

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109396.D
 Acq On : 27 Sep 2018 19:16
 Operator : JU/SJ
 Sample : J5077-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-186-092418-1

Manual Integrations
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 9/28/2018 2:40:00 PM

Quant Time: Sep 28 05:28:03 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	6.70	152	101973	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	394191	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	182634	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	306252	20.00	ng	0.00
75) Chrysene-d12	13.84	240	261440	20.00	ng	0.00
86) Perylene-d12	15.24	264	269248	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	431545	69.70	ng	0.00
7) Phenol-d6	6.35	99	550675	69.70	ng	-0.01
23) Nitrobenzene-d5	7.26	82	348792	52.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	118861	66.02	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	612236	50.56	ng	-0.01
78) Terphenyl-d14	12.79	244	472230	44.33	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	234240	17.634	ng	99
74) Fluoranthene	12.42	202	66456	4.067	ng	96
77) Pyrene	12.65	202	58992	3.148	ng	99
80) Benzo(a)anthracene	13.83	228	32498	2.064	ng	94
82) Chrysene	13.86	228	37881	2.427	ng	94
87) Benzo(b)fluoranthene	14.84	252	55629m	3.760	ng	
89) Benzo(a)pyrene	15.18	252	35590	2.670	ng	96

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

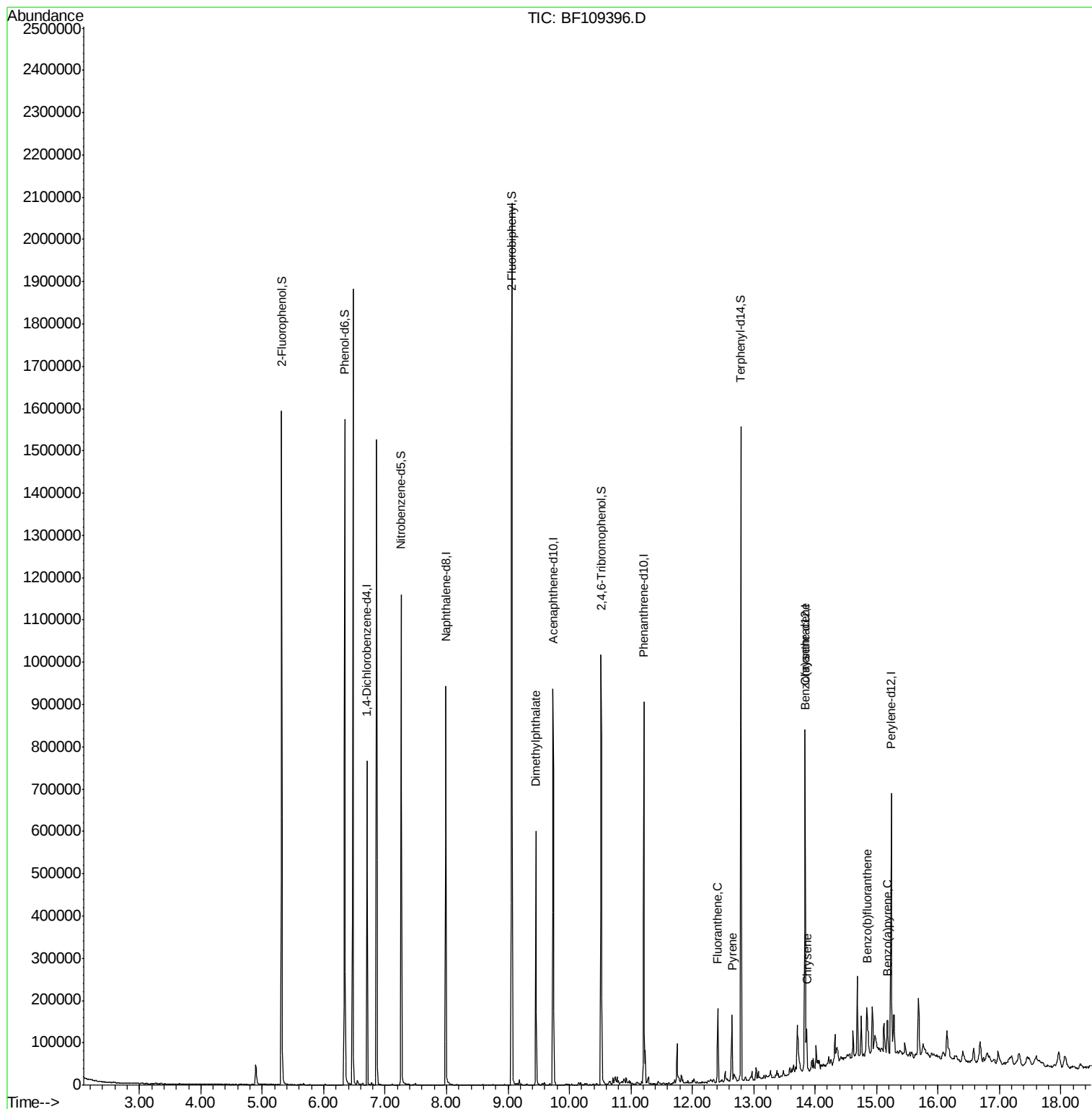
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#1

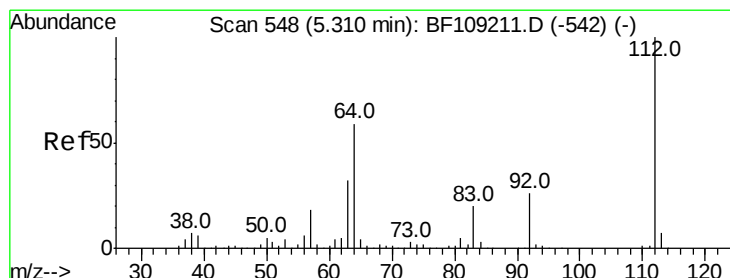
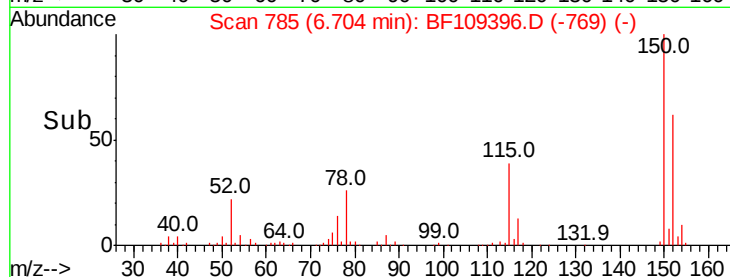
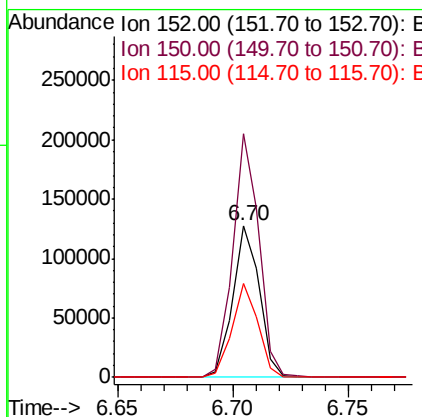
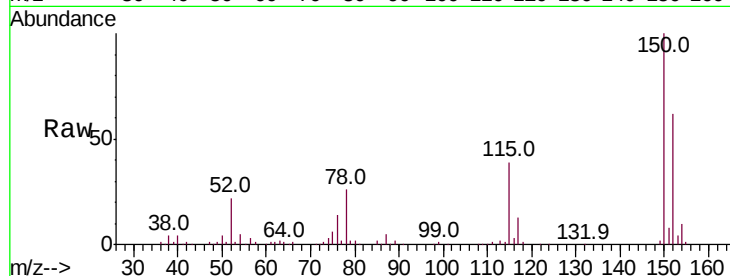
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109396.D
Acq: 27 Sep 2018 19:16

