

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109401.D
 Acq On : 27 Sep 2018 21:28
 Operator : JU/SJ
 Sample : J5077-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-193-092418-2

Manual Integrations
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Quant Time: Sep 28 05:43:57 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	109562	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	407663	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	171378	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	270430	20.00	ng	0.00
75) Chrysene-d12	13.84	240	254925	20.00	ng	0.00
86) Perylene-d12	15.24	264	190862	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	534457	80.35	ng	0.00
7) Phenol-d6	6.35	99	690907	81.40	ng	-0.01
23) Nitrobenzene-d5	7.27	82	432381	62.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	131945	78.10	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	736676	64.83	ng	-0.01
78) Terphenyl-d14	12.79	244	584182	56.24	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.46	163	267138	21.431	ng	99
70) Phenanthrene	11.23	178	57158	4.233	ng	99
74) Fluoranthene	12.42	202	106067	7.351	ng	96
77) Pyrene	12.65	202	116610	6.383	ng	99
80) Benzo(a)anthracene	13.83	228	56639	3.689	ng	92
82) Chrysene	13.86	228	60133	3.951	ng	97
87) Benzo(b)fluoranthene	14.84	252	63697m	6.073	ng	
89) Benzo(a)pyrene	15.18	252	37683	3.987	ng	# 94
91) Benzo(g,h,i)perylene	16.99	276	24541	3.221	ng	# 91

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

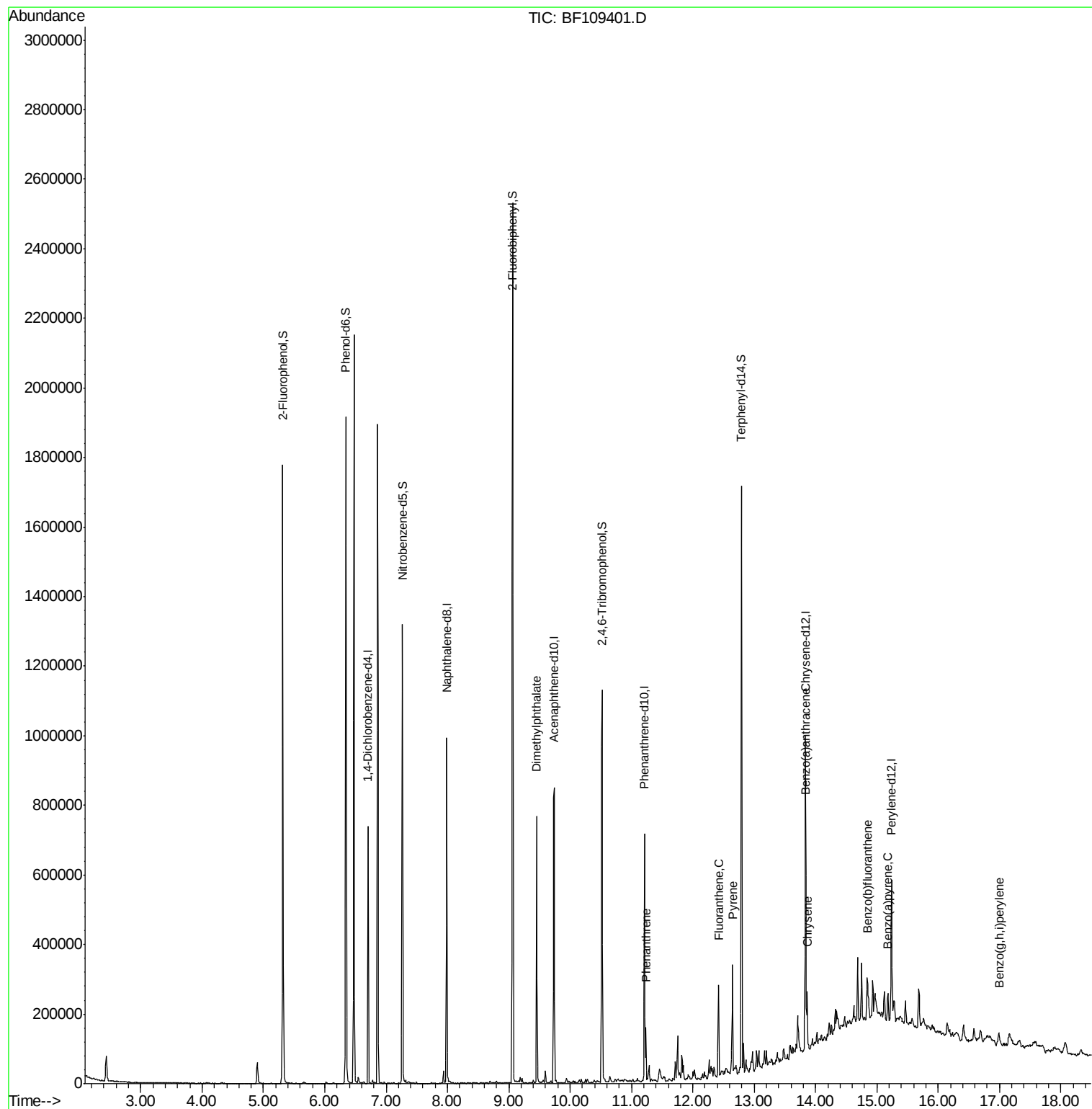
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109401.D
Acq On : 27 Sep 2018 21:28
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Sample : J5077-06
Misc :
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Manual Integrations
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#1

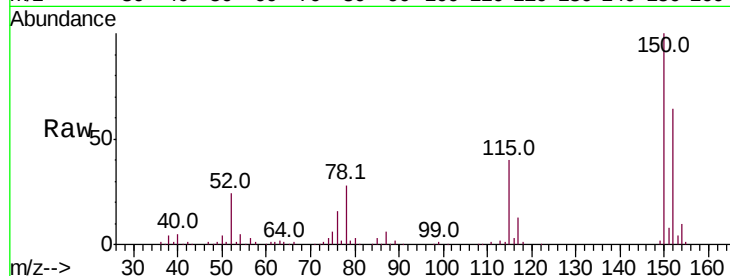
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109401.D
Acq: 27 Sep 2018 21:28

Instrument :
BNA_F
ClientSampleId :
PARCEL-193-092418-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	63.3	50.1	75.1

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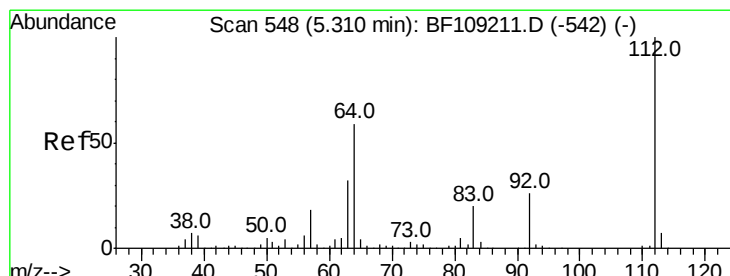
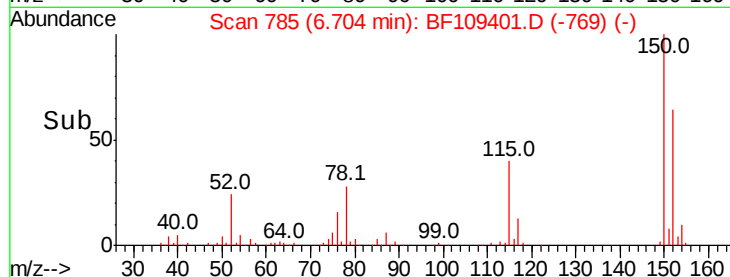
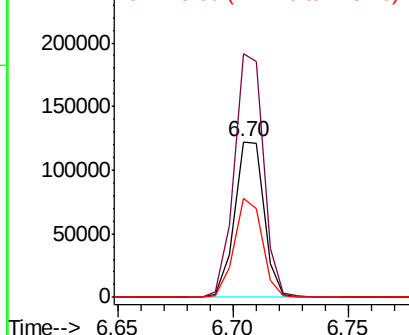


