

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109397.D
 Acq On : 27 Sep 2018 19:43
 Operator : JU/SJ
 Sample : J5077-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-186-092418-2

Manual Integrations
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Quant Time: Sep 28 05:32:07 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	114672	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	443327	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	205600	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	345966	20.00	ng	0.00
75) Chrysene-d12	13.84	240	276025	20.00	ng	0.00
86) Perylene-d12	15.24	264	261117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	503310	72.29	ng	0.00
7) Phenol-d6	6.35	99	642689	72.34	ng	-0.01
23) Nitrobenzene-d5	7.26	82	420659	56.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	139990	69.07	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	639953	46.94	ng	-0.01
78) Terphenyl-d14	12.79	244	490559	43.62	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.46	163	297857	19.918	ng	99
74) Fluoranthene	12.42	202	59637	3.231	ng	99
77) Pyrene	12.65	202	52469	2.652	ng	99
87) Benzo(b)fluoranthene	14.84	252	46385m	3.233	ng	
89) Benzo(a)pyrene	15.18	252	28777	2.226	ng	96

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

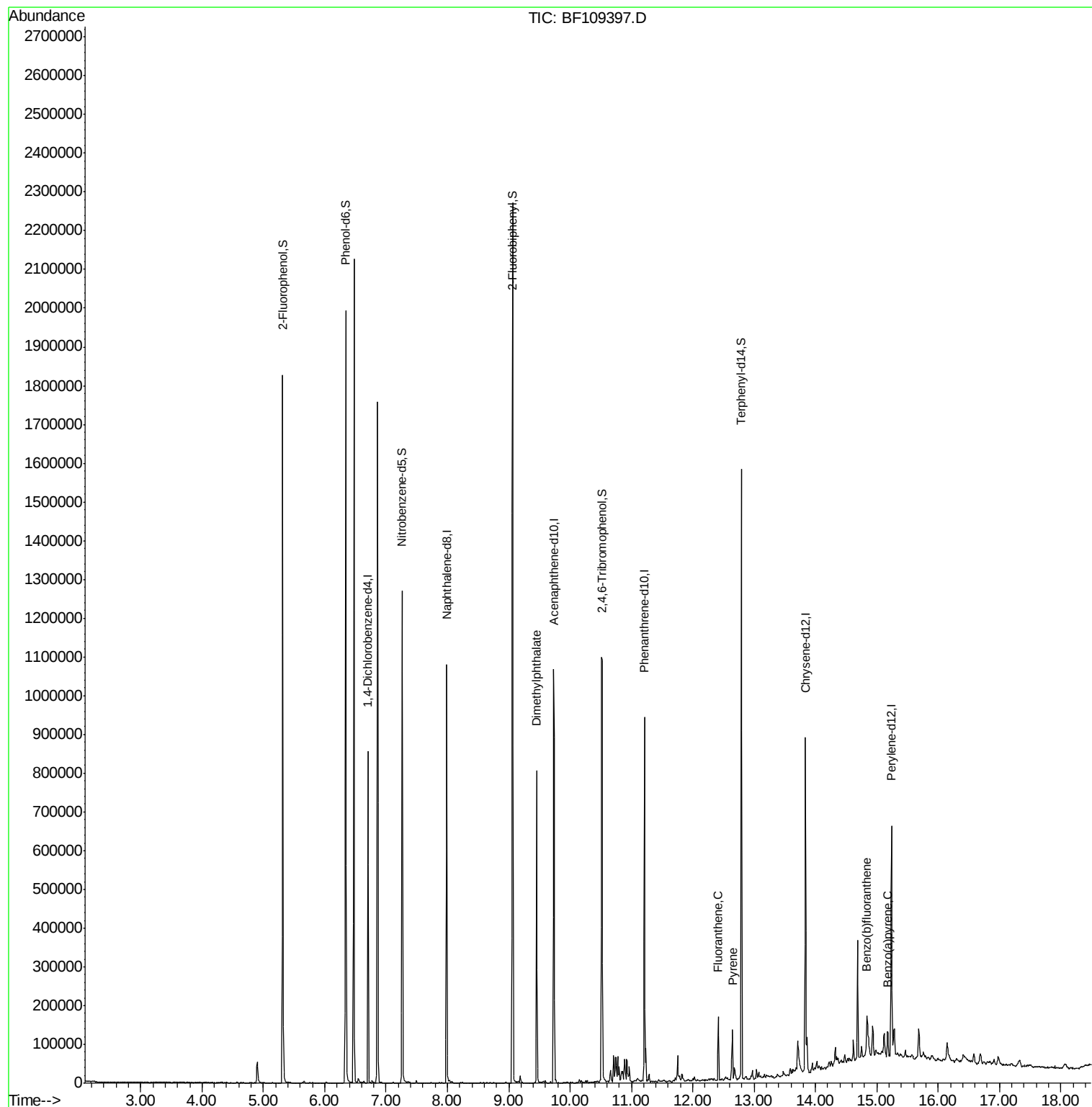
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109397.D
Acq On : 27 Sep 2018 19:43
Operator : JU/SJ
Sample : J5077-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

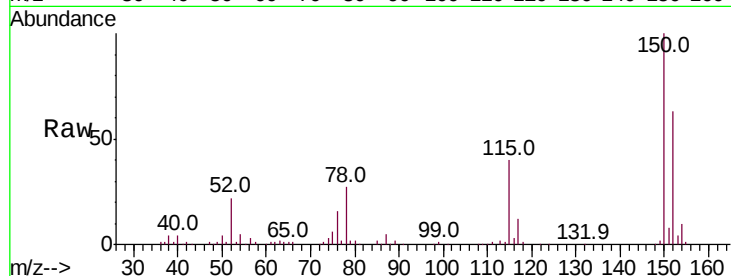
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109397.D
Acq: 27 Sep 2018 19:43

Instrument :
BNA_F
ClientSampleId :
PARCEL-186-092418-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	63.9	50.1	75.1

