

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109437.D
 Acq On : 28 Sep 2018 18:32
 Operator : JU/SJ
 Sample : J5077-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-1

Manual Integrations
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Sohil
 10/1/2018 9:57:09 AM

Quant Time: Sep 29 02:22:59 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	99506	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	329610	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	129790	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	241265	20.00	ng	0.00
75) Chrysene-d12	13.84	240	191376	20.00	ng	0.00
86) Perylene-d12	15.25	264	141289	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	439941	72.82	ng	0.00
7) Phenol-d6	6.35	99	535479	69.46	ng	-0.01
23) Nitrobenzene-d5	7.27	82	322883	57.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	99023	77.39	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	461634	53.64	ng	-0.01
78) Terphenyl-d14	12.80	244	412767	52.93	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	181746	19.253	ng	99
74) Fluoranthene	12.42	202	66288	5.149	ng	98
77) Pyrene	12.65	202	55367	4.037	ng	98
80) Benzo(a)anthracene	13.83	228	26943	2.337	ng	98
82) Chrysene	13.87	228	33528	2.935	ng	94
87) Benzo(b)fluoranthene	14.85	252	39757m	5.121	ng	
89) Benzo(a)pyrene	15.19	252	22165	3.168	ng	# 80
91) Benzo(g,h,i)perylene	17.01	276	17365	3.079	ng	# 88

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

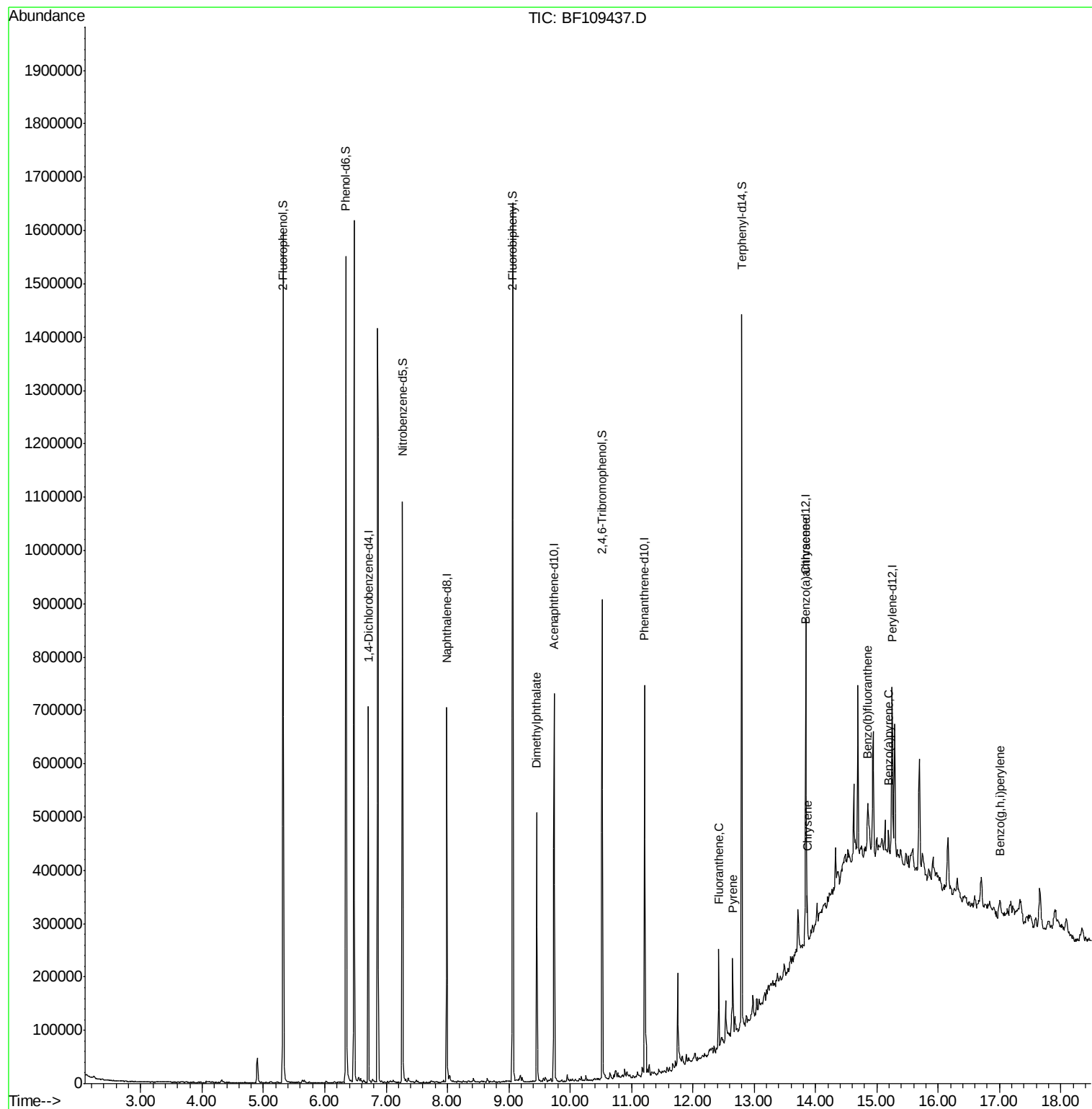
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109437.D
Acq On : 28 Sep 2018 18:32
Operator : JU/SJ
Sample : J5077-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

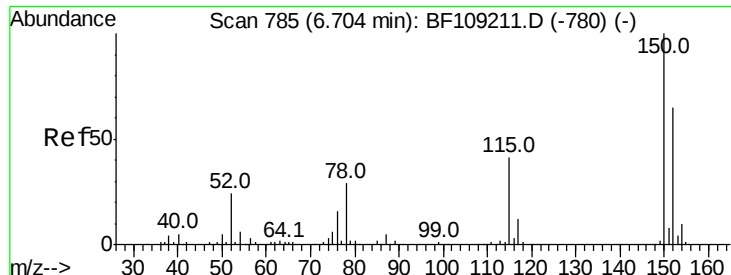
Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-1

