

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109438.D
 Acq On : 28 Sep 2018 18:58
 Operator : JU/SJ
 Sample : J5077-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2

Manual Integrations
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Sohil
 10/1/2018 4:20:00 PM

Quant Time: Oct 01 09:17:24 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	95818	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	314069	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	127997	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	240894	20.00	ng	0.00
75) Chrysene-d12	13.84	240	178055	20.00	ng	0.00
86) Perylene-d12	15.25	264	136969	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	483819	83.17	ng	0.00
7) Phenol-d6	6.35	99	589071	79.35	ng	0.00
23) Nitrobenzene-d5	7.27	82	358842	67.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	114671	90.88	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	559723	65.95	ng	-0.01
78) Terphenyl-d14	12.80	244	496734	68.47	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	209462	22.499	ng	Qvalue 100
74) Fluoranthene	12.42	202	69030	5.370	ng	98
77) Pyrene	12.65	202	57181	4.481	ng	99
80) Benzo(a)anthracene	13.83	228	30216	2.817	ng	96
82) Chrysene	13.87	228	32197	3.029	ng	96
83) Bis(2-ethylhexyl)phthalate	13.84	149	31357	4.580	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.61	276	17597m	2.042	ng	
87) Benzo(b)fluoranthene	14.85	252	37803m	5.023	ng	
88) Benzo(k)fluoranthene	14.87	252	14921m	2.089	ng	
89) Benzo(a)pyrene	15.19	252	23016	3.394	ng	# 83
91) Benzo(g,h,i)perylene	17.01	276	17671	3.232	ng	95

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

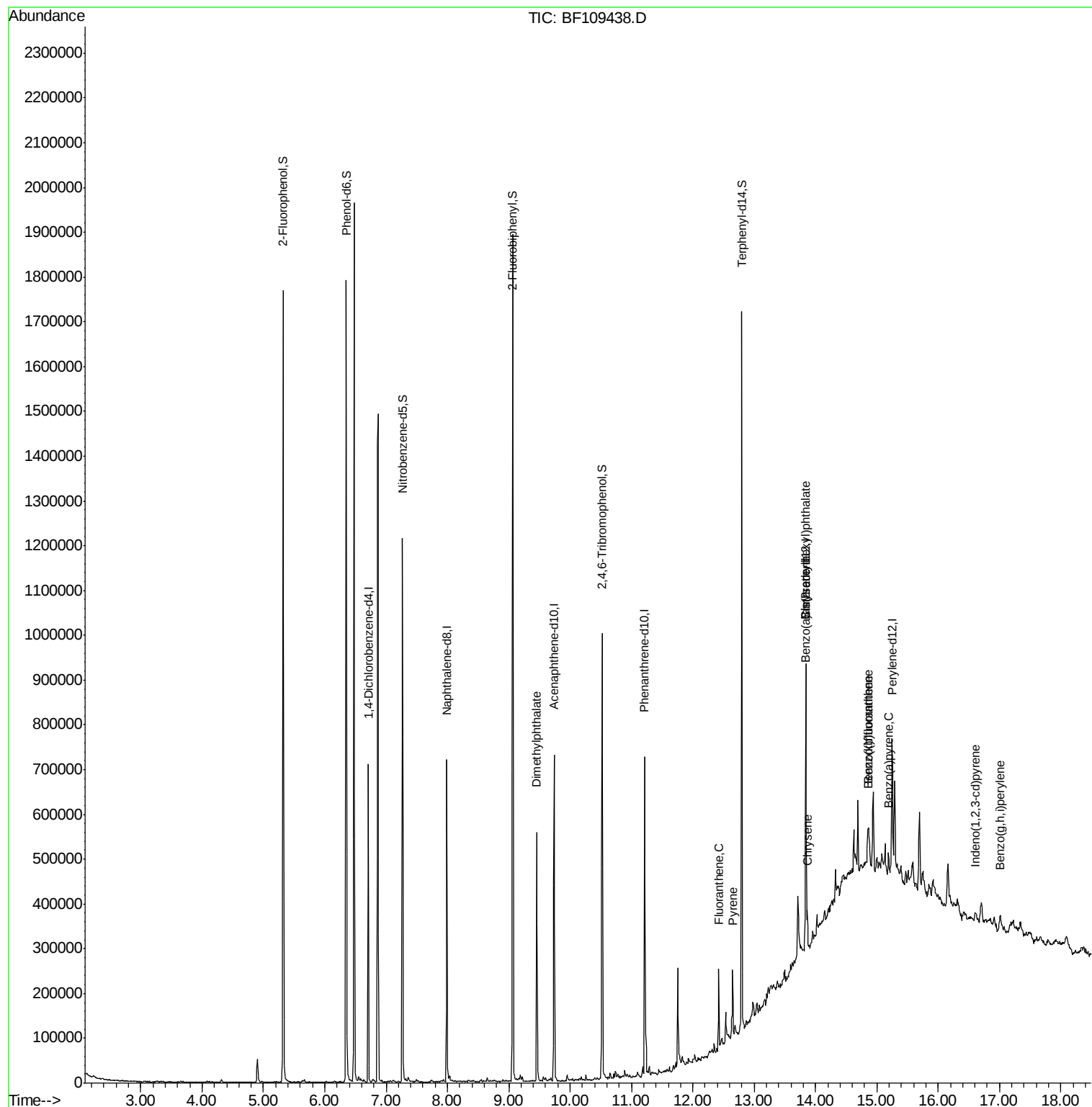
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109438.D
Acq On : 28 Sep 2018 18:58
Operator : JU/SJ
Sample : J5077-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

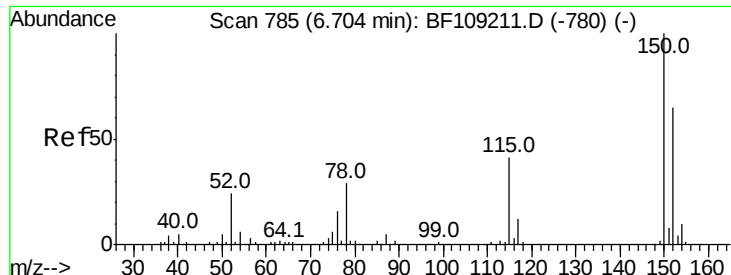
Instrument :
BNA_F
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PARCEL-190-092418-2

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
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#1

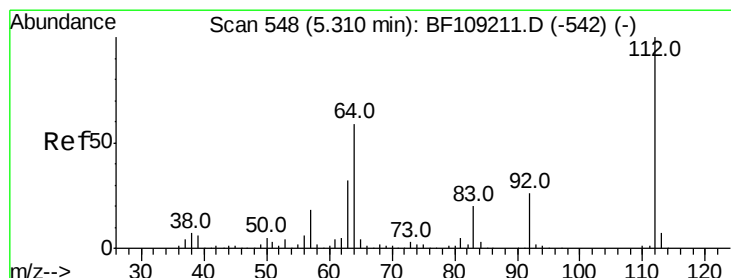
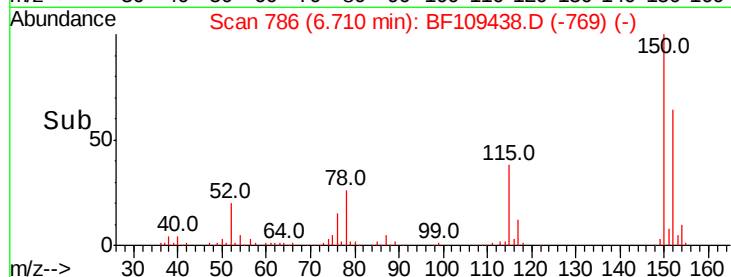
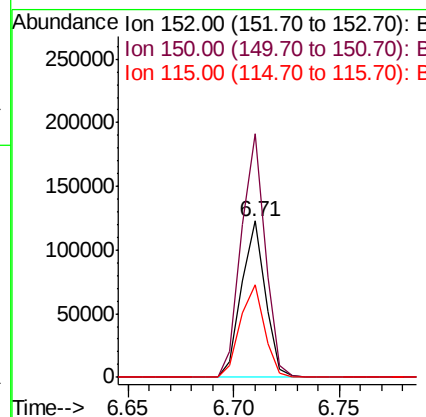
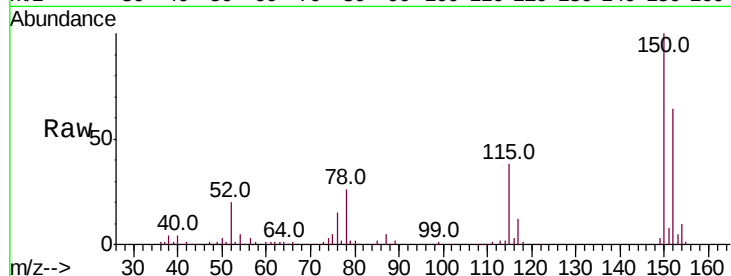
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109438.D
Acq: 28 Sep 2018 18:58