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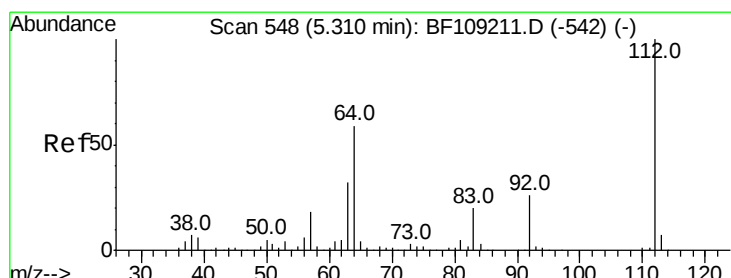
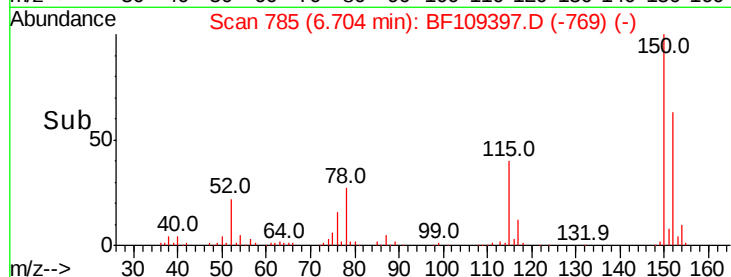
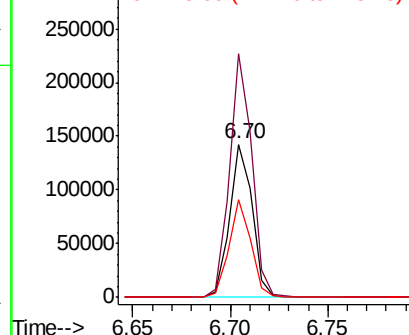


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

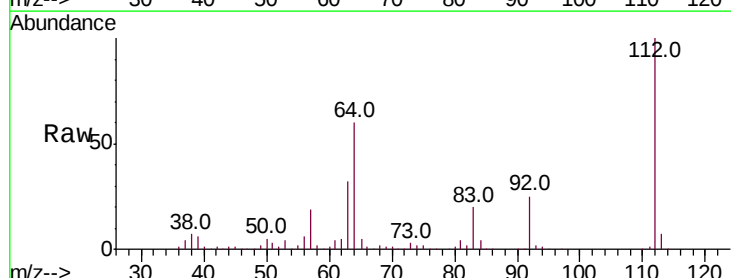
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 72.292 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109397.D
Acq: 27 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	31.9	23.7	35.5

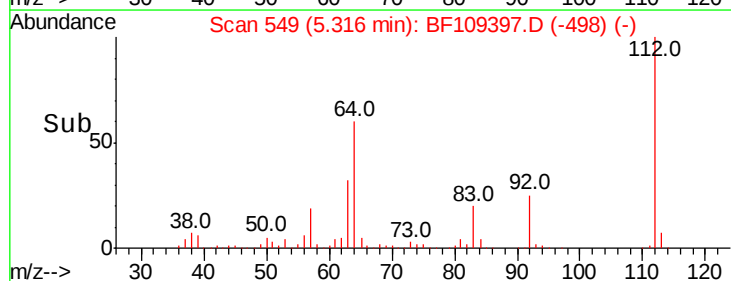
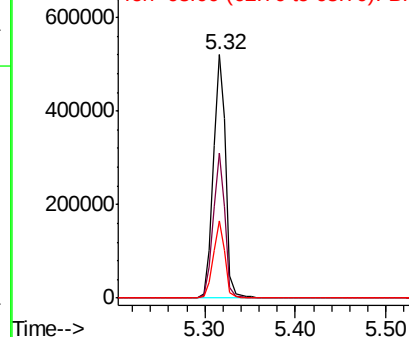


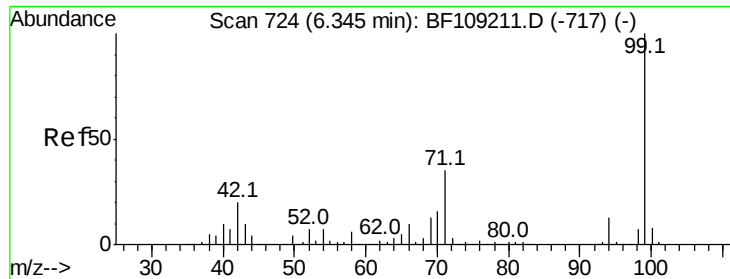
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 72.343 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109397.D

Acq: 27 Sep 2018 19:43

Instrument :

BNA_F

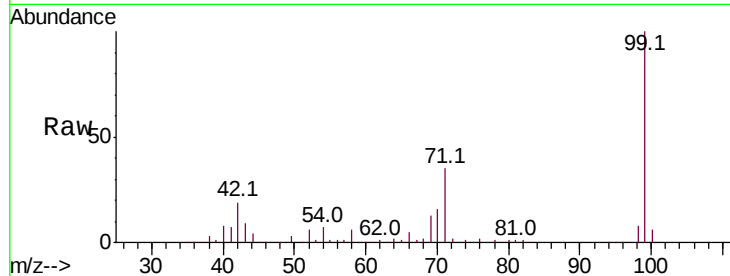
ClientSampleId :

