

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109290.D
 Acq On : 25 Sep 2018 17:18
 Operator : JU/SJ
 Sample : J4775-09 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-092418-A

Manual Integrations
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Quant Time: Sep 26 10:10:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	117815	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	458869	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	198899	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	321189	20.00	ng	0.00
75) Chrysene-d12	13.85	240	285212	20.00	ng	0.00
86) Perylene-d12	15.25	264	210568	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	106208	14.85	ng	0.00
7) Phenol-d6	6.34	99	139847	15.32	ng	-0.02
23) Nitrobenzene-d5	7.26	82	79735	10.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	24839	12.67	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	161161	12.22	ng	-0.01
78) Terphenyl-d14	12.80	244	131492	11.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	39427	2.725	ng	Qvalue # 98
70) Phenanthrene	11.24	178	58522	3.649	ng	97
74) Fluoranthene	12.42	202	155087	9.049	ng	97
77) Pyrene	12.65	202	148628	7.271	ng	99
80) Benzo(a)anthracene	13.83	228	86924	5.060	ng	99
82) Chrysene	13.87	228	76344	4.484	ng	96
85) Indeno(1,2,3-cd)pyrene	16.60	276	31725m	2.299	ng	
87) Benzo(b)fluoranthene	14.85	252	84244m	7.281	ng	
88) Benzo(k)fluoranthene	14.87	252	25631m	2.334	ng	
89) Benzo(a)pyrene	15.19	252	55884	5.360	ng	98
91) Benzo(g,h,i)perylene	17.00	276	29704	3.533	ng	# 90

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

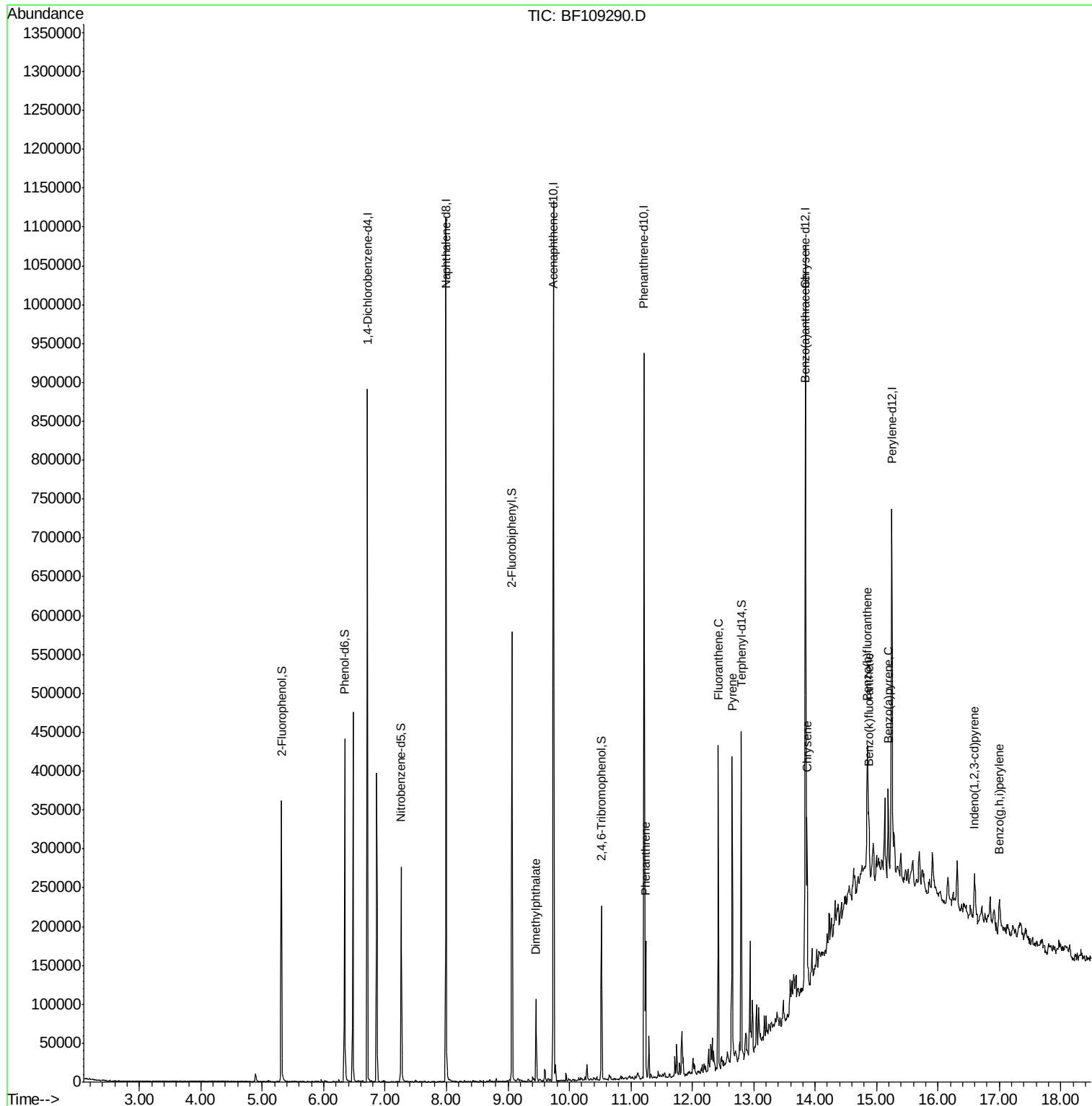
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

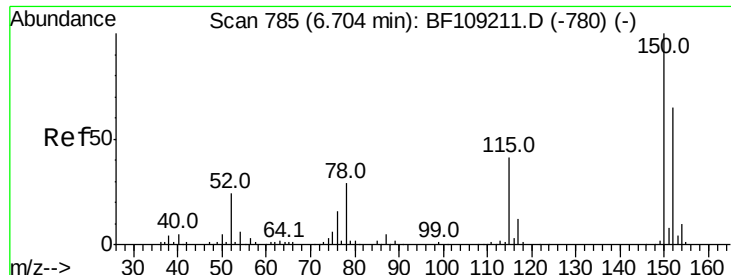
Instrument :
BNA_F
ClientSampleID :
OR-01-092418-A

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

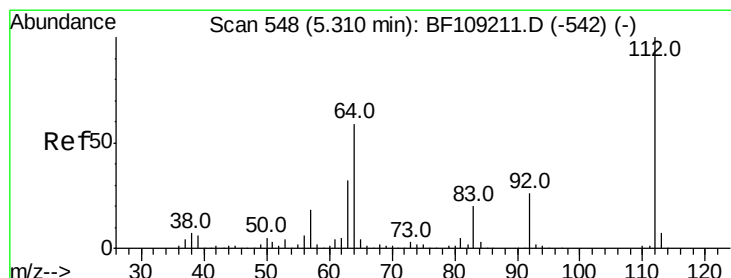
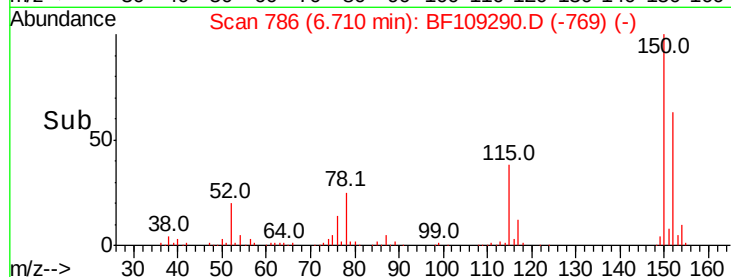
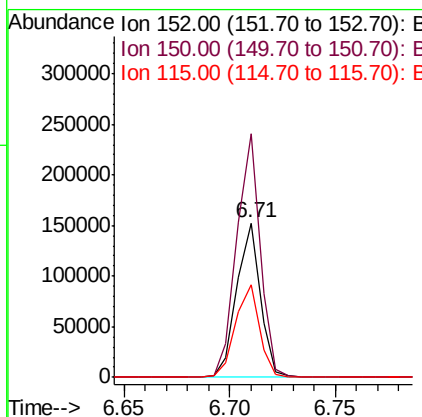
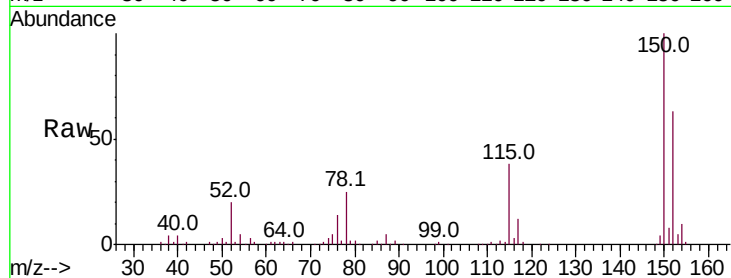
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109290.D
Acq: 25 Sep 2018 17:18

