

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109439.D
 Acq On : 28 Sep 2018 19:25
 Operator : JU/SJ
 Sample : J5118-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063

Manual Integrations
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Sohil
 10/1/2018 9:57:14 AM

Quant Time: Sep 29 04:54:34 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	90361	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	301200	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	121590	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	237424	20.00	ng	0.00
75) Chrysene-d12	13.84	240	197625	20.00	ng	0.00
86) Perylene-d12	15.25	264	153893	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	403670	73.58	ng	0.00
7) Phenol-d6	6.35	99	483653	69.09	ng	0.00
23) Nitrobenzene-d5	7.27	82	279452	54.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	97653	81.47	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	444903	55.19	ng	-0.01
78) Terphenyl-d14	12.80	244	432733	53.74	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	64594	7.304	ng	99
70) Phenanthrene	11.24	178	36061	3.042	ng	98
74) Fluoranthene	12.42	202	61951	4.890	ng	98
77) Pyrene	12.65	202	54550	3.851	ng	97
80) Benzo(a)anthracene	13.83	228	24770	2.081	ng	95
87) Benzo(b)fluoranthene	14.85	252	23709m	2.804	ng	
89) Benzo(a)pyrene	15.19	252	15757	2.068	ng	80

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

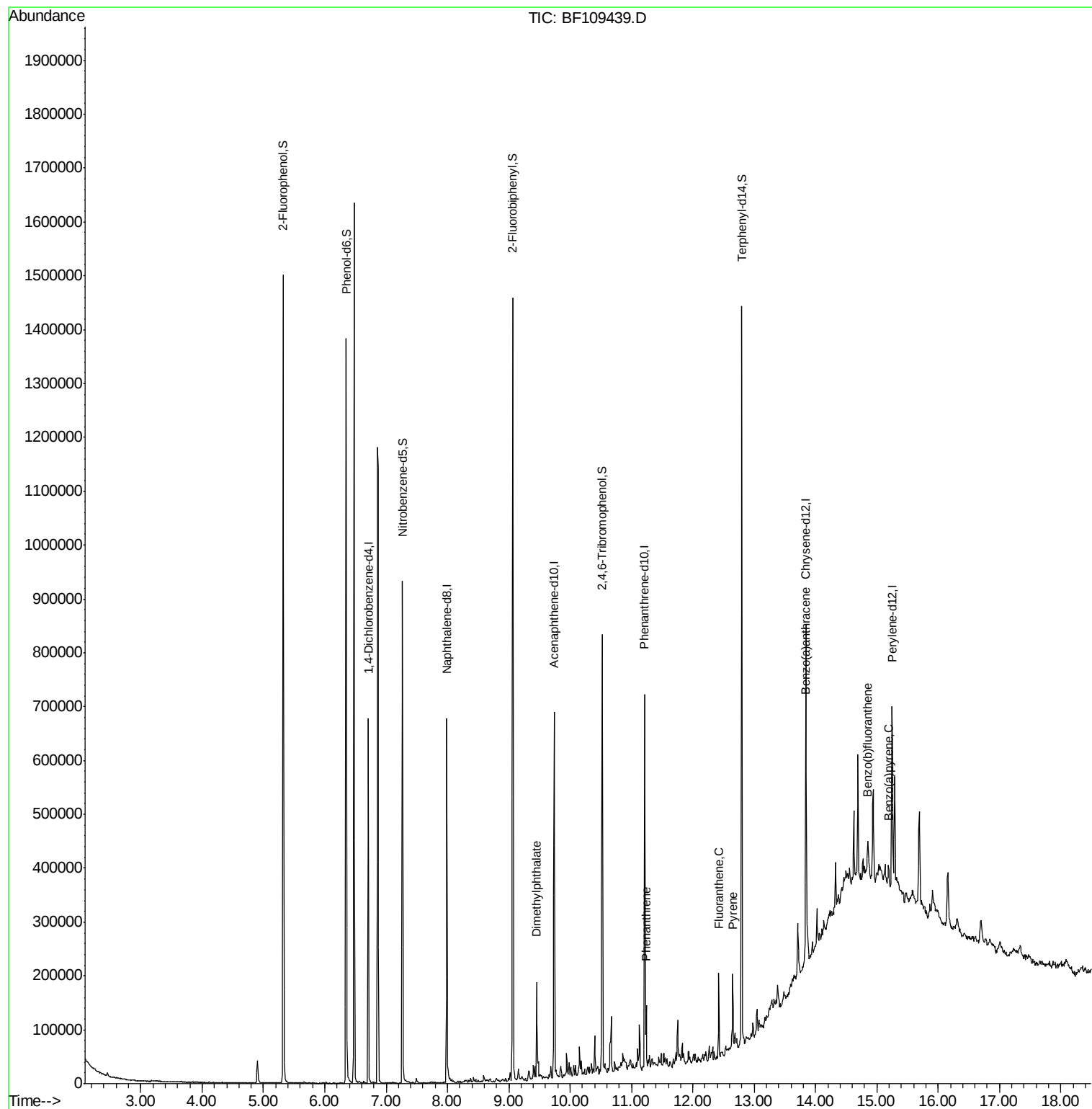
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
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#1

