

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111335.D
 Acq On : 12 Dec 2018 21:33
 Operator : JU/SJ
 Sample : J6331-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Manual Integrations
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 12/13/2018 6:06:43 PM

Quant Time: Dec 13 04:10:27 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	253369	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	920583	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	356610	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	551722	20.00	ng	0.00
76) Chrysene-d12	13.95	240	425921	20.00	ng	0.00
87) Perylene-d12	15.39	264	336940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1595603	106.49	ng	0.00
7) Phenol-d6	6.43	99	2001084	99.06	ng	0.00
23) Nitrobenzene-d5	7.35	82	1162762	71.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	290474	92.40	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1843162	82.98	ng	0.00
79) Terphenyl-d14	12.90	244	1442134	74.52	ng	0.00
Target Compounds						
10) Phenol	6.44	94	137193	5.995	ng	93
50) Dimethylphthalate	9.55	163	315869	12.317	ng	97
71) Phenanthrene	11.33	178	297816	10.443	ng	93
75) Fluoranthene	12.52	202	448519	16.111	ng	98
78) Pyrene	12.75	202	382831	11.646	ng	94
81) Benzo(a)anthracene	13.94	228	138734	5.822	ng	99
83) Chrysene	13.97	228	166856	6.863	ng	96
86) Indeno(1,2,3-cd)pyrene	16.79	276	74076	3.895	ng	# 90
88) Benzo(b)fluoranthene	14.97	252	170942m	8.922	ng	
89) Benzo(k)fluoranthene	15.00	252	67793m	3.545	ng	
90) Benzo(a)pyrene	15.32	252	108978	6.109	ng	97
92) Benzo(a,h,i)perylene	17.22	276	66579	4.487	ng	96

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

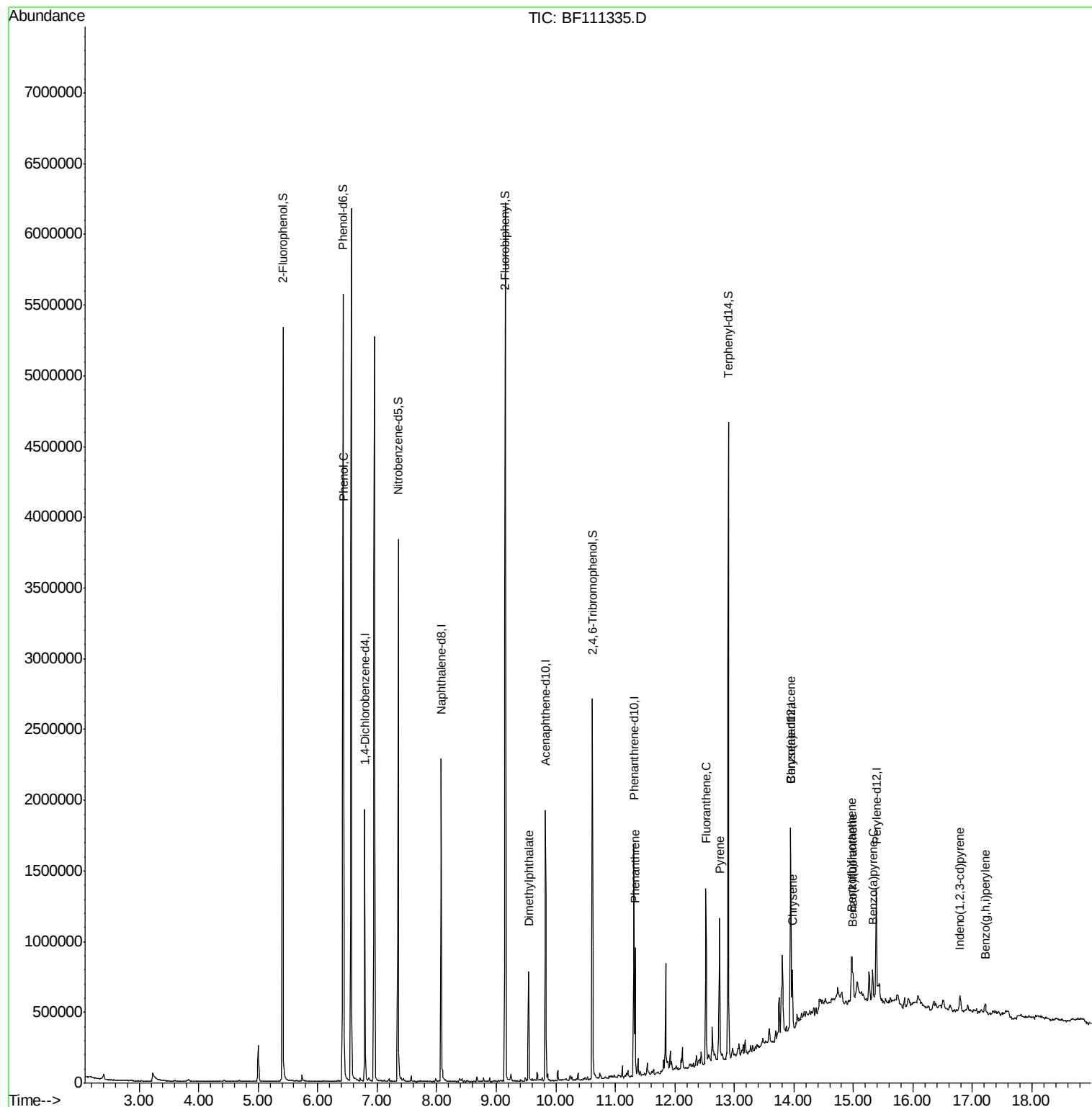
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111335.D
Acq On : 12 Dec 2018 21:33
Operator : JU/SJ
Sample : J6331-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

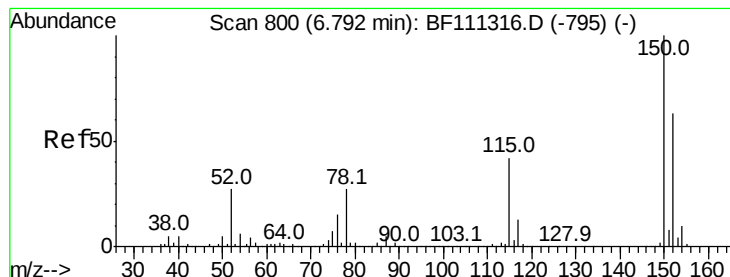
Instrument :
BNA_F
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TP-1

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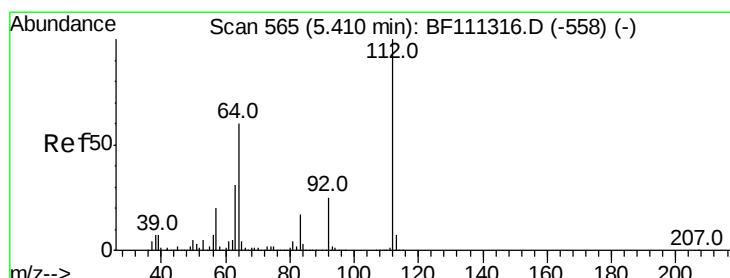
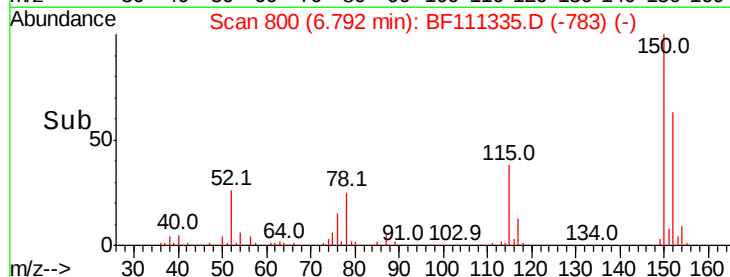
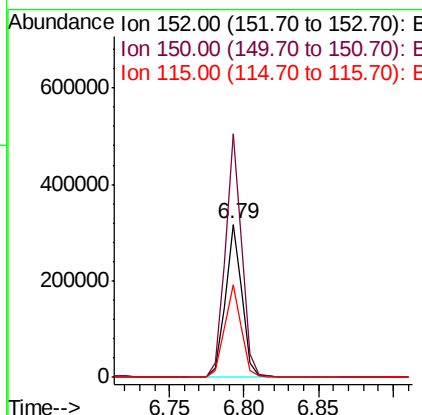
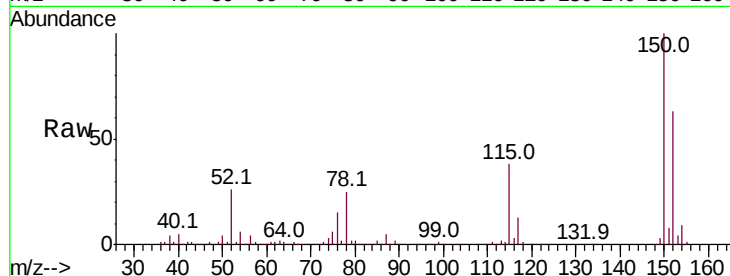
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF111335.D
 Acq: 12 Dec 2018 21:33