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10/1/2018 9:57:09 AM

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#1

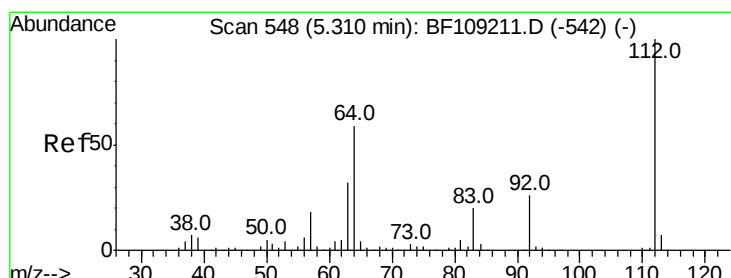
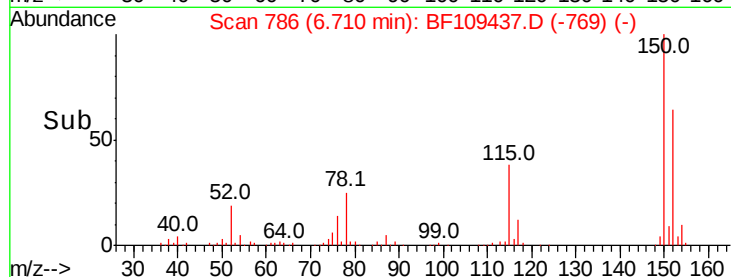
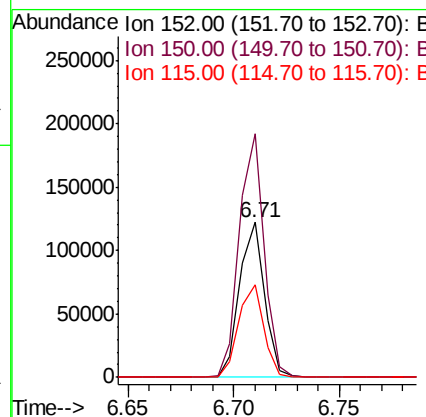
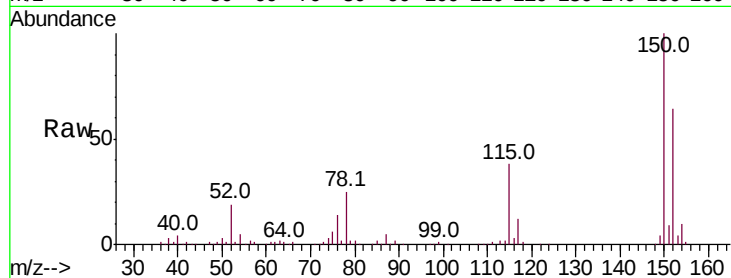
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109437.D
Acq: 28 Sep 2018 18:32

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	59.6	50.1	75.1

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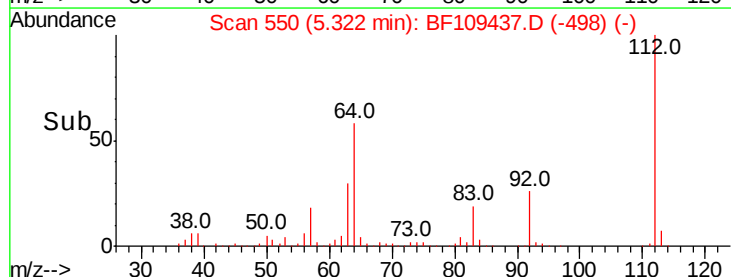
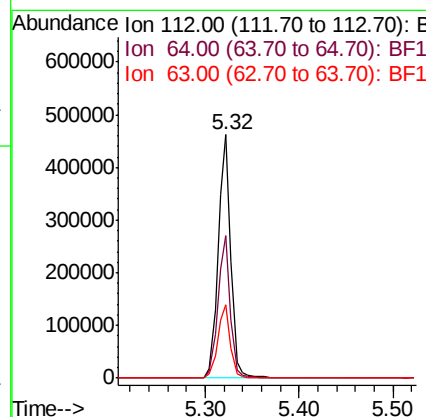
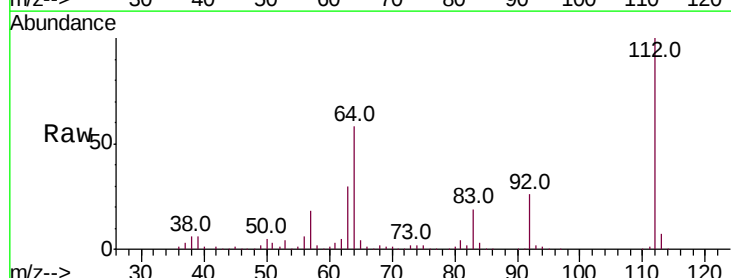
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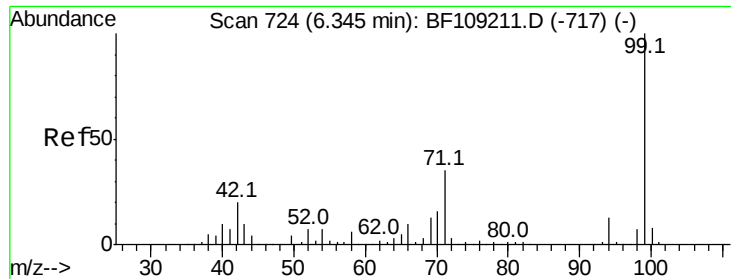


#5

2-Fluorophenol
Concen: 72.821 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109437.D
Acq: 28 Sep 2018 18:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	30.2	23.7	35.5





#7

Phenol-d6

Concen: 69.461 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109437.D

Acq: 28 Sep 2018 18:32

Instrument :

BNA_F

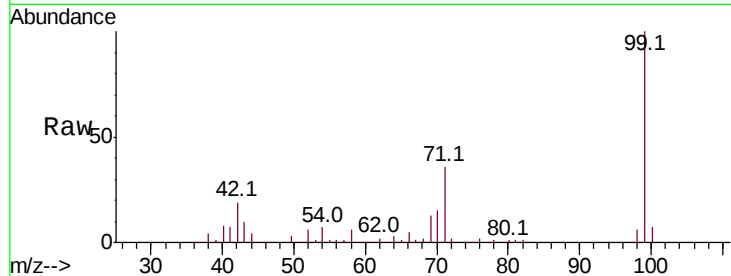
ClientSampleId :

PARCEL-190-092418-1

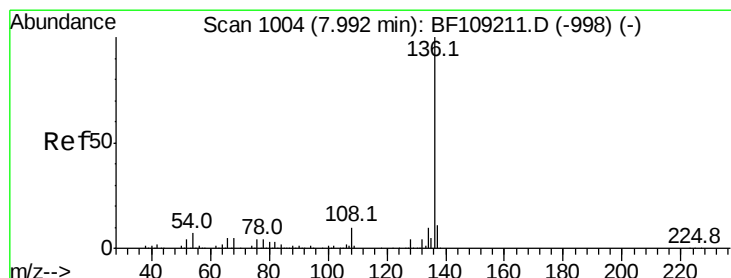
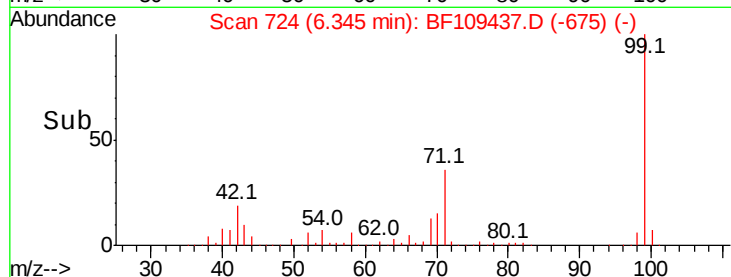
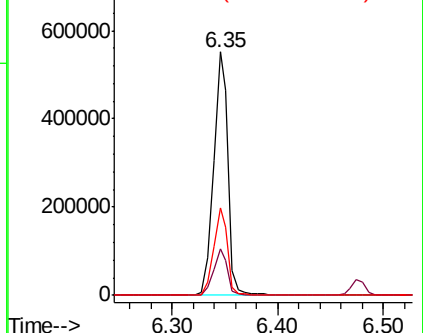
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		535479		
42	19.3	14.5	21.7		
71	35.7	25.4	38.0		