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	59.4	50.1	75.1

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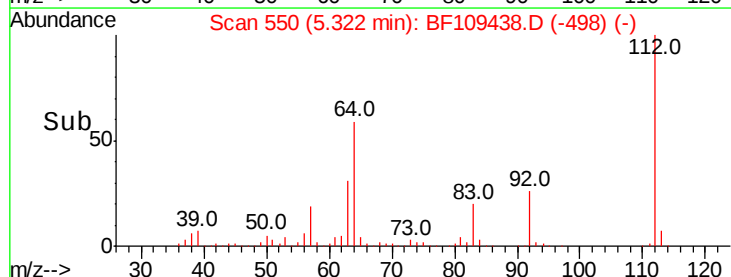
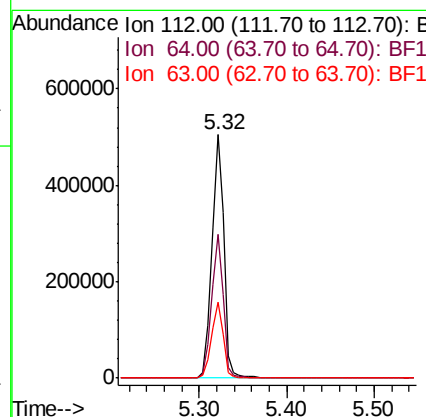
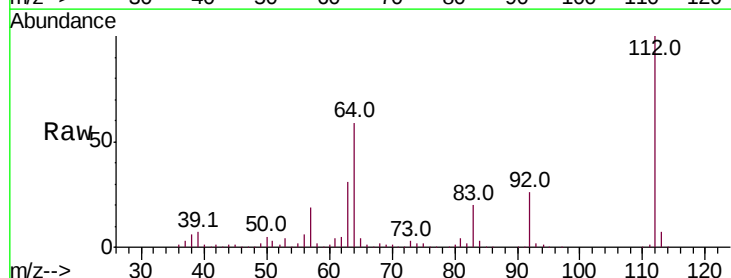
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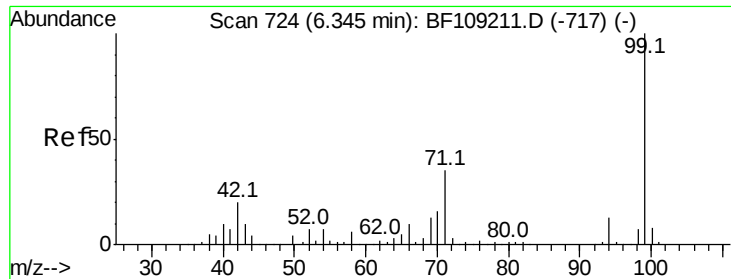


#5

2-Fluorophenol
Concen: 83.167 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109438.D
Acq: 28 Sep 2018 18:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.9	71.9
63	31.3	23.7	35.5





#7

Phenol-d6

Concen: 79.354 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109438.D

Acq: 28 Sep 2018 18:58

Instrument :

BNA_F

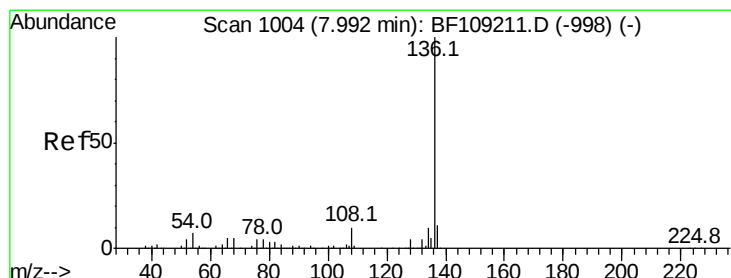
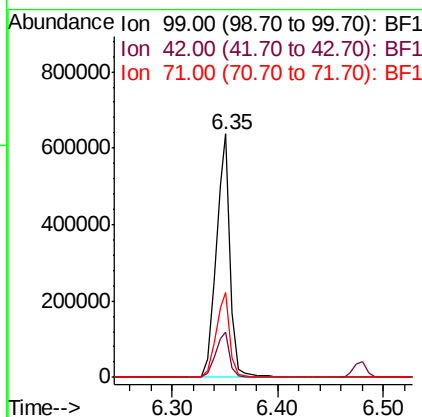
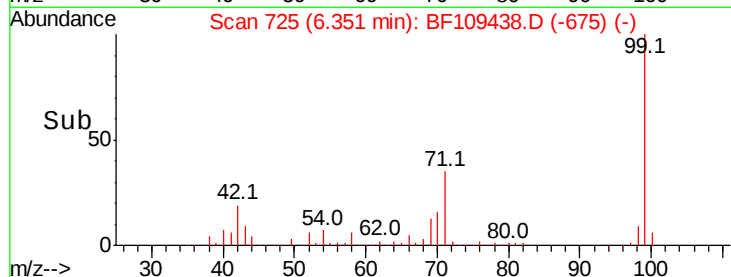
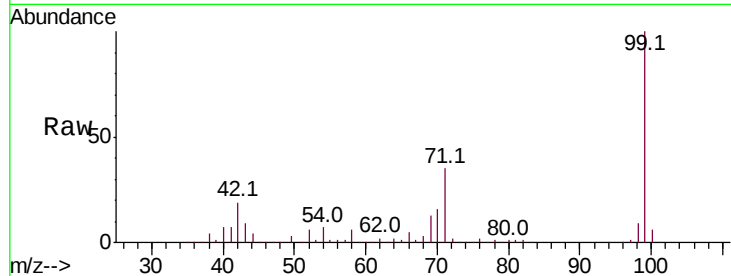
ClientSampleId :

PARCEL-190-092418-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		589071		
42	18.7	14.5	21.7		
71	34.7	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

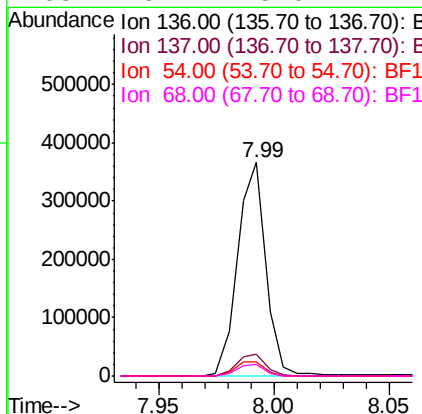
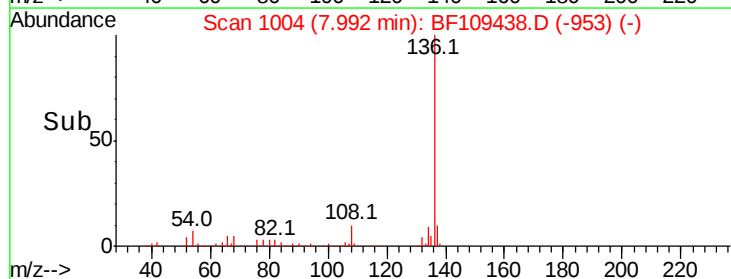
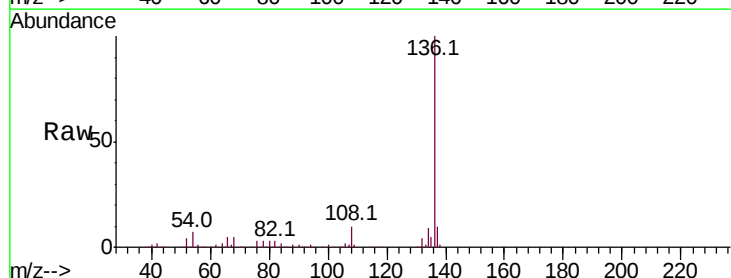
RT: 7.99 min Scan# 1004