PARCEL-186-092418-2

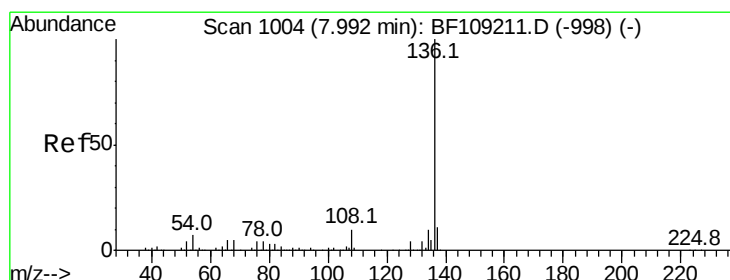
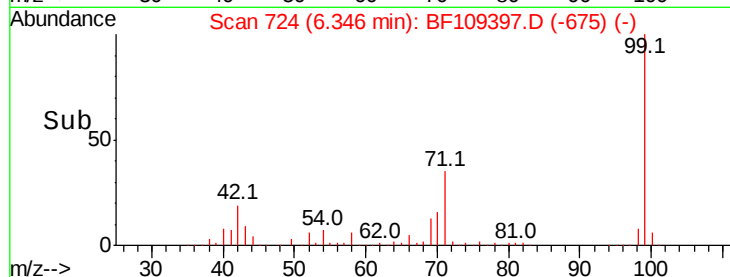
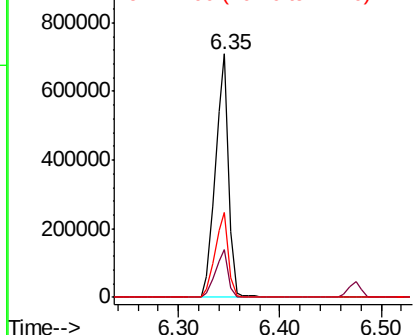
Tot Ion:	99	Resp:	642689
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.5	21.7
71	34.9	25.4	38.0

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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

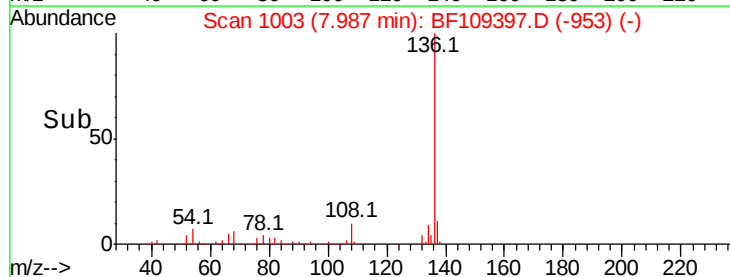
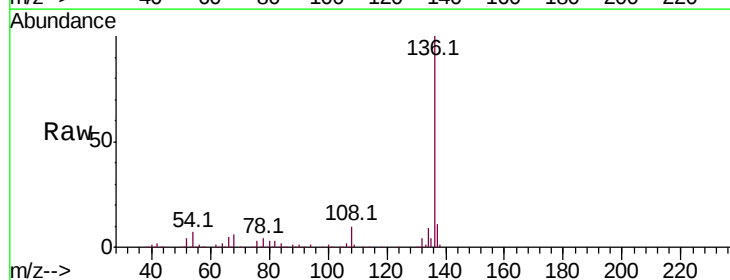
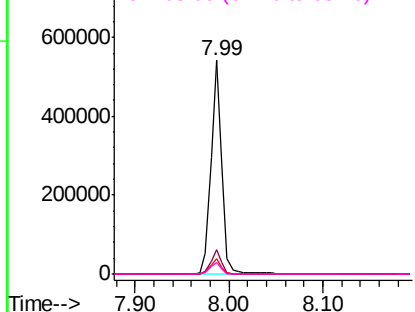
Delta R.T. -0.01 min

Lab File: BF109397.D

Acq: 27 Sep 2018 19:43

Tgt Ion:	136	Resp:	443327
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	7.1	6.6	9.8
68	5.6	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





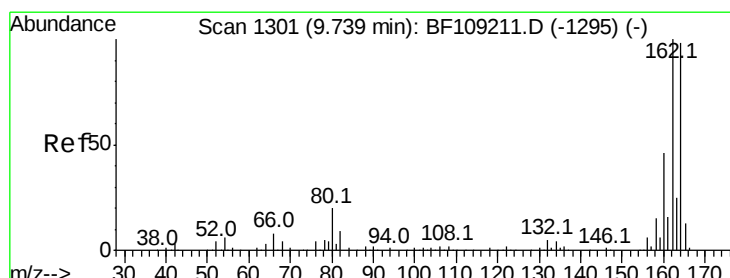
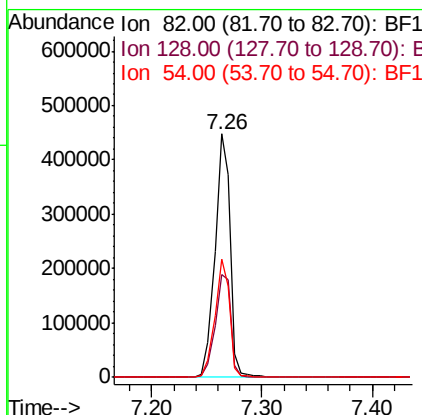
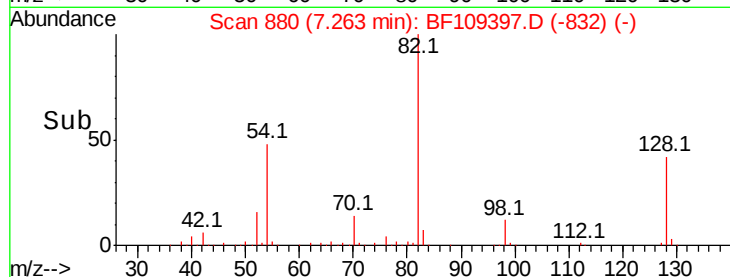
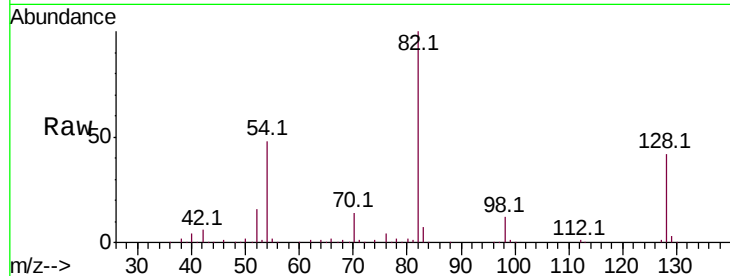
#23
 Nitrobenzene-d5
 Concen: 56.013 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109397.D
 Acq: 27 Sep 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-186-092418-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	48.4	41.4	62.2