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

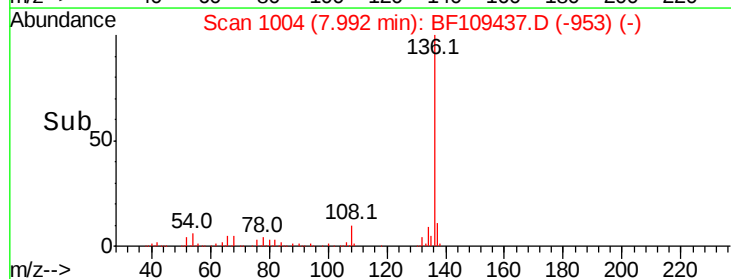
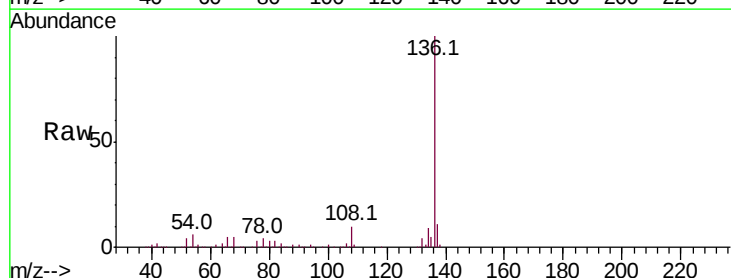
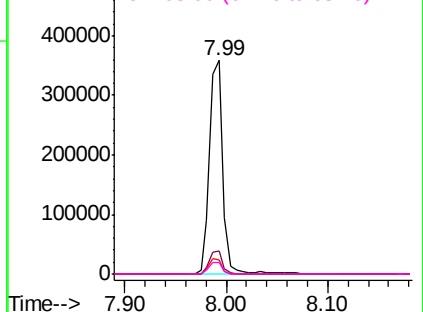
Delta R.T. 0.00 min

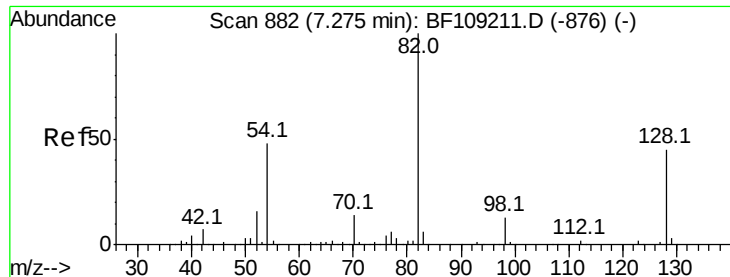
Lab File: BF109437.D

Acq: 28 Sep 2018 18:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		329610		
137	10.5	8.9	13.3		
54	6.4	6.6	9.8		
68	5.2	5.0	7.4		

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





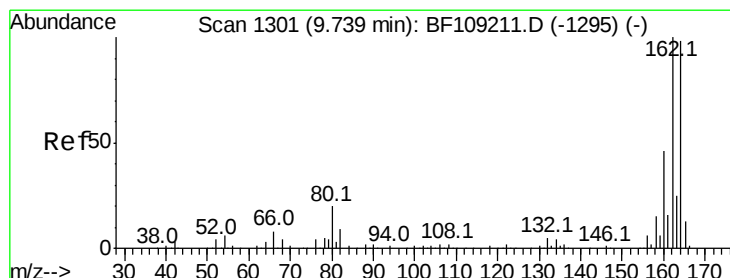
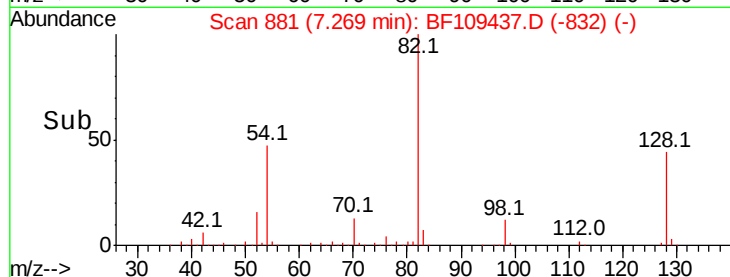
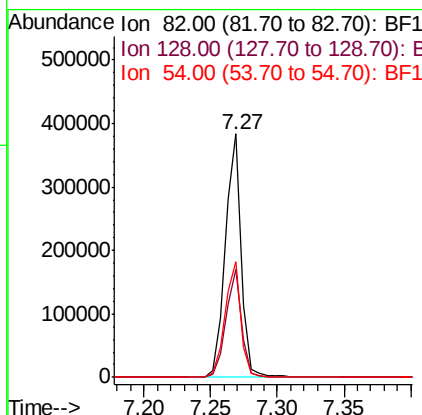
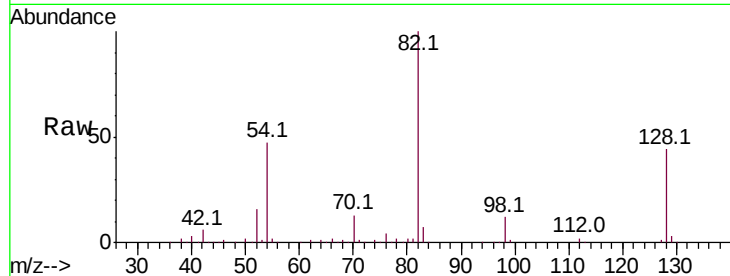
#23
Nitrobenzene-d5
Concen: 57.827 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109437.D
Acq: 28 Sep 2018 18:32

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	47.3	41.4	62.2

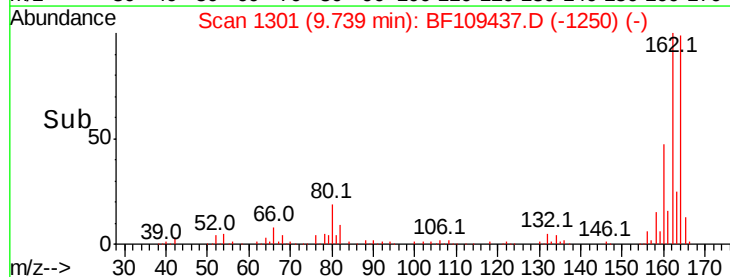
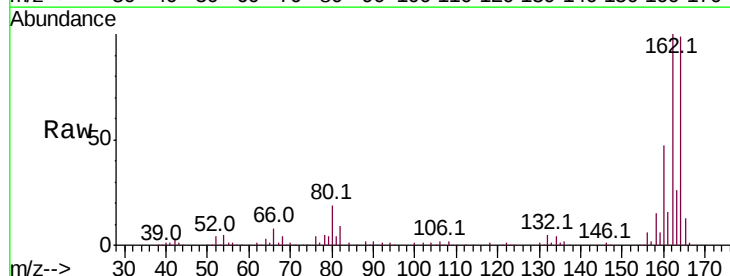
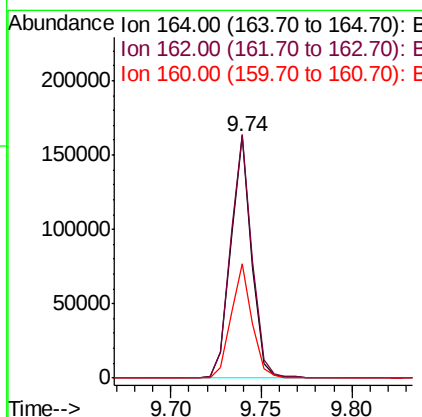
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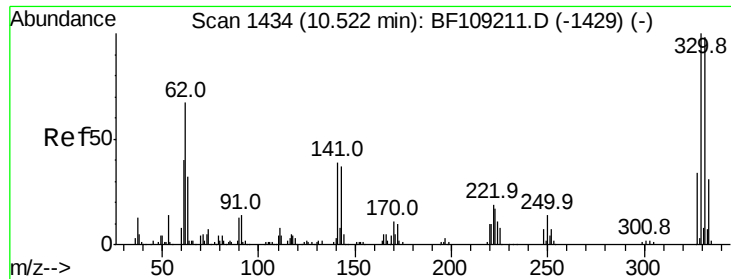
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109437.D
Acq: 28 Sep 2018 18:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	86.1	129.1
160	47.0	38.3	57.5