Instrument :
BNA_F
ClientSampleId :
PARCEL-186-092418-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	62.1	50.1	75.1

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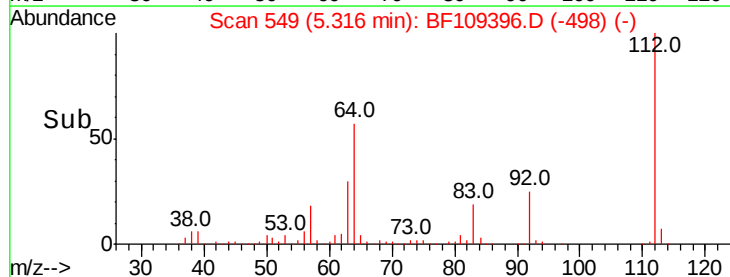
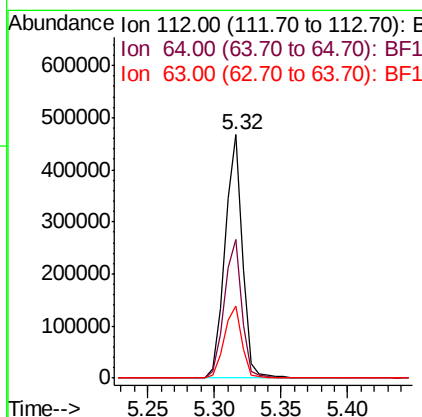
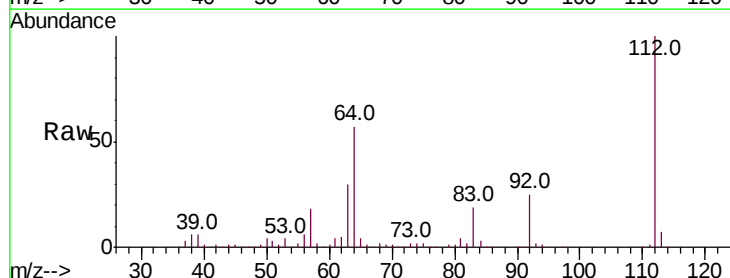
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#5

2-Fluorophenol
Concen: 69.704 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109396.D
Acq: 27 Sep 2018 19:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.9	71.9
63	29.9	23.7	35.5





#7

Phenol-d6

Concen: 69.705 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109396.D

Acq: 27 Sep 2018 19:16

Instrument :

BNA_F

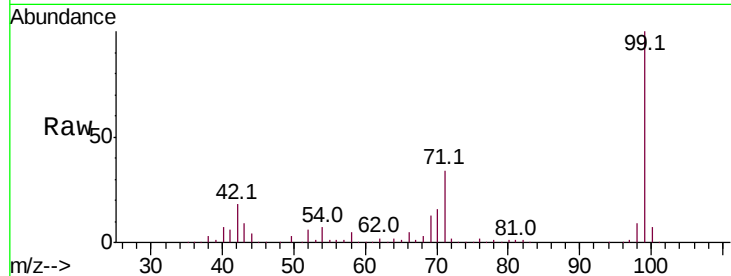
ClientSampleId :

PARCEL-186-092418-1

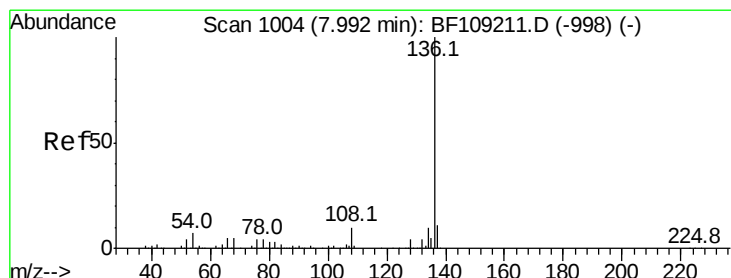
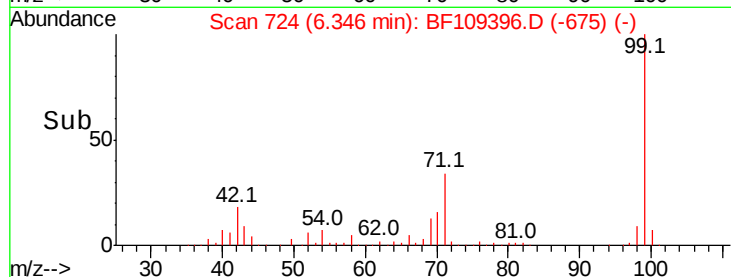
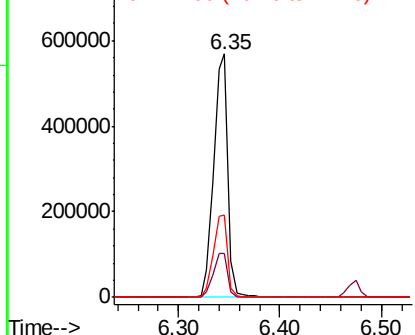
Tot Ion:	99	Resp:	550675
Ion Ratio	Lower	Upper	
99	100		
42	18.0	14.5	21.7
71	33.9	25.4	38.0

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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# 1003