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

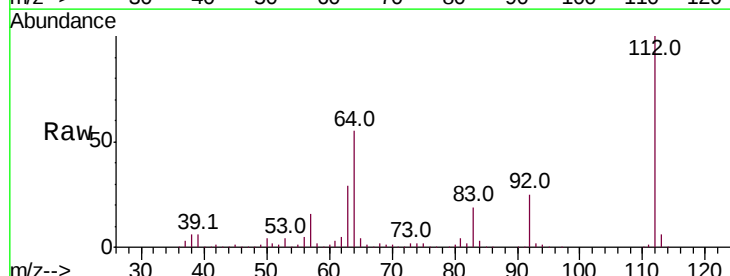
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.346 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109401.D
Acq: 27 Sep 2018 21:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	28.7	23.7	35.5

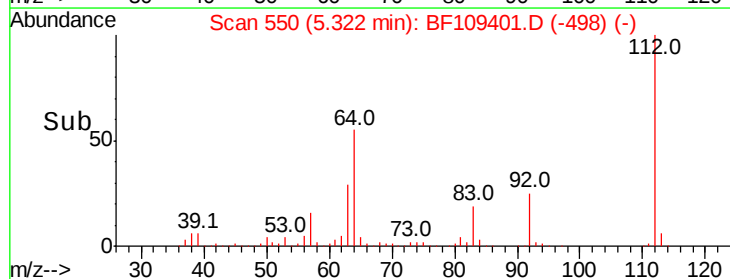
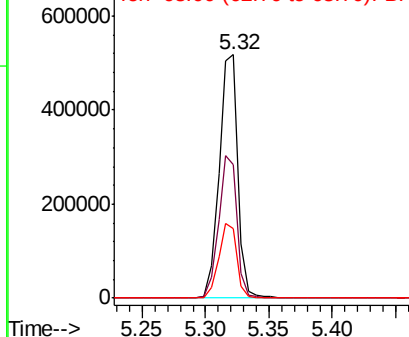


Abundance

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: 81.397 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109401.D

Acq: 27 Sep 2018 21:28

Instrument :

BNA_F

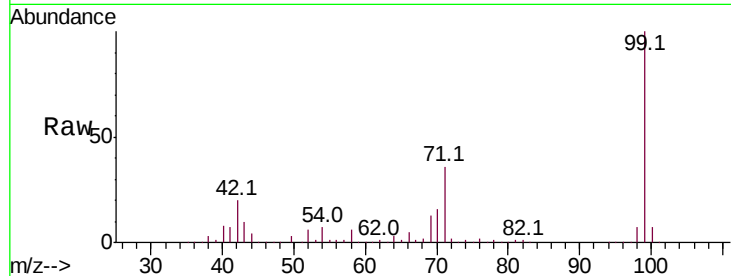
ClientSampleId :

PARCEL-193-092418-2

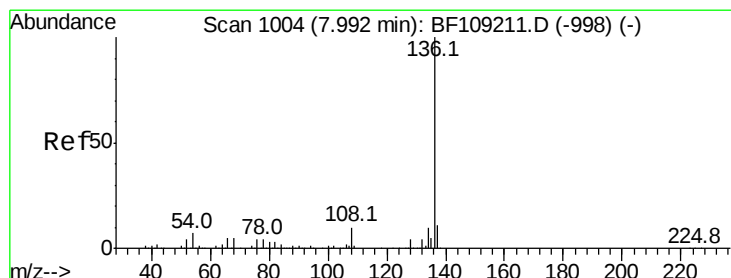
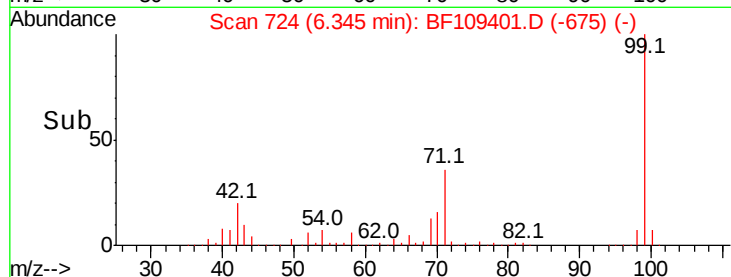
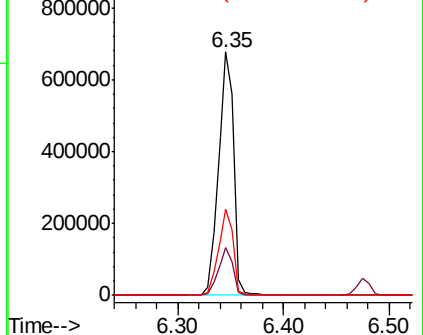
Tot Ion:	99	Resp:	690907
Ion Ratio	Lower	Upper	
99	100		
42	19.5	14.5	21.7
71	35.6	25.4	38.0

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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

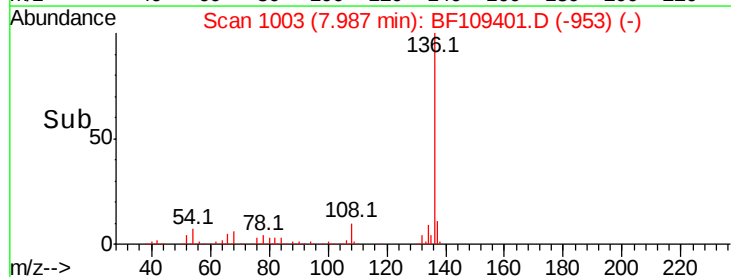
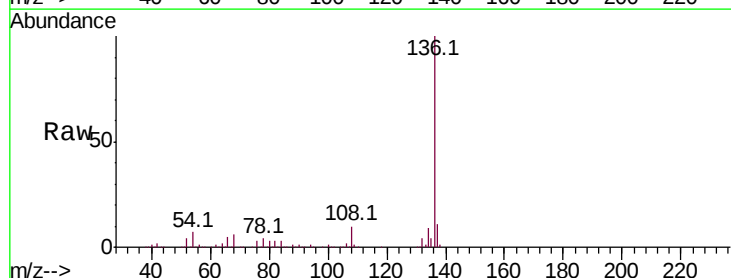
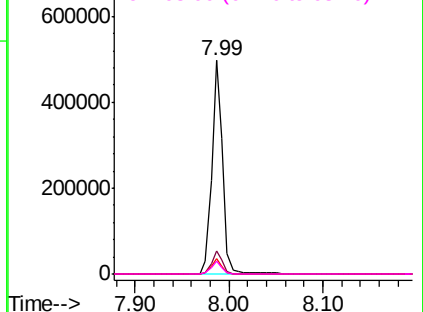
Delta R.T. -0.01 min

Lab File: BF109401.D

Acq: 27 Sep 2018 21:28

Tgt Ion:	136	Resp:	407663
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.2	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