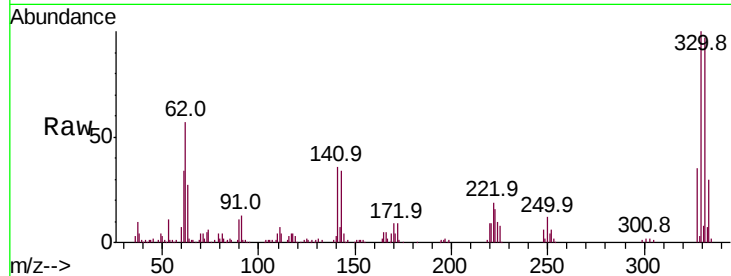
#41
 2,4,6-Tribromophenol
 Concen: 77.394 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109437.D
 Acq: 28 Sep 2018 18:32

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	32.8	29.9	44.9

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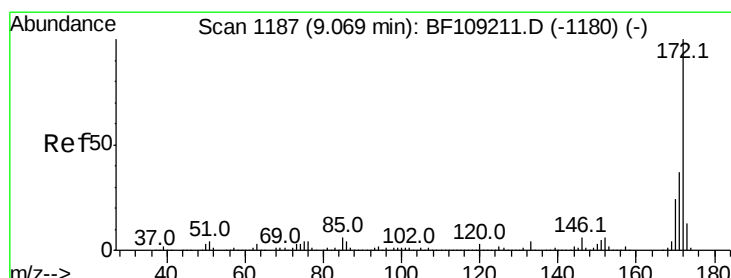
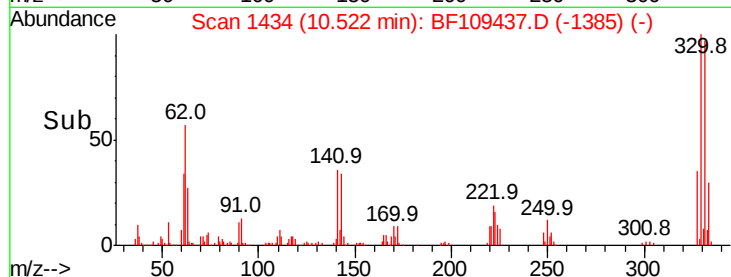
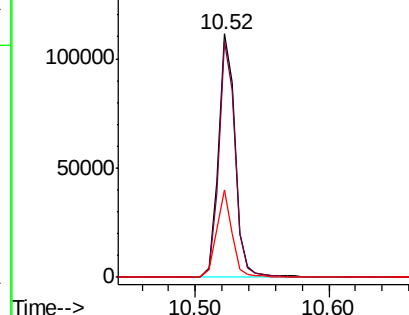


Abundance

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: 53.643 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109437.D
 Acq: 28 Sep 2018 18:32

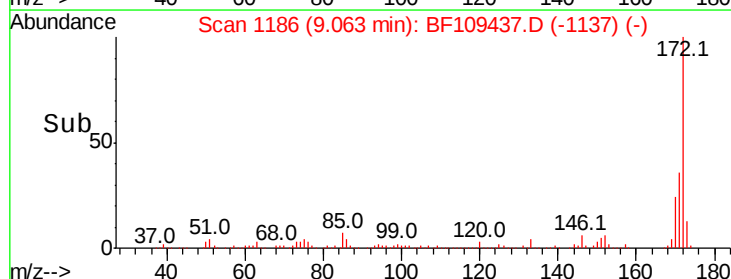
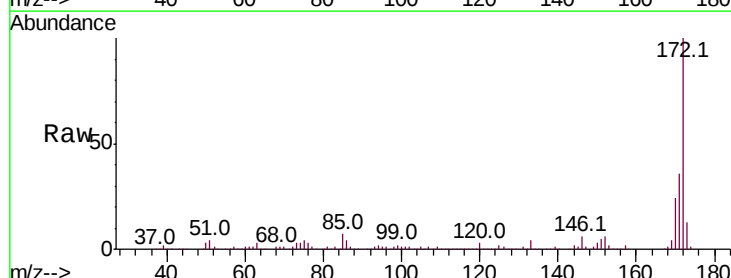
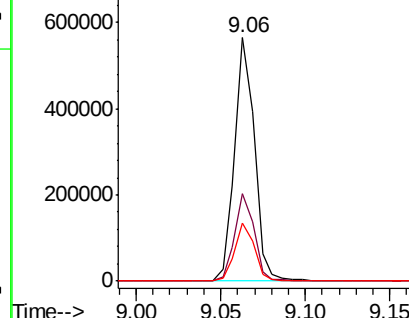
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	19.6	29.4

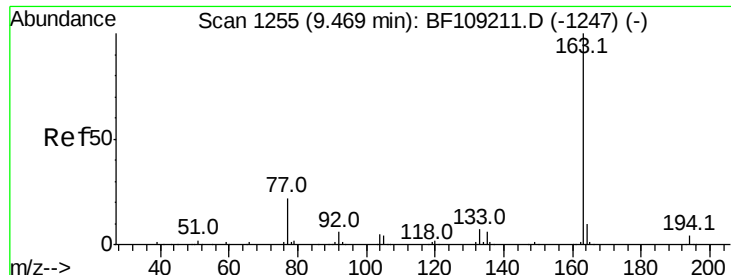
Abundance

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





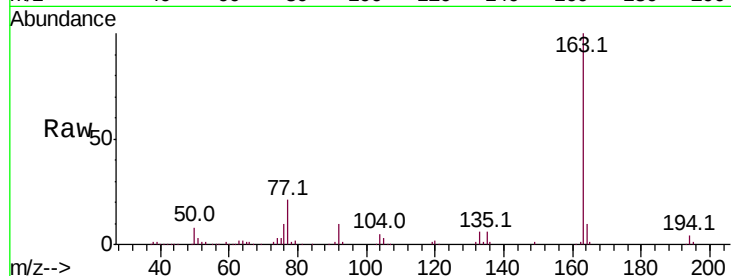
#49
Dimethylphthalate
Concen: 19.253 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109437.D
Acq: 28 Sep 2018 18:32