Instrument :
 BNA_F
 ClientSampled :
 TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.6	189.8
115	60.5	50.7	76.1

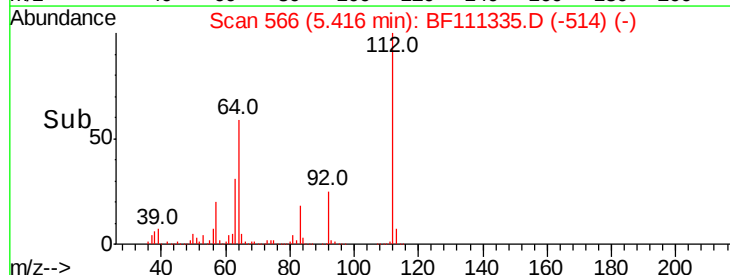
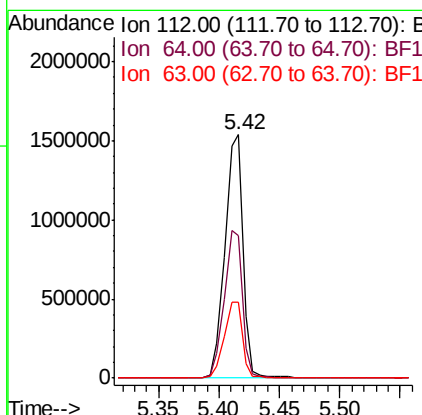
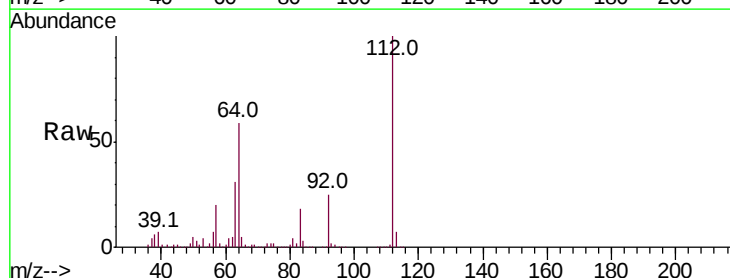
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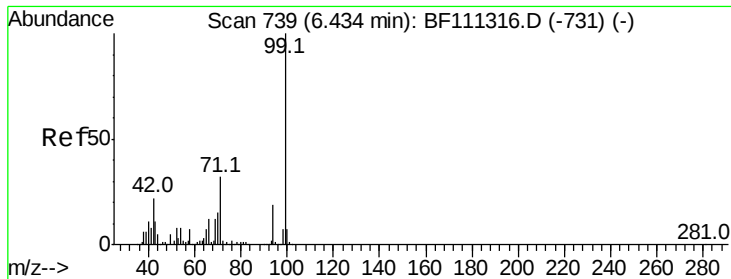
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#5
 2-Fluorophenol
 Concen: 106.493 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF111335.D
 Acq: 12 Dec 2018 21:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	51.8	77.6
63	31.3	26.8	40.2





#7

Phenol-d6

Concen: 99.057 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Instrument :

BNA_F

ClientSampled :

TP-1

Tot Ion: 99 Resp: 2001084

Ion Ratio Lower Upper

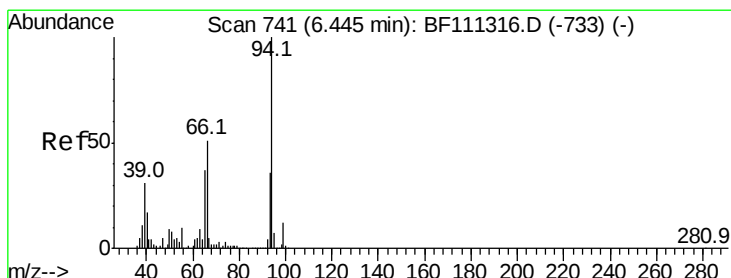
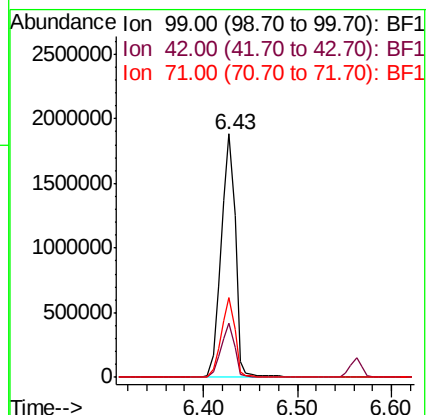
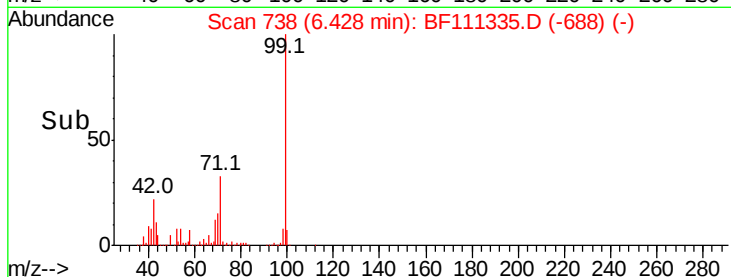
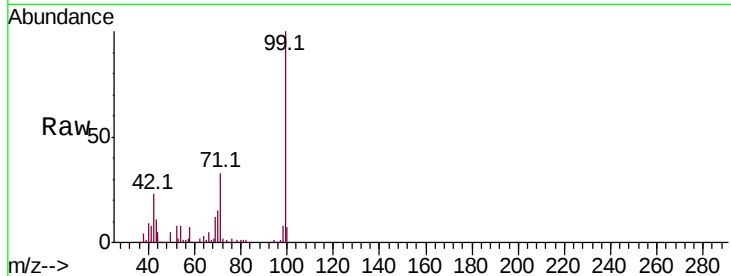
99 100

42 22.5 17.4 26.0

71 32.5 26.1 39.1

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#10

Phenol

Concen: 5.995 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

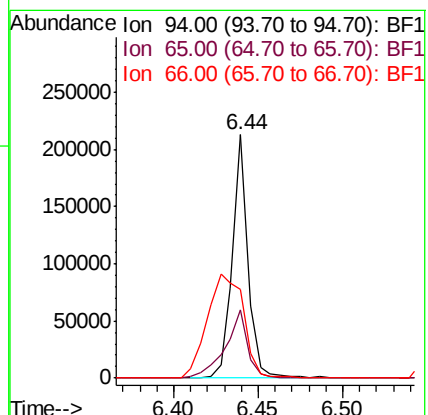
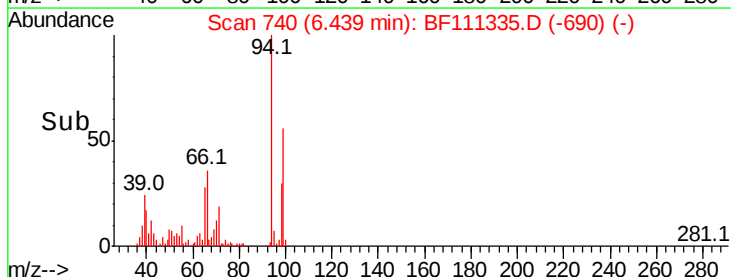
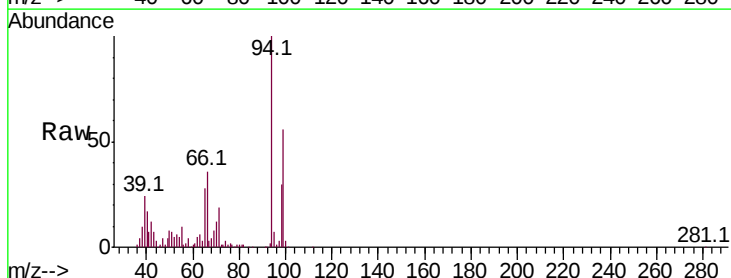
Tgt Ion: 94 Resp: 137193

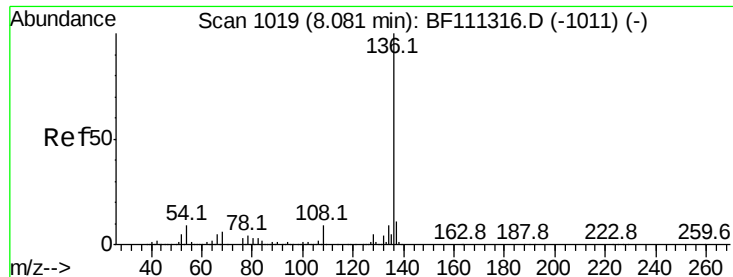
Ion Ratio Lower Upper

94 100

65 27.8 11.7 51.7

66 36.4 21.0 61.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Instrument :