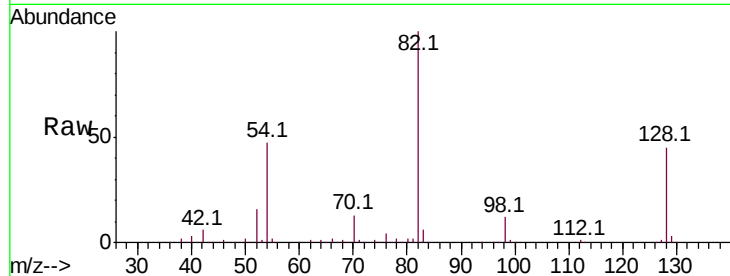
#23
 Nitrobenzene-d5
 Concen: 62.611 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109401.D
 Acq: 27 Sep 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-193-092418-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	46.6	41.4	62.2

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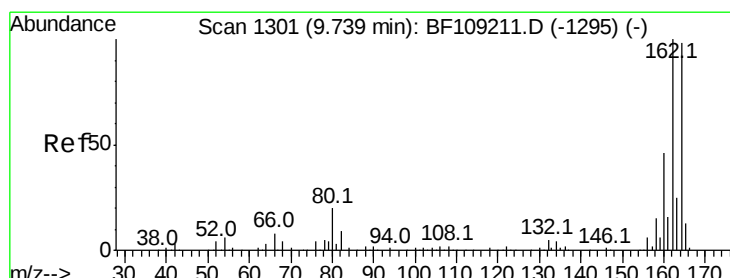
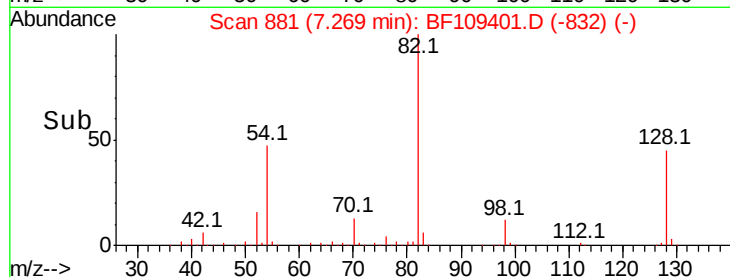
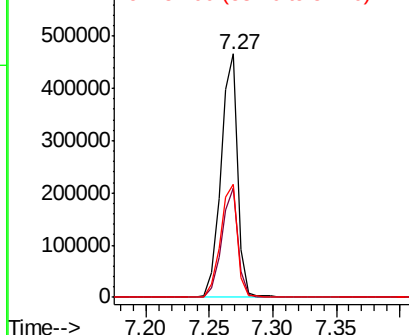


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

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: BF109401.D
 Acq: 27 Sep 2018 21:28

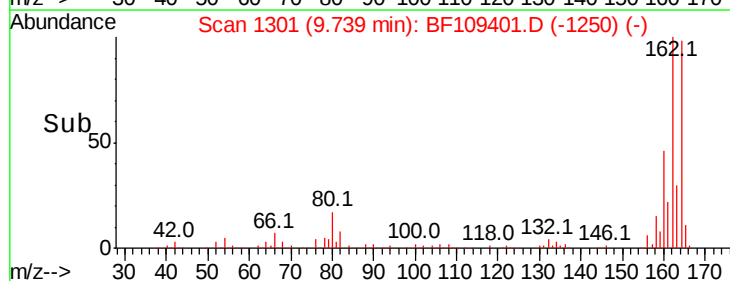
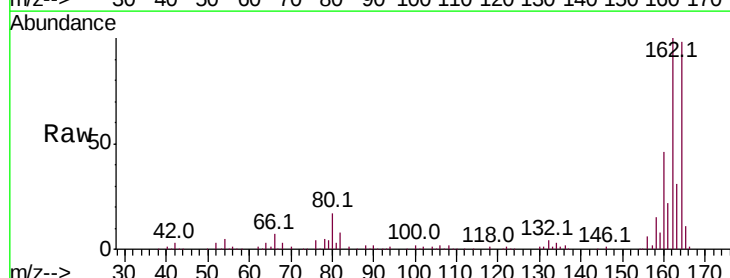
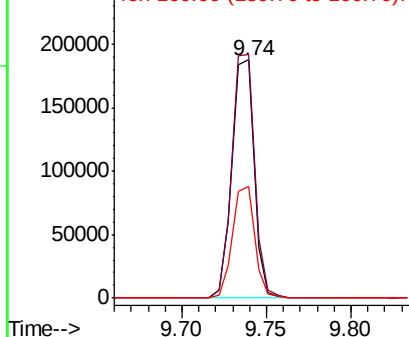
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	46.7	38.3	57.5

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





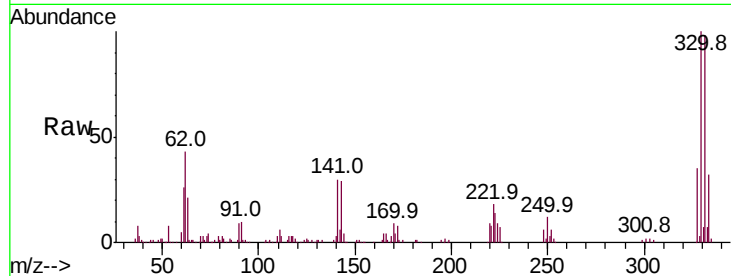
#41
 2,4,6-Tribromophenol
 Concen: 78.100 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109401.D
 Acq: 27 Sep 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-193-092418-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.9	77.0	115.6	
141	33.7	29.9	44.9	

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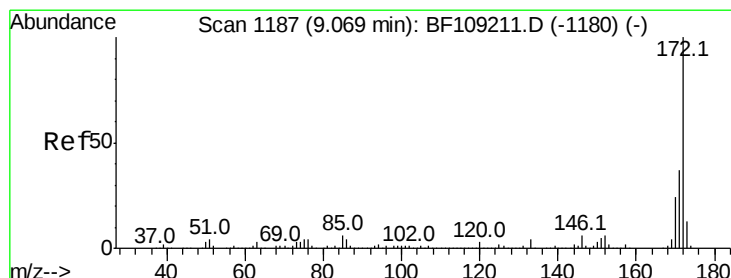
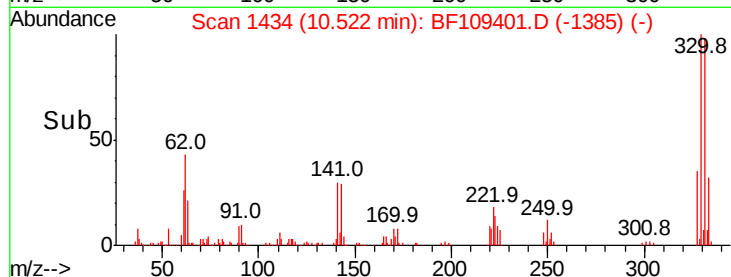
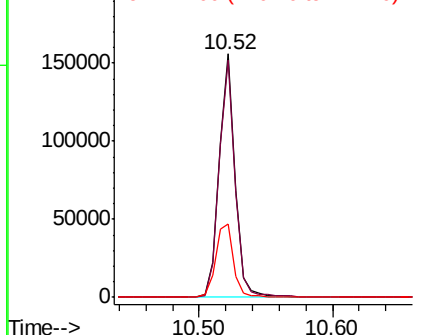


Abundance

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: 64.830 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109401.D
 Acq: 27 Sep 2018 21:28