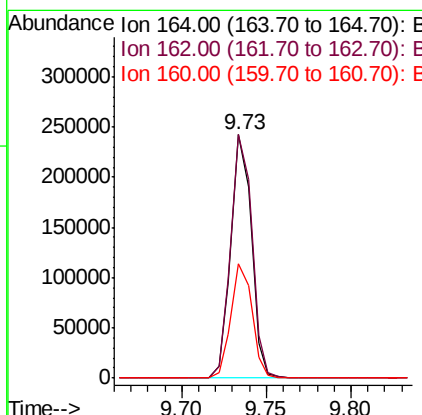
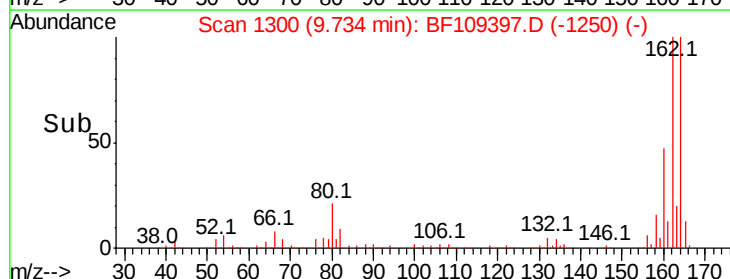
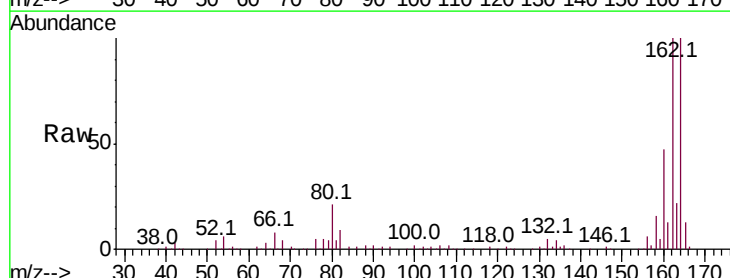
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109397.D
 Acq: 27 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	86.1	129.1
160	46.7	38.3	57.5





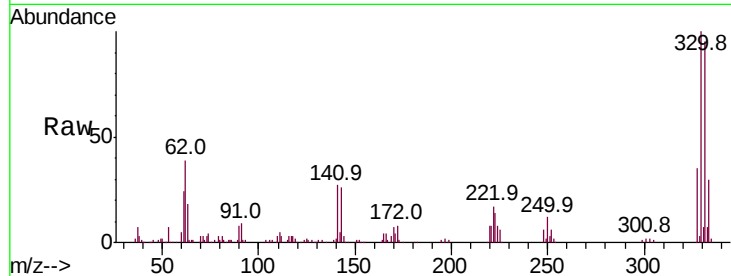
#41
 2,4,6-Tribromophenol
 Concen: 69.070 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109397.D
 Acq: 27 Sep 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-186-092418-2

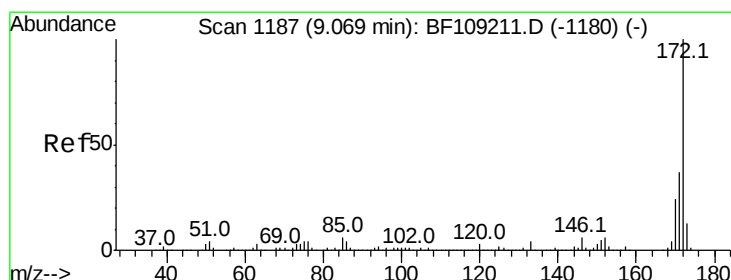
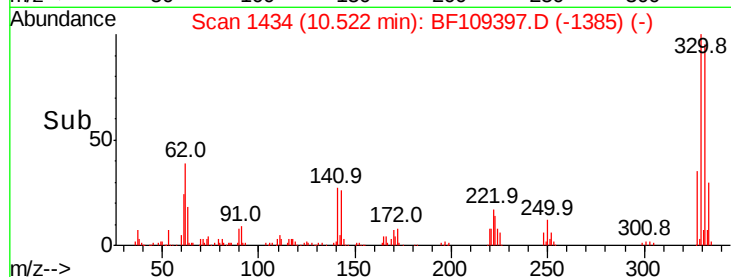
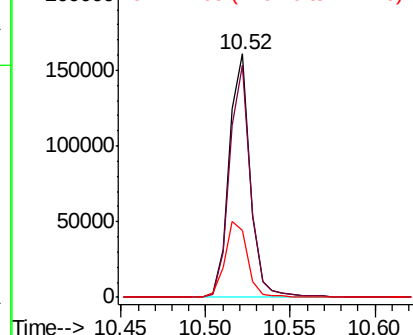
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.9	77.0	115.6	
141	33.4	29.9	44.9	

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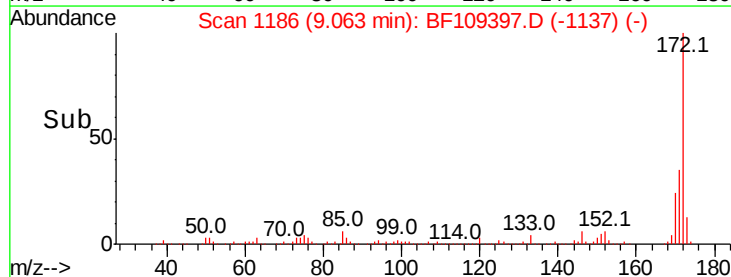
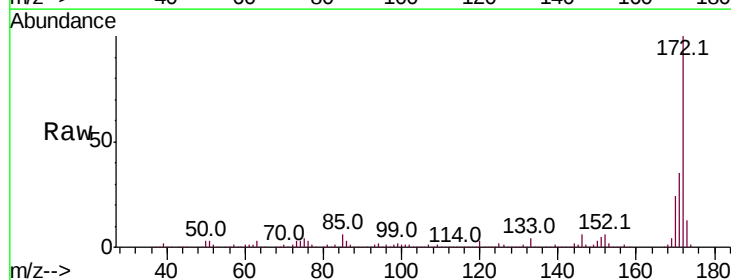
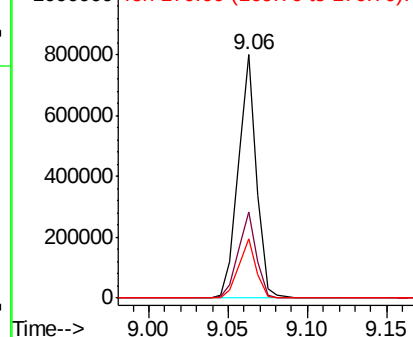
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