BNA_F

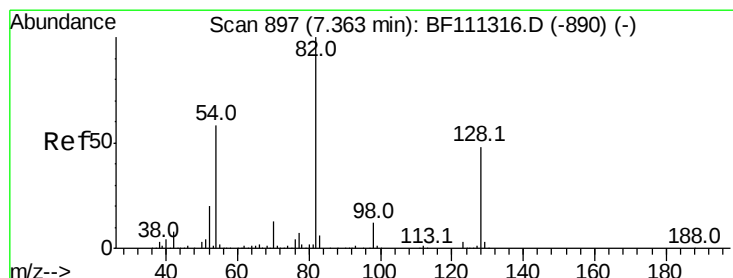
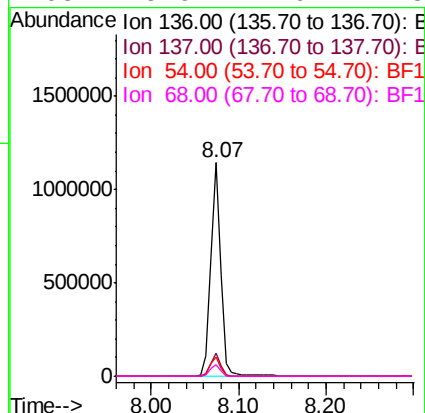
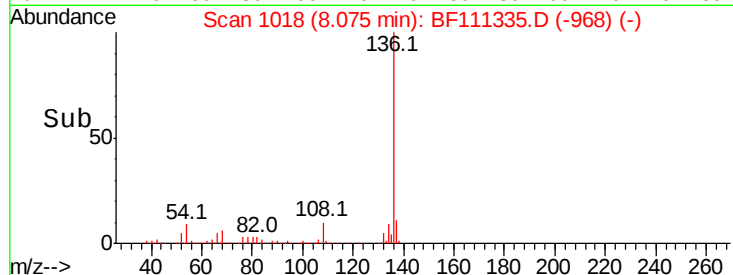
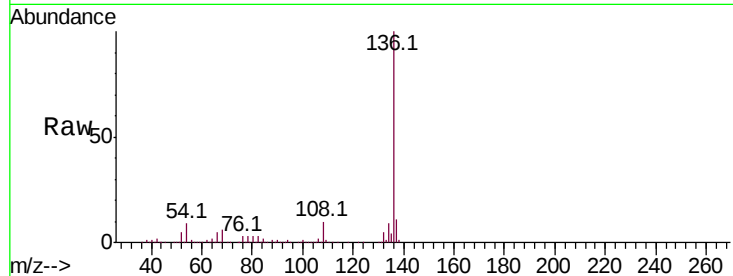
ClientSampled :

TP-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		920583		
137	10.7		9.1	13.7	
54	8.9		7.7	11.5	
68	5.6		4.9	7.3	

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#23

Nitrobenzene-d5

Concen: 71.191 ng

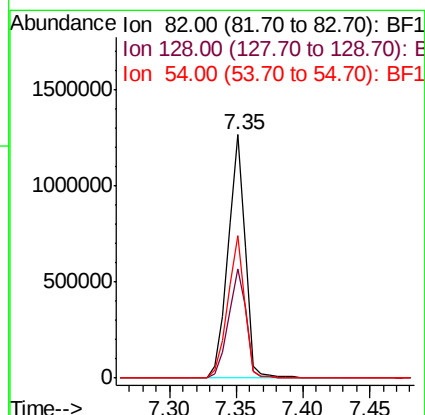
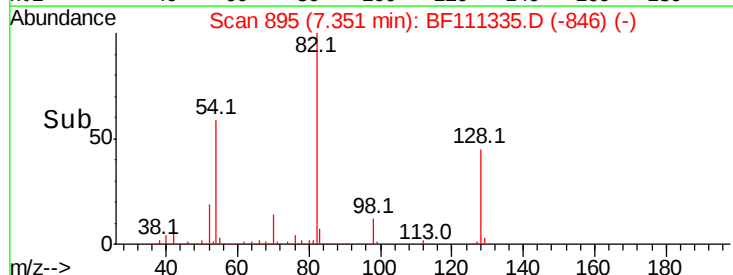
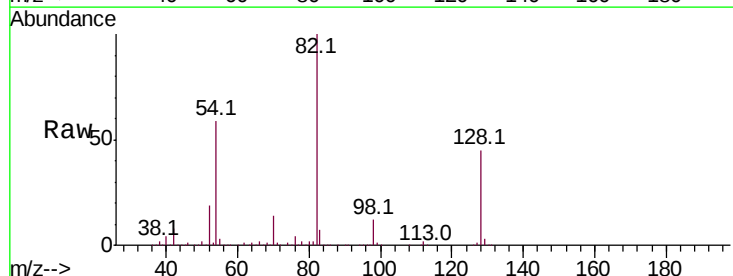
RT: 7.35 min Scan# 895

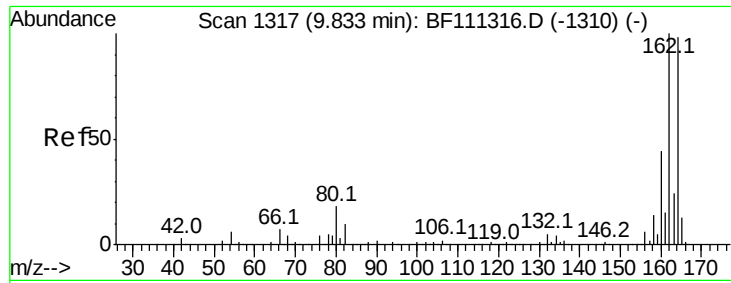
Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1162762		
128	44.8		37.4	56.2	
54	58.7		47.6	71.4	





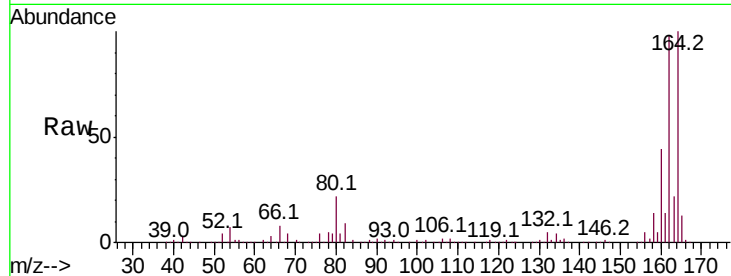
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Instrument :
BNA_F
ClientSampled :
TP-1

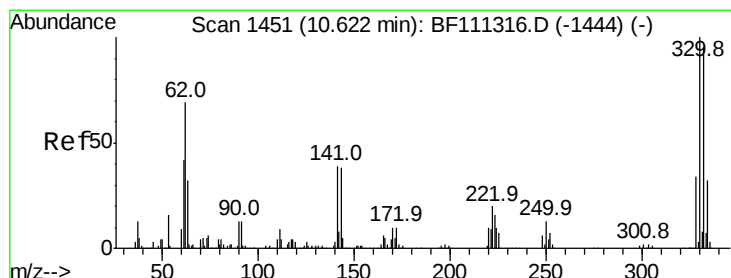
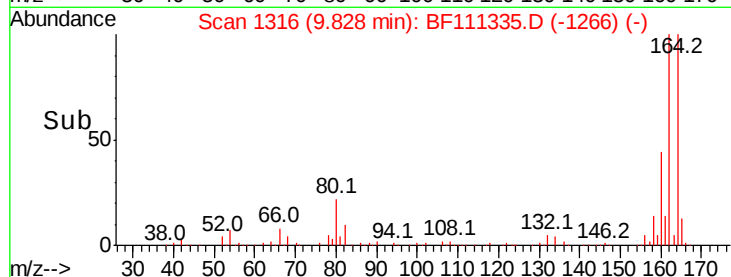
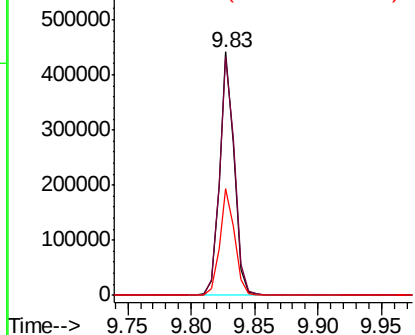
Tot Ion	Ratio	Resp	Lower	Upper
164	100	356610		
162	98.2	81.4	122.0	
160	43.6	35.7	53.5	