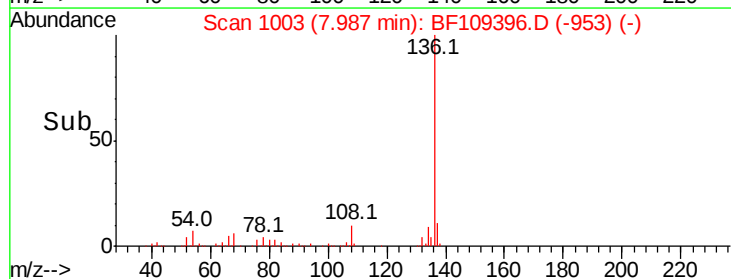
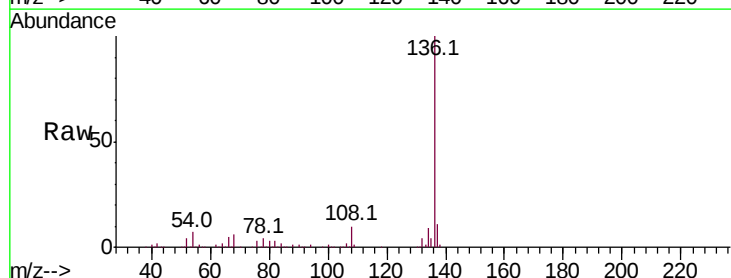
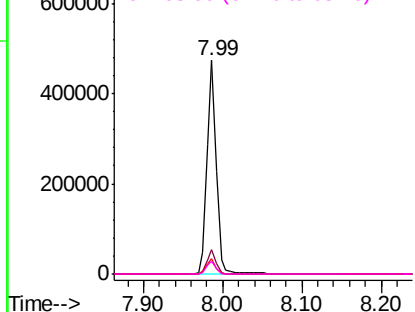
Delta R.T. -0.01 min

Lab File: BF109396.D

Acq: 27 Sep 2018 19:16

Tgt Ion:	136	Resp:	394191
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	7.0	6.6	9.8
68	5.9	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





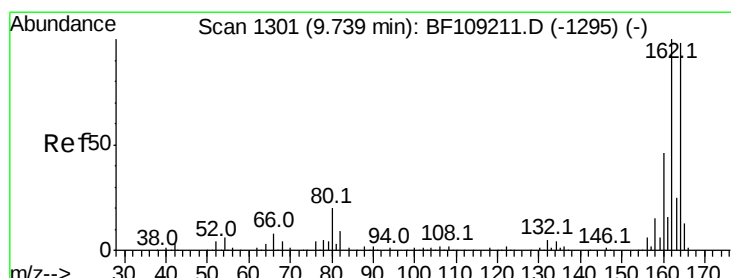
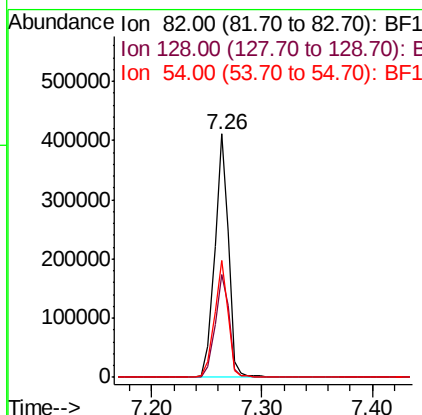
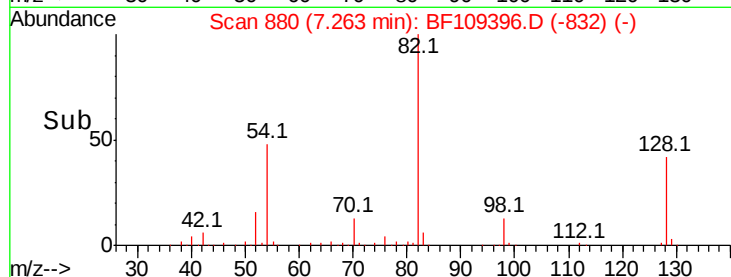
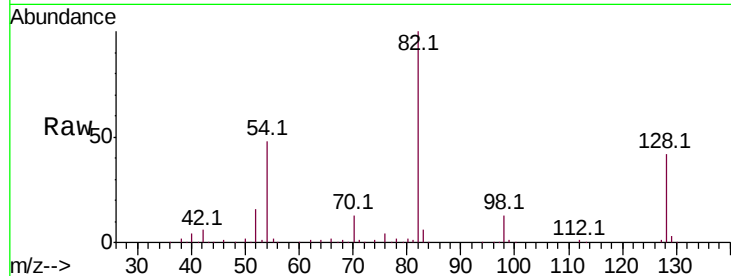
#23
Nitrobenzene-d5
Concen: 52.233 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109396.D
Acq: 27 Sep 2018 19:16

Instrument :
BNA_F
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Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.1	36.1	54.1	
54	47.9	41.4	62.2	

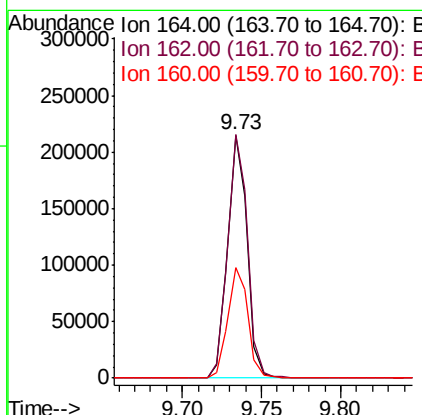
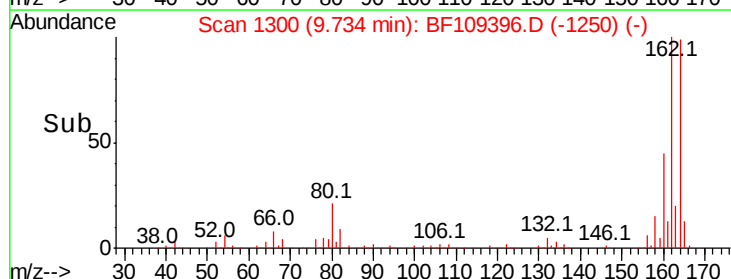
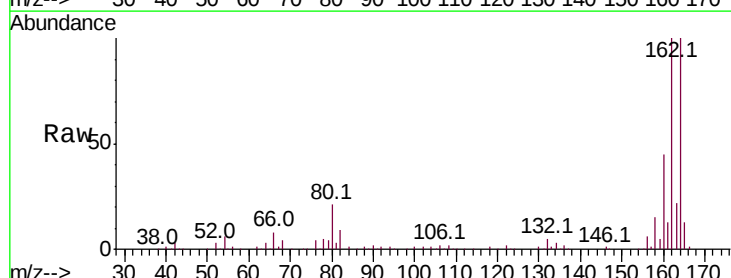
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109396.D
Acq: 27 Sep 2018 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.4	86.1	129.1	
160	45.4	38.3	57.5	