Instrument :
BNA_F
ClientSampleId :
OR-01-092418-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	59.9	50.1	75.1

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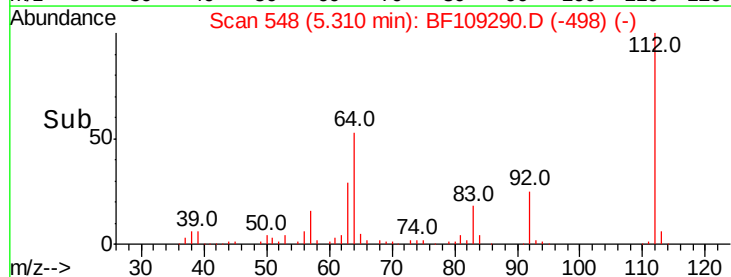
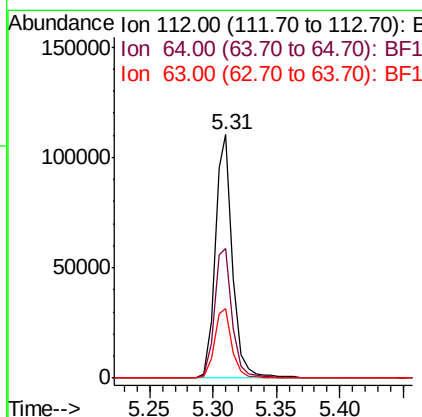
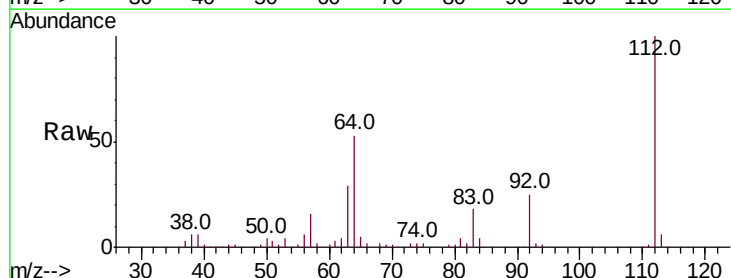
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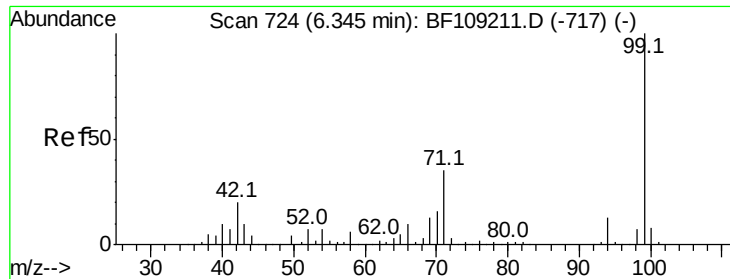


#5

2-Fluorophenol
Concen: 14.848 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109290.D
Acq: 25 Sep 2018 17:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	47.9	71.9
63	28.6	23.7	35.5





#7

Phenol-d6

Concen: 15.322 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109290.D

Acq: 25 Sep 2018 17:18

Instrument :

BNA_F

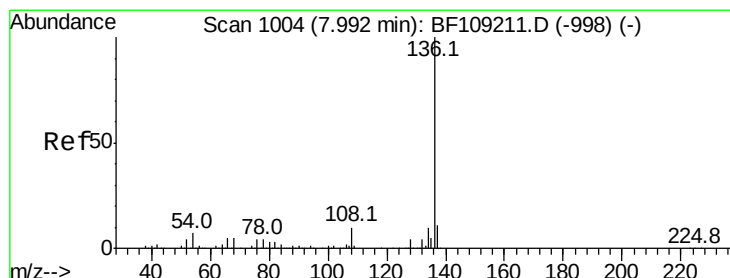
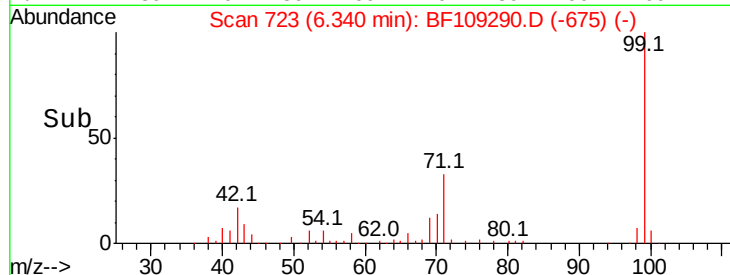
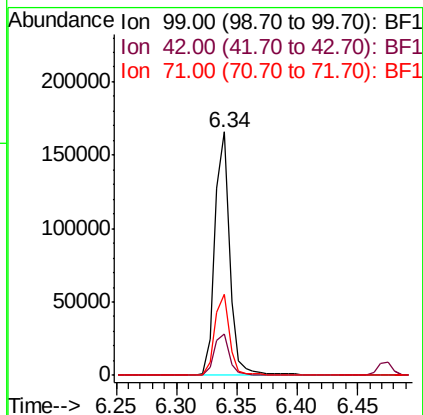
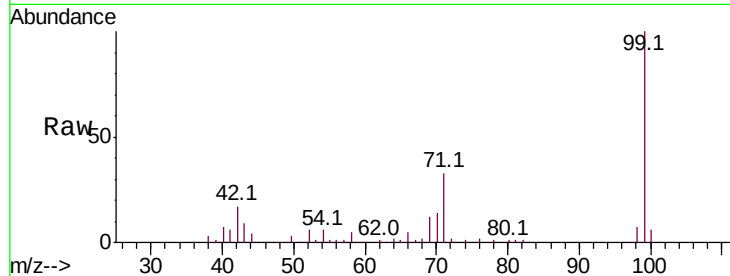
ClientSampleId :

OR-01-092418-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		139847		
42	16.8	14.5	21.7		
71	33.5	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

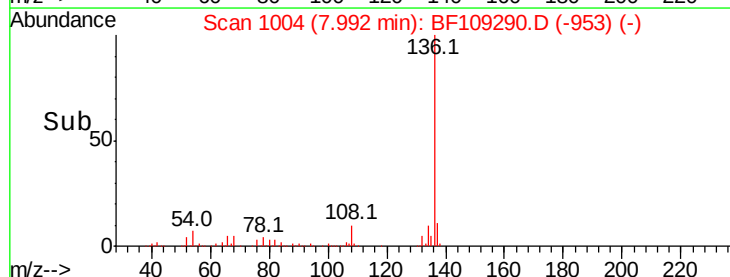
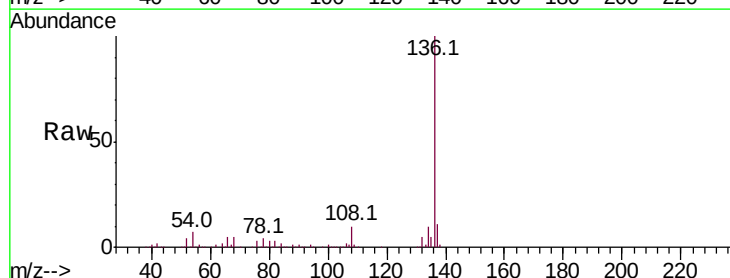
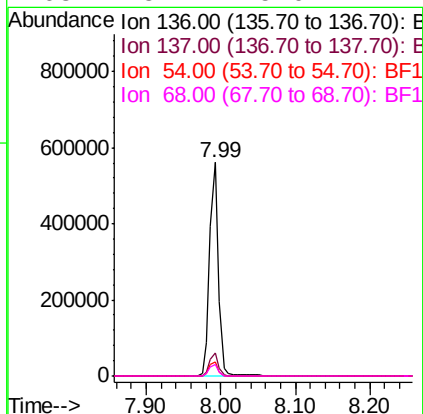
RT: 7.99 min Scan# 1004