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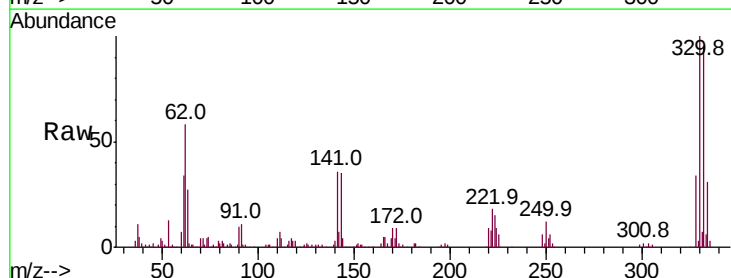


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

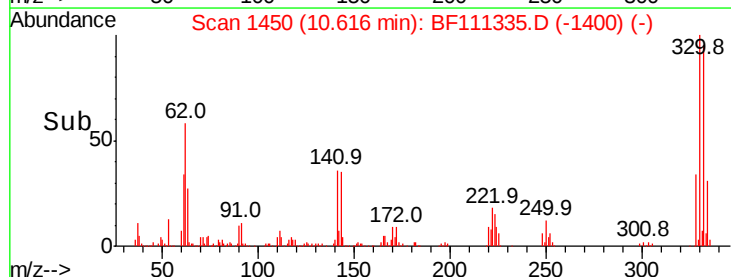
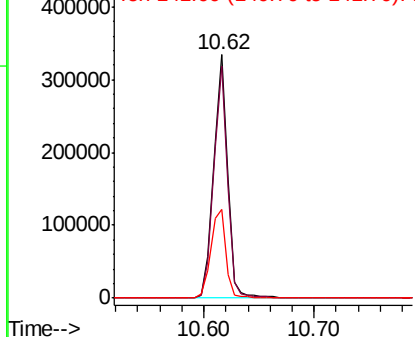


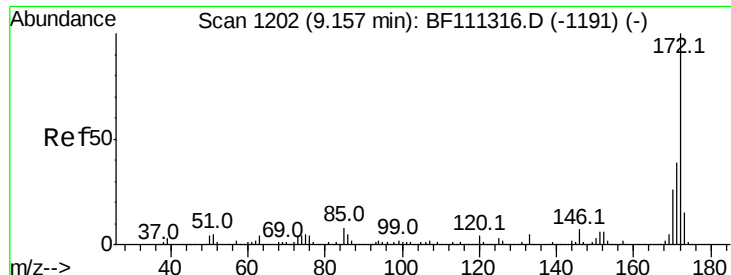
#42
2,4,6-Tribromophenol
Concen: 92.403 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	290474		
332	94.5	76.0	114.0	
141	38.9	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





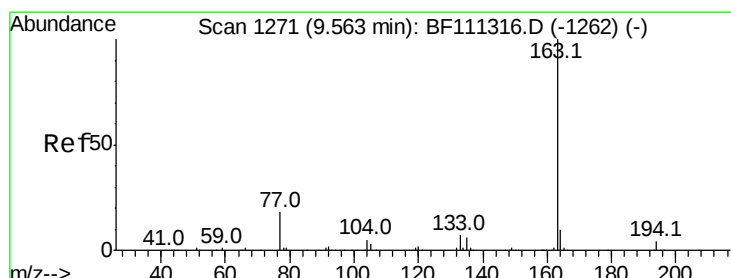
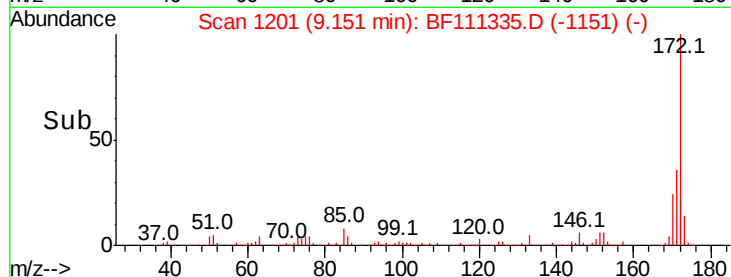
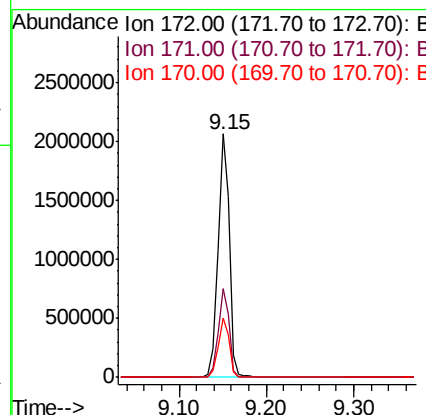
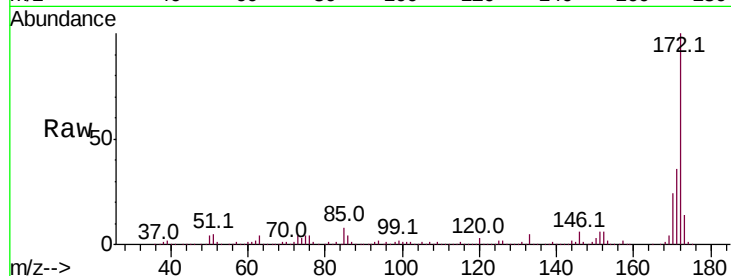
#45
2-Fluorobiphenyl
Concen: 82.981 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	33.0	49.4
170	24.1	22.3	33.5

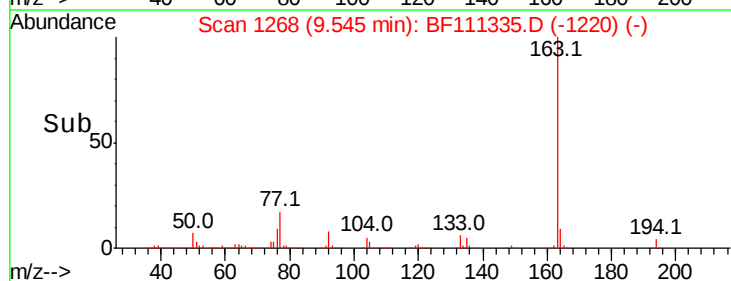
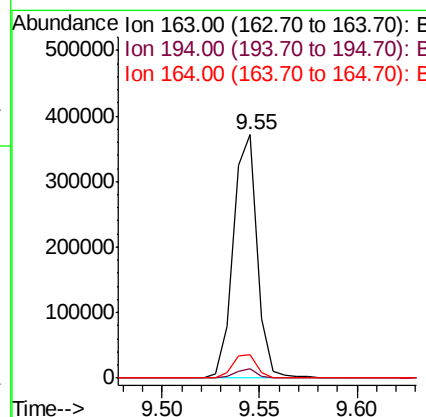
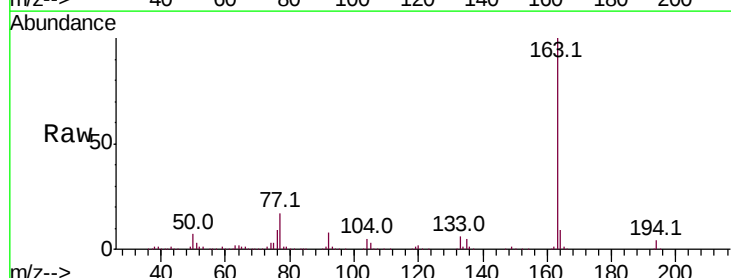
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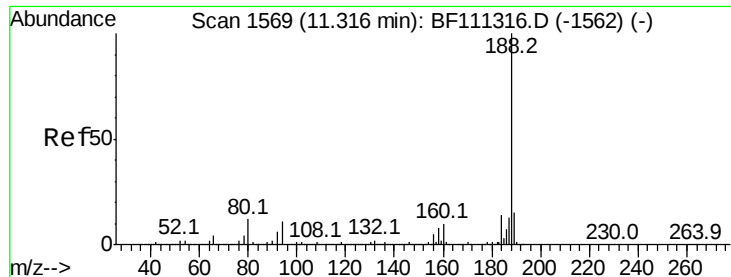
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#50
Dimethylphthalate
Concen: 12.317 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.5	8.9	13.3