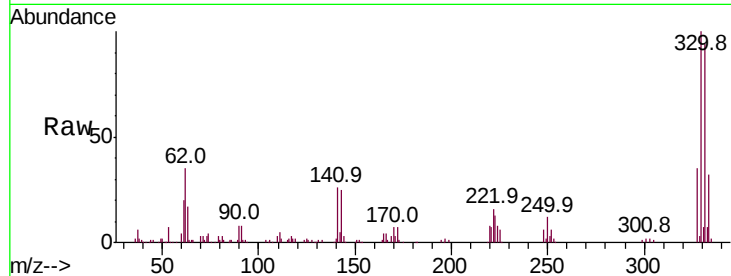
#41
 2,4,6-Tribromophenol
 Concen: 66.020 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109396.D
 Acq: 27 Sep 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-186-092418-1

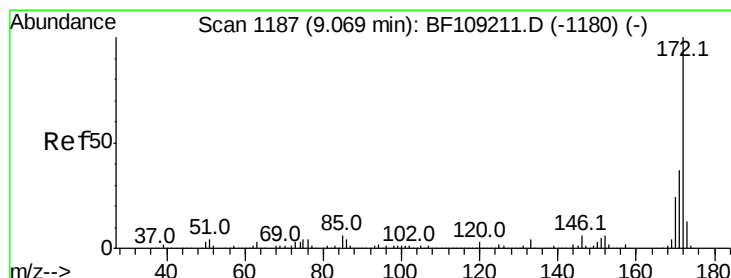
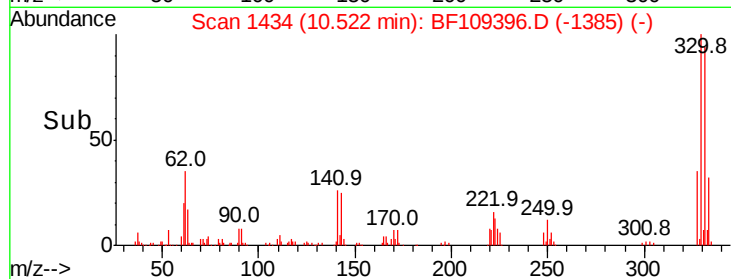
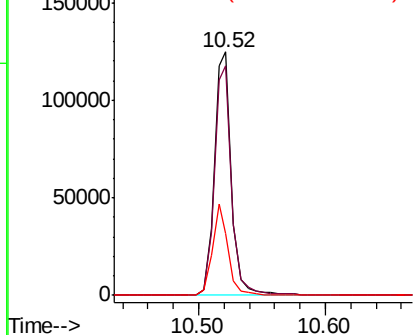
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	77.0	115.6	
141	34.1	29.9	44.9	

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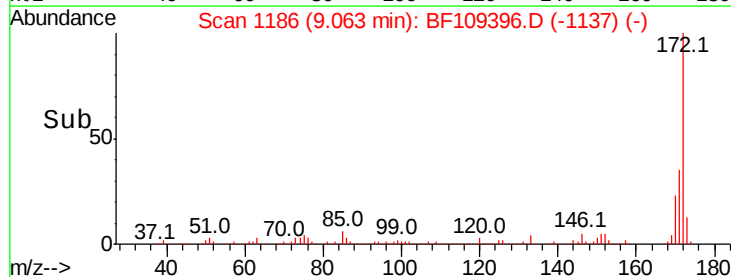
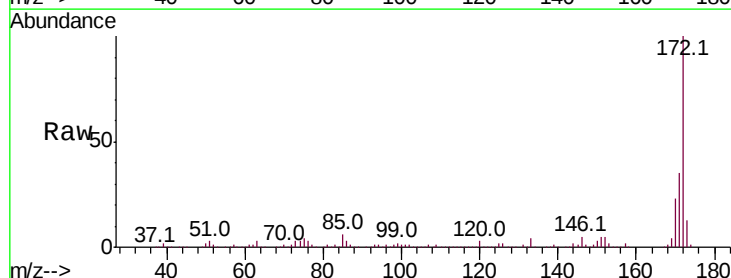
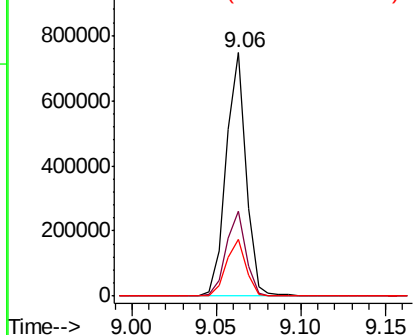
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

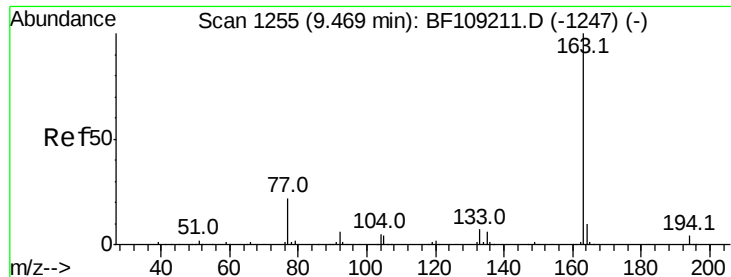


#44
 2-Fluorobiphenyl
 Concen: 50.558 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109396.D
 Acq: 27 Sep 2018 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.0	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





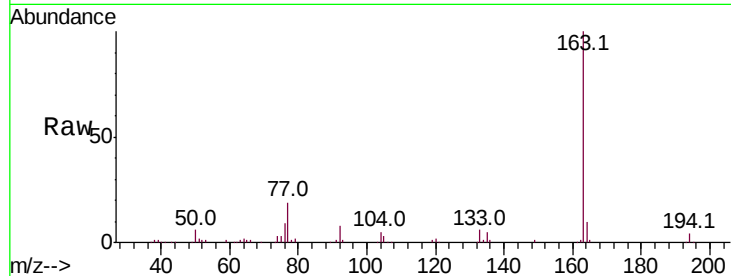
#49
 Dimethylphthalate
 Concen: 17.634 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109396.D
 Acq: 27 Sep 2018 19:16