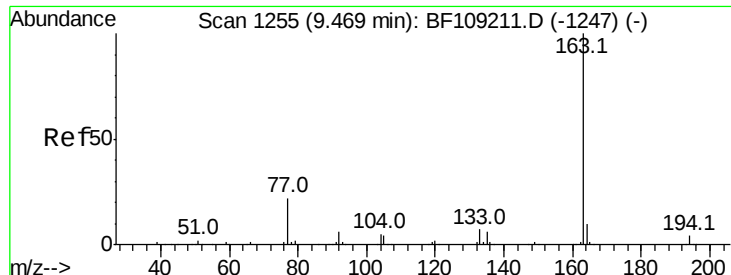


#44
 2-Fluorobiphenyl
 Concen: 46.944 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109397.D
 Acq: 27 Sep 2018 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.7	44.5	
170	24.1	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





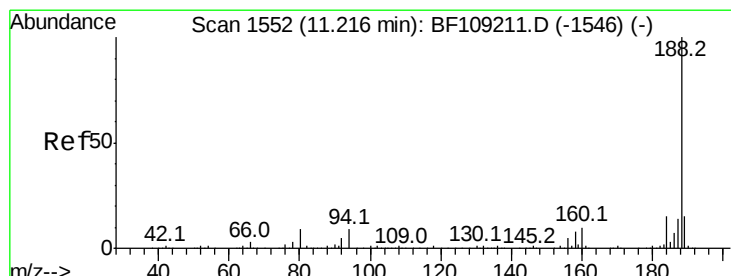
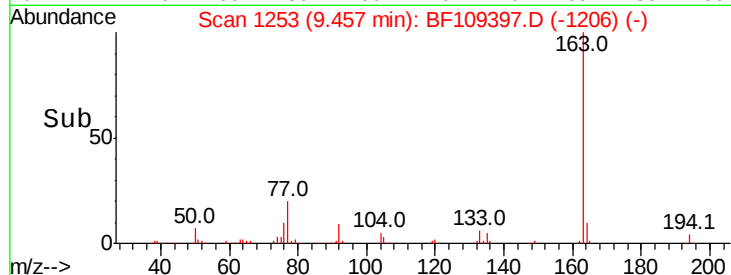
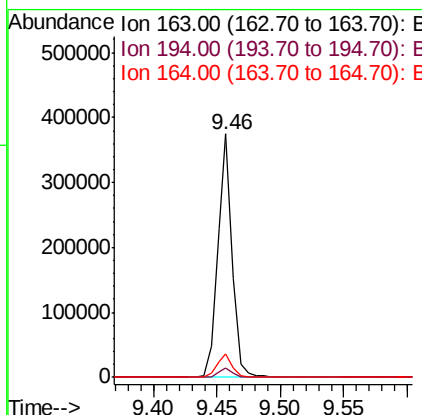
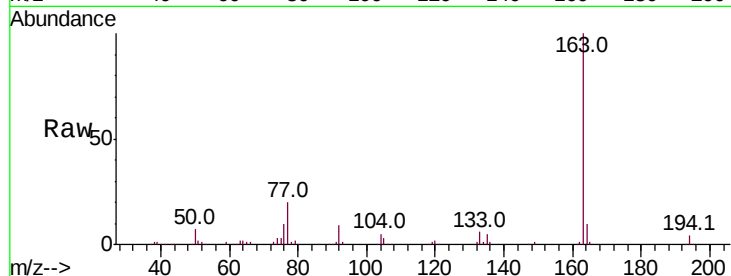
#49
Dimethylphthalate
Concen: 19.918 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109397.D
Acq: 27 Sep 2018 19:43

Instrument :
BNA_F
ClientSampleId :
PARCEL-186-092418-2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	297857		
194	3.9	2.7	4.1	
164	9.8	8.2	12.2	

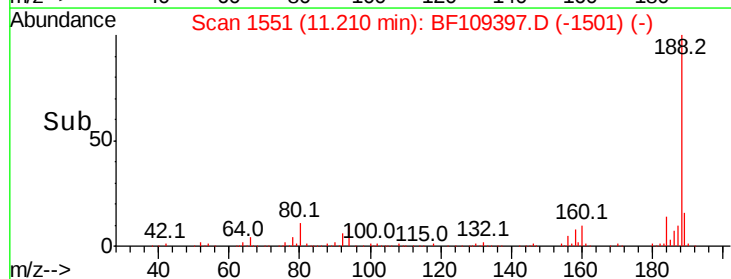
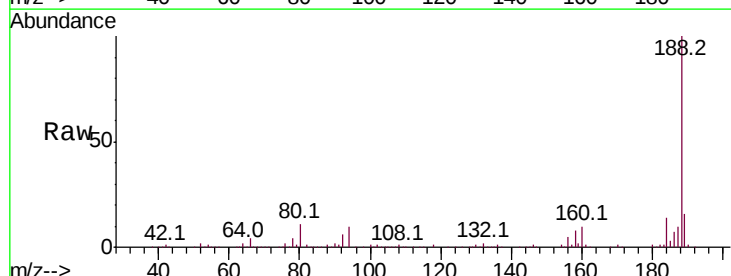
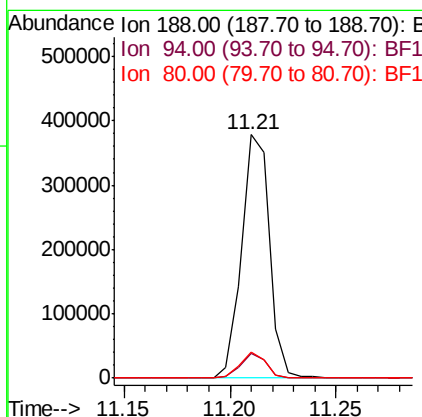
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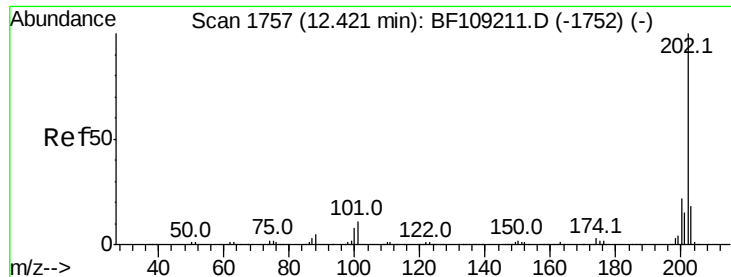
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109397.D
Acq: 27 Sep 2018 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	345966		
94	10.3	8.5	12.7	
80	10.9	9.2	13.8	