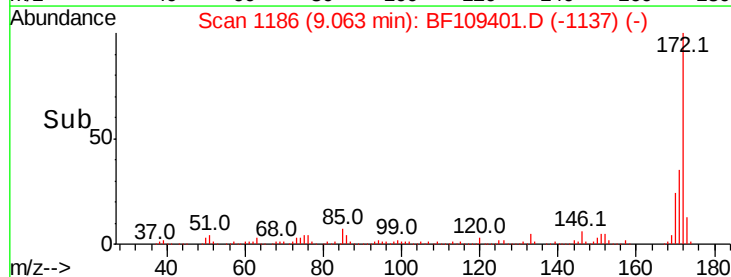
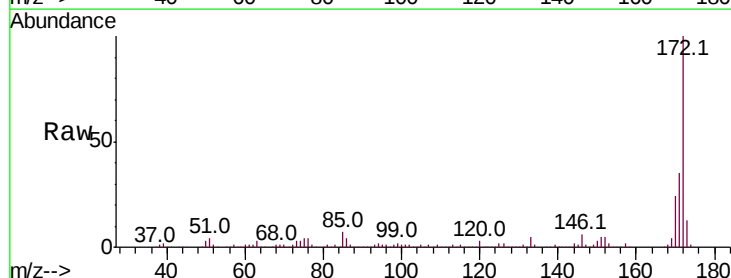
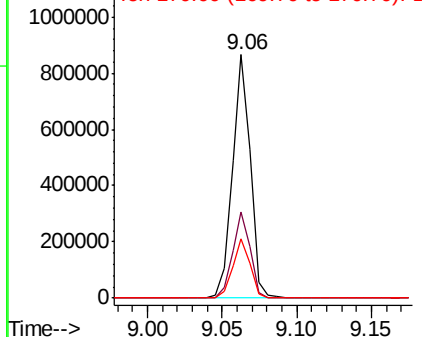
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.7	44.5	
170	24.4	19.6	29.4	

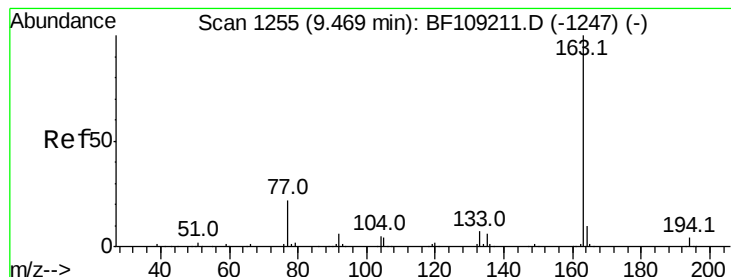
Abundance

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: 21.431 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF109401.D

Acq: 27 Sep 2018 21:28

Instrument :

BNA_F

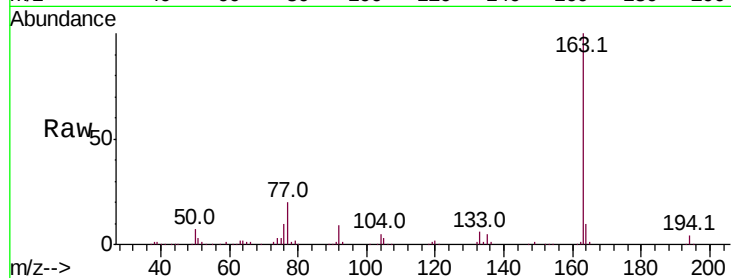
ClientSampleId :

PARCEL-193-092418-2

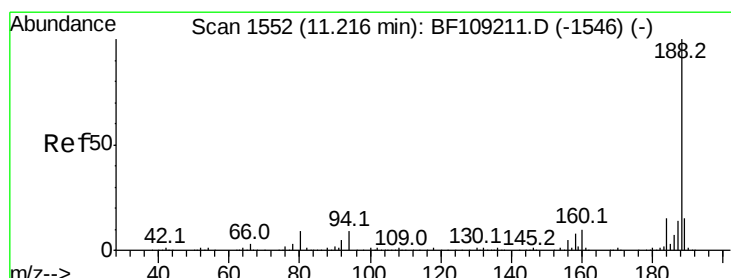
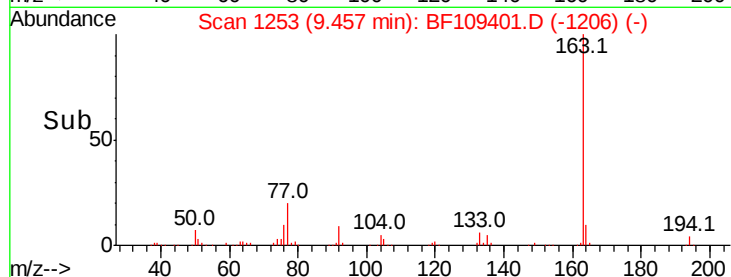
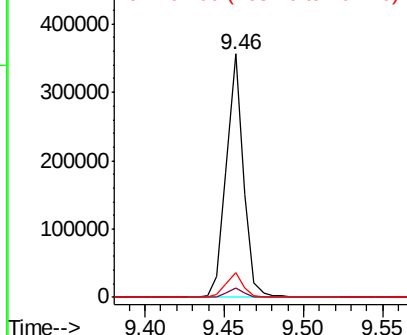
Tot Ion:	163	Resp:	267138
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.0	8.2	12.2

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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

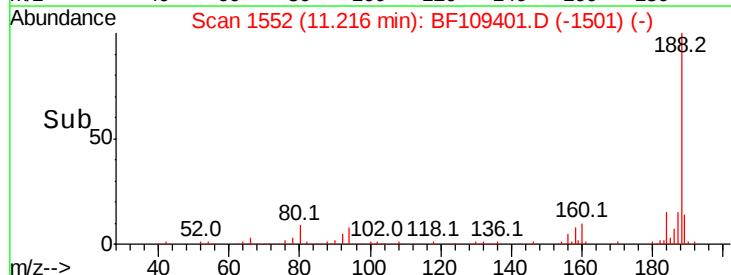
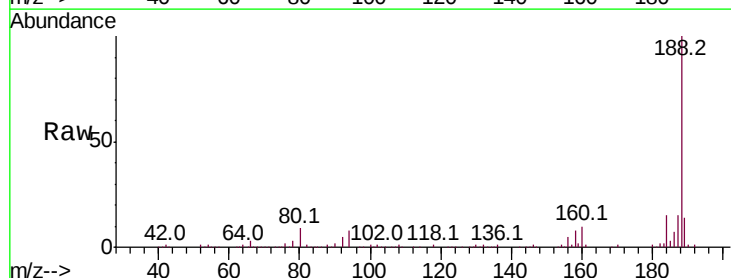
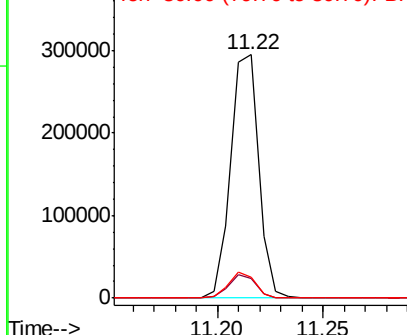
Delta R.T. 0.00 min

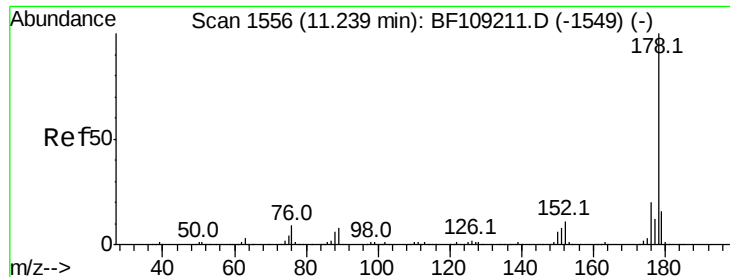
Lab File: BF109401.D

Acq: 27 Sep 2018 21:28

Tgt Ion:	188	Resp:	270430
Ion Ratio	Lower	Upper	
188	100		
94	8.2	8.5	12.7#
80	8.8	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