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 PARCEL-186-092418-1

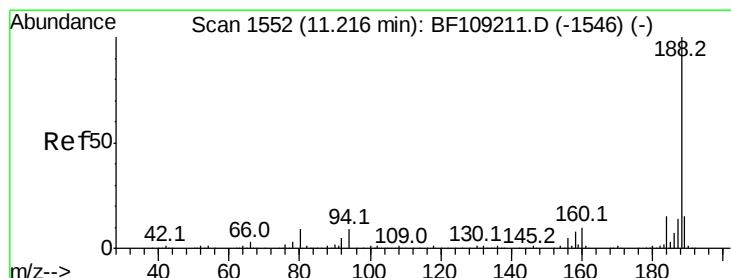
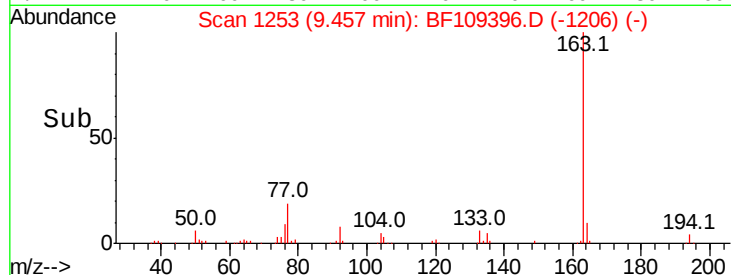
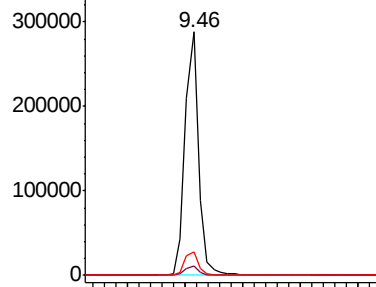
Tot Ion	Ratio	Resp	Lower	Upper
163	100	234240		
194	3.9	2.7	4.1	
164	9.8	8.2	12.2	

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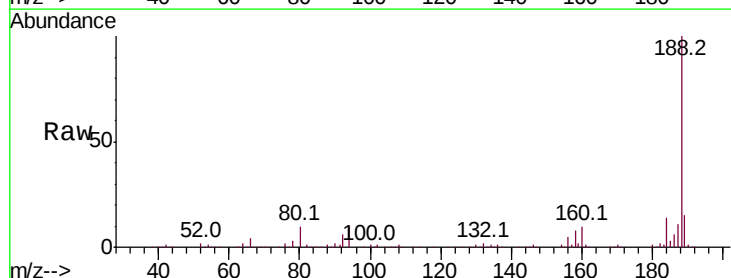


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

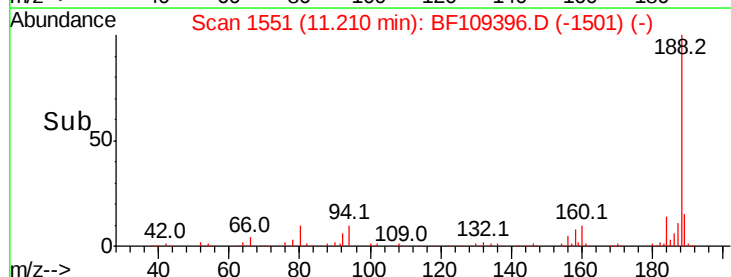
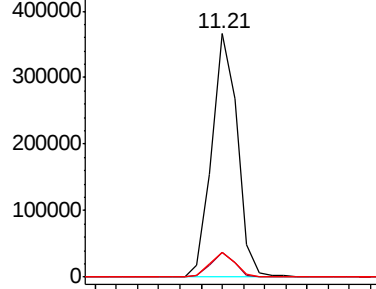


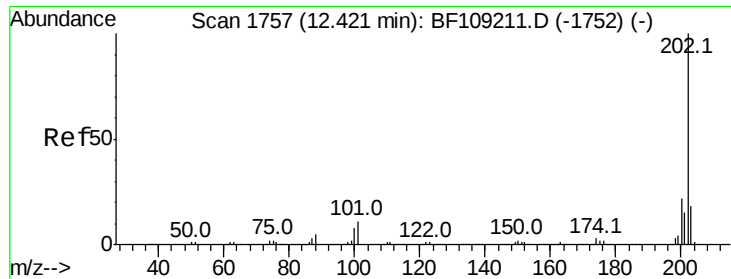
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109396.D
 Acq: 27 Sep 2018 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	306252		
94	10.0	8.5	12.7	
80	10.2	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





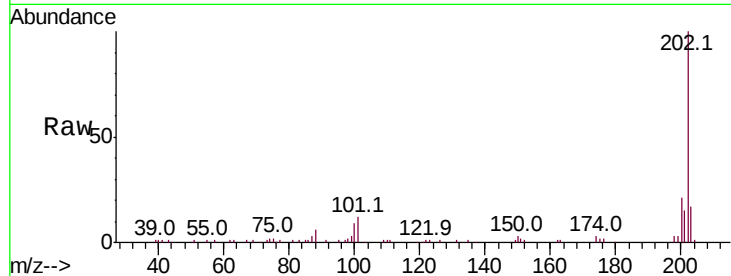
#74
 Fluoranthene
 Concen: 4.067 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BF109396.D
 Acq: 27 Sep 2018 19:16

Instrument :
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 ClientSampleId :
 PARCEL-186-092418-1

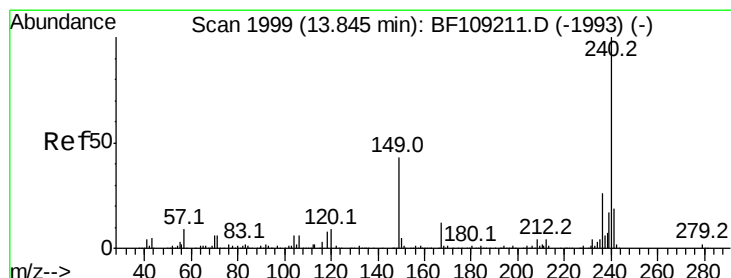
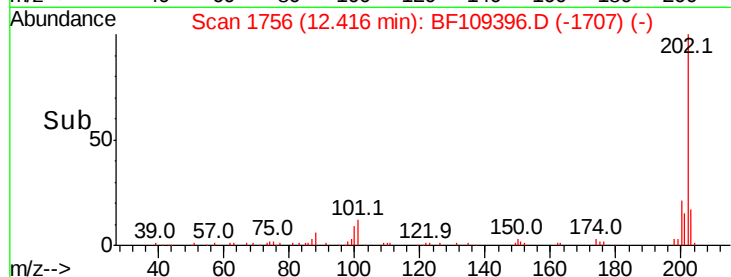
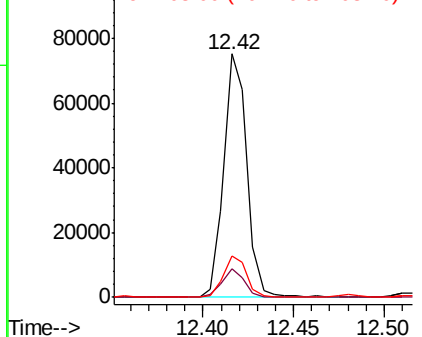
Tot Ion	Ratio	Resp	Lower	Upper
202	100	66456		
101	11.8	0.0	34.1	
203	17.0	0.0	38.1	