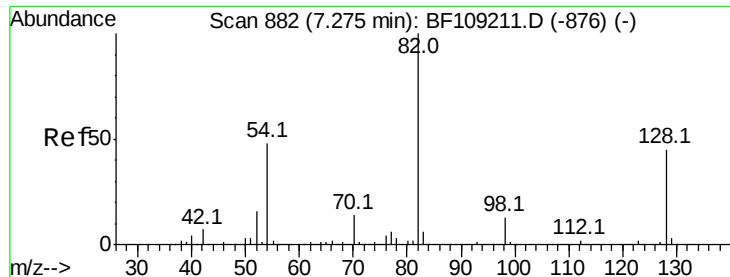
Delta R.T. 0.00 min

Lab File: BF109438.D

Acq: 28 Sep 2018 18:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		314069		
137	10.4	8.9	13.3		
54	6.5	6.6	9.8#		
68	5.2	5.0	7.4		





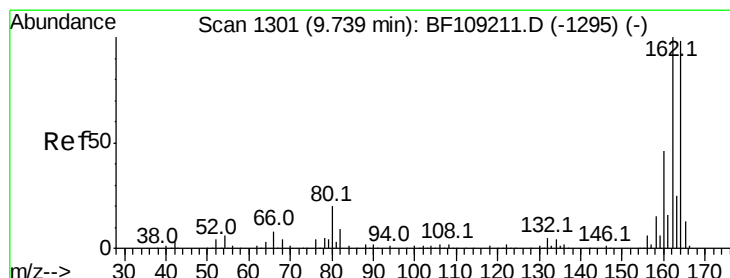
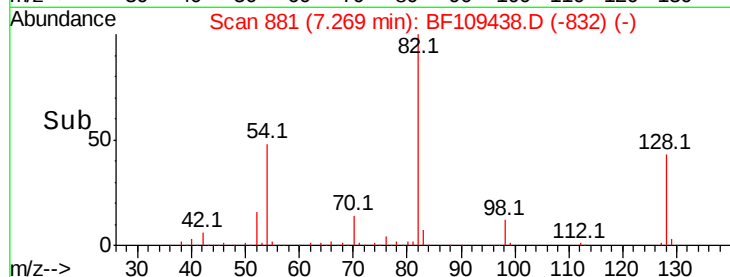
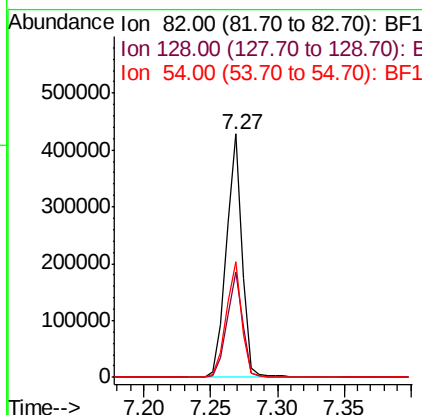
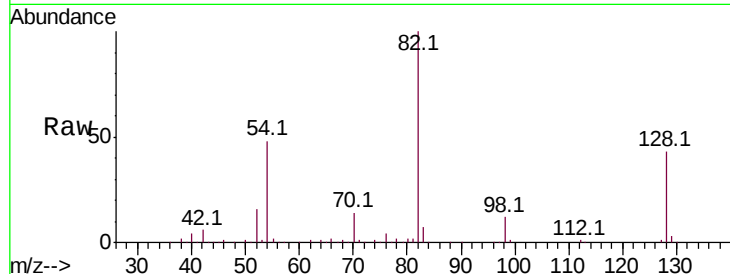
#23
 Nitrobenzene-d5
 Concen: 67.447 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109438.D
 Acq: 28 Sep 2018 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	47.6	41.4	62.2

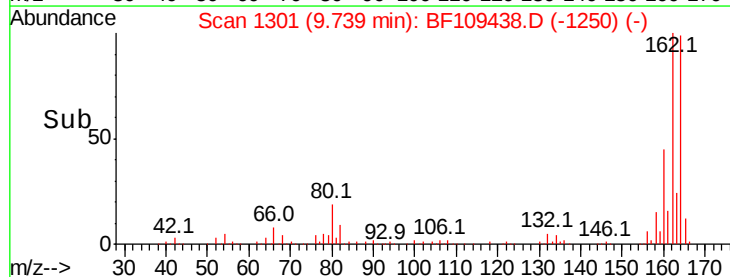
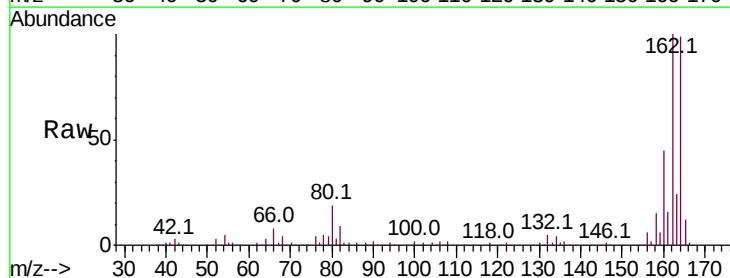
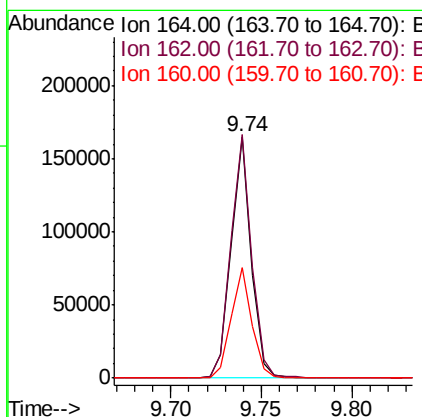
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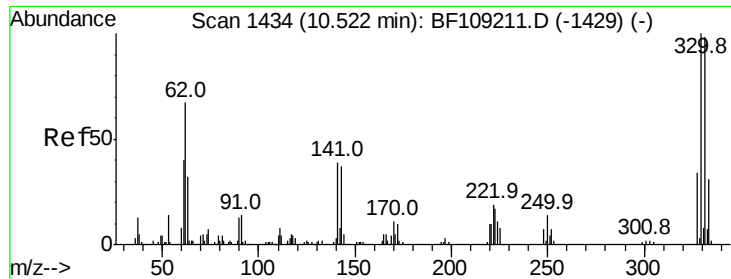
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109438.D
 Acq: 28 Sep 2018 18:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	45.6	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 90.880 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109438.D

Acq: 28 Sep 2018 18:58

Instrument :

BNA_F

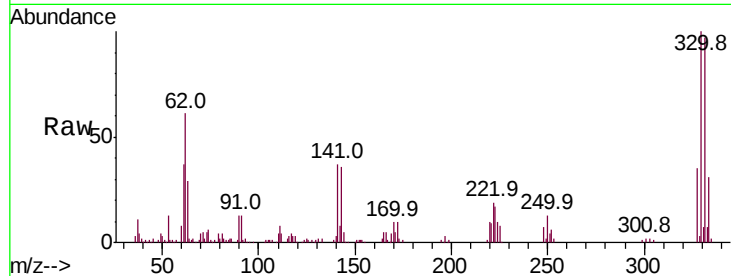
ClientSampleId :

PARCEL-190-092418-2

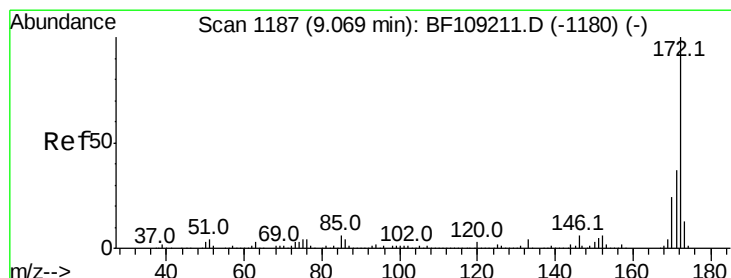
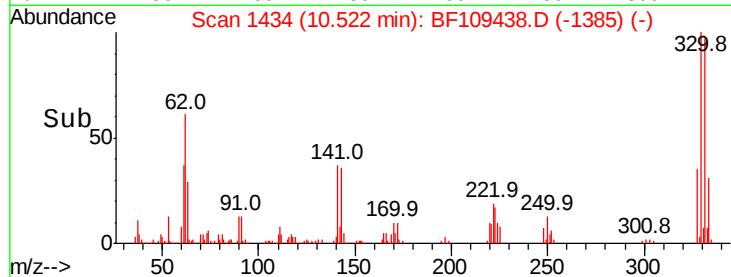
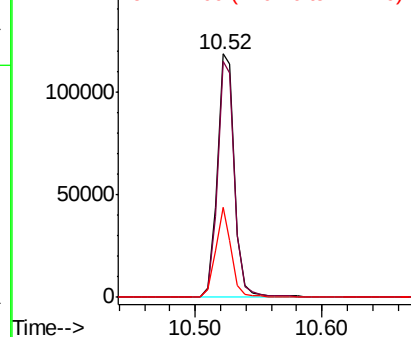
Tot Ion:	330	Resp:	114671
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.0	115.6
141	33.0	29.9	44.9