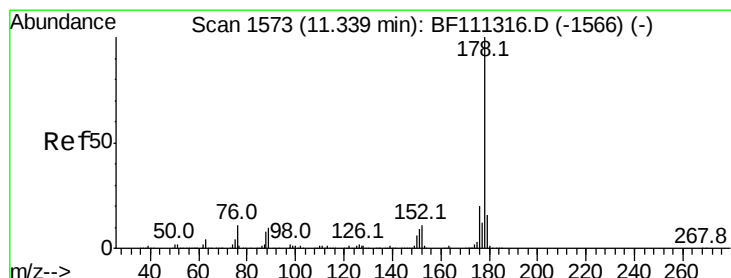
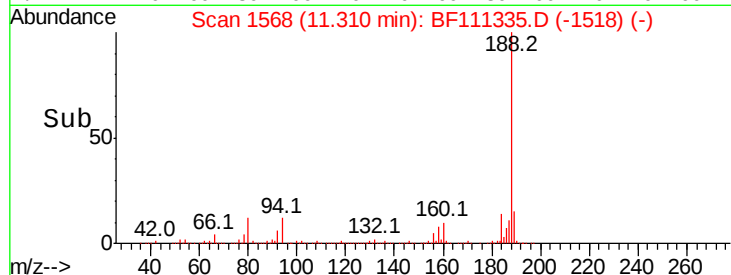
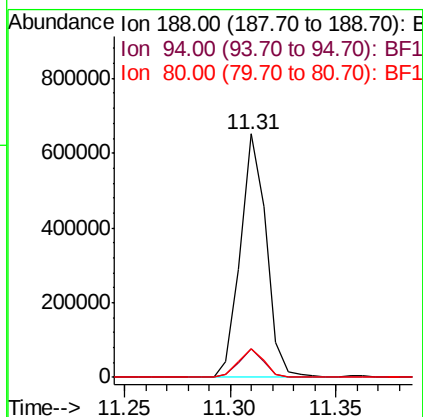
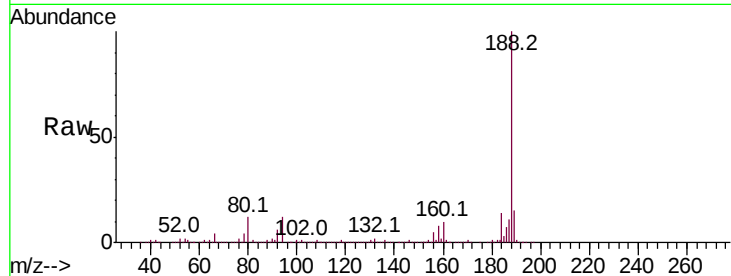
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.6	9.6	14.4
80	11.6	9.8	14.6

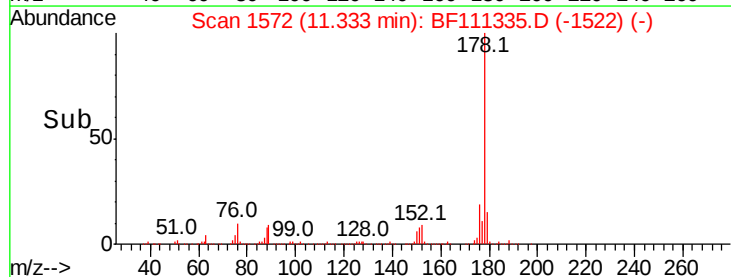
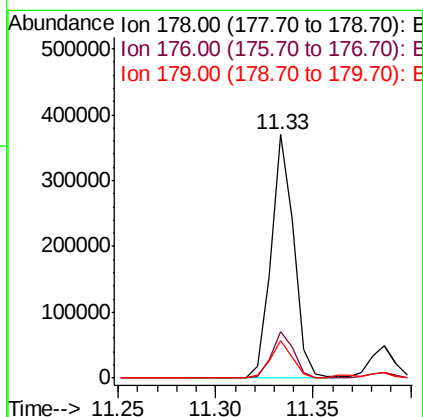
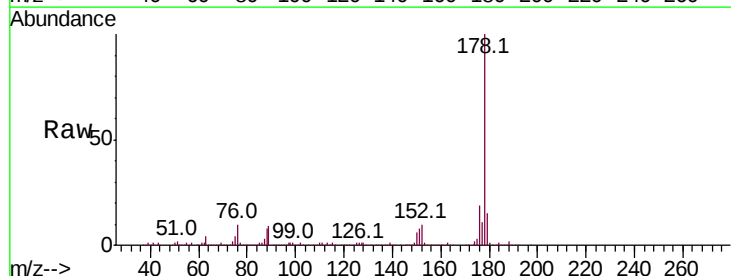
Manual Integrations
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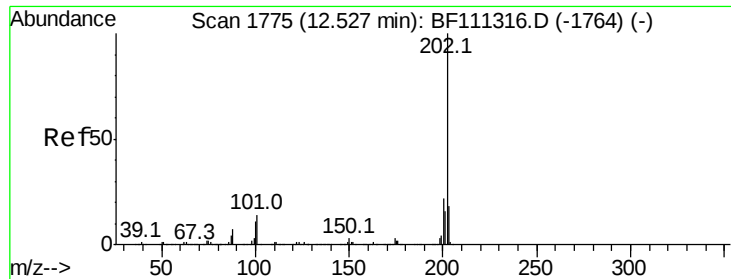
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#71
Phenanthrene
Concen: 10.443 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.9	18.1	27.1
179	15.3	14.0	21.0





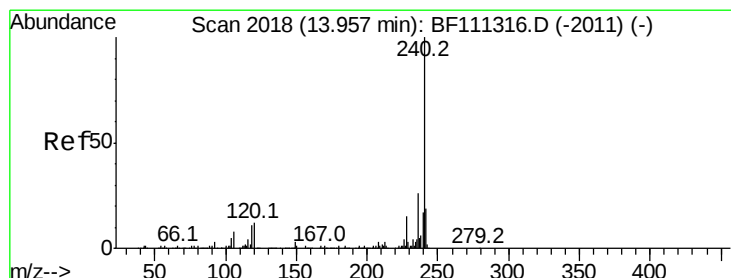
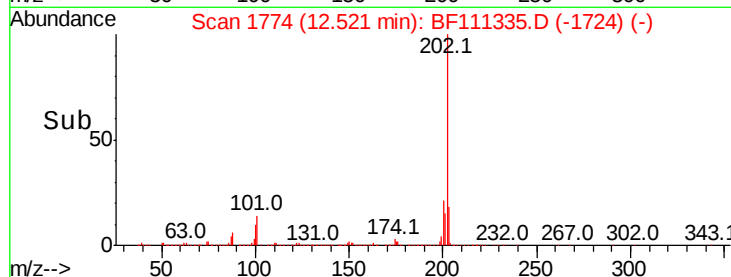
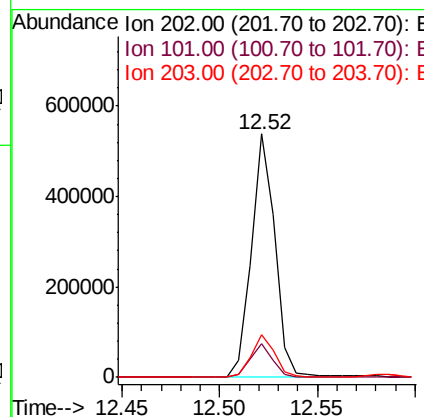
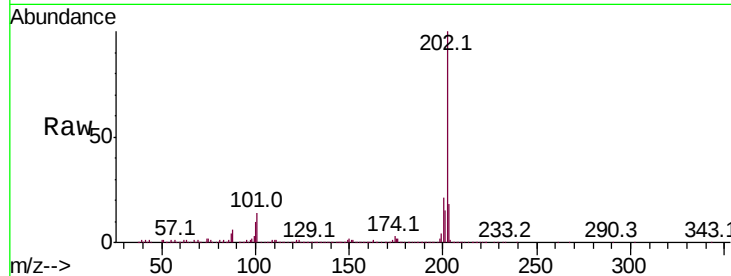
#75
Fluoranthene
Concen: 16.111 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	0.0	33.8
203	17.5	0.0	38.6

