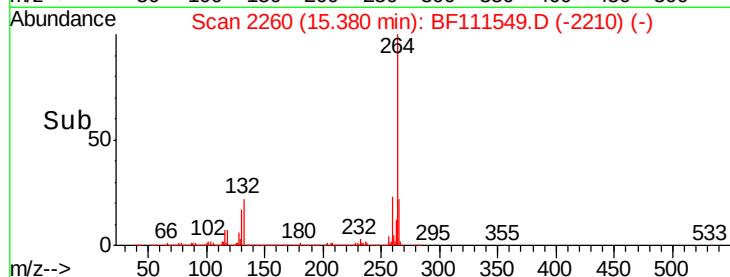
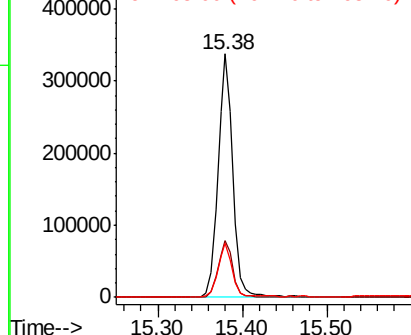
265 22.1 17.7 26.5

Manual Integrations
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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: 2.728 ng m

RT: 14.96 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BF111549.D

Acq: 17 Dec 2018 19:59

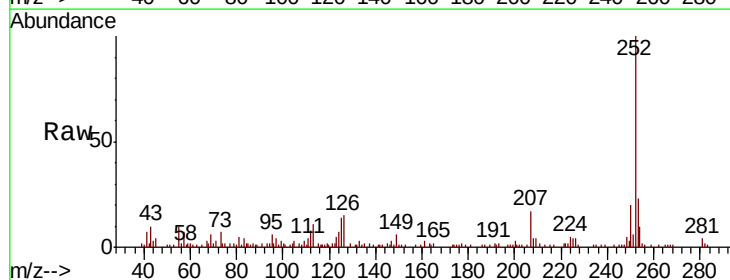
Tgt Ion:252 Resp: 67035

Ion Ratio Lower Upper

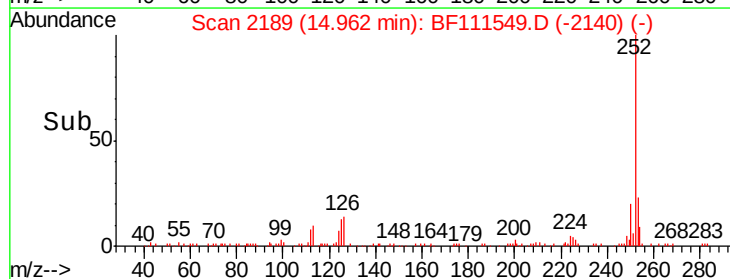
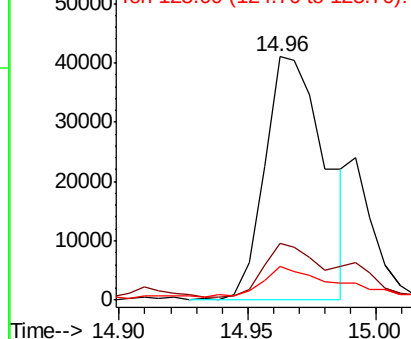
252 100

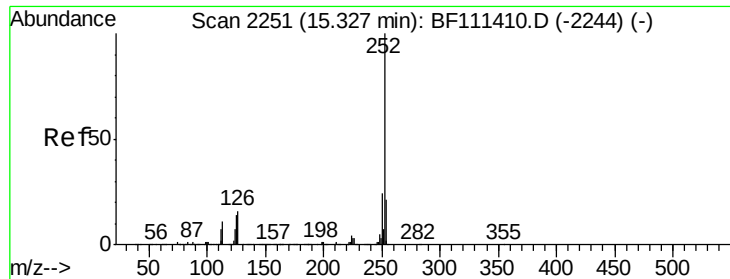
253 23.5 18.2 27.2

125 13.7 10.4 15.6



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





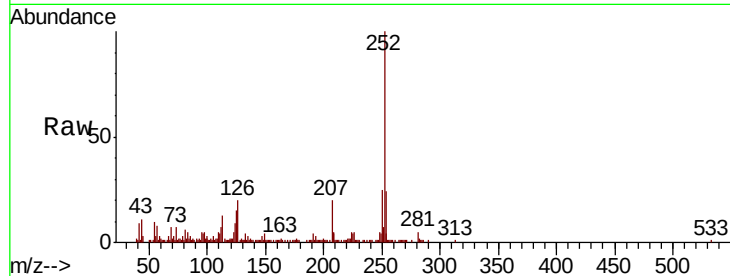
#90
Benzo(a)pyrene
Concen: 3.221 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
TP-1-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	14.8	12.3	18.5

Manual Integrations
APPROVED

Sohil
12/20/2018 2:56:29 PM

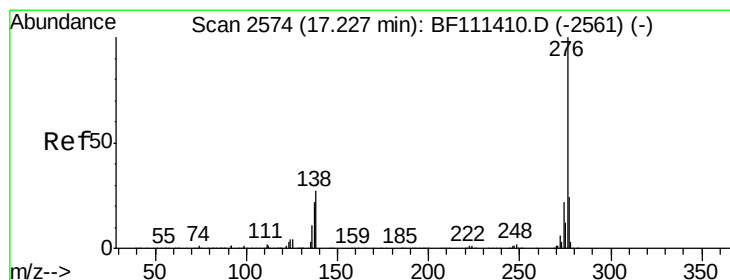
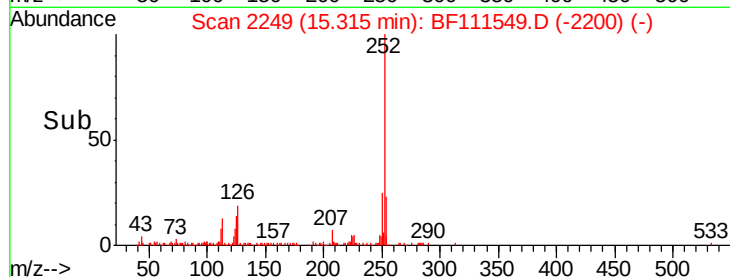
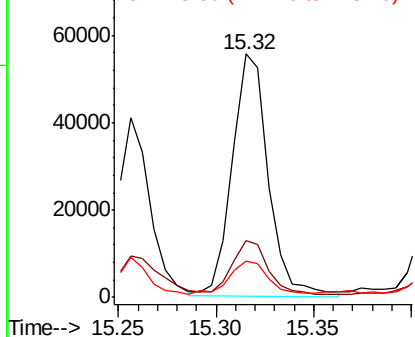


Abundance

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



#92
Benzo(g,h,i)perylene
Concen: 2.261 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	29.0	24.9	37.3

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