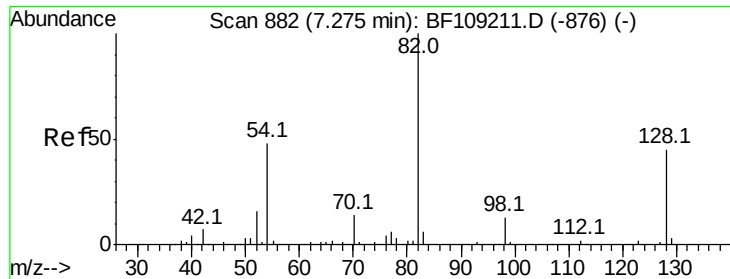
Delta R.T. 0.00 min

Lab File: BF109290.D

Acq: 25 Sep 2018 17:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		458869		
137	11.0	8.9	13.3		
54	6.8	6.6	9.8		
68	5.4	5.0	7.4		





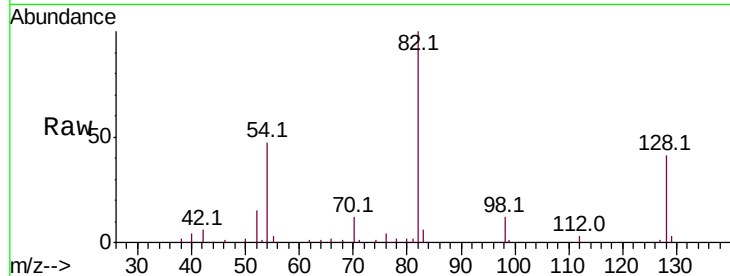
#23
 Nitrobenzene-d5
 Concen: 10.258 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109290.D
 Acq: 25 Sep 2018 17:18

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-092418-A

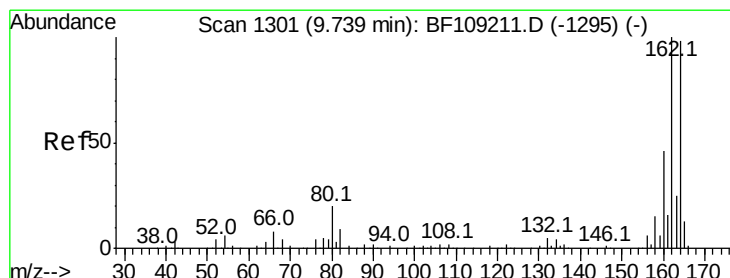
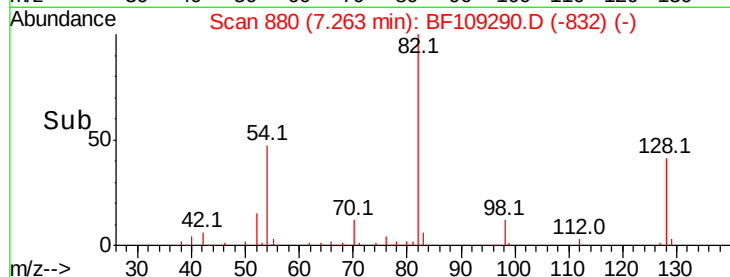
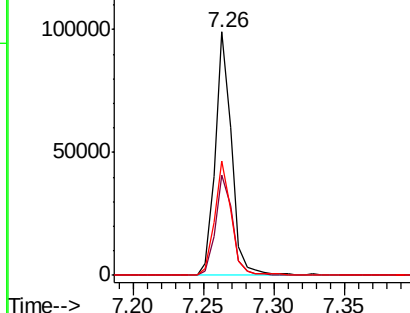
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	36.1	54.1
54	47.0	41.4	62.2

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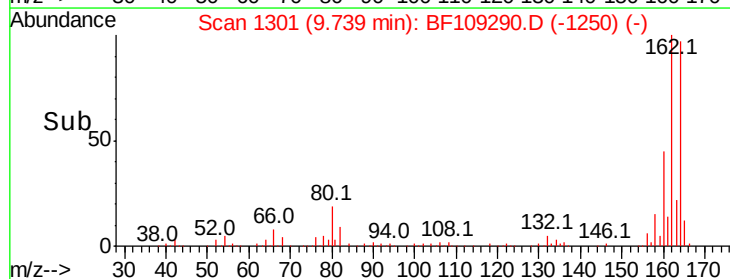
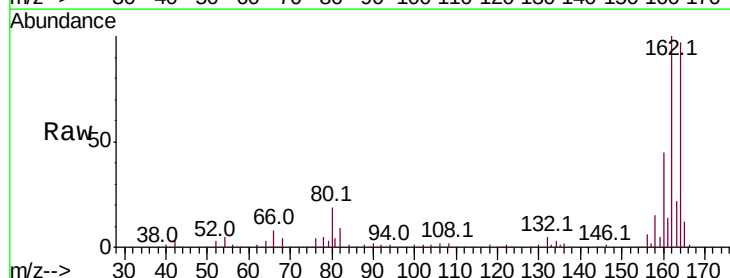
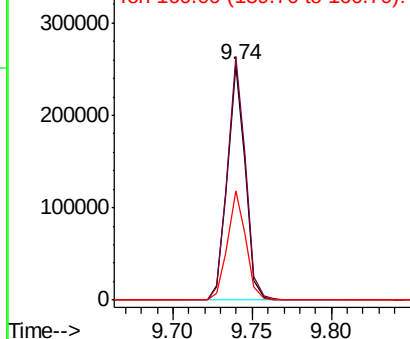
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

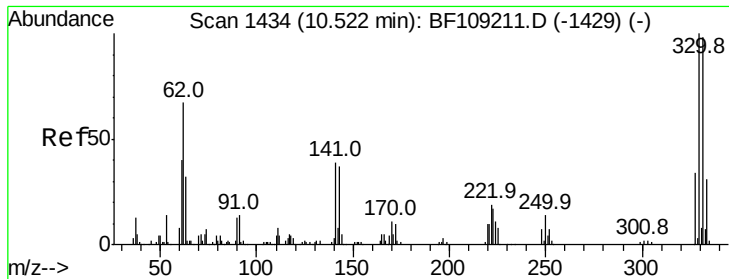


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109290.D
 Acq: 25 Sep 2018 17:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	46.2	38.3	57.5

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





#41

2,4,6-Tribromophenol

Concen: 12.668 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109290.D

Acq: 25 Sep 2018 17:18

Instrument :

BNA_F

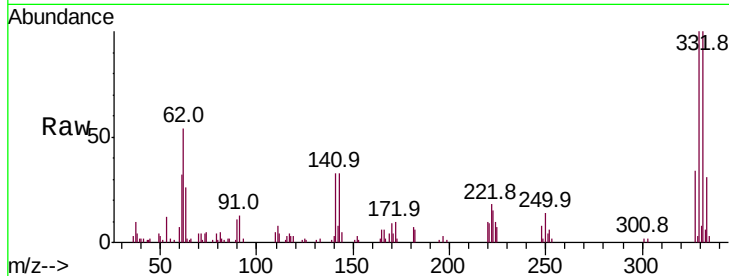
ClientSampleId :

OR-01-092418-A

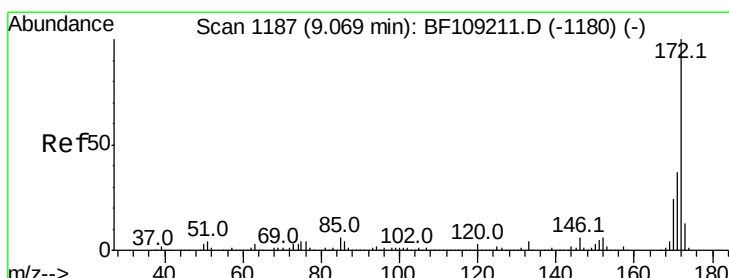
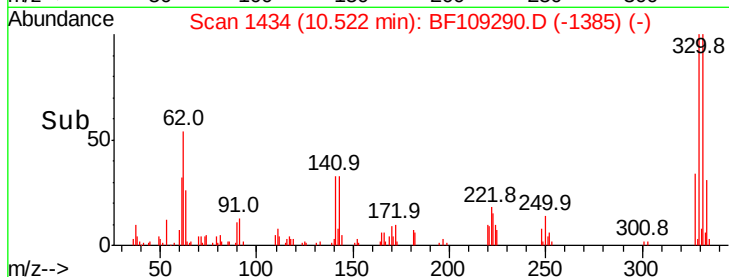
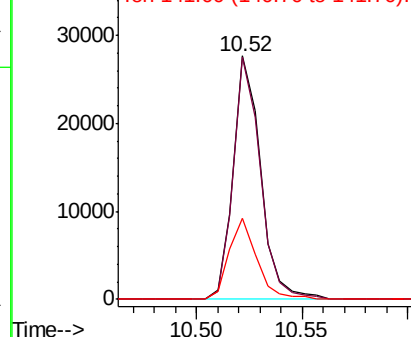
Tot Ion:	330	Resp:	24839
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.0	115.6
141	33.7	29.9	44.9