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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: 65.952 ng

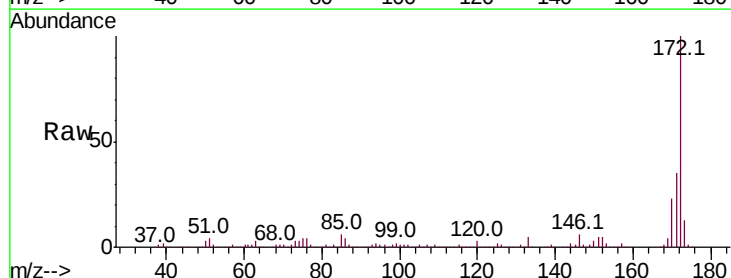
RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

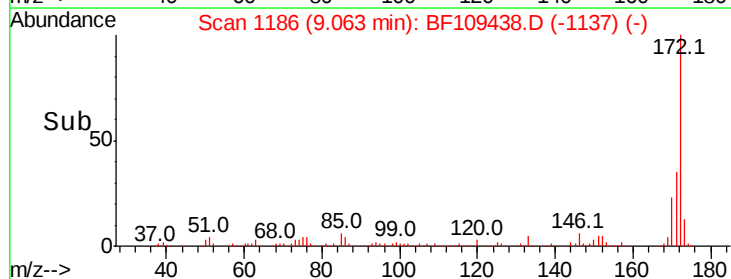
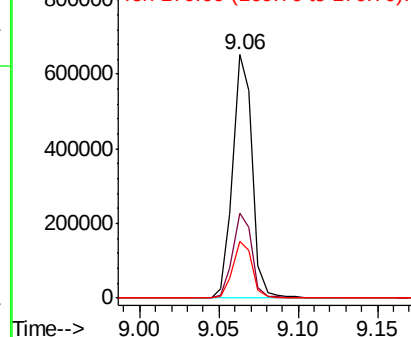
Lab File: BF109438.D

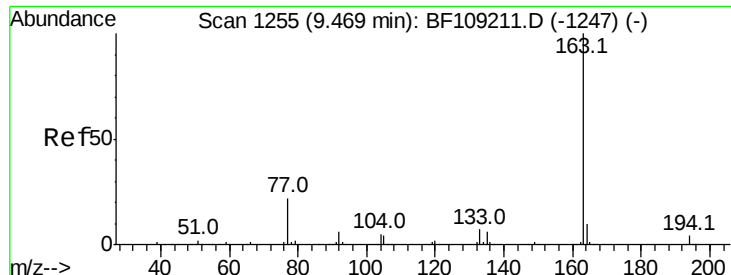
Acq: 28 Sep 2018 18:58

Tgt Ion:	172	Resp:	559723
Ion Ratio	Lower	Upper	
172	100		
171	34.9	29.7	44.5
170	23.2	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





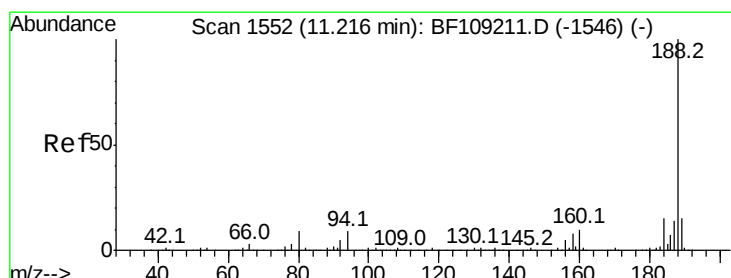
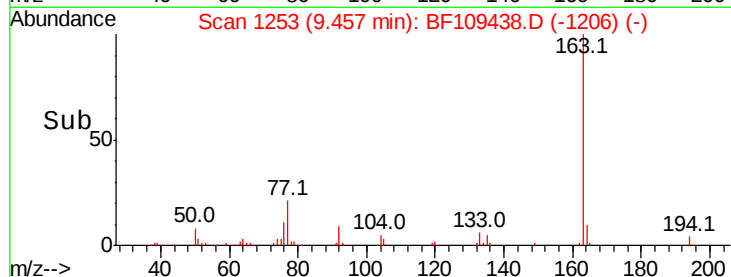
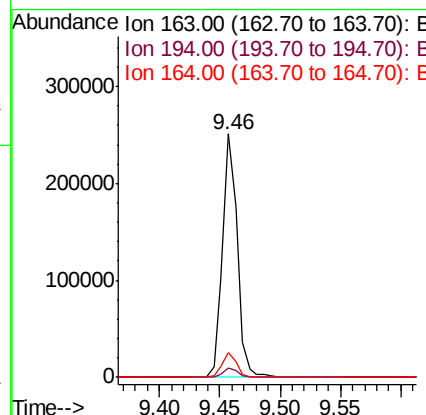
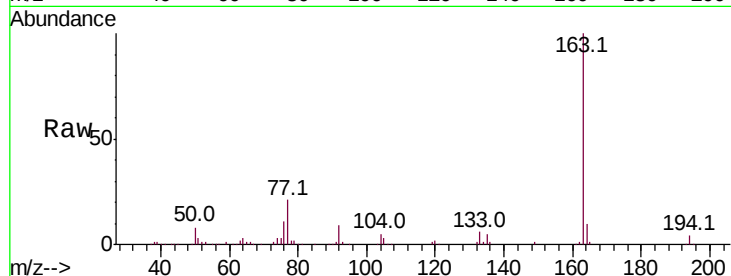
#49
Dimethylphthalate
Concen: 22.499 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109438.D
Acq: 28 Sep 2018 18:58

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	209462		
194	3.6		2.7	4.1
164	10.3		8.2	12.2

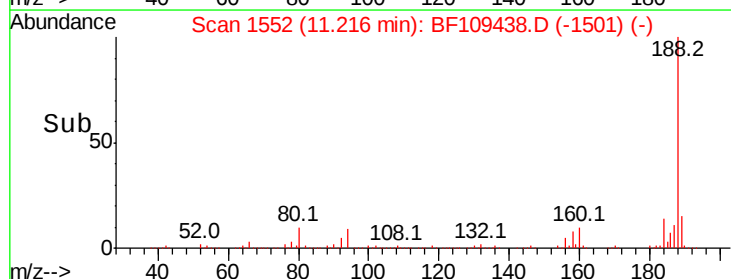
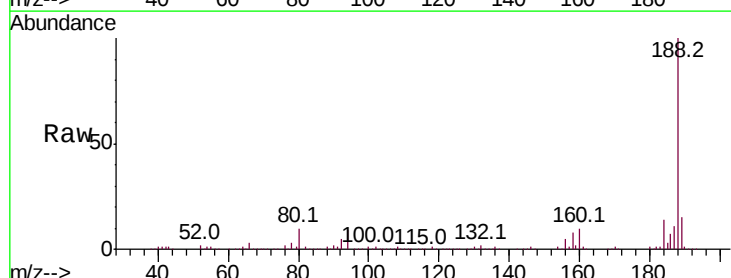
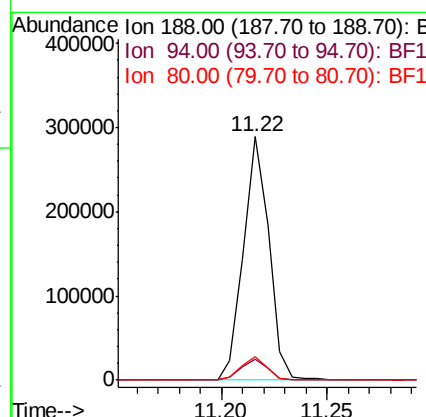
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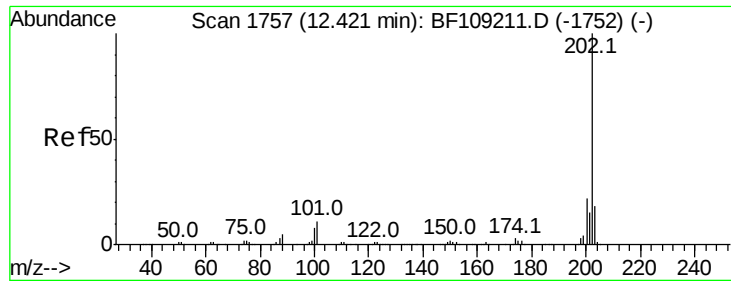
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109438.D
Acq: 28 Sep 2018 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	240894		
94	8.8		8.5	12.7
80	9.9		9.2	13.8