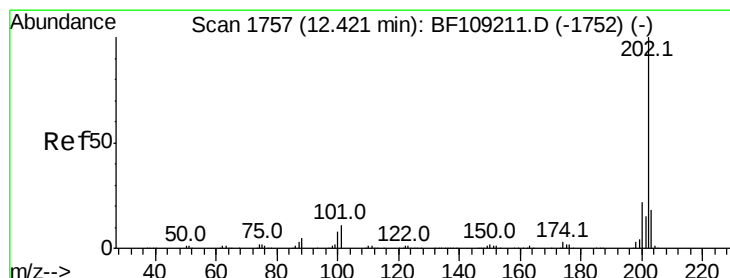
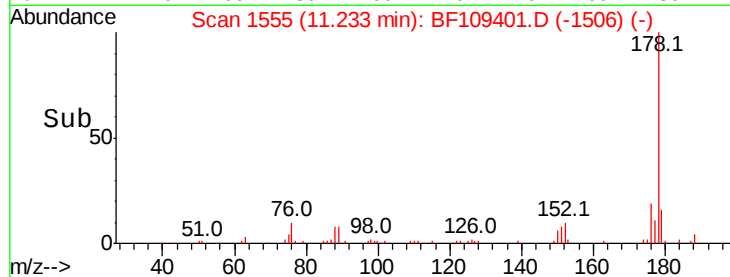
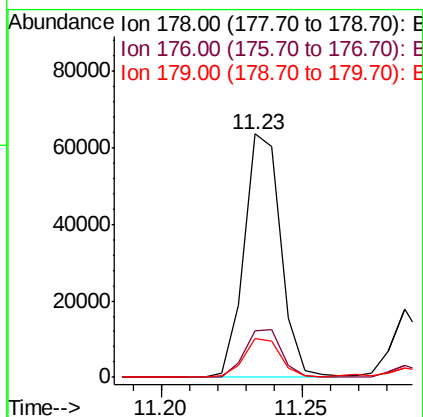
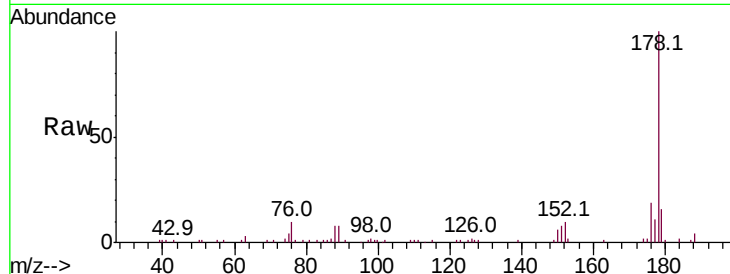
#70
Phenanthrene
Concen: 4.233 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109401.D
Acq: 27 Sep 2018 21:28

Instrument :
BNA_F
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PARCEL-193-092418-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	16.1	13.0	19.6

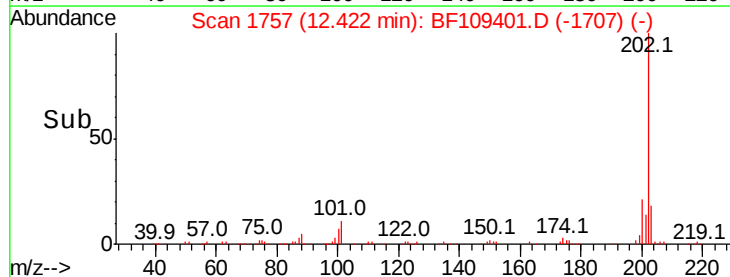
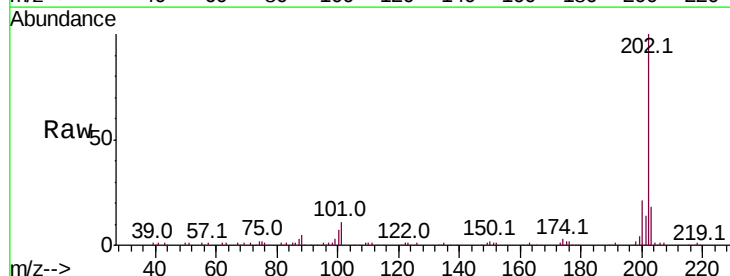
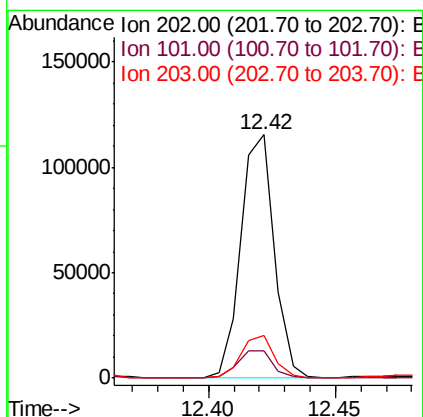
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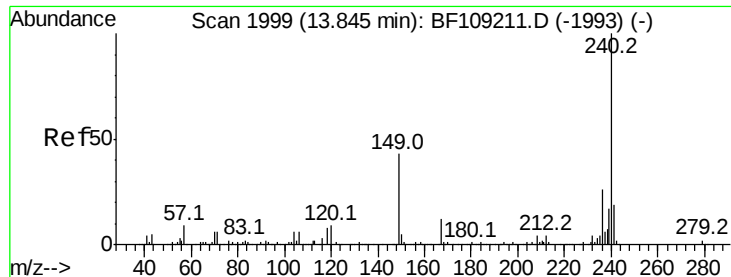
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#74
Fluoranthene
Concen: 7.351 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109401.D
Acq: 27 Sep 2018 21:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109401.D

Acq: 27 Sep 2018 21:28

Instrument :

BNA_F

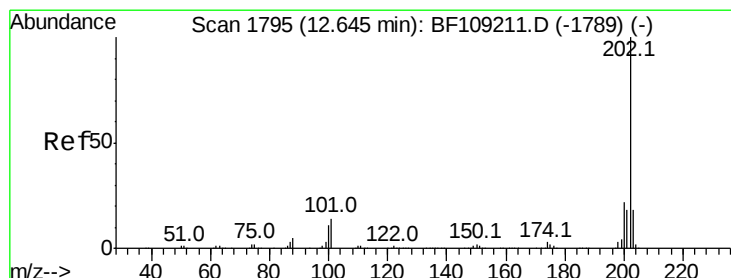
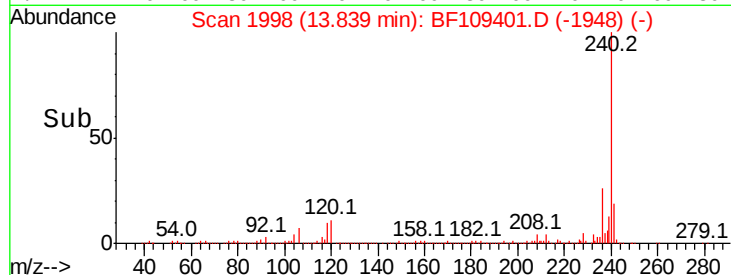
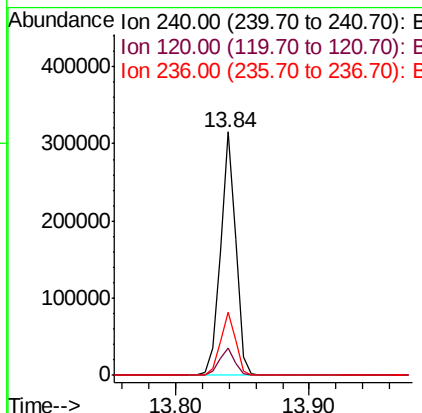
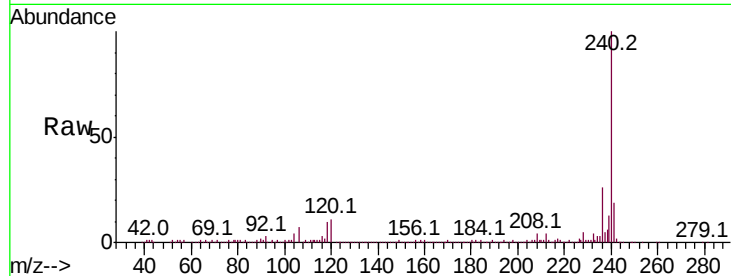
ClientSampleId :