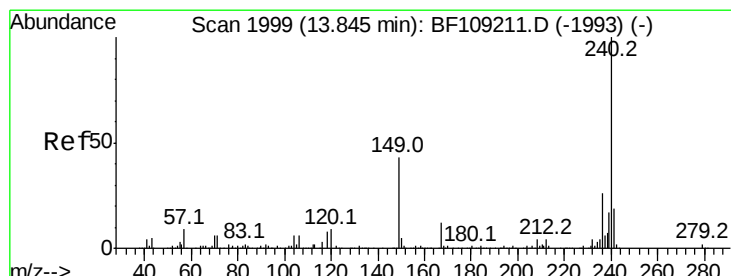
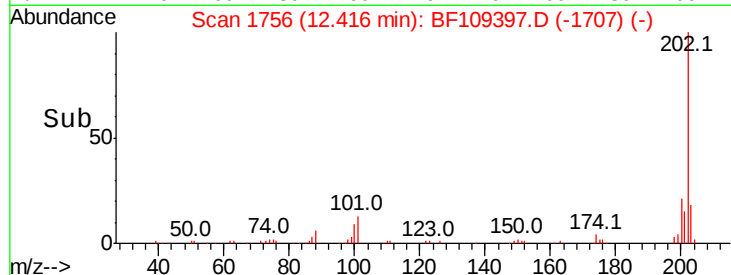
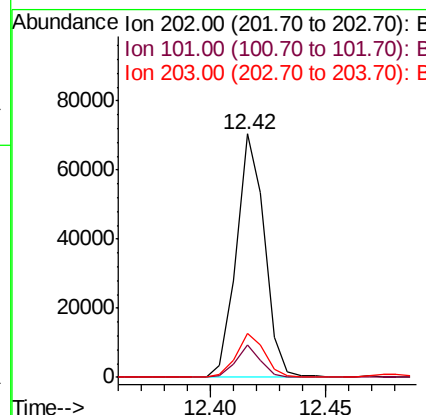
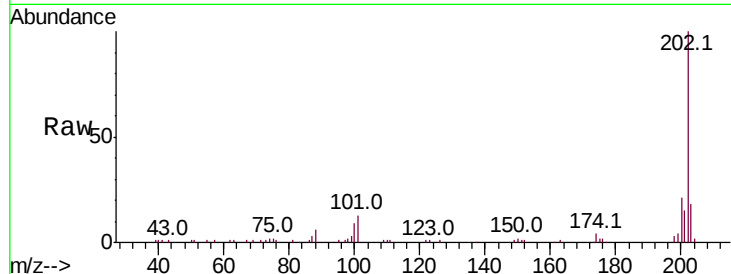
#74
 Fluoranthene
 Concen: 3.231 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BF109397.D
 Acq: 27 Sep 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-186-092418-2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	59637		
101	13.1	0.0	34.1	
203	17.9	0.0	38.1	

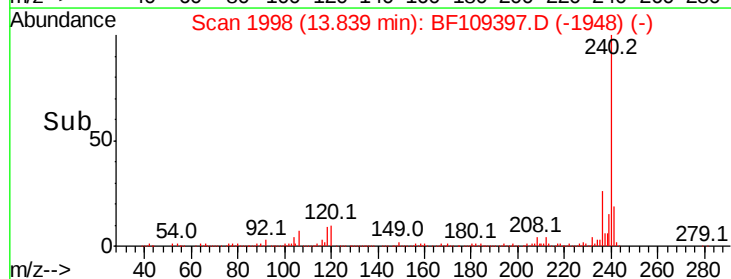
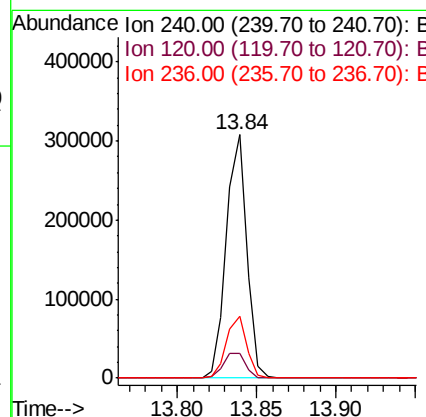
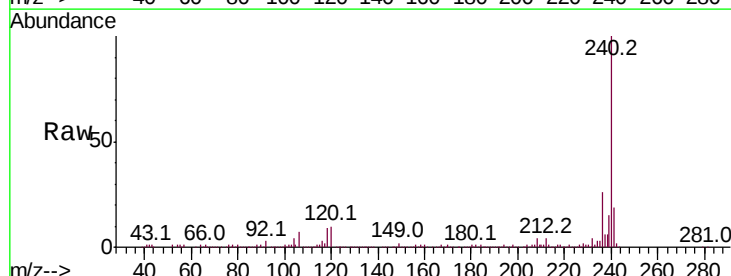
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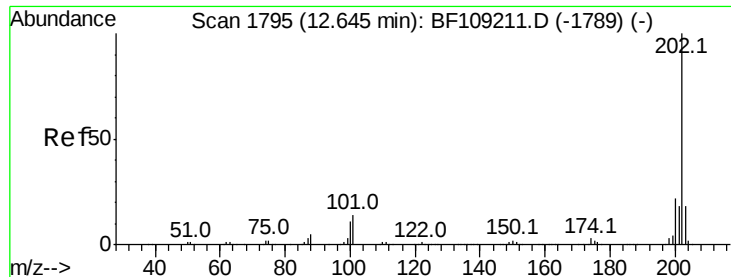
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF109397.D
 Acq: 27 Sep 2018 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	276025		
120	10.1	9.5	14.3	
236	25.5	20.7	31.1	