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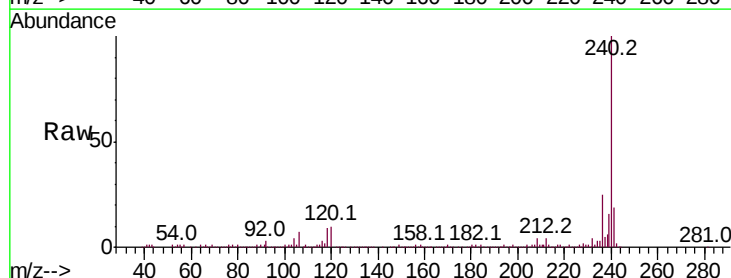


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

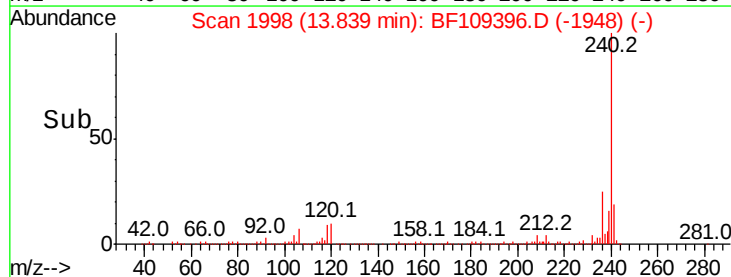
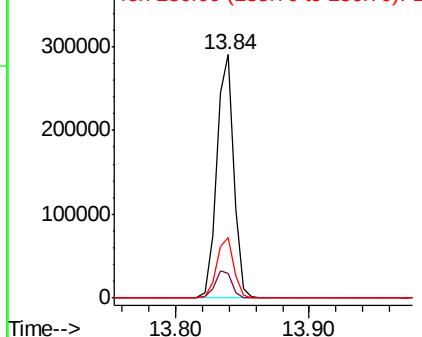


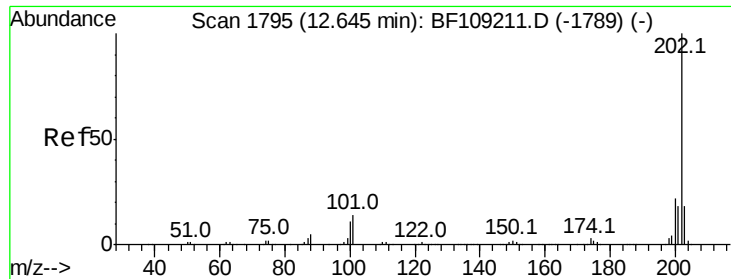
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF109396.D
 Acq: 27 Sep 2018 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	261440		
120	9.9	9.5	14.3	
236	24.8	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





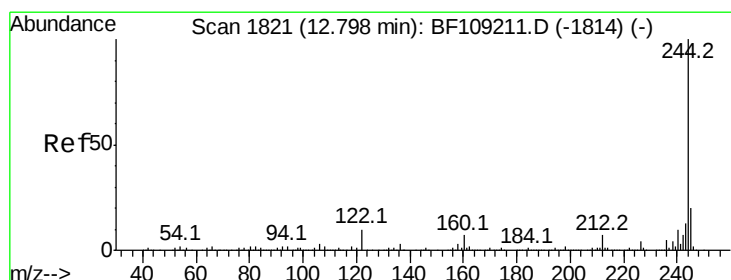
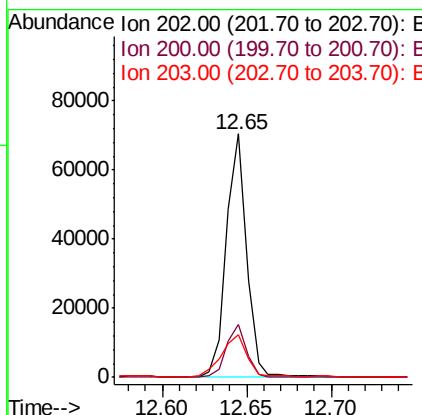
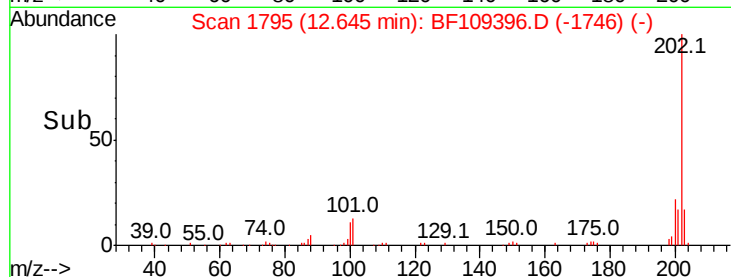
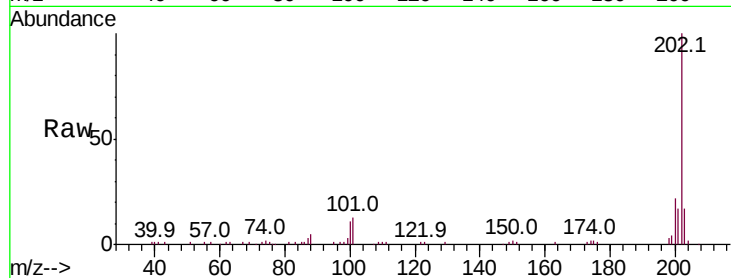
#77
Pvrene
Concen: 3.148 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109396.D
Acq: 27 Sep 2018 19:16

Instrument :
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PARCEL-186-092418-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.4	14.3	21.5

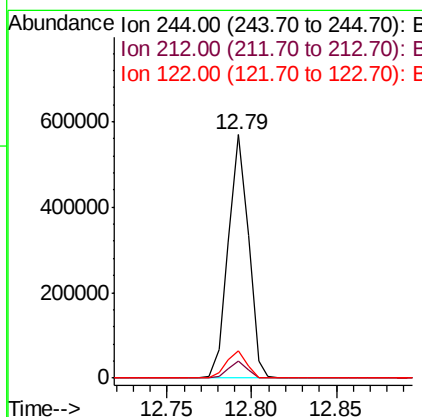
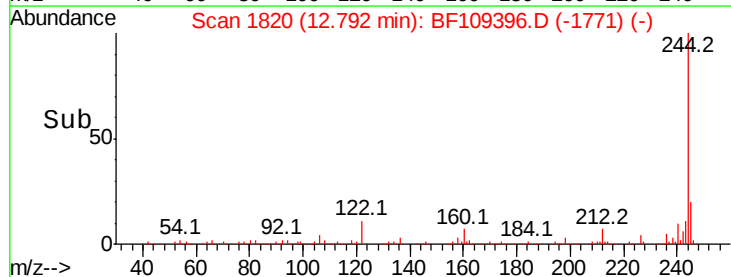
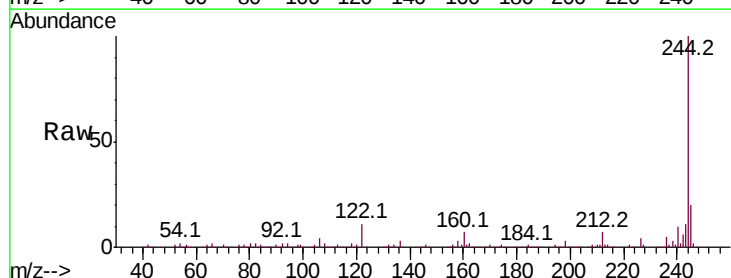
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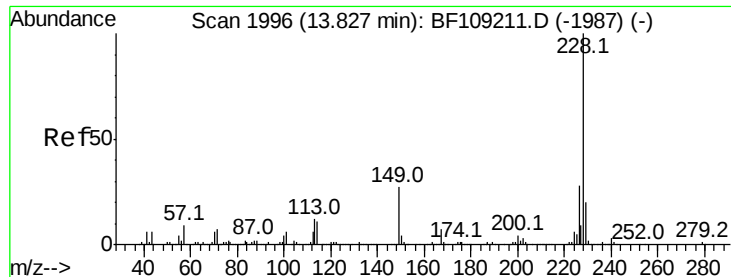
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#78
Terphenyl-d14
Concen: 44.329 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109396.D
Acq: 27 Sep 2018 19:16