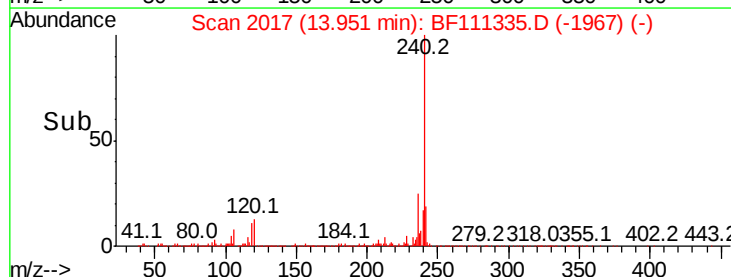
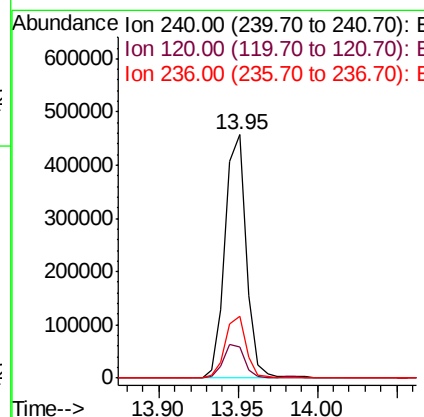
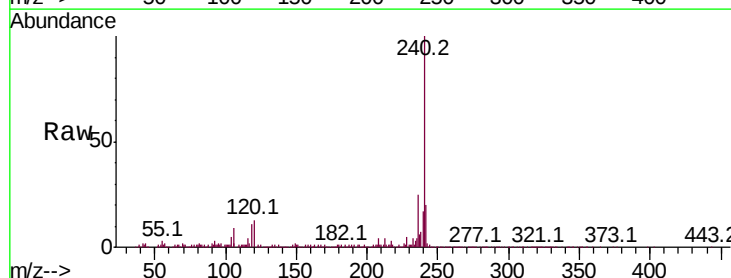
Manual Integrations
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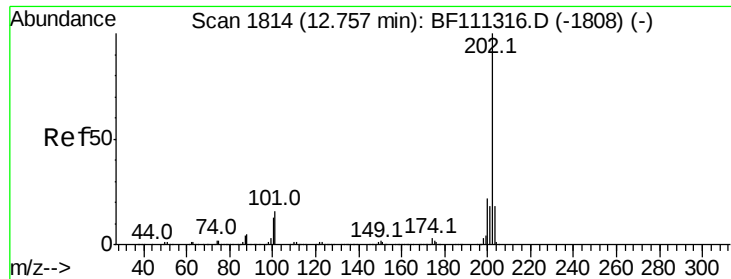
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.7	12.2	18.2
236	25.4	20.2	30.2





#78

Pvrene

Concen: 11.646 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Instrument :

BNA_F

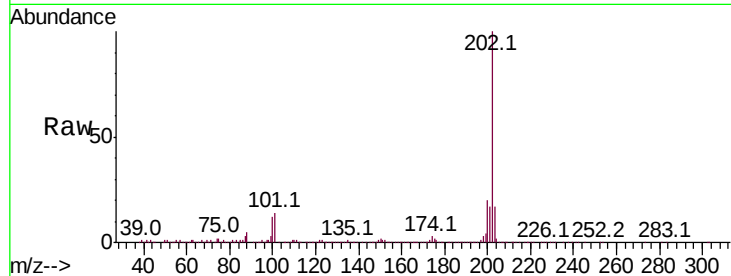
ClientSampled :

TP-1

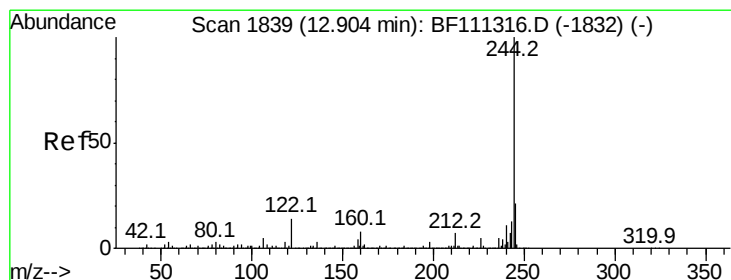
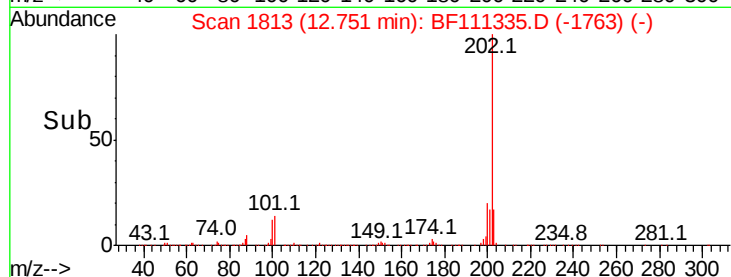
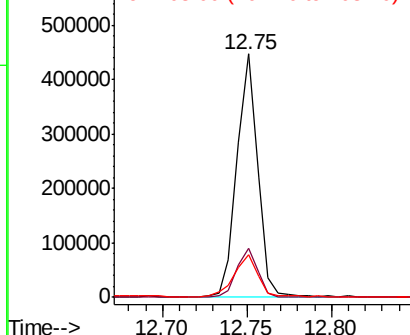
Tot Ion:	202	Resp:	382831
Ion Ratio	Lower	Upper	
202	100		
200	20.2	19.0	28.4
203	17.4	15.2	22.8

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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: 74.522 ng

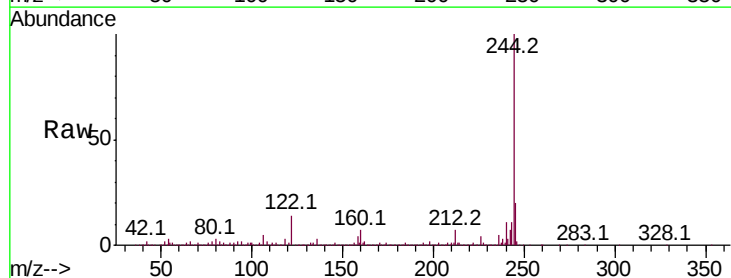
RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

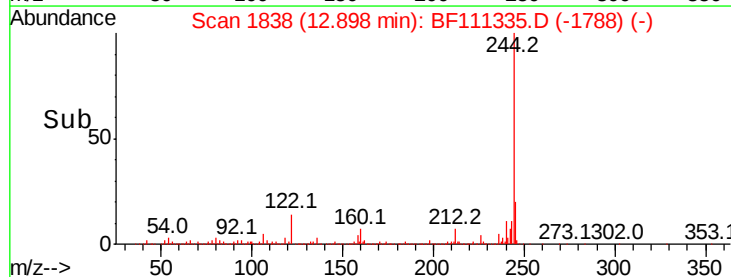
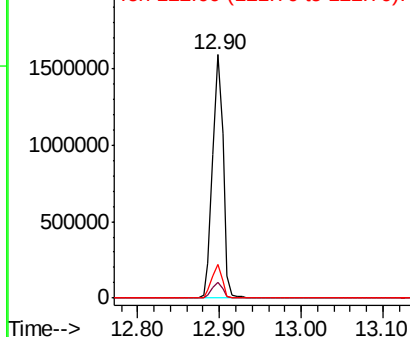
Lab File: BF111335.D

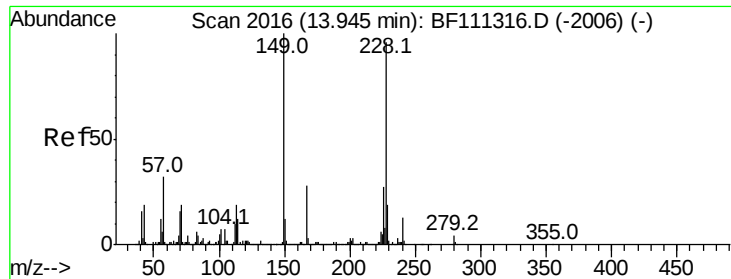
Acq: 12 Dec 2018 21:33

Tgt Ion:	244	Resp:	1442134
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.7	8.5
122	14.0	13.1	19.7



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





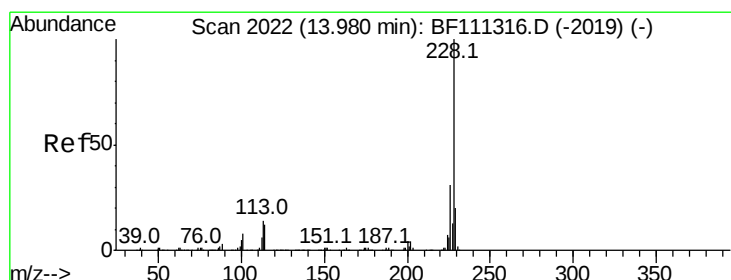
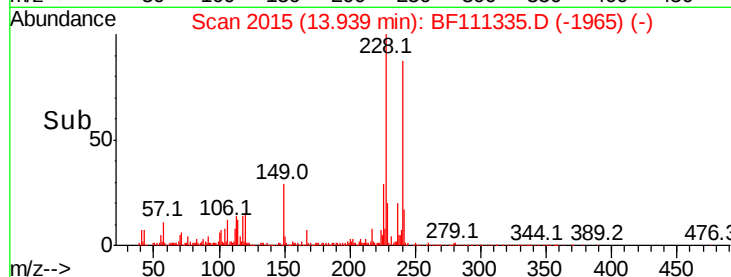
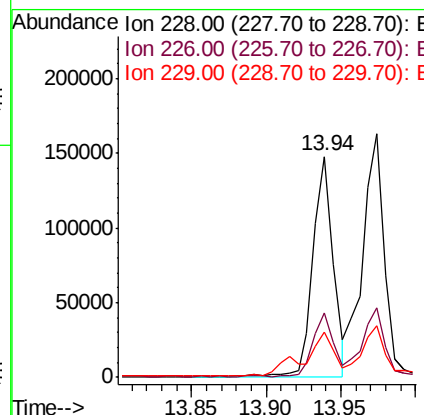
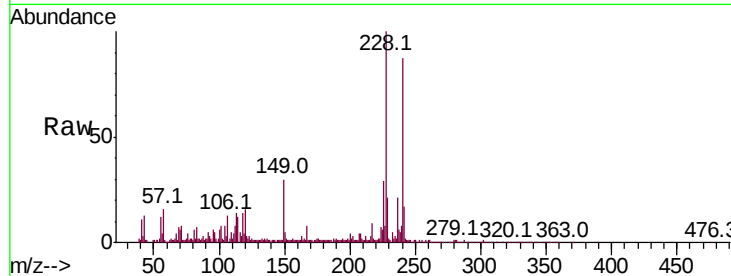
#81
Benzo(a)anthracene
Concen: 5.822 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	34.0
229	20.7	16.3	24.5