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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



#44

2-Fluorobiphenyl

Concen: 12.220 ng

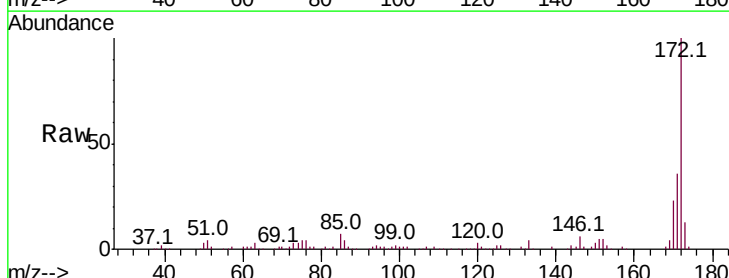
RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

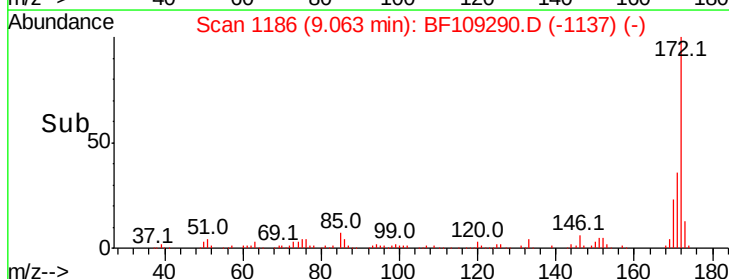
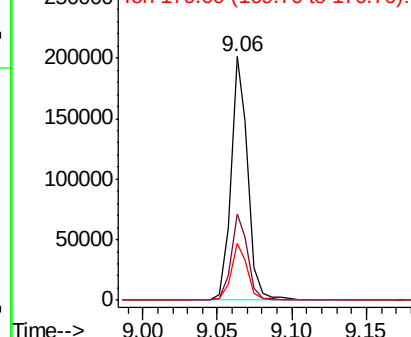
Lab File: BF109290.D

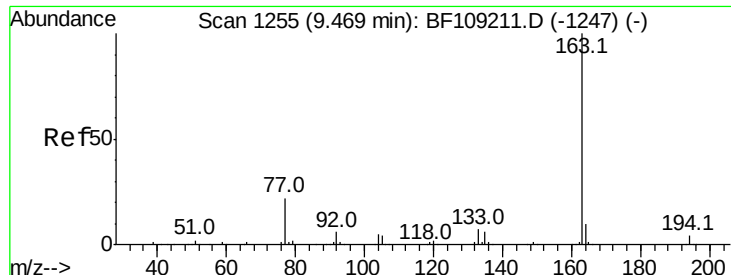
Acq: 25 Sep 2018 17:18

Tgt Ion:	172	Resp:	161161
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.7	44.5
170	23.3	19.6	29.4



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





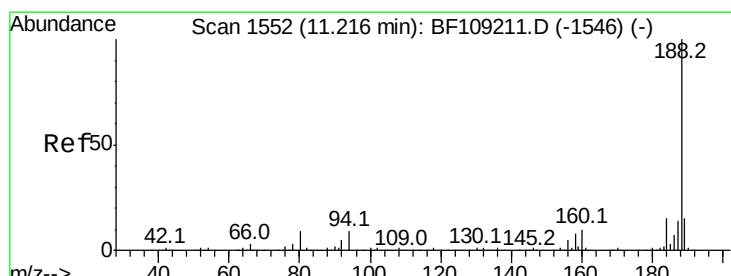
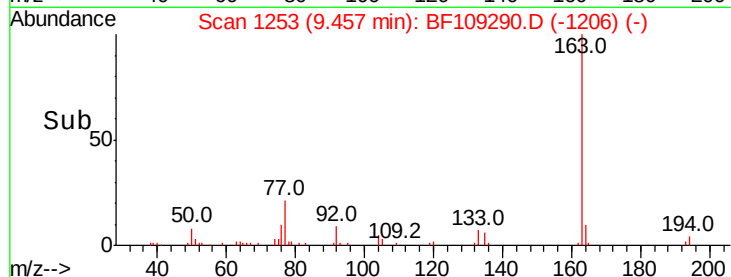
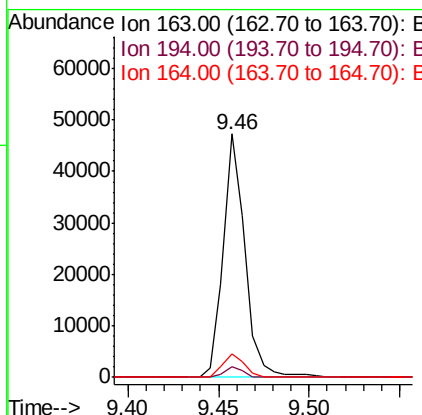
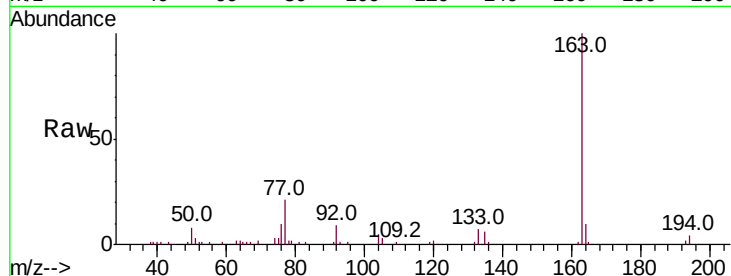
#49
Dimethylphthalate
Concen: 2.725 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109290.D
Acq: 25 Sep 2018 17:18

Instrument :
BNA_F
ClientSampleId :
OR-01-092418-A

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.6	8.2	12.2

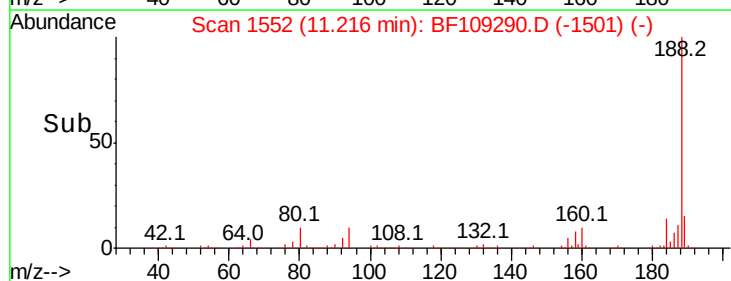
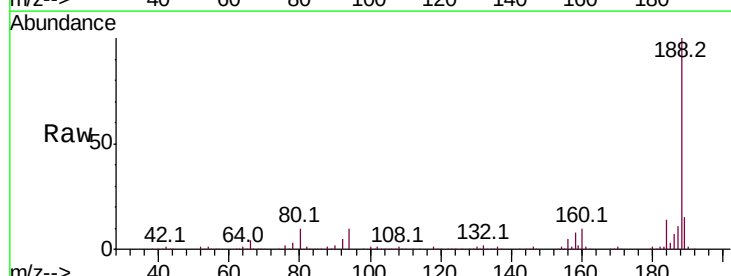
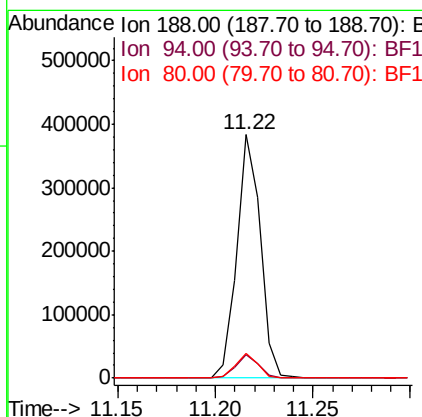
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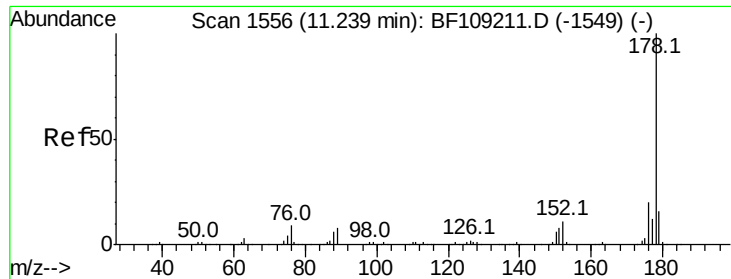
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109290.D
Acq: 25 Sep 2018 17:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.3	9.2	13.8