PARCEL-193-092418-2

Tot Ion:	240	Resp:	254925
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.5	14.3
236	25.7	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 6.383 ng

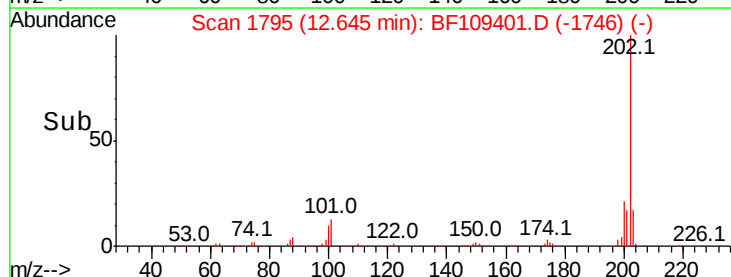
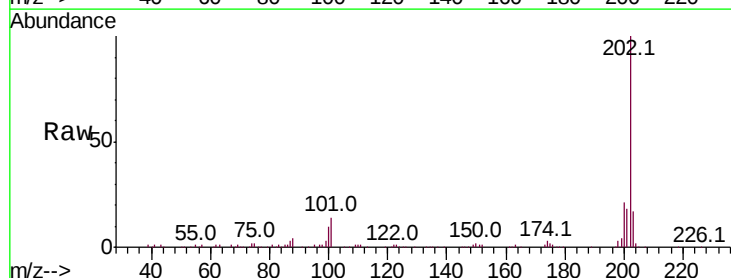
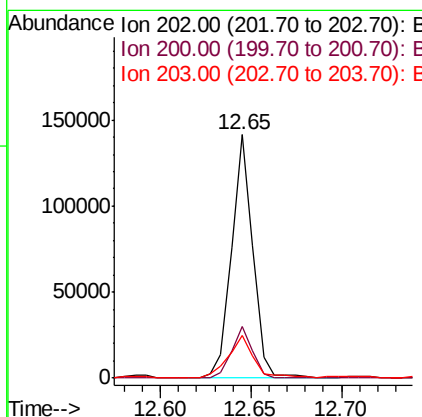
RT: 12.65 min Scan# 1795

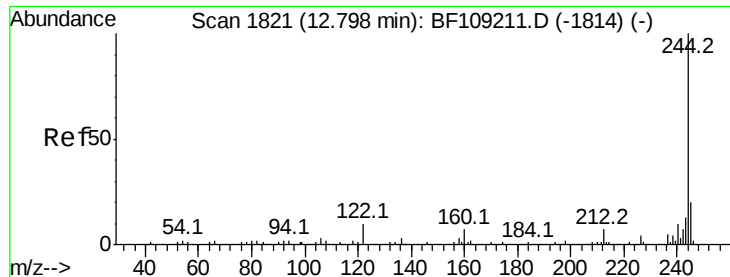
Delta R.T. -0.01 min

Lab File: BF109401.D

Acq: 27 Sep 2018 21:28

Tgt Ion:	202	Resp:	116610
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.2
203	17.5	14.3	21.5





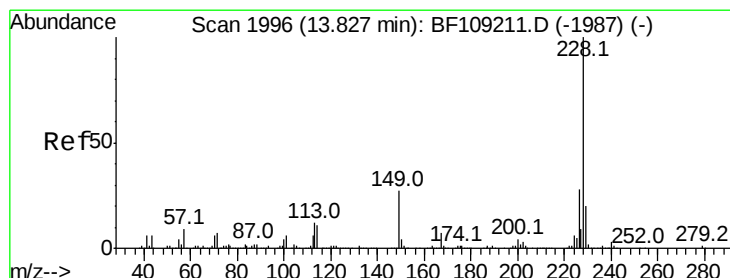
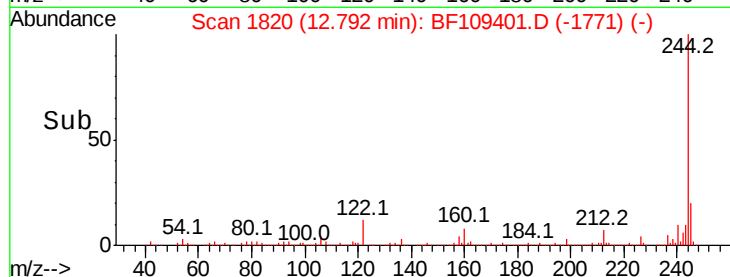
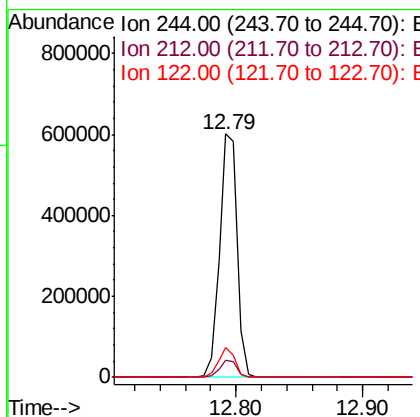
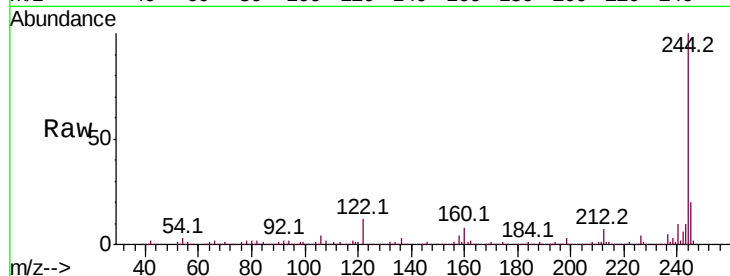
#78
 Terphenyl-d14
 Concen: 56.239 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109401.D
 Acq: 27 Sep 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-193-092418-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.4	11.0	16.4