#74

Fluoranthene

Concen: 5.370 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109438.D

Acq: 28 Sep 2018 18:58

Instrument :

BNA_F

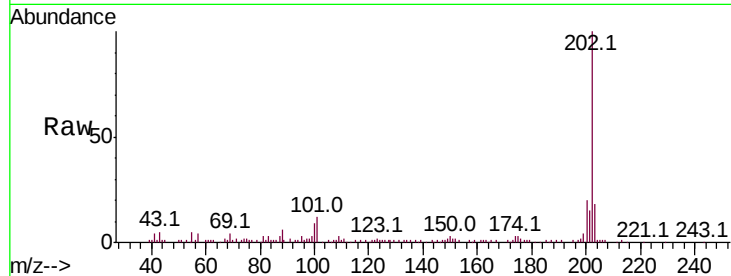
ClientSampleId :

PARCEL-190-092418-2

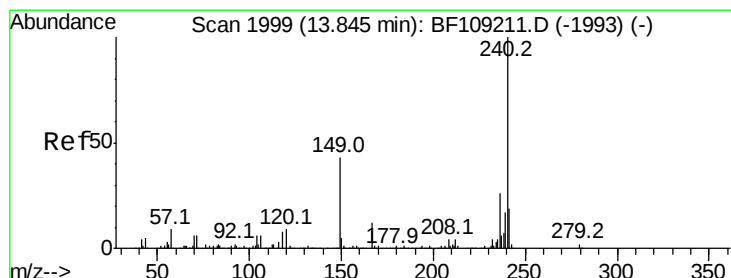
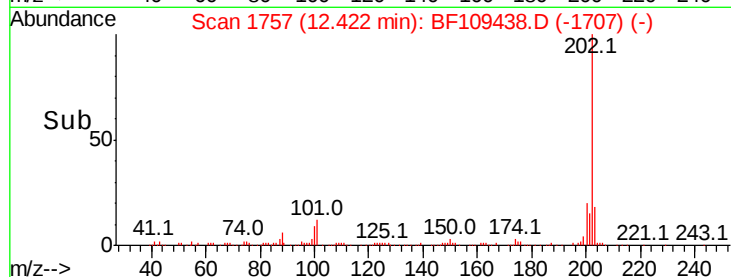
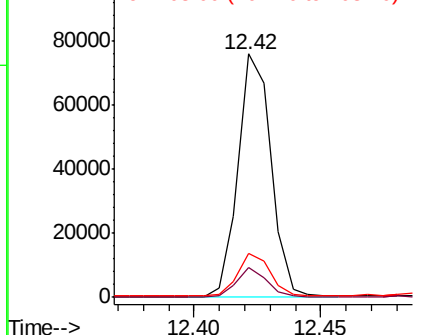
Tot Ion	Ratio	Resp	Lower	Upper
202	100	69030		
101	12.5	0.0	34.1	
203	18.0	0.0	38.1	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

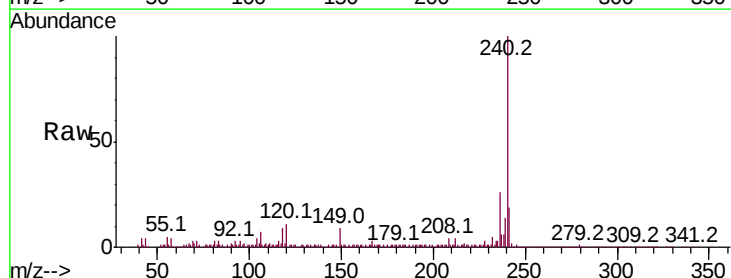
RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

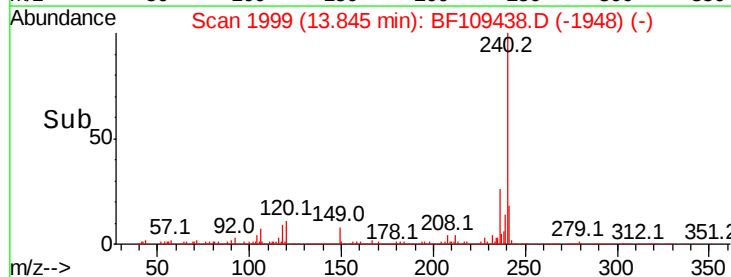
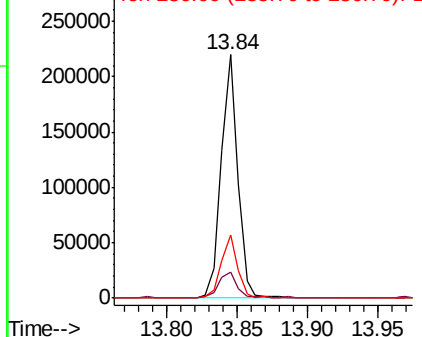
Lab File: BF109438.D

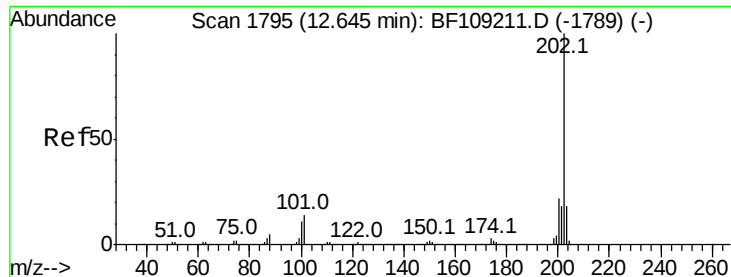
Acq: 28 Sep 2018 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	178055		
120	10.9	9.5	14.3	
236	26.1	20.7	31.1	



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





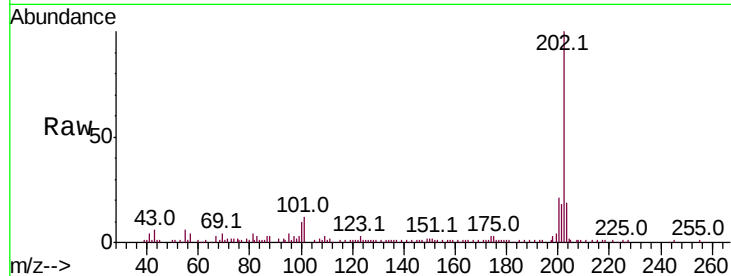
#77
Pvrene
Concen: 4.481 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109438.D
Acq: 28 Sep 2018 18:58

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2

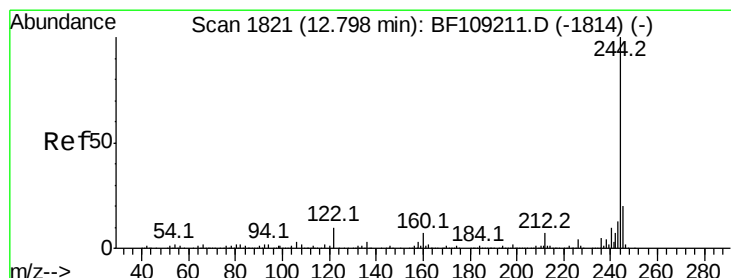
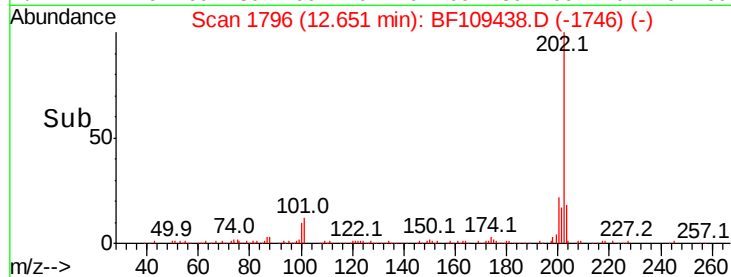
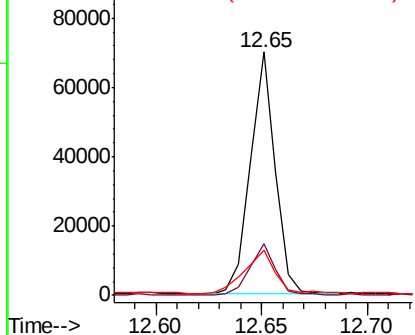
Tot Ion:202	Resp:	57181
Ion Ratio	Lower	Upper
202 100		
200 21.4	17.4	26.2
203 18.6	14.3	21.5