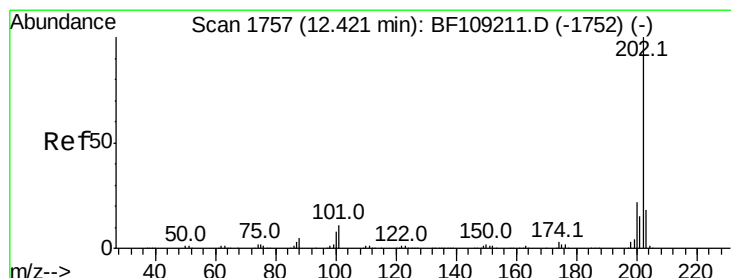
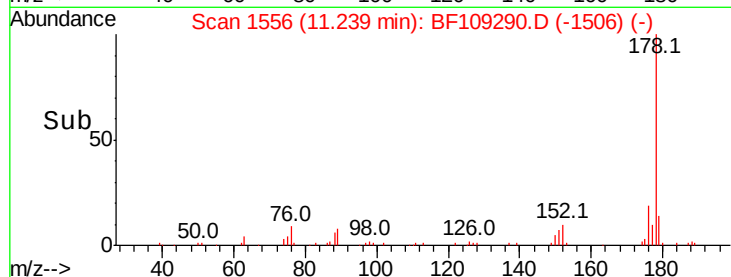
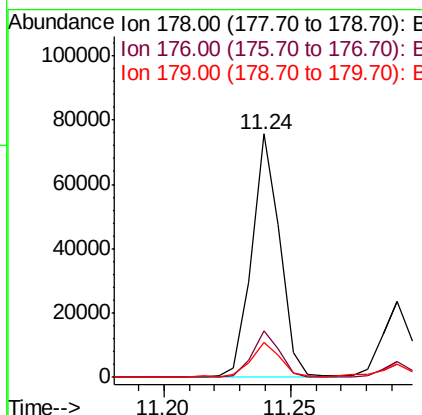
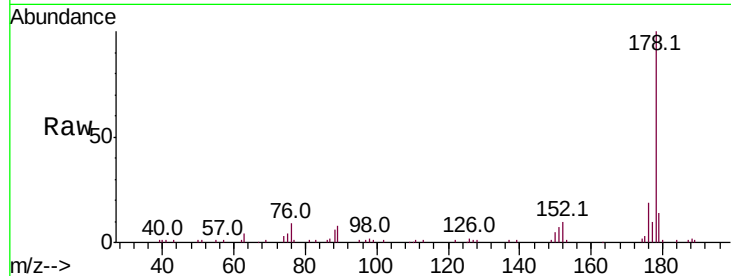
#70
Phenanthrene
Concen: 3.649 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109290.D
Acq: 25 Sep 2018 17:18

Instrument :
BNA_F
ClientSampleId :
OR-01-092418-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.1	13.0	19.6

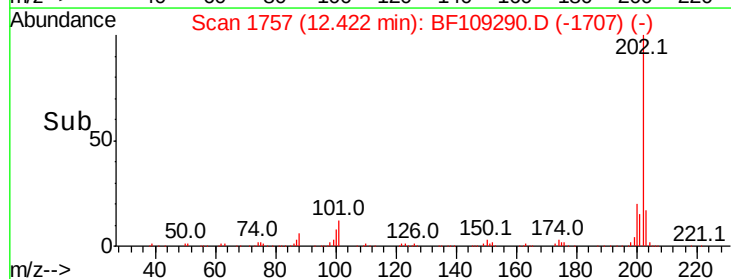
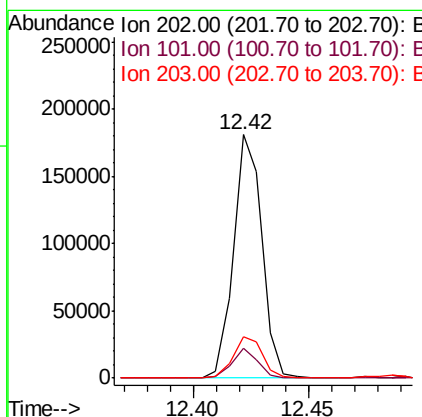
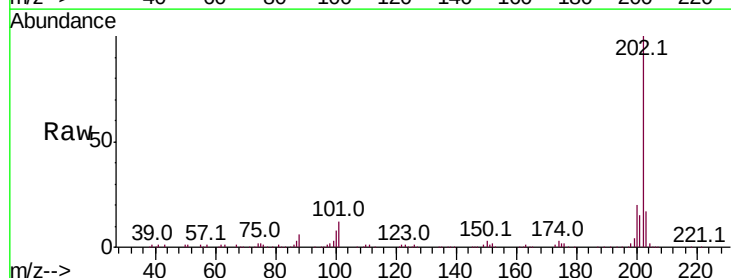
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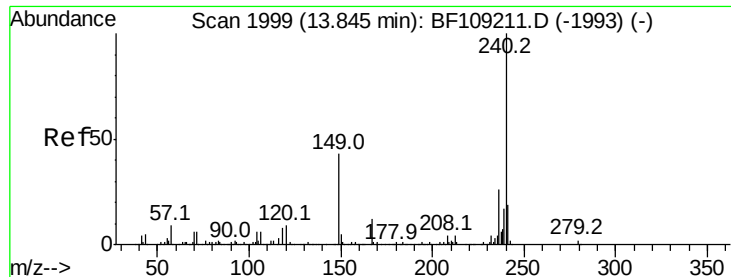
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#74
Fluoranthene
Concen: 9.049 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109290.D
Acq: 25 Sep 2018 17:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109290.D

Acq: 25 Sep 2018 17:18

Instrument :

BNA_F

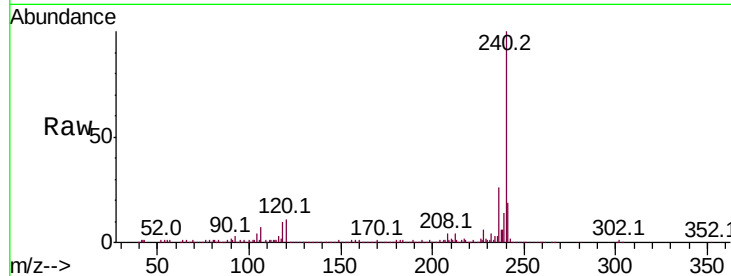
ClientSampleId :

OR-01-092418-A

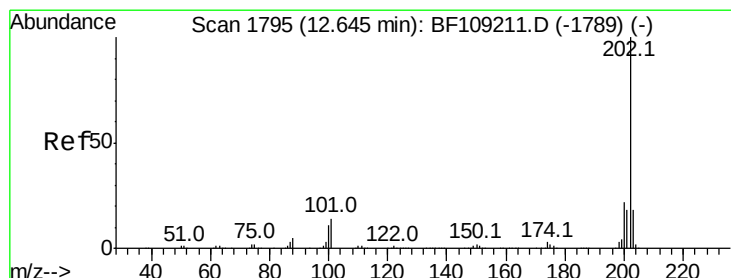
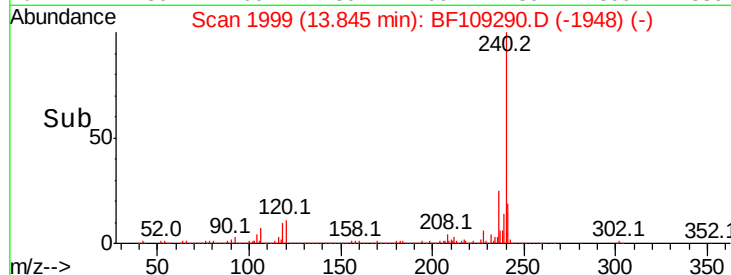
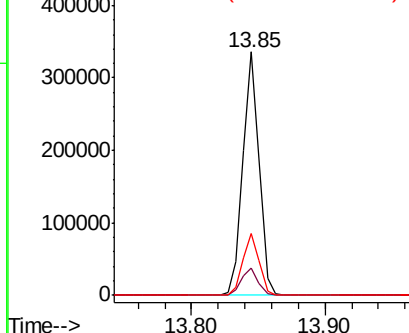
Tot Ion:	240	Resp:	285212
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.5	14.3
236	25.6	20.7	31.1

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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