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-1

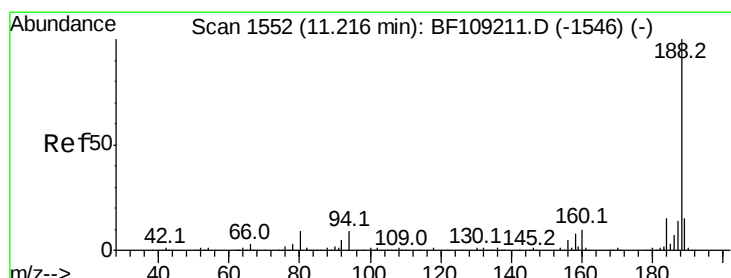
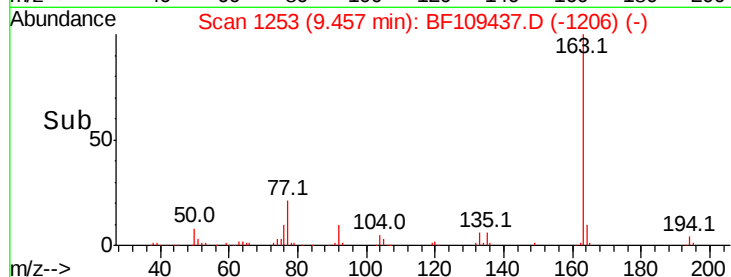
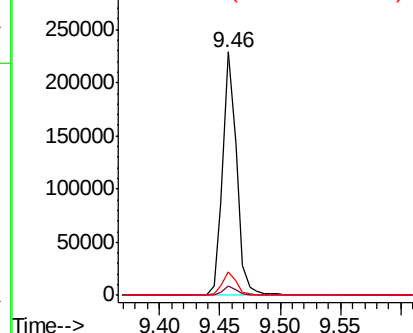
Tot Ion	Ratio	Resp	Lower	Upper
163	100	181746		
194	3.8	2.7	4.1	
164	9.8	8.2	12.2	

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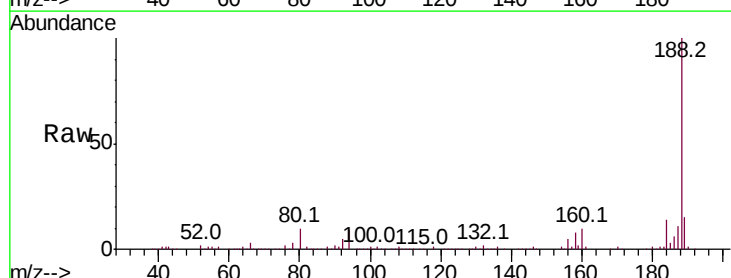


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

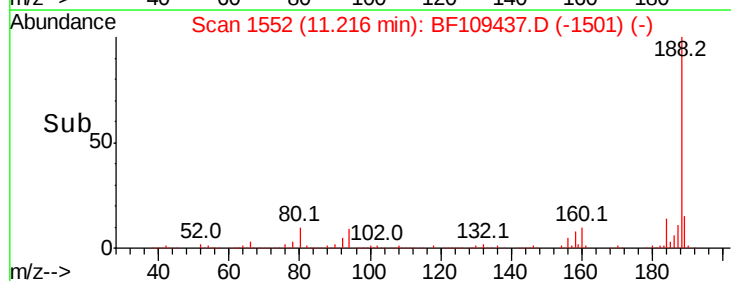
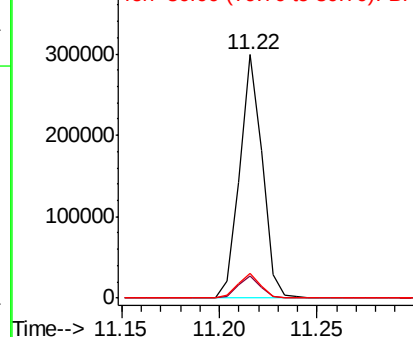


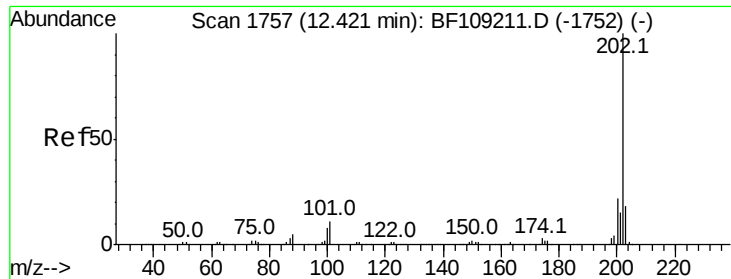
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109437.D
Acq: 28 Sep 2018 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	241265		
94	9.2	8.5	12.7	
80	10.3	9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 5.149 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109437.D

Acq: 28 Sep 2018 18:32

Instrument :

BNA_F

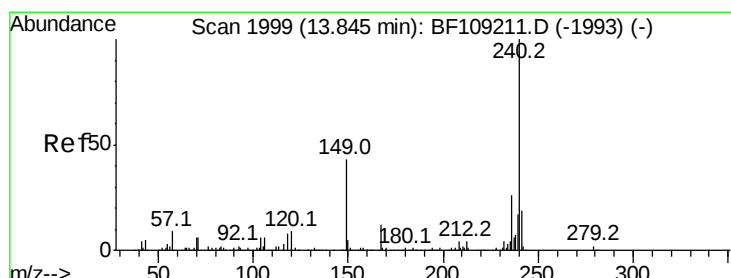
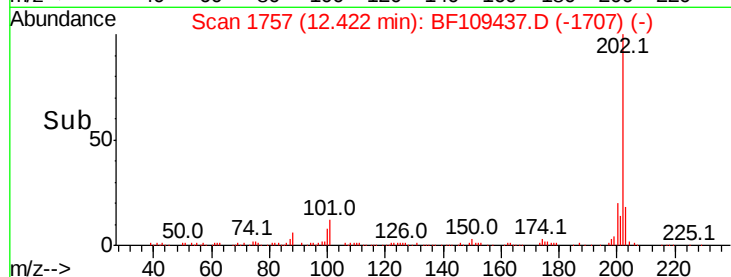
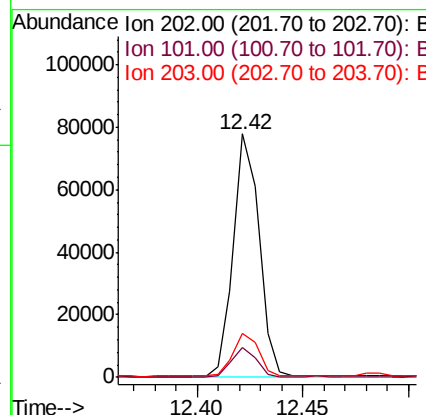
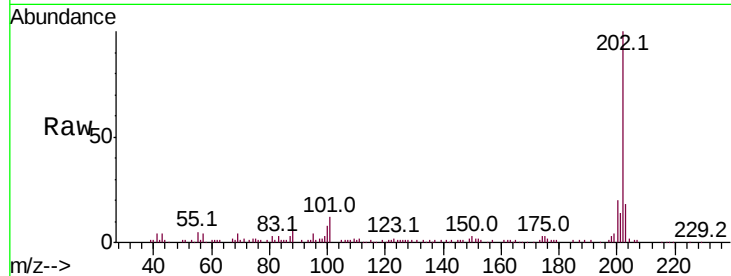
ClientSampleId :

PARCEL-190-092418-1

Tot Ion:	202	Resp:	66288
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	34.1
203	17.9	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