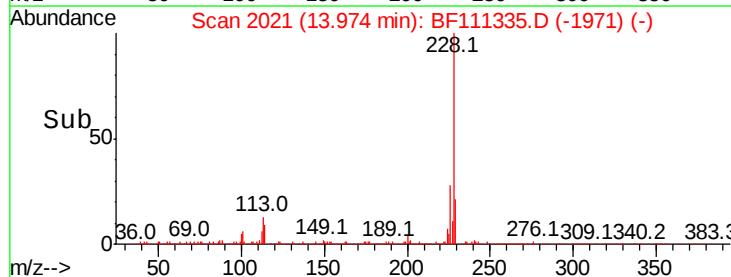
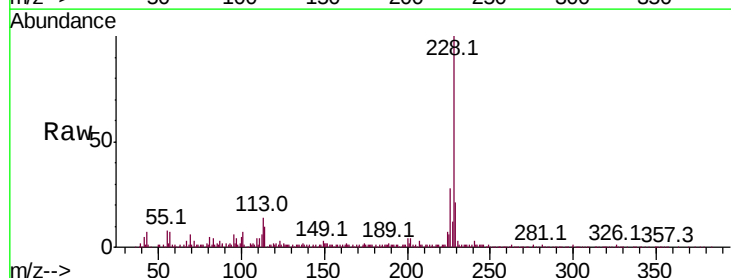
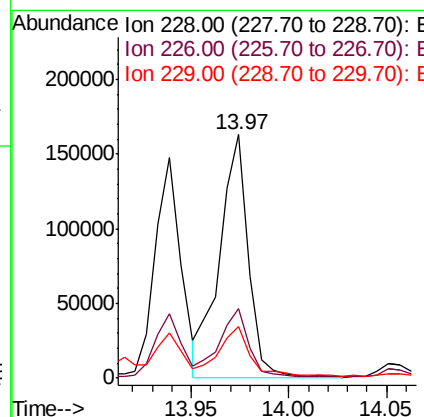
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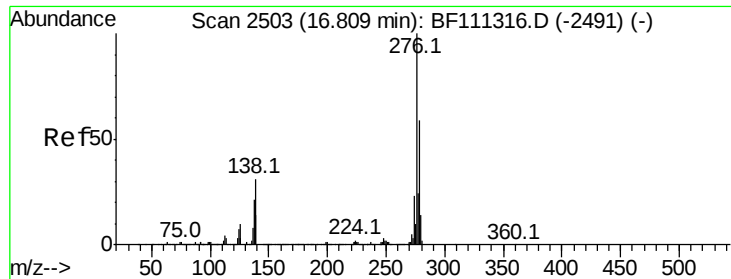
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#83
Chrysene
Concen: 6.863 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.3	37.9
229	21.3	17.2	25.8





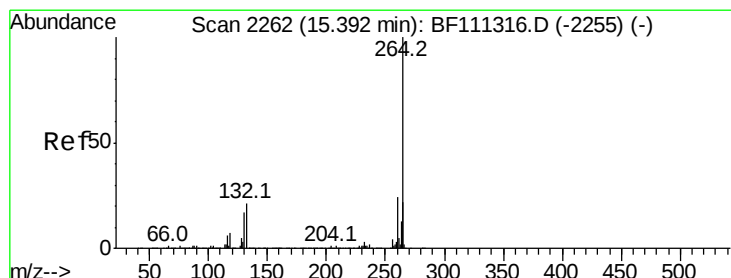
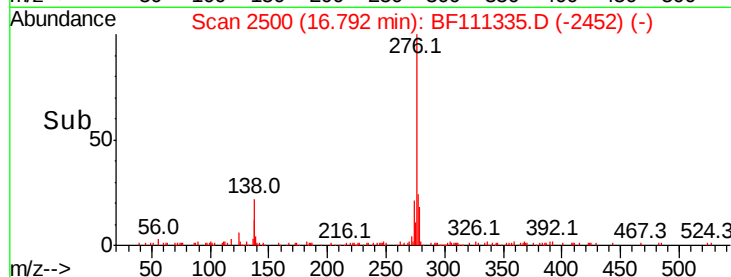
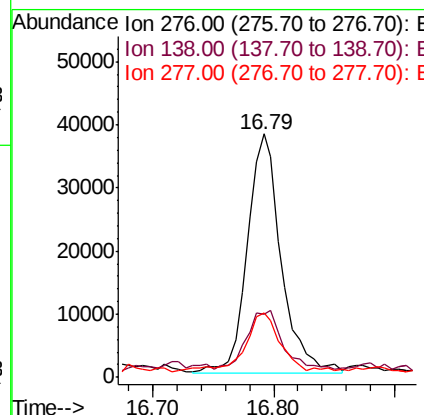
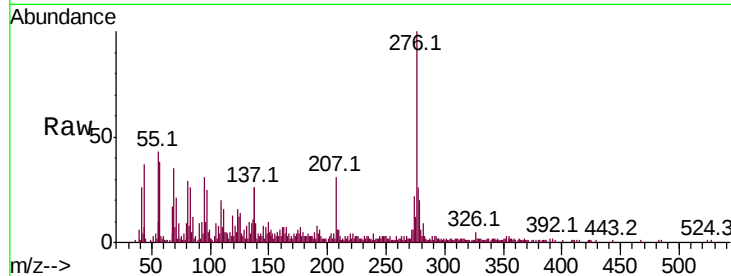
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.895 ng
RT: 16.79 min Scan# 2500
Delta R.T. -0.02 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	27.8	41.6#
277	26.1	20.1	30.1

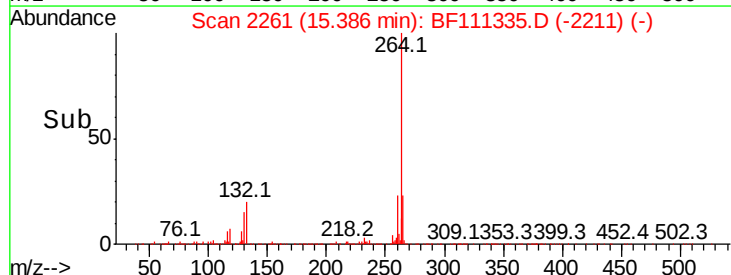
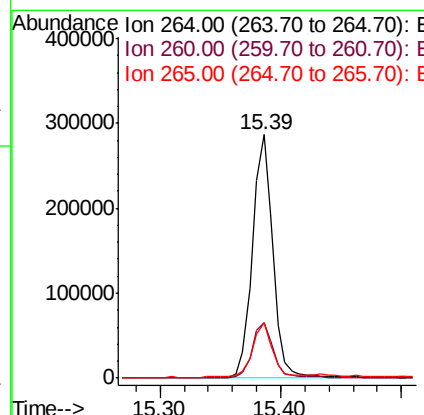
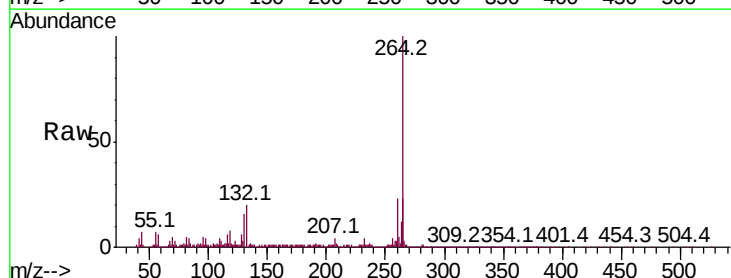
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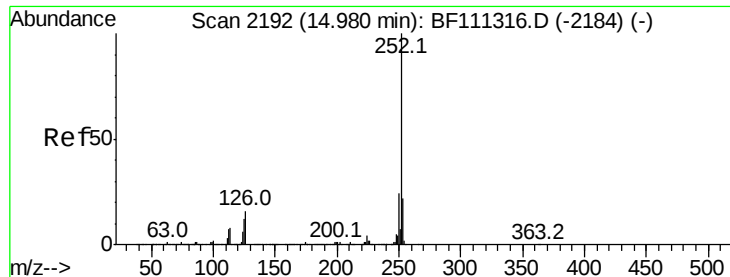
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	22.7	17.7	26.5