#77

Pyrene

Concen: 7.271 ng

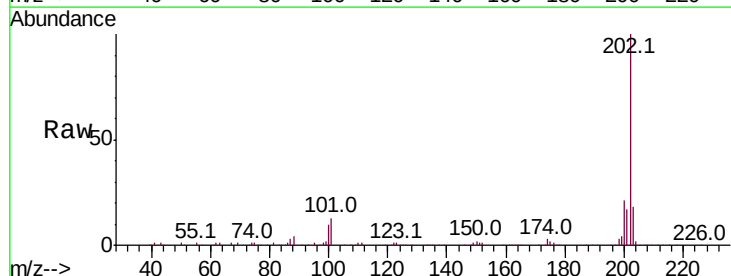
RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

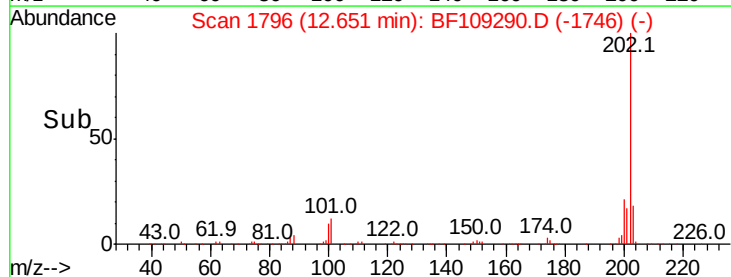
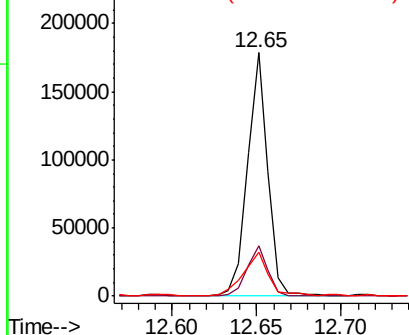
Lab File: BF109290.D

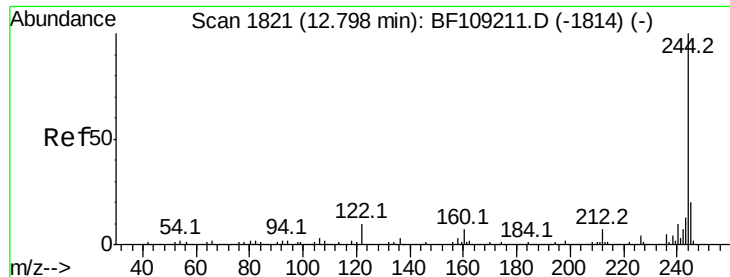
Acq: 25 Sep 2018 17:18

Tgt Ion:	202	Resp:	148628
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	18.0	14.3	21.5



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





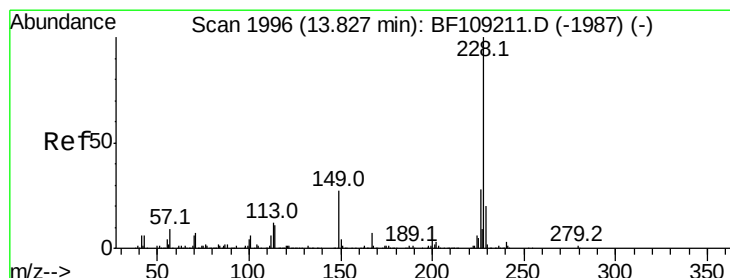
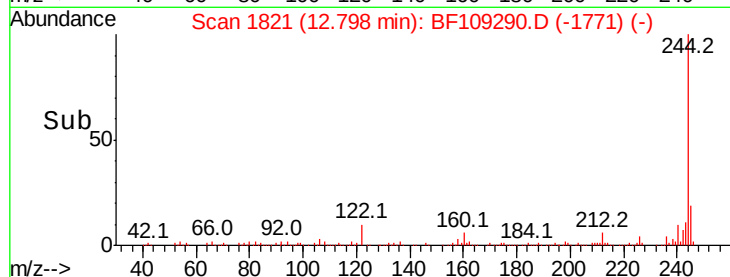
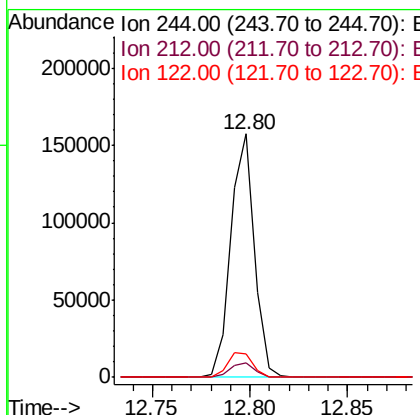
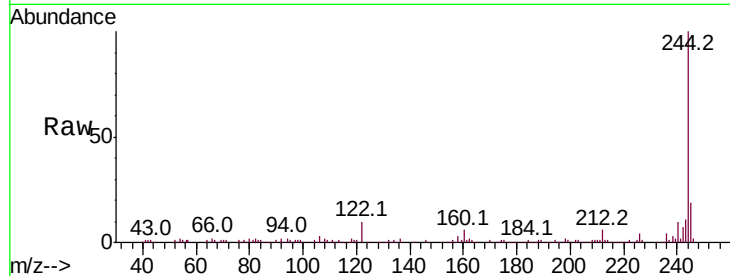
#78
 Terphenyl-d14
 Concen: 11.314 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109290.D
 Acq: 25 Sep 2018 17:18

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-092418-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	9.6	11.0	16.4

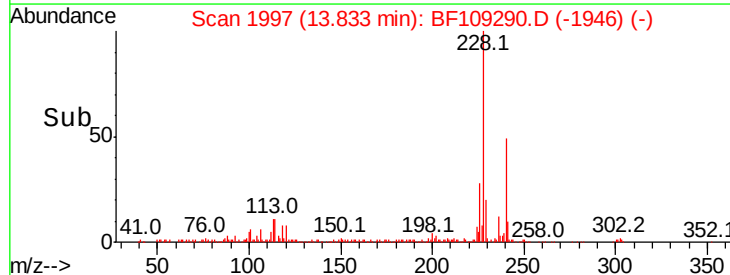
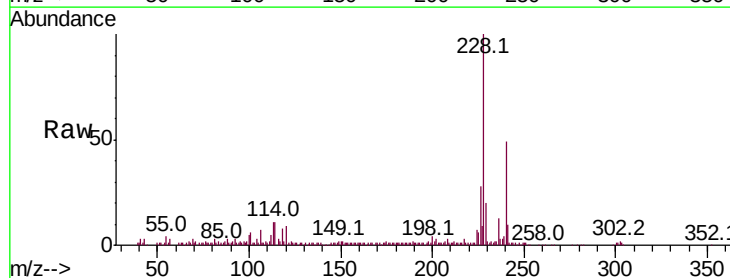
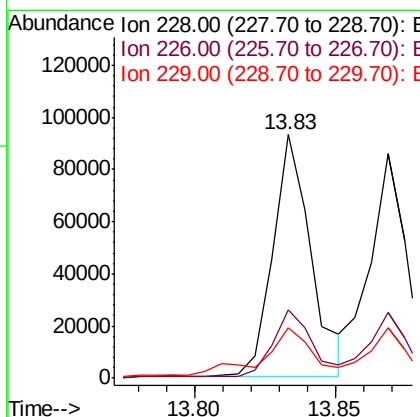
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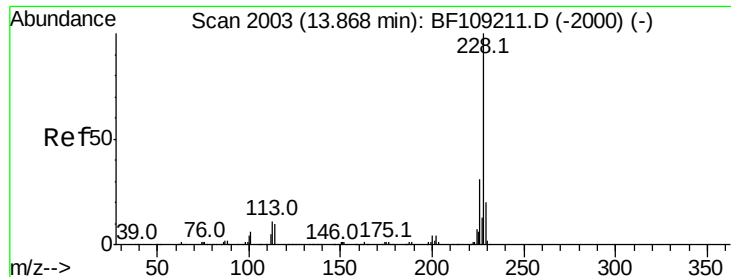
Sohil
 9/26/2018 3:41:55 PM



#80
 Benzo(a)anthracene
 Concen: 5.060 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF109290.D
 Acq: 25 Sep 2018 17:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.4	15.8	23.6