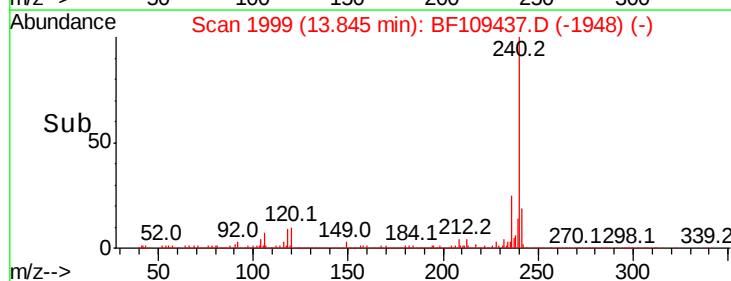
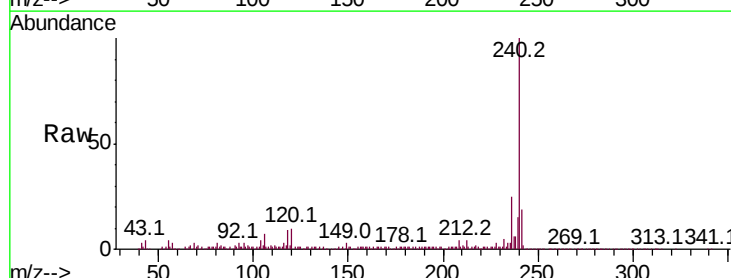
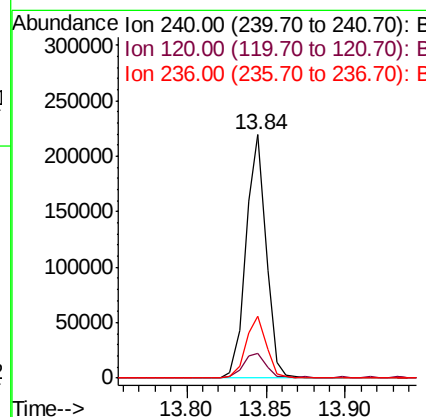
RT: 13.84 min Scan# 1999

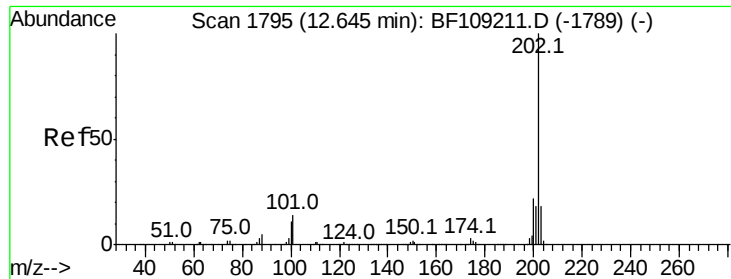
Delta R.T. 0.00 min

Lab File: BF109437.D

Acq: 28 Sep 2018 18:32

Tgt Ion:	240	Resp:	191376
Ion Ratio	Lower	Upper	
240	100		
120	10.3	9.5	14.3
236	25.2	20.7	31.1





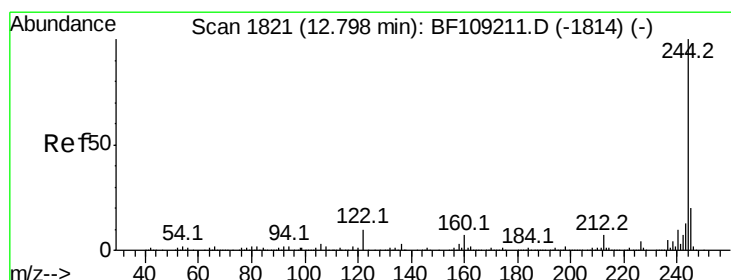
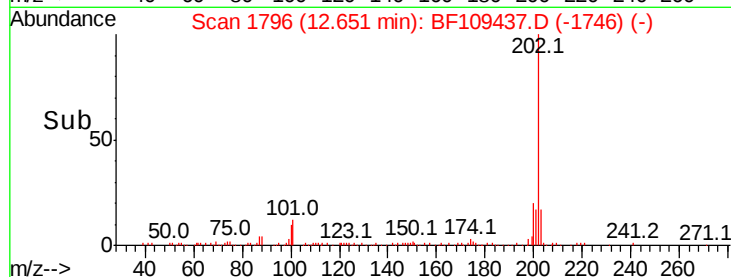
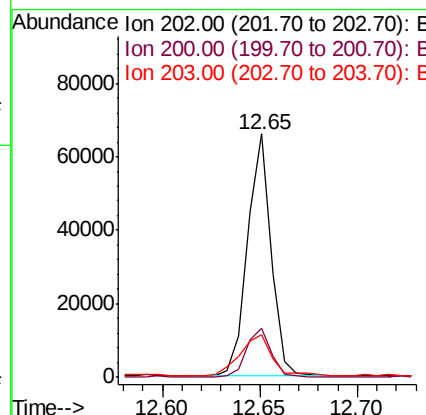
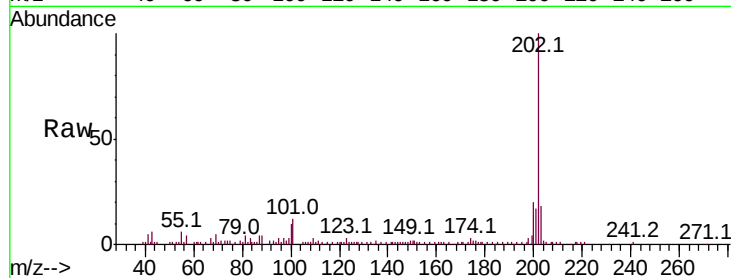
#77
Pvrene
Concen: 4.037 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109437.D
Acq: 28 Sep 2018 18:32

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	17.7	14.3	21.5

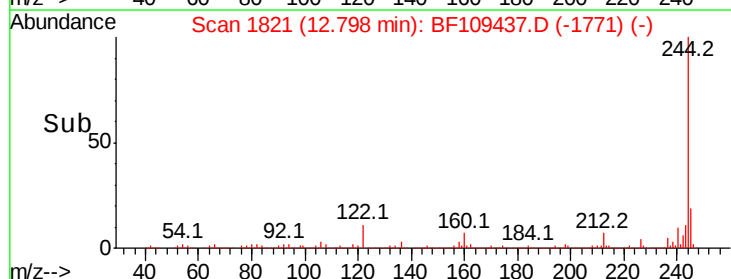
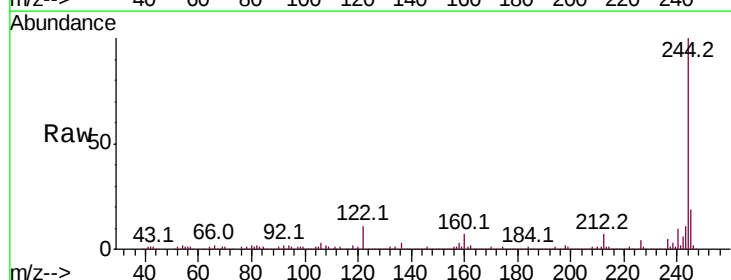
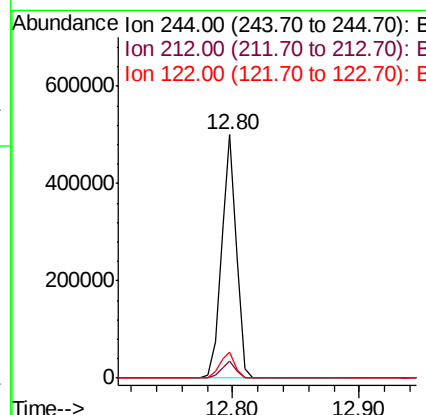
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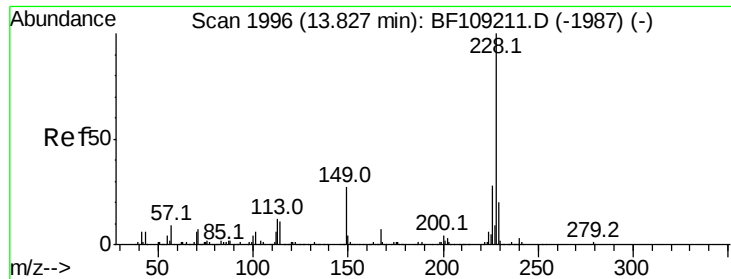
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10/1/2018 9:57:09 AM