Manual Integrations
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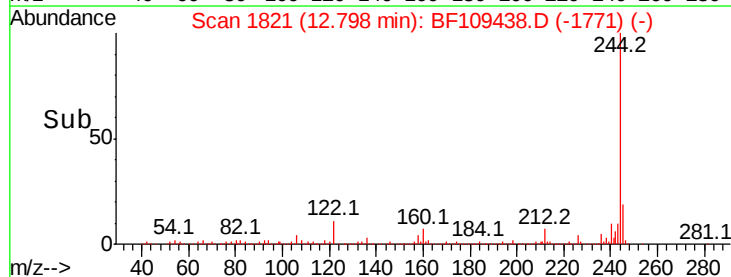
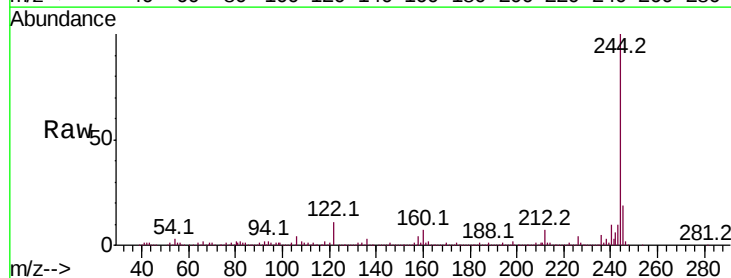
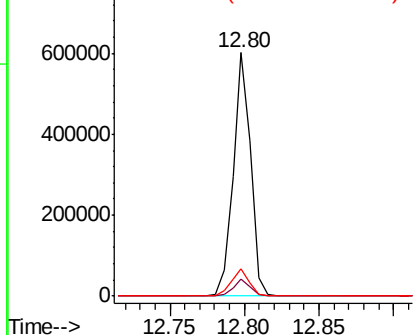
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

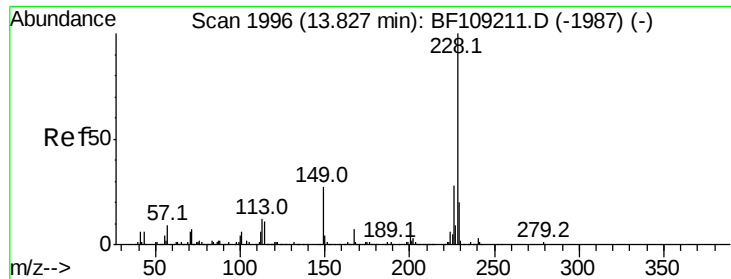


#78
Terphenyl-d14
Concen: 68.466 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109438.D
Acq: 28 Sep 2018 18:58

Tgt Ion:244	Resp:	496734
Ion Ratio	Lower	Upper
244 100		
212 6.9	5.4	8.0
122 11.0	11.0	16.4

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





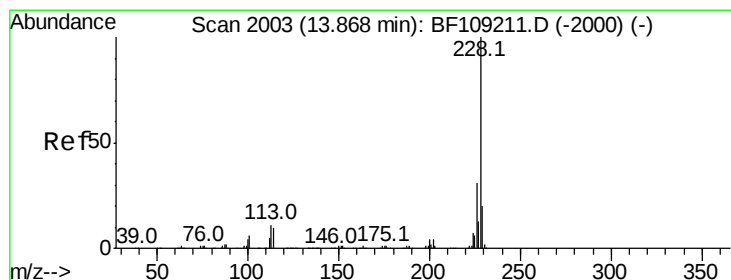
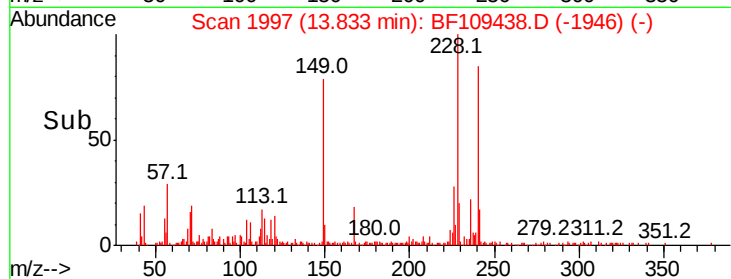
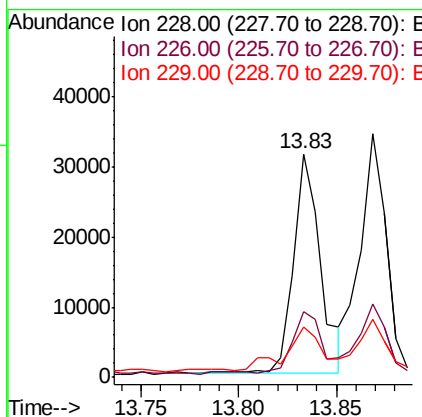
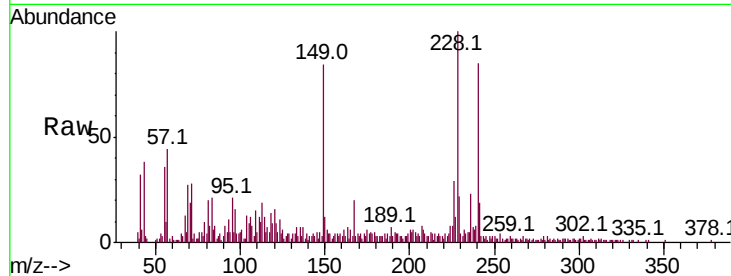
#80
Benzo(a)anthracene
Concen: 2.817 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109438.D
Acq: 28 Sep 2018 18:58

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2

Tot Ion	Ratio	Resp	Lower	Upper
228	100	30216		
226	29.3		22.6	33.8
229	22.5		15.8	23.6

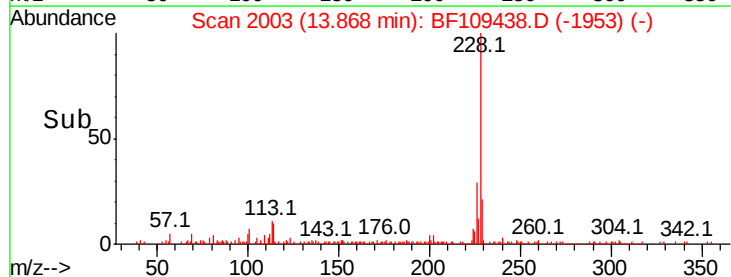
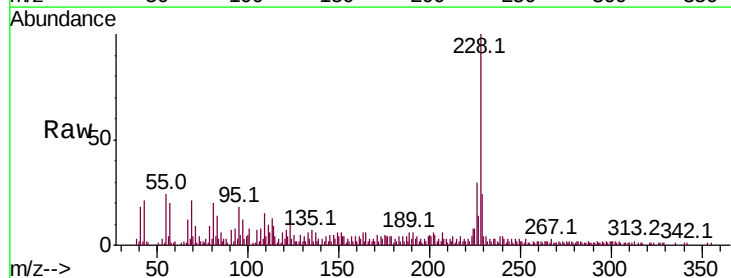
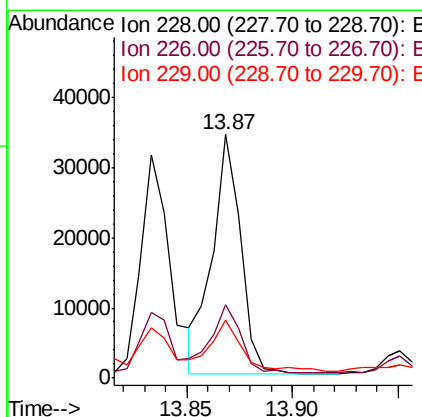
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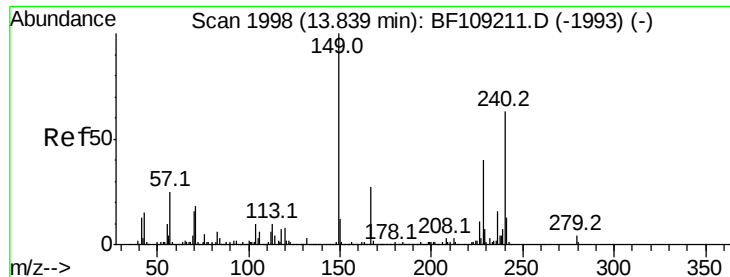
Sohil
10/1/2018 4:20:00 PM



#82
Chrysene
Concen: 3.029 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF109438.D
Acq: 28 Sep 2018 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	32197		
226	30.3		25.0	37.6
229	23.7		16.2	24.4