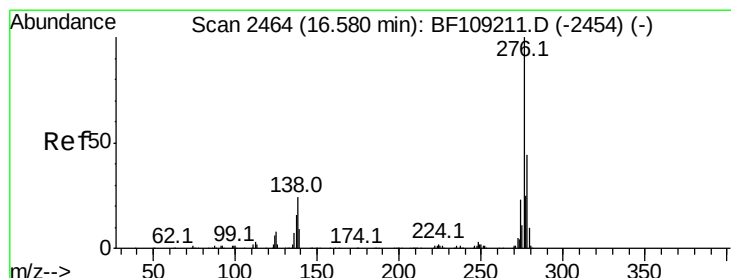
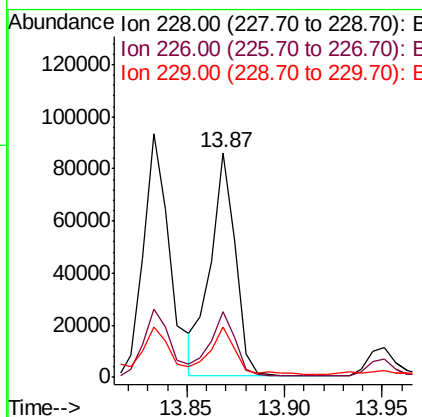
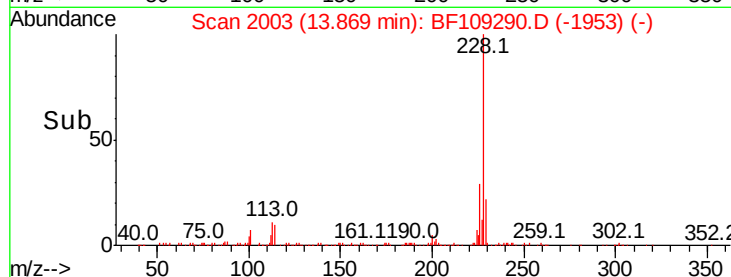
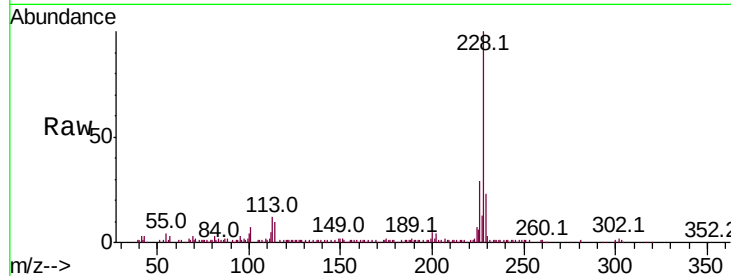
#82
Chrysene
Concen: 4.484 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF109290.D
Acq: 25 Sep 2018 17:18

Instrument :
BNA_F
ClientSampleId :
OR-01-092418-A

Tot Ion:228	Resp:	76344
Ion Ratio	Lower	Upper
228 100		
226 29.5	25.0	37.6
229 22.5	16.2	24.4

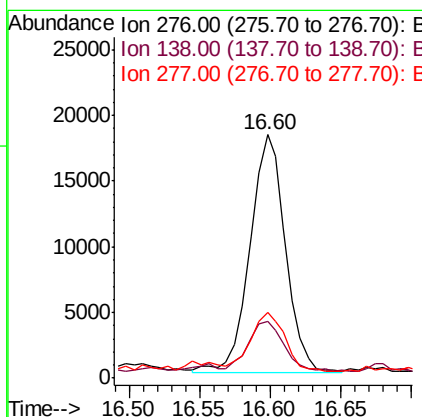
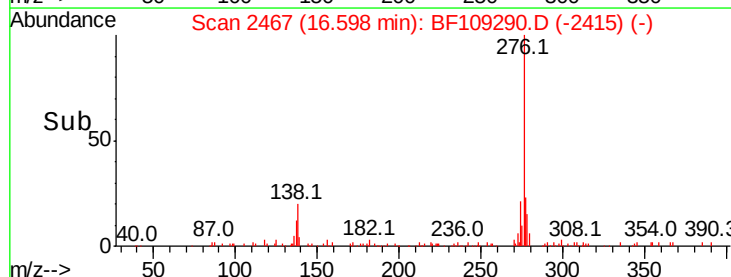
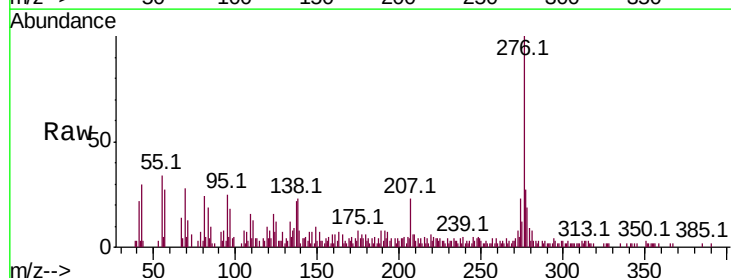
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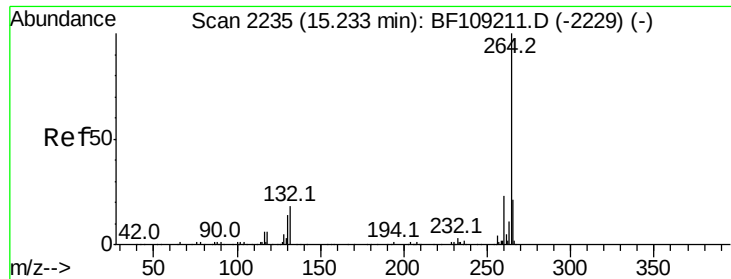
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.299 ng m
RT: 16.60 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BF109290.D
Acq: 25 Sep 2018 17:18

Tgt Ion:276	Resp:	31725
Ion Ratio	Lower	Upper
276 100		
138 1.5	25.0	37.6#
277 1.0	20.1	30.1#





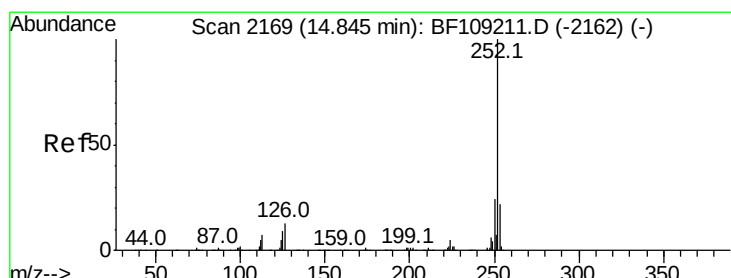
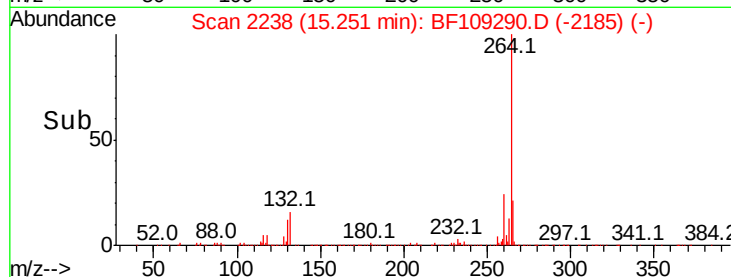
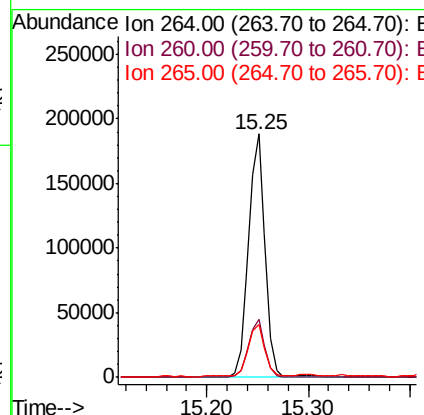
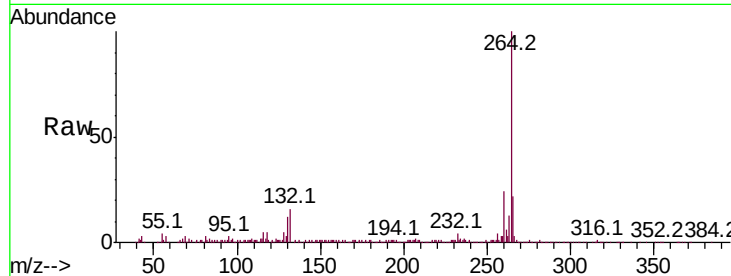
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109290.D
Acq: 25 Sep 2018 17:18

Instrument :
BNA_F
ClientSampleId :
OR-01-092418-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.5	26.3