#78
Terphenyl-d14
Concen: 52.932 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109437.D
Acq: 28 Sep 2018 18:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.9	11.0	16.4#





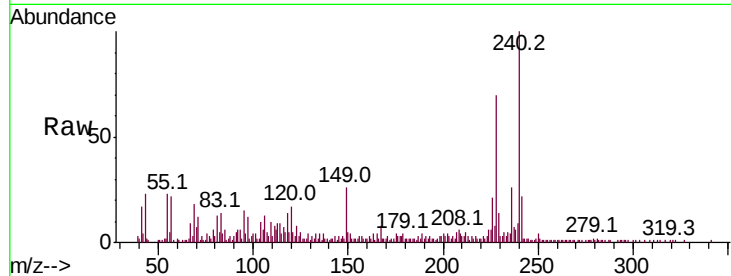
#80
Benzo(a)anthracene
Concen: 2.337 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109437.D
Acq: 28 Sep 2018 18:32

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	20.3	15.8	23.6

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10/1/2018 9:57:09 AM

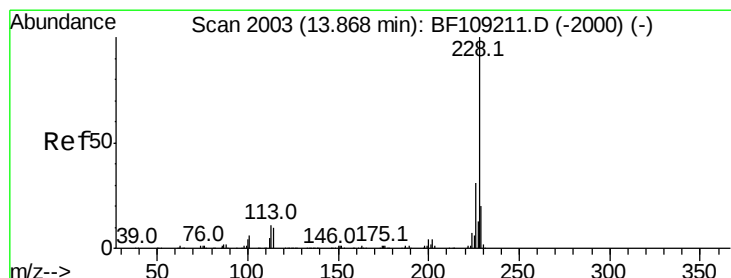
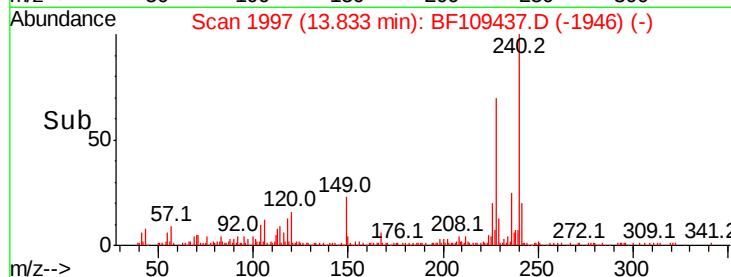
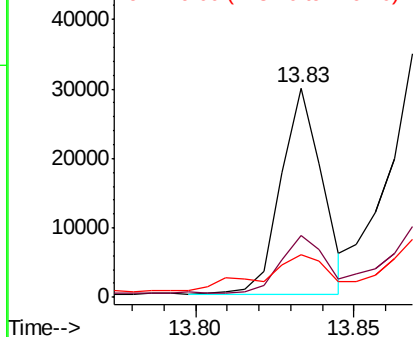


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
Chrysene
Concen: 2.935 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF109437.D
Acq: 28 Sep 2018 18:32

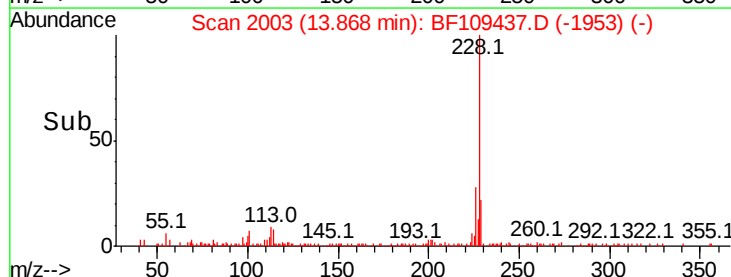
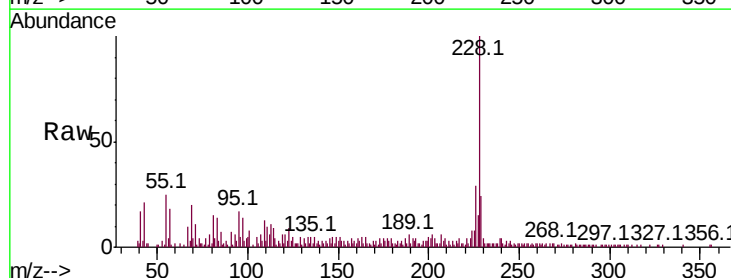
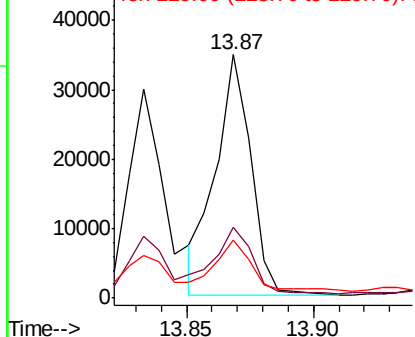
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	23.9	16.2	24.4

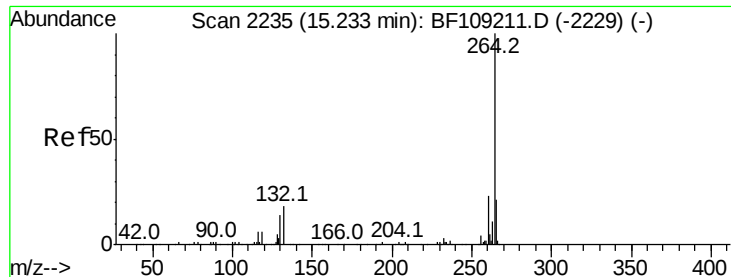
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