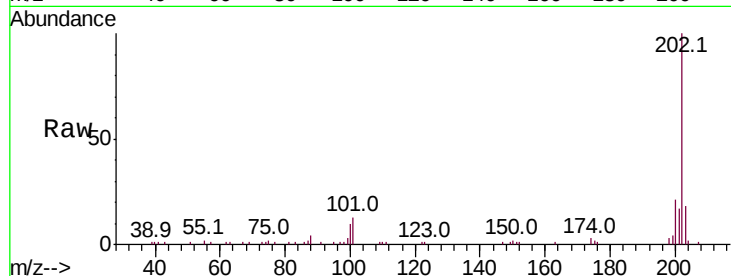
#77
Pvrene
Concen: 2.652 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109397.D
Acq: 27 Sep 2018 19:43

Instrument :
BNA_F
ClientSampleId :
PARCEL-186-092418-2

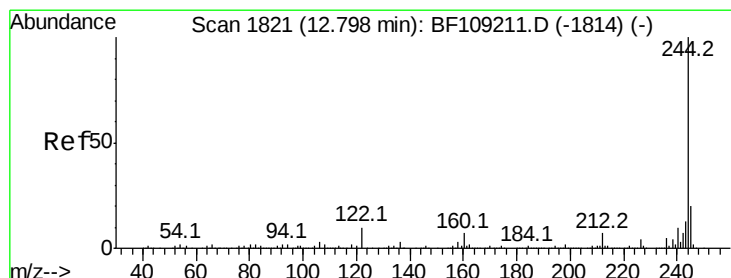
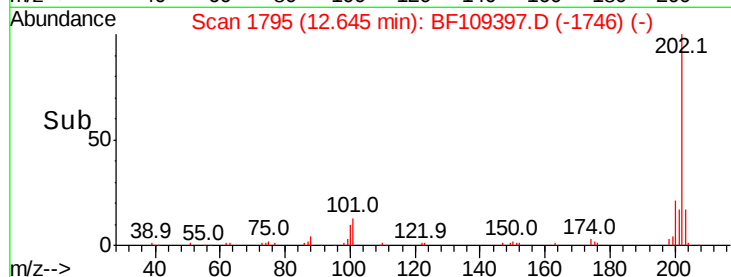
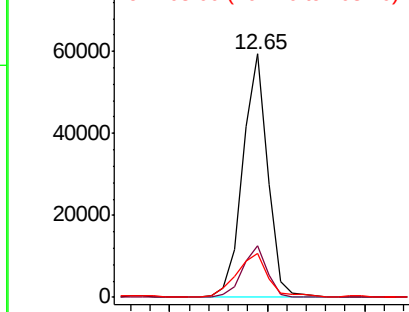
Tot Ion:	202	Resp:	52469
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	18.0	14.3	21.5

Manual Integrations
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9/28/2018 2:40:02 PM



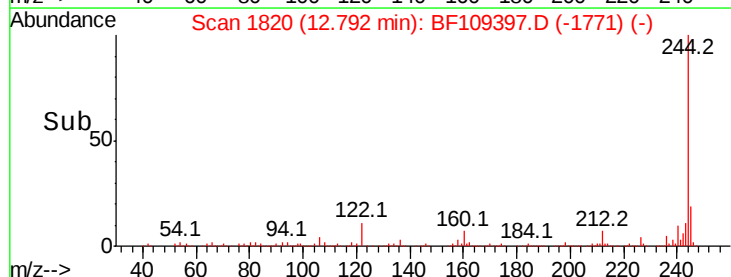
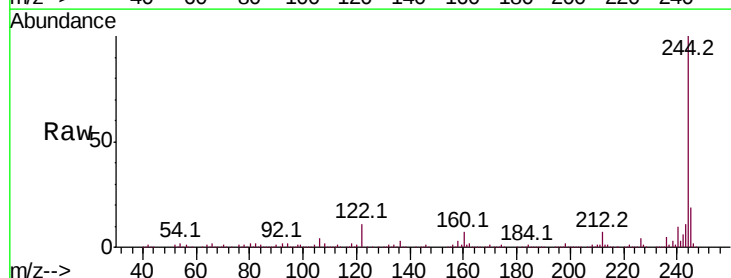
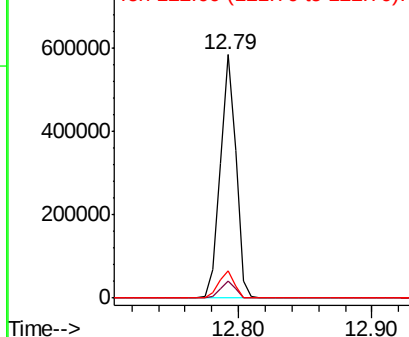
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

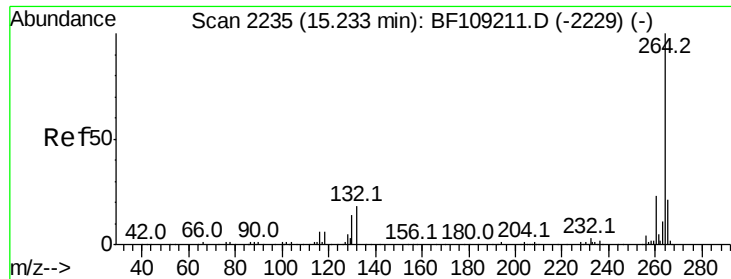


#78
Terphenyl-d14
Concen: 43.616 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109397.D
Acq: 27 Sep 2018 19:43

Tgt Ion:	244	Resp:	490559
Ion Ratio	Lower	Upper	
244	100		
212	6.8	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