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





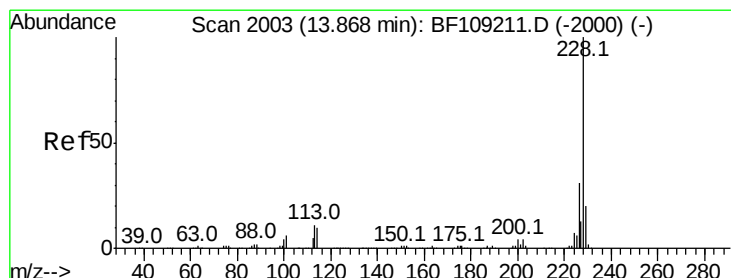
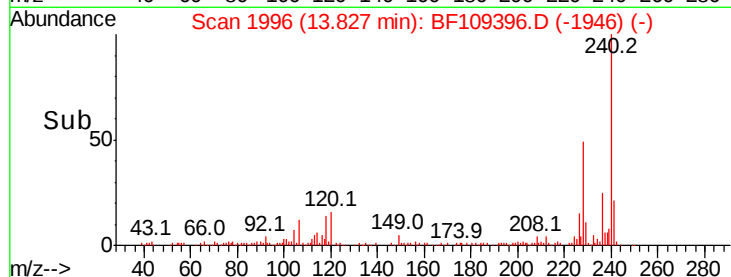
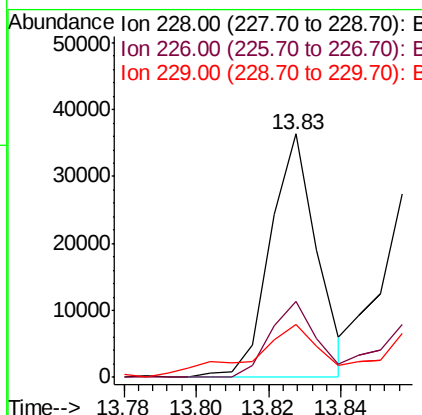
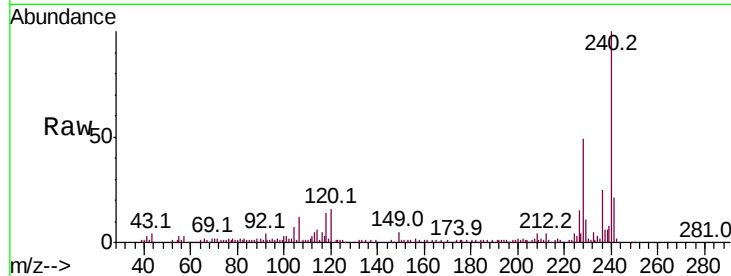
#80
Benzo(a)anthracene
Concen: 2.064 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109396.D
Acq: 27 Sep 2018 19:16

Instrument :
BNA_F
ClientSampleId :
PARCEL-186-092418-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	22.0	15.8	23.6

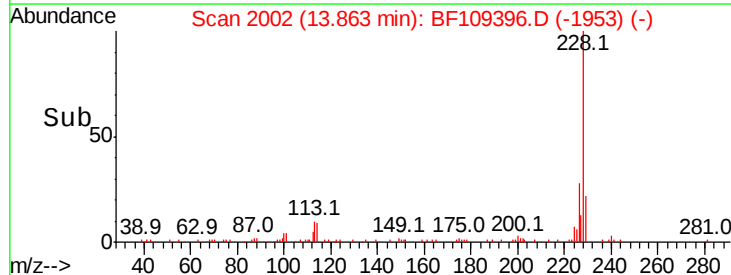
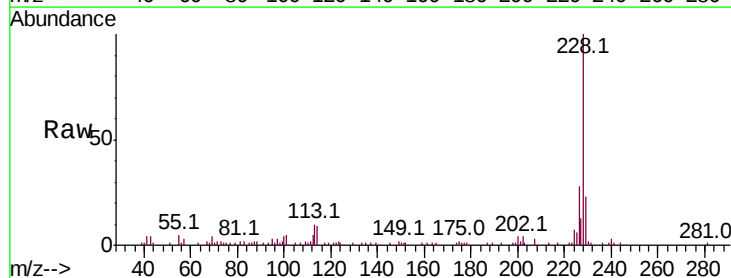
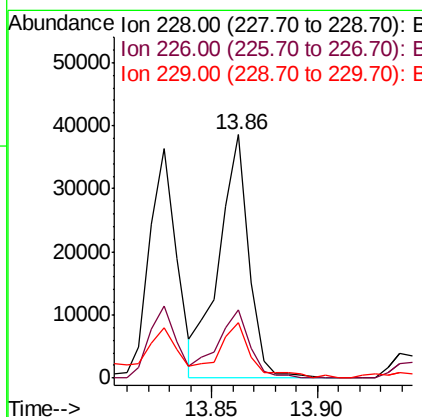
Manual Integrations
APPROVED

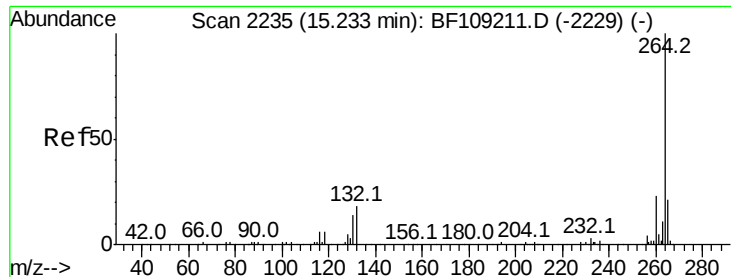
Sohil
9/28/2018 2:40:00 PM



#82
Chrysene
Concen: 2.427 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109396.D
Acq: 27 Sep 2018 19:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	25.0	37.6
229	23.0	16.2	24.4