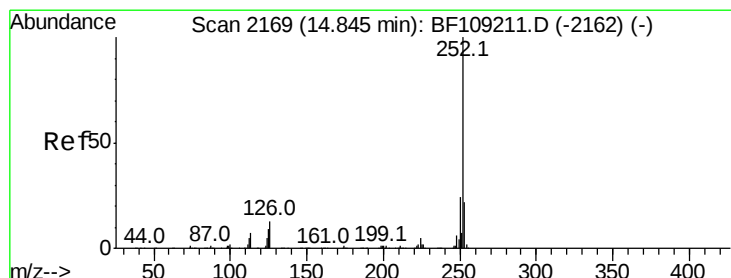
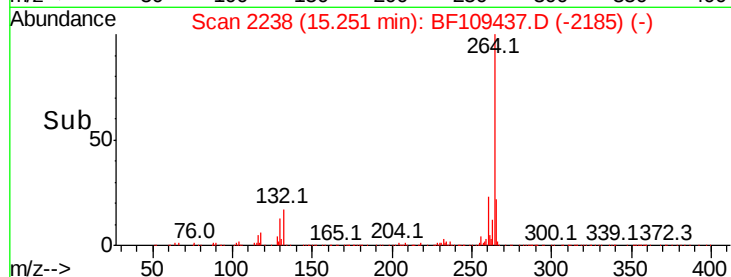
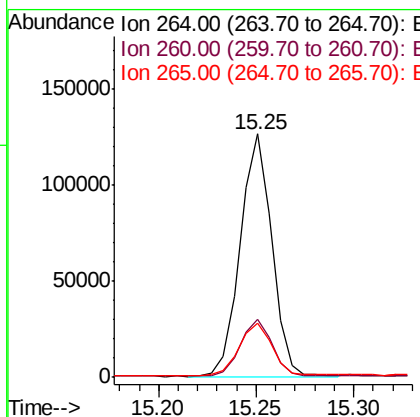
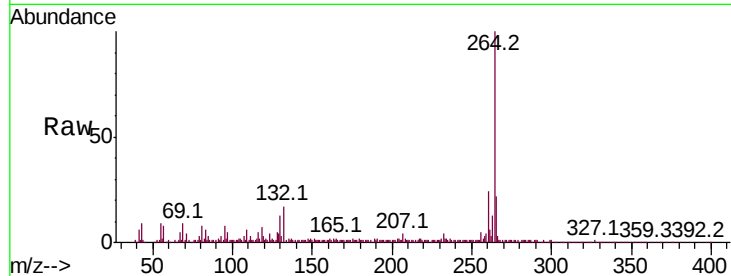
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109437.D
Acq: 28 Sep 2018 18:32

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.2	17.5	26.3

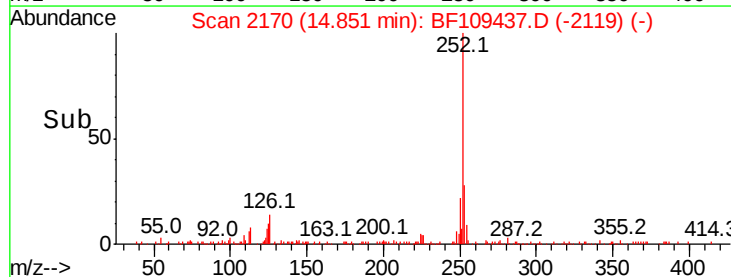
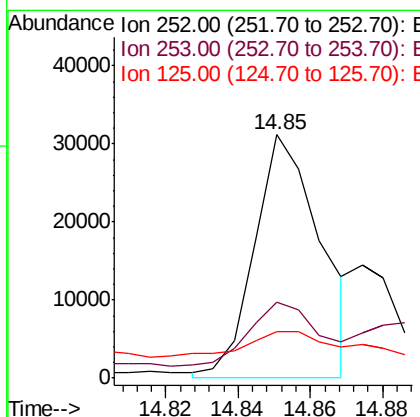
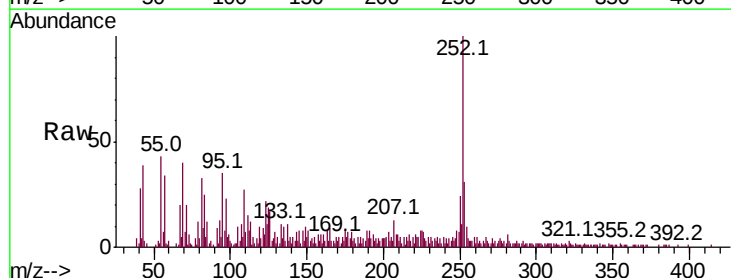
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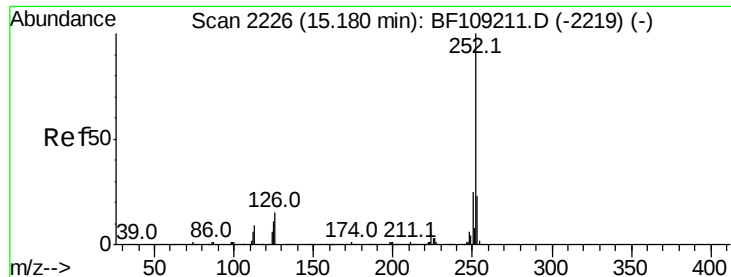
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10/1/2018 9:57:09 AM



#87
Benzo(b)fluoranthene
Concen: 5.121 ng m
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109437.D
Acq: 28 Sep 2018 18:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.0	17.0	25.6#
125	19.4	9.0	13.6#





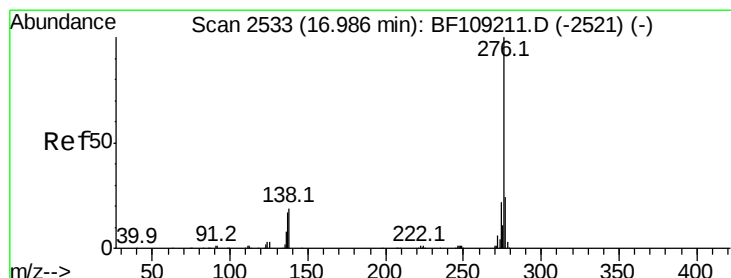
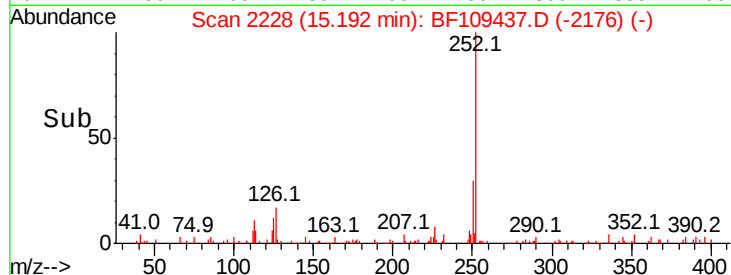
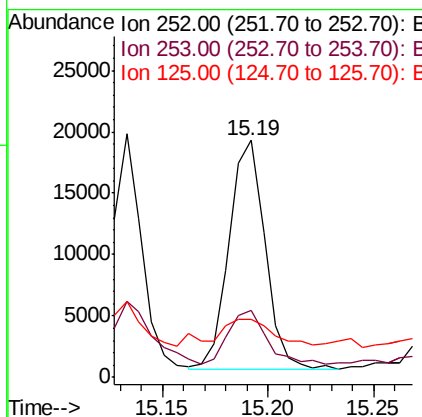
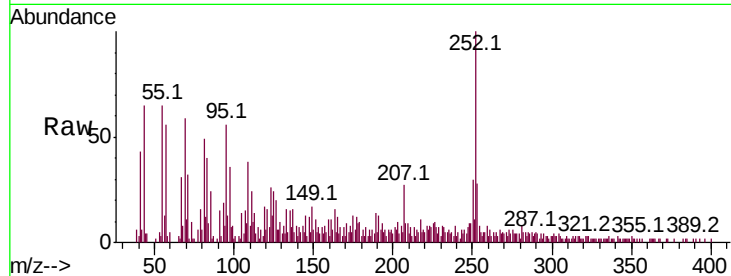
#89
Benzo(a)pyrene
Concen: 3.168 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109437.D
Acq: 28 Sep 2018 18:32

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.1	25.7#
125	24.2	9.8	14.6#

Manual Integrations
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10/1/2018 9:57:09 AM



#91
Benzo(g,h,i)perylene
Concen: 3.079 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF109437.D
Acq: 28 Sep 2018 18:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.5	17.9	26.9#
138	23.2	21.8	32.8