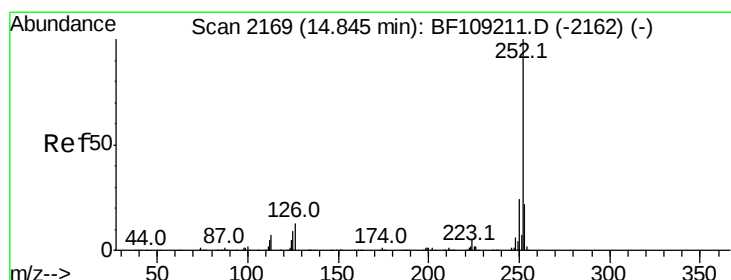
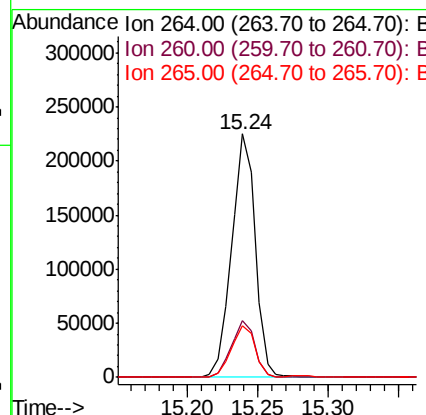
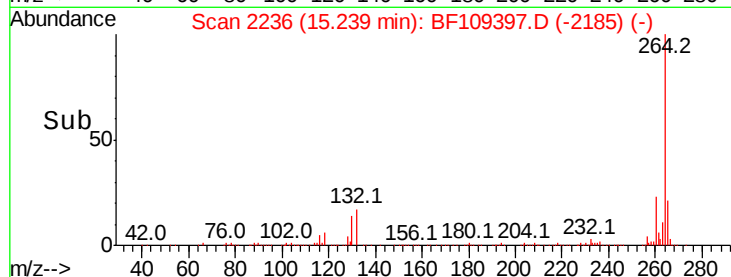
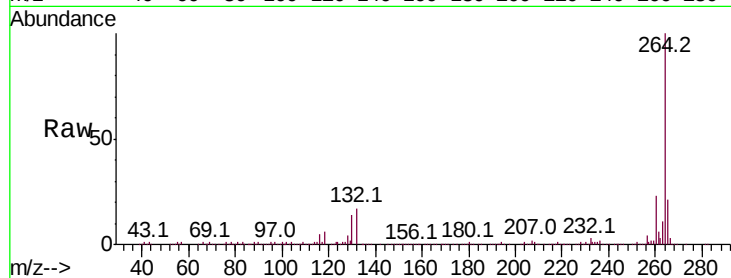
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109397.D
Acq: 27 Sep 2018 19:43

Instrument :
BNA_F
ClientSampleId :
PARCEL-186-092418-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.0	17.5	26.3

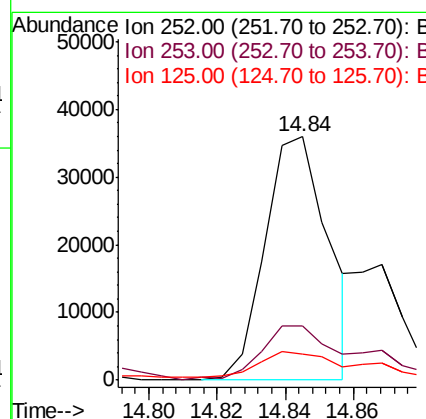
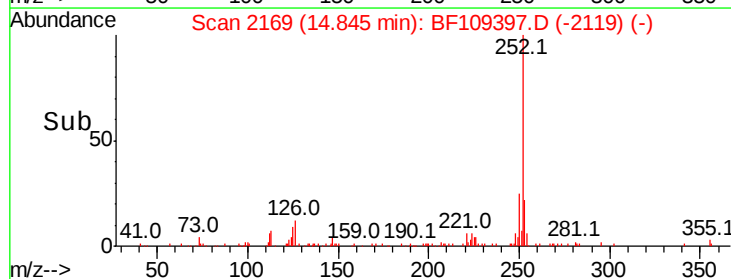
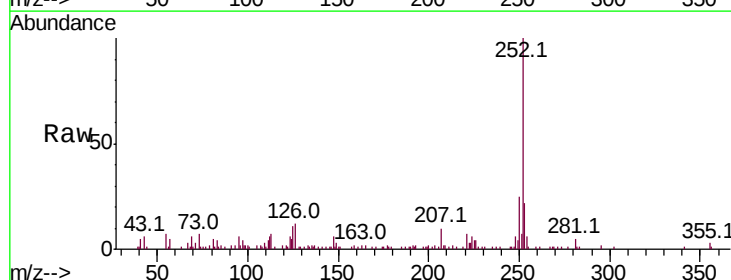
Manual Integrations
APPROVED

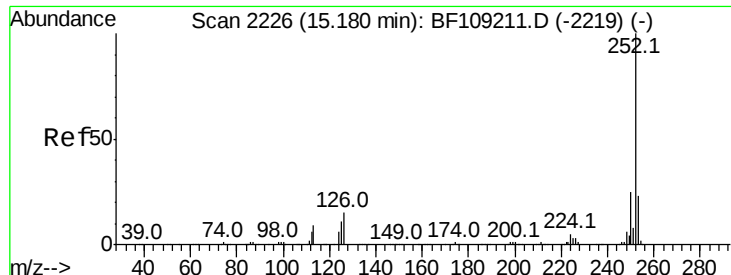
Sohil
9/28/2018 2:40:02 PM



#87
Benzo(b)fluoranthene
Concen: 3.233 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109397.D
Acq: 27 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	10.9	9.0	13.6





#89
 Benzo(a)pyrene
 Concen: 2.226 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BF109397.D
 Acq: 27 Sep 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-186-092418-2

Tot Ion:	252	Resp:	28777
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.1	25.7
125	12.2	9.8	14.6

Manual Integrations
 APPROVED

Sohil
 9/28/2018 2:40:02 PM