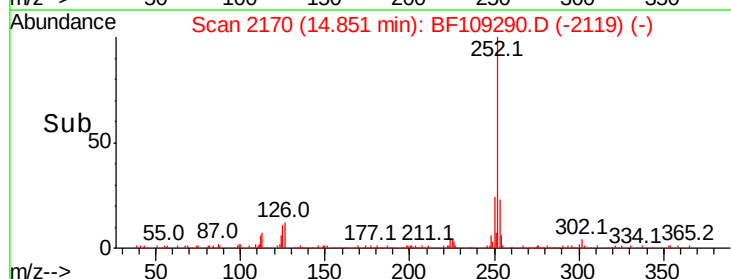
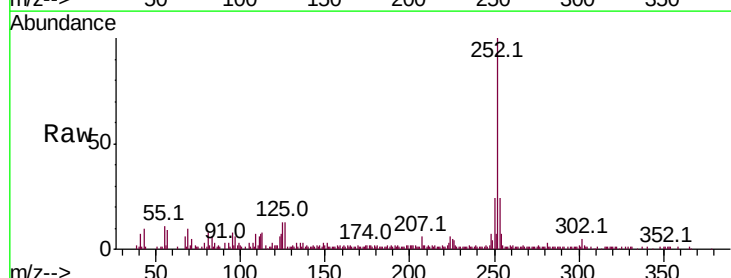
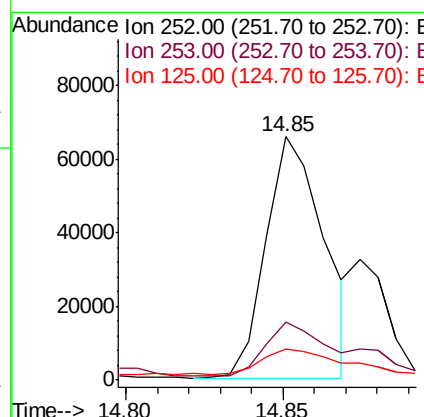
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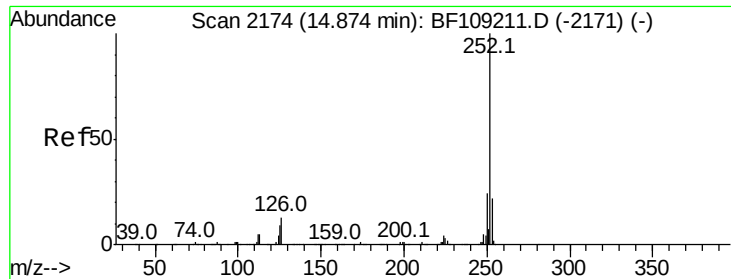
Sohil
9/26/2018 3:41:55 PM



#87
Benzo(b)fluoranthene
Concen: 7.281 ng m
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109290.D
Acq: 25 Sep 2018 17:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	12.8	9.0	13.6





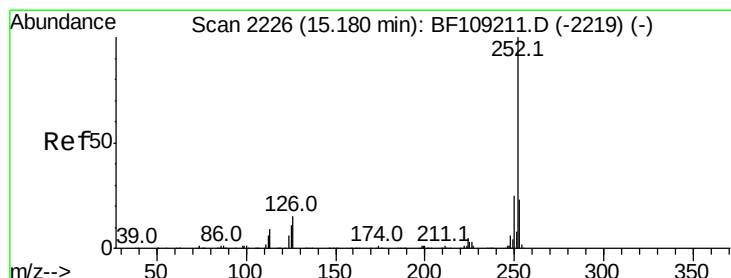
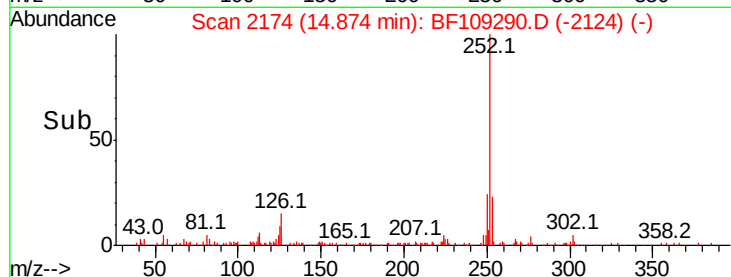
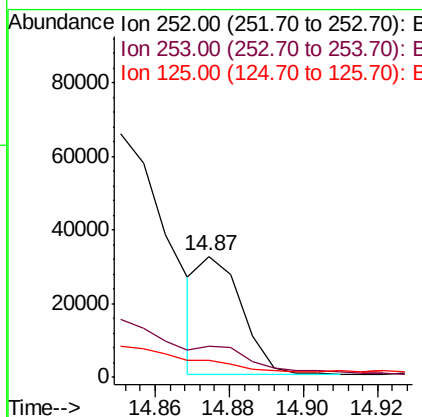
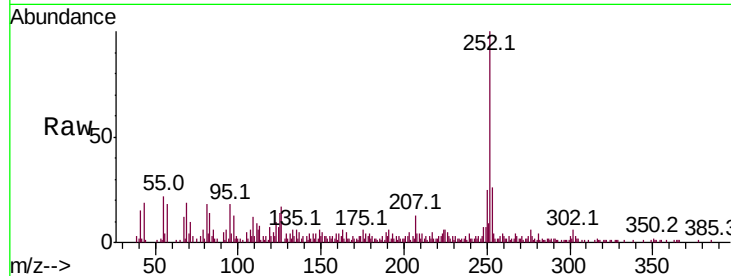
#88
Benzo(k)fluoranthene
Concen: 2.334 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF109290.D
Acq: 25 Sep 2018 17:18

Instrument :
BNA_F
ClientSampleId :
OR-01-092418-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.9	26.9
125	14.0	10.2	15.2

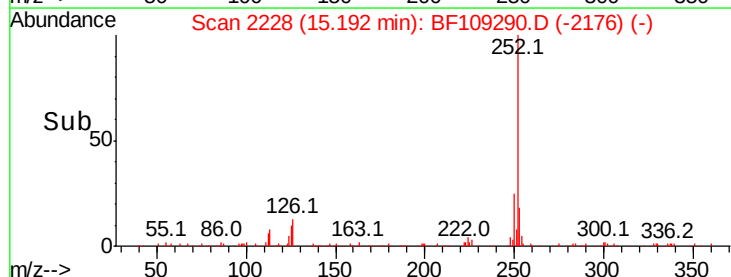
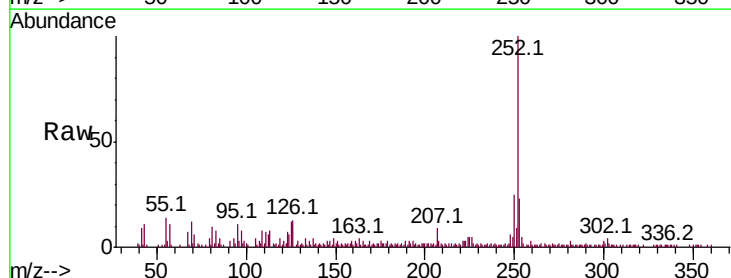
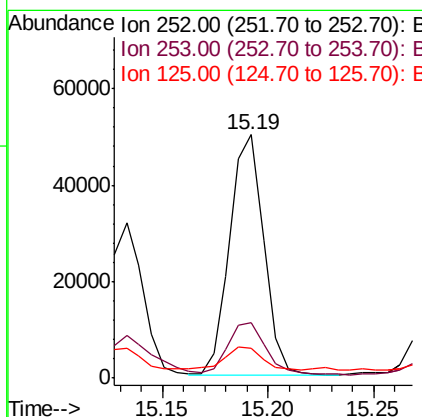
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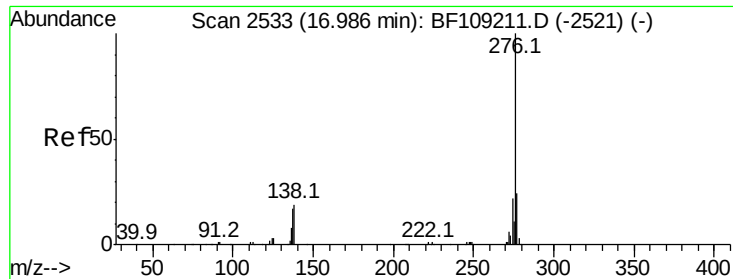
Sohil
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#89
Benzo(a)pyrene
Concen: 5.360 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109290.D
Acq: 25 Sep 2018 17:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	12.2	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 3.533 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. 0.01 min
 Lab File: BF109290.D
 Acq: 25 Sep 2018 17:18

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-092418-A

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.1	17.9	26.9#
138	22.0	21.8	32.8

Manual Integrations
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