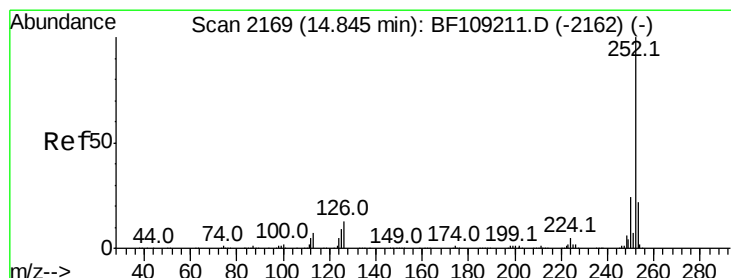
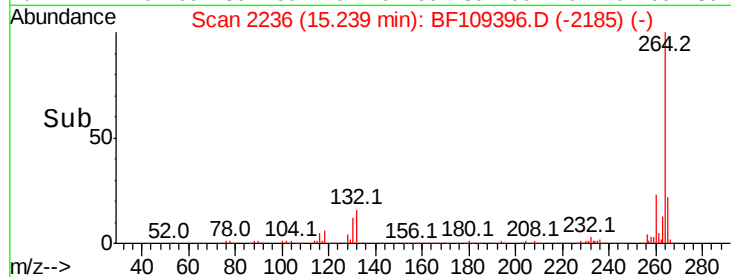
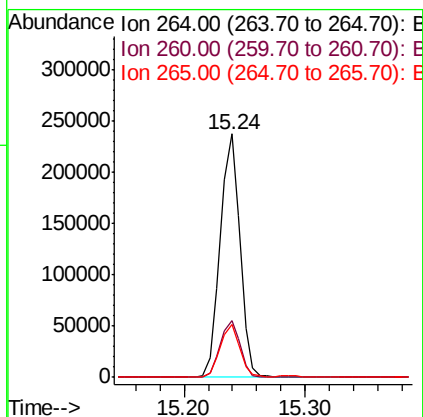
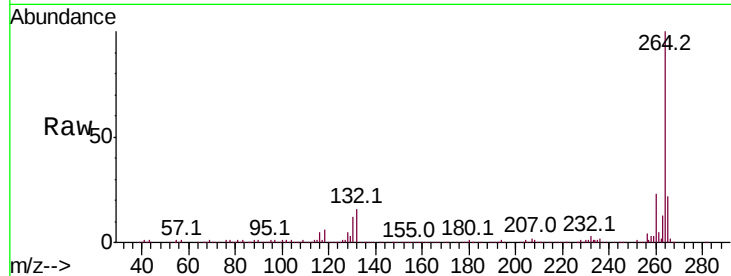
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109396.D
Acq: 27 Sep 2018 19:16

Instrument :
BNA_F
ClientSampleId :
PARCEL-186-092418-1

Tot Ion:264	Resp:	269248
Ion Ratio	Lower	Upper
264 100		
260 23.4	19.2	28.8
265 21.6	17.5	26.3

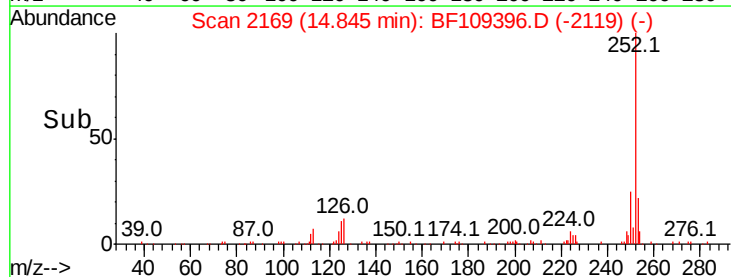
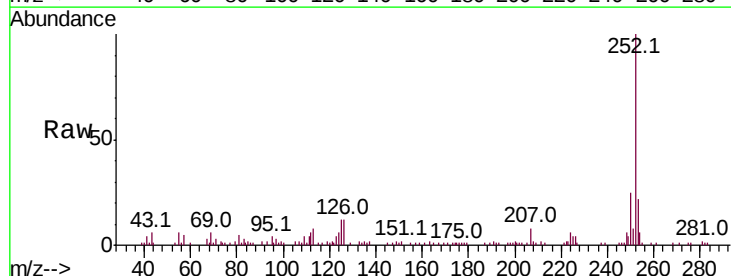
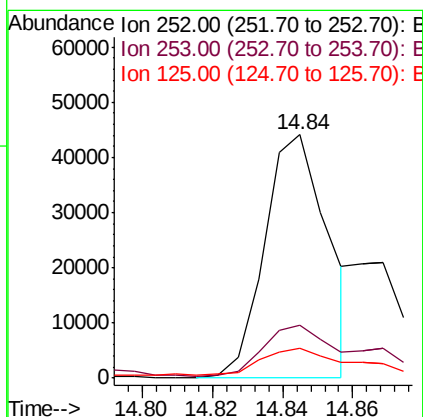
Manual Integrations
APPROVED

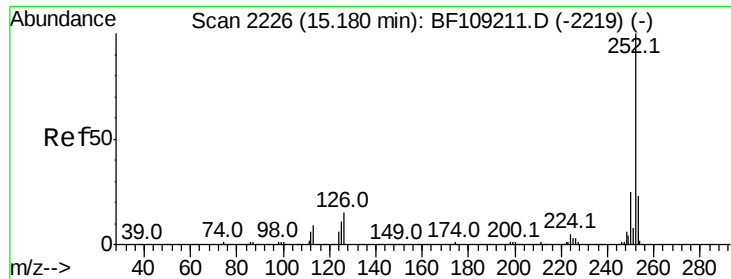
Sohil
9/28/2018 2:40:00 PM



#87
Benzo(b)fluoranthene
Concen: 3.760 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109396.D
Acq: 27 Sep 2018 19:16

Tgt Ion:252	Resp:	55629
Ion Ratio	Lower	Upper
252 100		
253 21.6	17.0	25.6
125 12.4	9.0	13.6





#89

Benzo(a)pyrene

Concen: 2.670 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF109396.D

Acq: 27 Sep 2018 19:16

Instrument :

BNA_F

ClientSampleId :

PARCEL-186-092418-1

Tot Ion:	252	Resp:	35590
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.1	25.7
125	12.5	9.8	14.6

Manual Integrations
APPROVED

Sohil
9/28/2018 2:40:00 PM