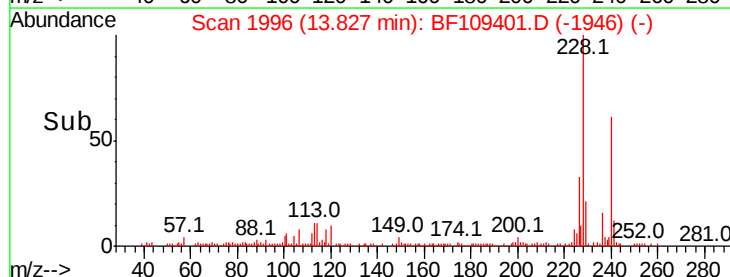
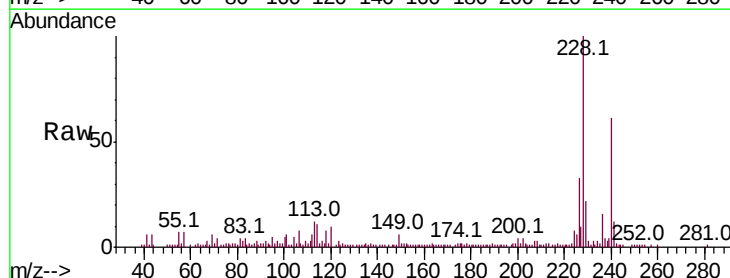
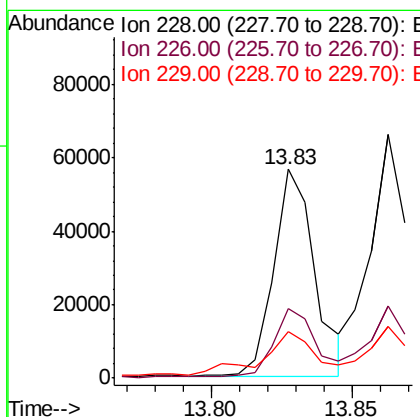
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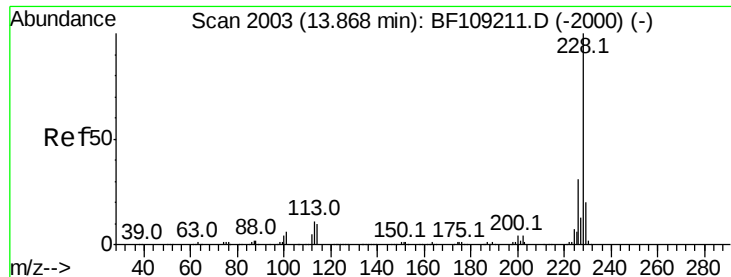
Sohil
 9/28/2018 2:40:24 PM



#80
 Benzo(a)anthracene
 Concen: 3.689 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109401.D
 Acq: 27 Sep 2018 21:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.4	22.6	33.8
229	22.1	15.8	23.6





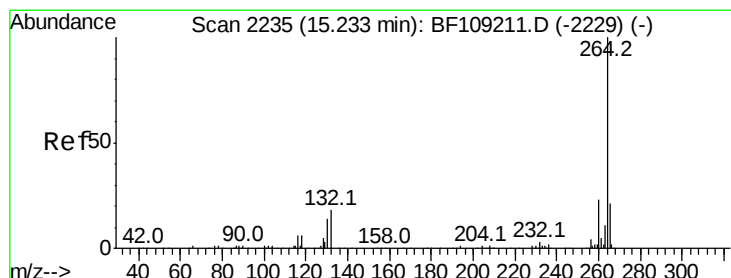
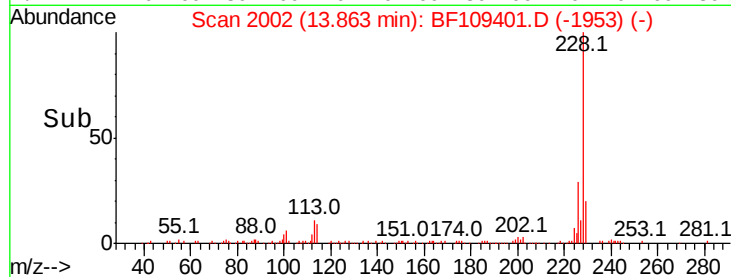
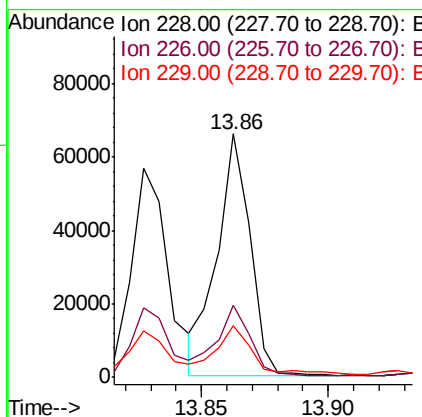
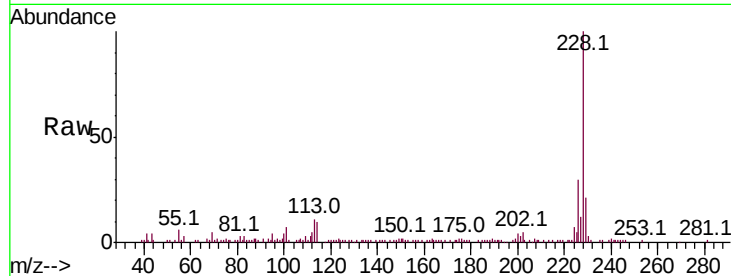
#82
Chrysene
Concen: 3.951 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109401.D
Acq: 27 Sep 2018 21:28

Instrument :
BNA_F
ClientSampleId :
PARCEL-193-092418-2

Tot Ion:	228	Resp:	60133
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.0	37.6
229	21.5	16.2	24.4

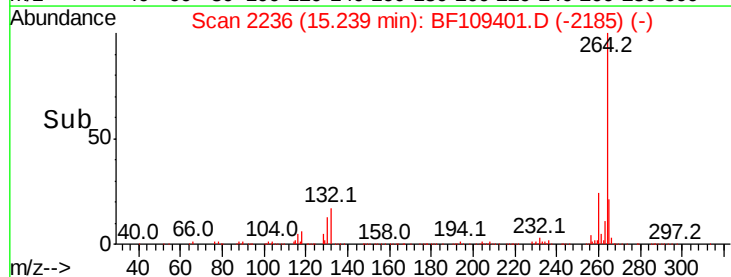
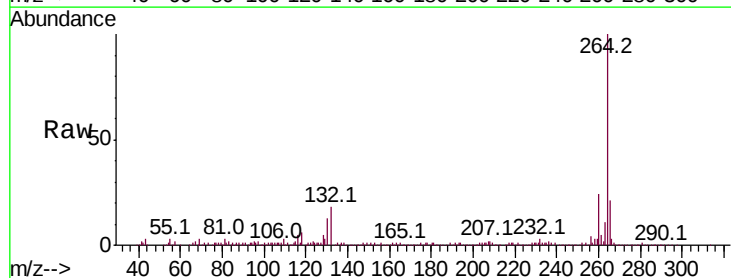
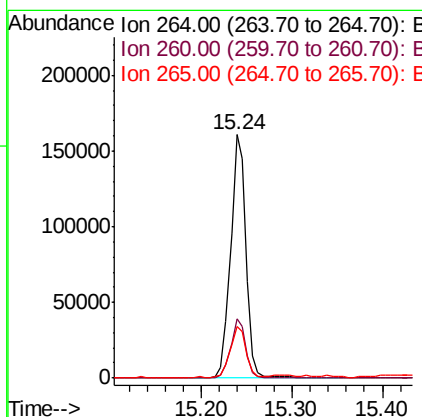
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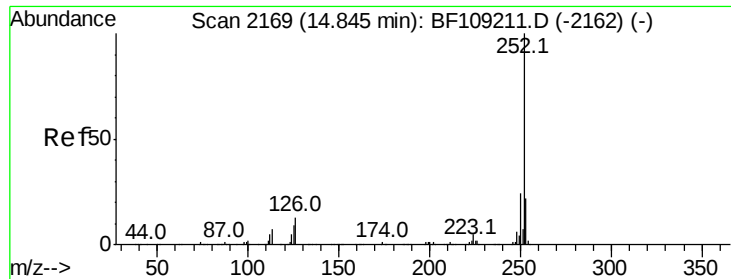
Sohil
9/28/2018 2:40:24 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109401.D
Acq: 27 Sep 2018 21:28

Tgt Ion:	264	Resp:	190862
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	21.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 6.073 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF109401.D