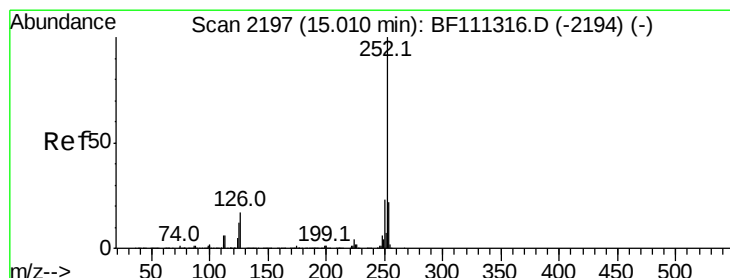
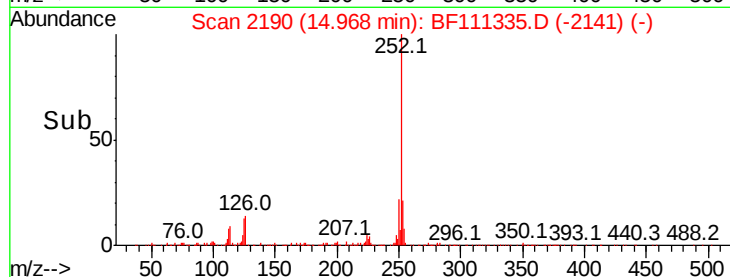
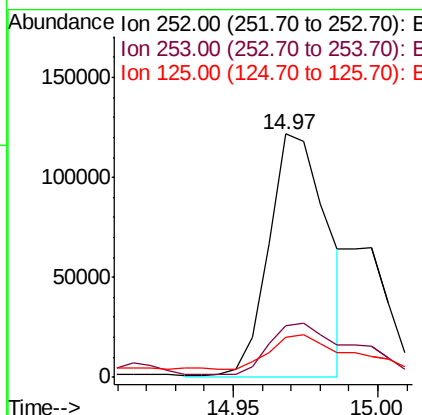
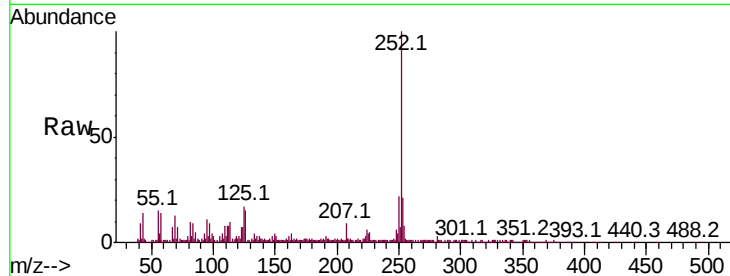
#88
Benzo(b)fluoranthene
Concen: 8.922 ng m
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	16.6	10.4	15.6

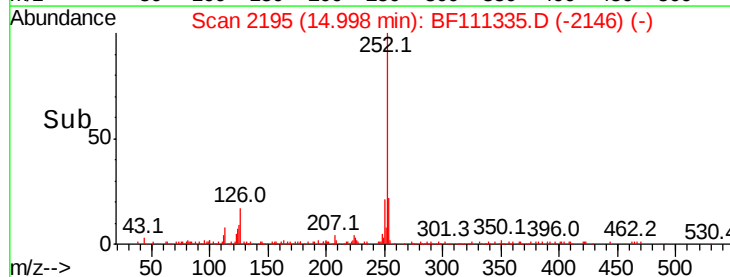
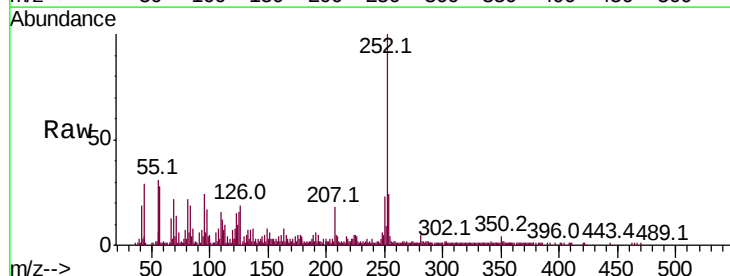
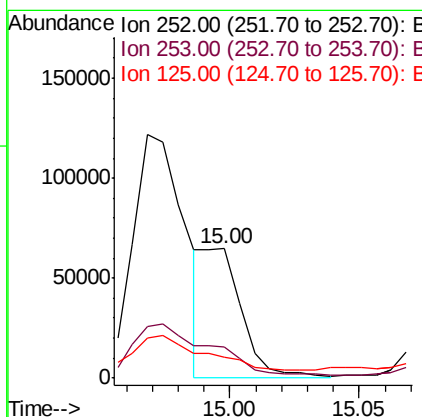
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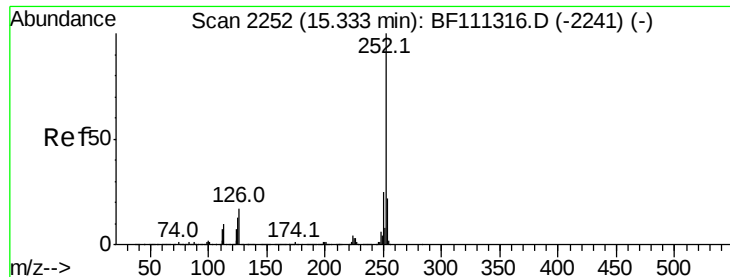
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#89
Benzo(k)fluoranthene
Concen: 3.545 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	16.3	9.8	14.8





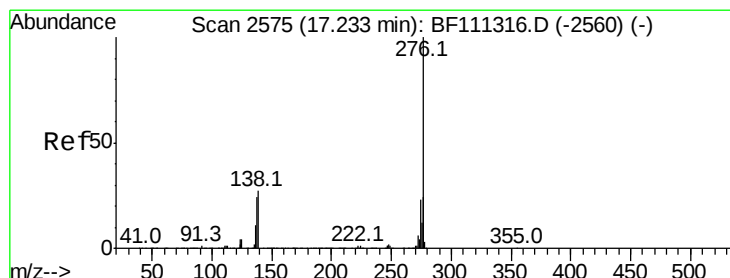
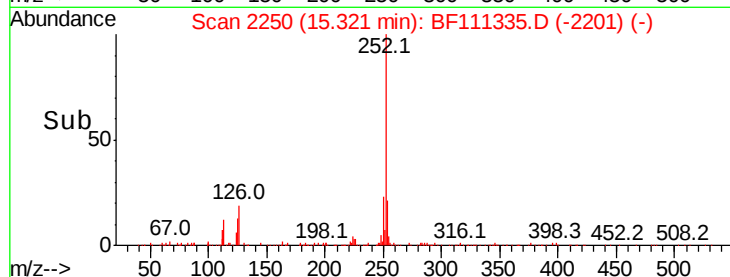
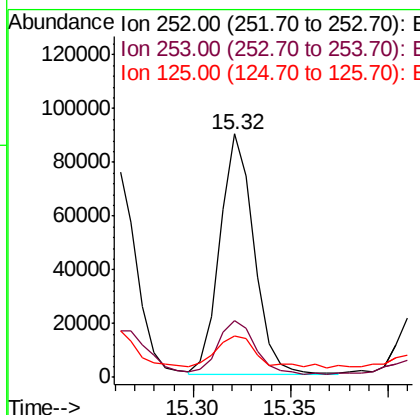
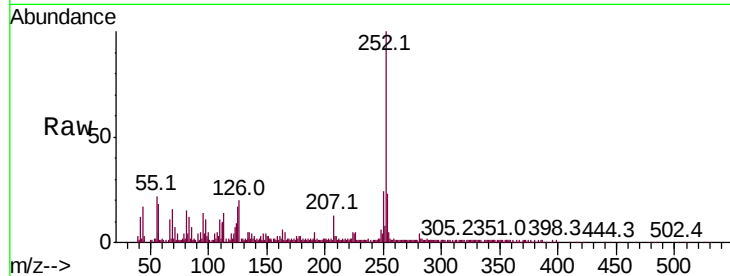
#90
Benzo(a)pyrene
Concen: 6.109 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	17.2	12.3	18.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.487 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.02 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.7	19.2	28.8
138	30.2	24.9	37.3