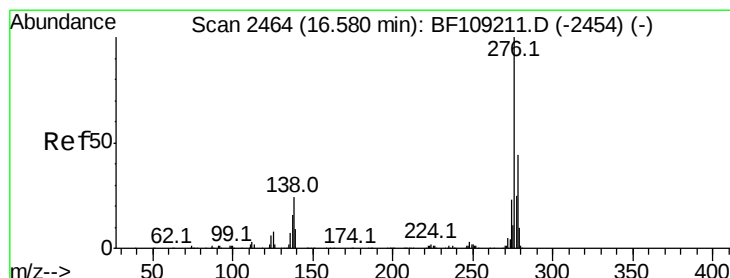
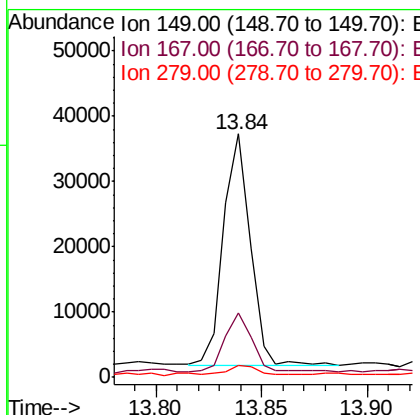
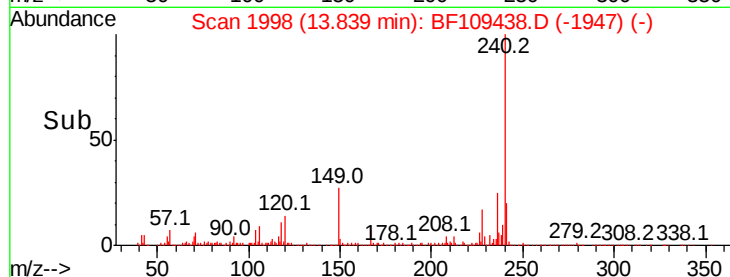
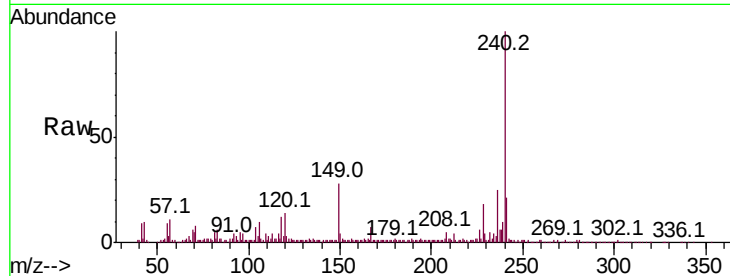
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.580 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF109438.D
 Acq: 28 Sep 2018 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	4.9	3.0	4.4#

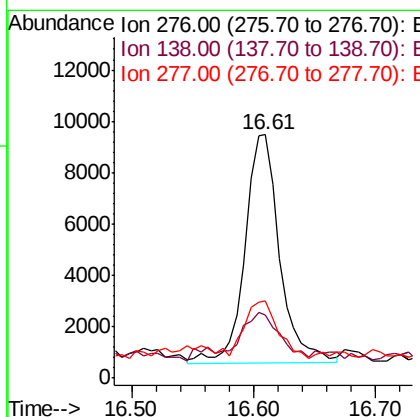
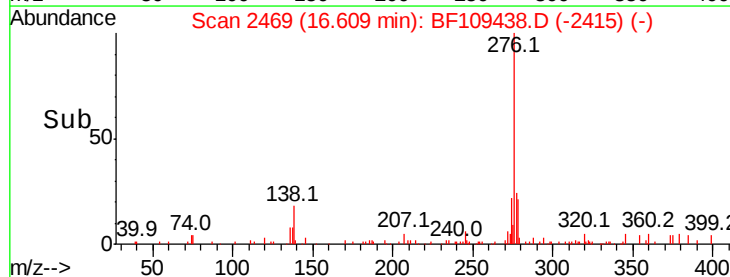
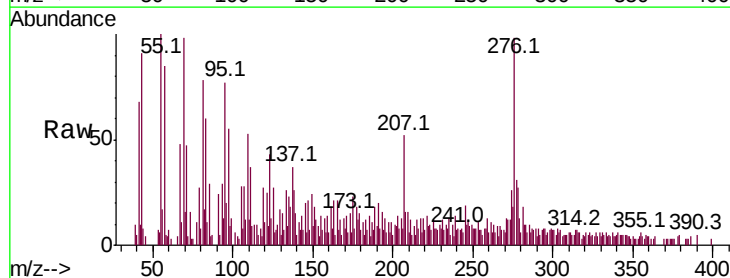
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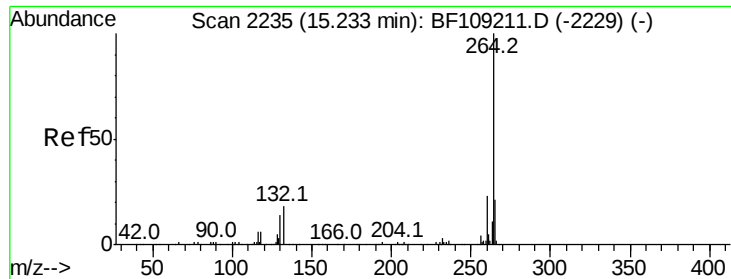
Sohil
 10/1/2018 4:20:00 PM



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.042 ng m
 RT: 16.61 min Scan# 2469
 Delta R.T. 0.02 min
 Lab File: BF109438.D
 Acq: 28 Sep 2018 18:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.6	25.0	37.6#
277	1.4	20.1	30.1#





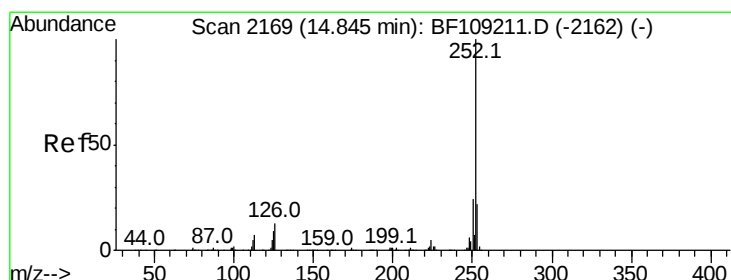
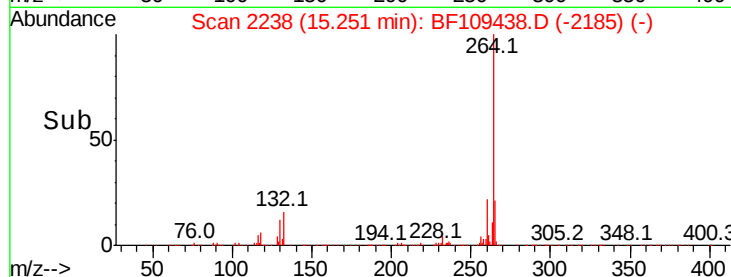
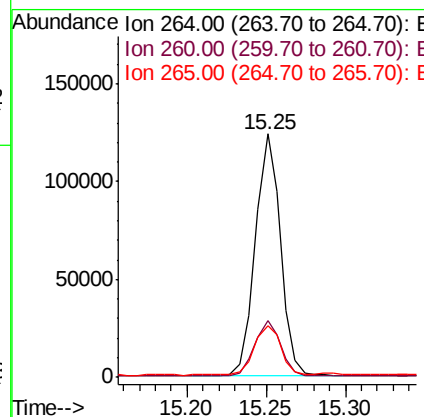
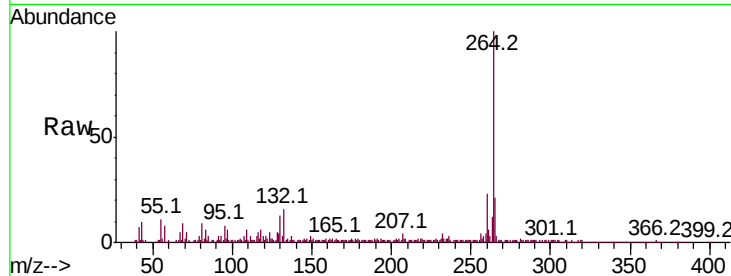
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: BF109438.D
 Acq: 28 Sep 2018 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.5	26.3