Acq: 27 Sep 2018 21:28

Instrument :

BNA_F

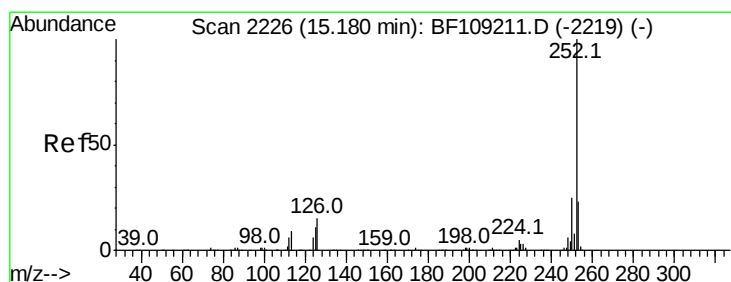
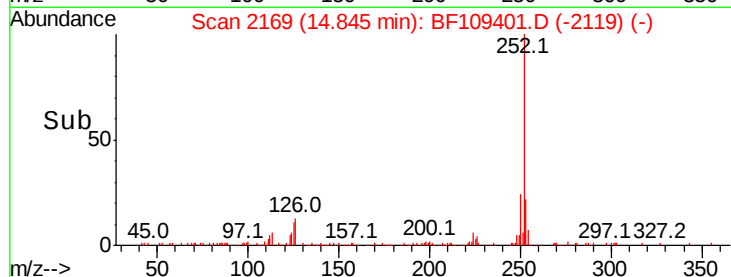
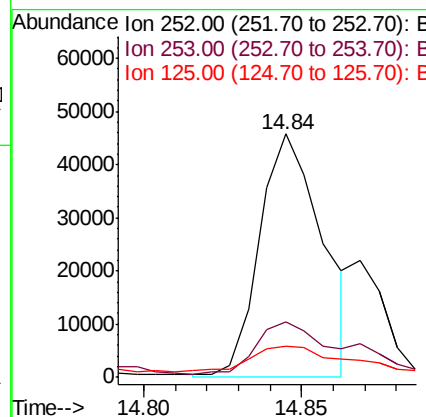
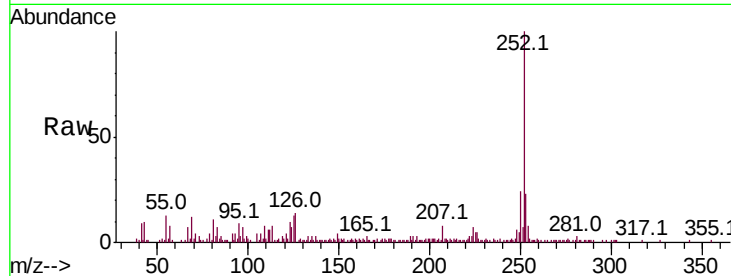
ClientSampleId :

PARCEL-193-092418-2

Tot Ion:	252	Resp:	63697
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.0	25.6
125	12.9	9.0	13.6

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 3.987 ng

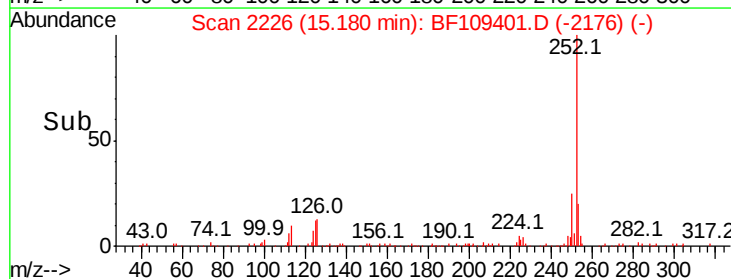
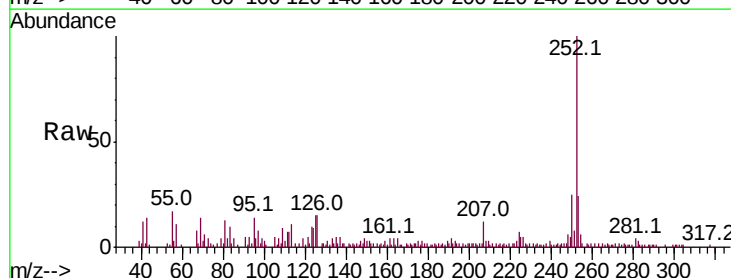
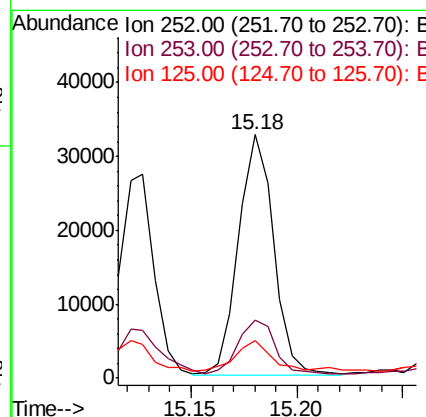
RT: 15.18 min Scan# 2226

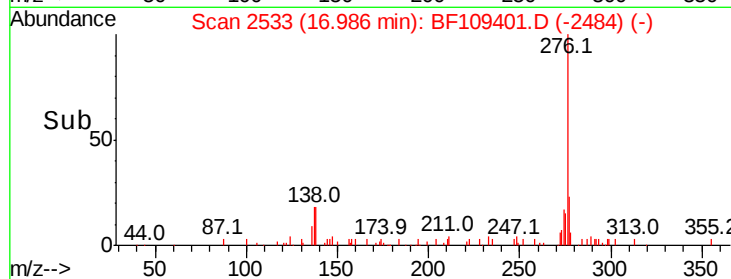
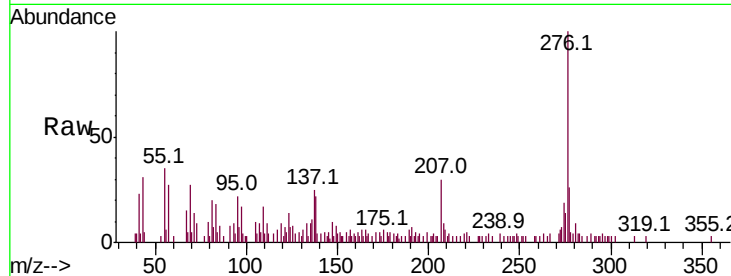
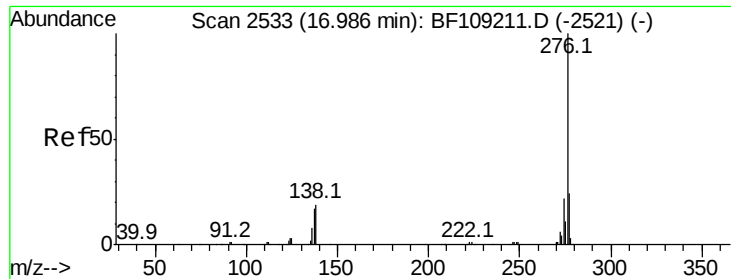
Delta R.T. -0.01 min

Lab File: BF109401.D

Acq: 27 Sep 2018 21:28

Tgt Ion:	252	Resp:	37683
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.1	25.7
125	15.4	9.8	14.6#





#91

Benzo(a,h,i)perylene

Concen: 3.221 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF109401.D

Acq: 27 Sep 2018 21:28

Instrument :

BNA_F

ClientSampleId :

PARCEL-193-092418-2

Tot Ion:	276	Resp:	24541
Ion Ratio	Lower	Upper	
276	100		
277	25.6	17.9	26.9
138	21.6	21.8	32.8#

Manual Integrations
APPROVED

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