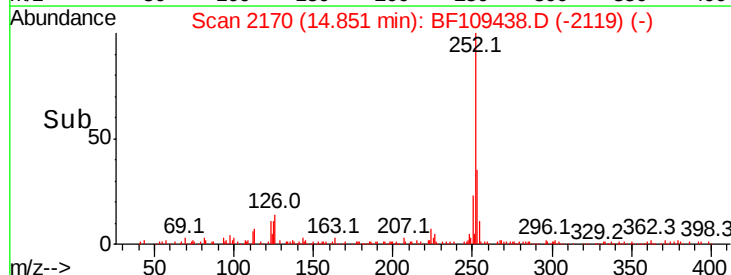
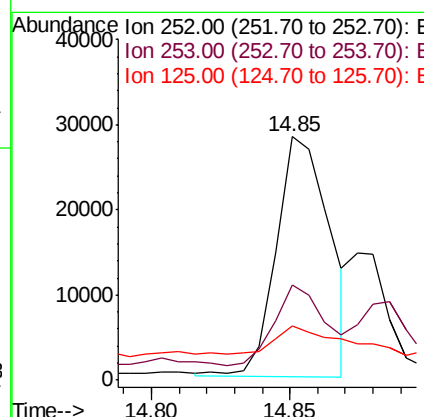
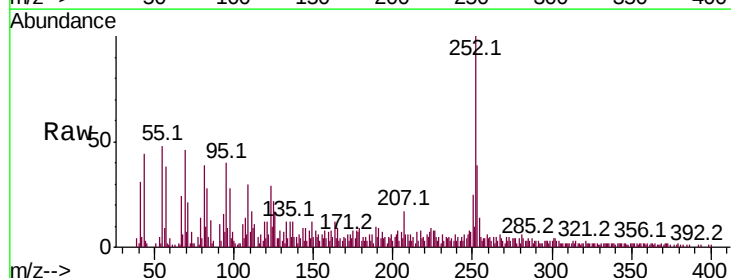
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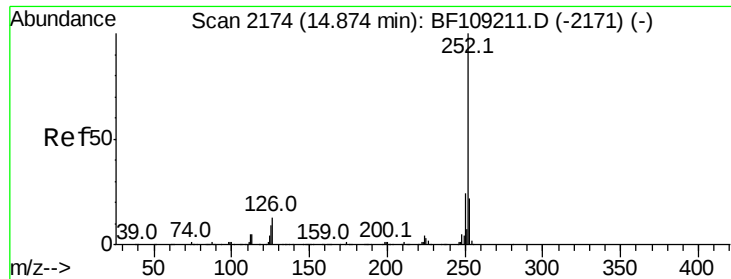
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 10/1/2018 4:20:00 PM



#87
 Benzo(b)fluoranthene
 Concen: 5.023 ng m
 RT: 14.85 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: BF109438.D
 Acq: 28 Sep 2018 18:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.8	17.0	25.6#
125	22.1	9.0	13.6#





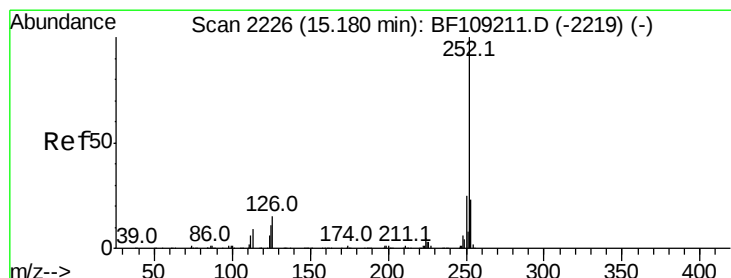
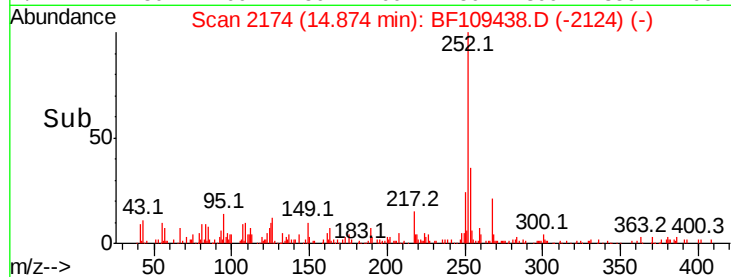
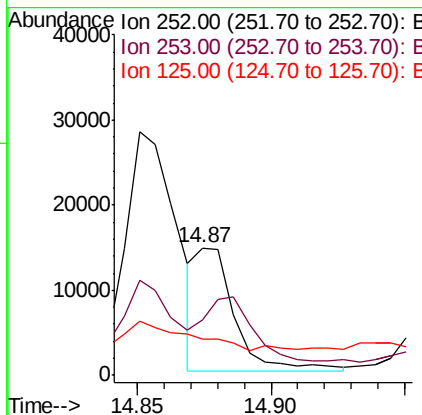
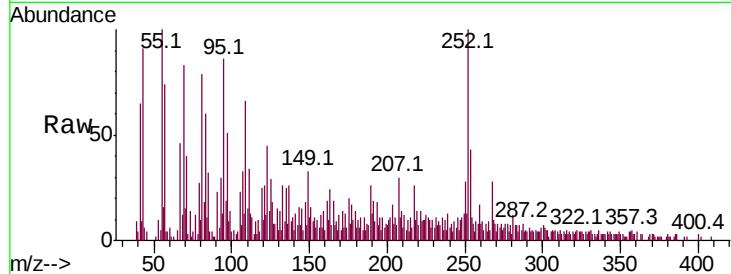
#88
Benzo(k)fluoranthene
Concen: 2.089 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF109438.D
Acq: 28 Sep 2018 18:58

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	43.5	17.9	26.9#
125	29.0	10.2	15.2#

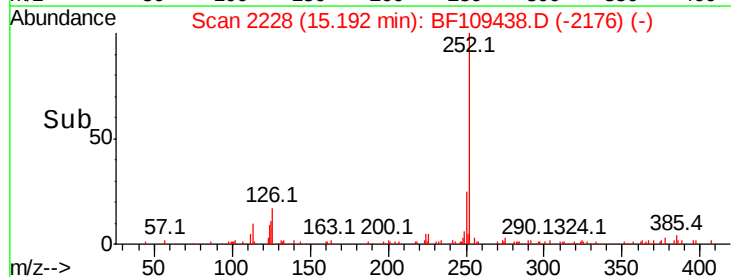
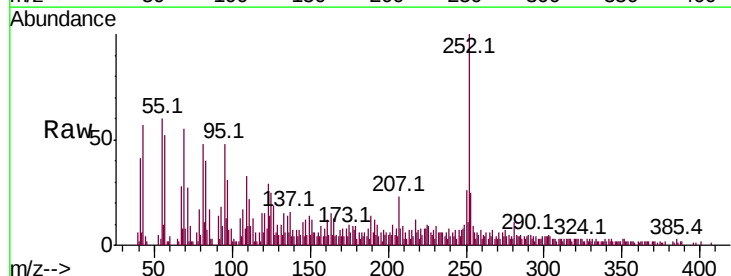
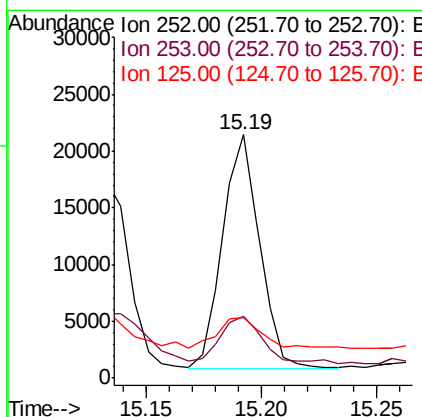
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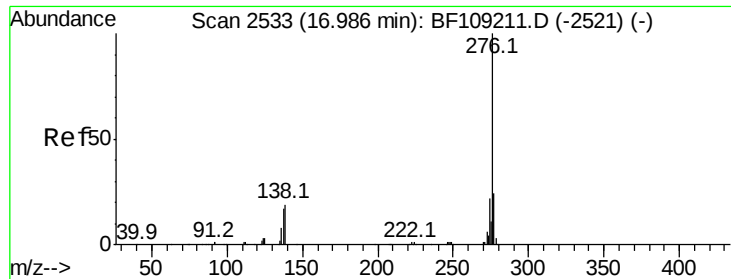
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#89
Benzo(a)pyrene
Concen: 3.394 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109438.D
Acq: 28 Sep 2018 18:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.1	25.7
125	24.9	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 3.232 ng
 RT: 17.01 min Scan# 2537
 Delta R.T. 0.01 min
 Lab File: BF109438.D
 Acq: 28 Sep 2018 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2

Tot Ion:	276	Resp:	17671
Ion Ratio	Lower	Upper	
276	100		
277	26.3	17.9	26.9
138	28.2	21.8	32.8

Manual Integrations
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 10/1/2018 4:20:00 PM