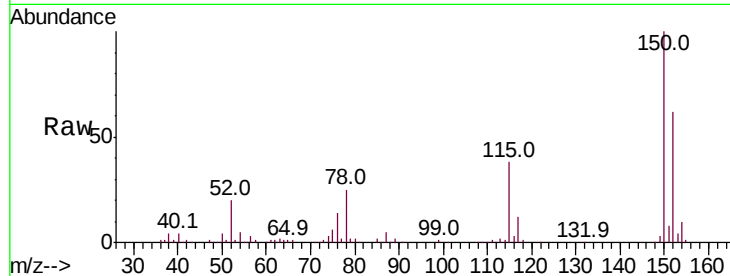
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109439.D
Acq: 28 Sep 2018 19:25

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.6	186.8
115	61.6	50.1	75.1

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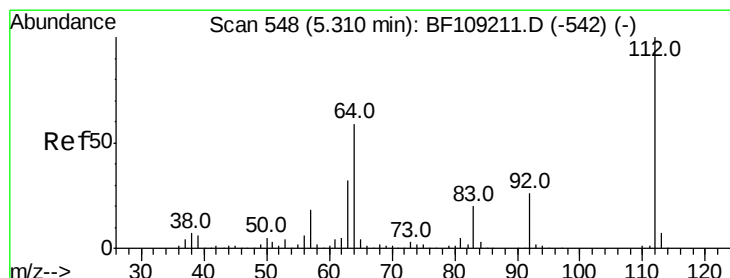
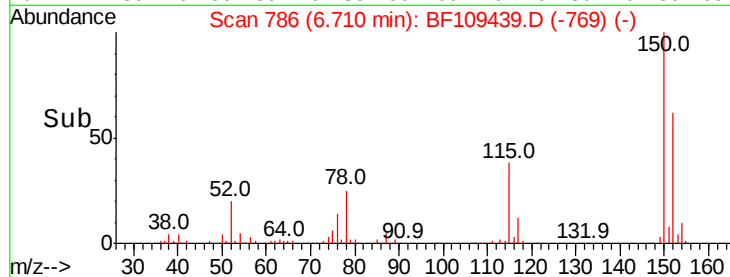
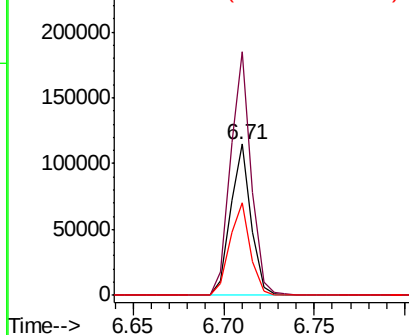


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

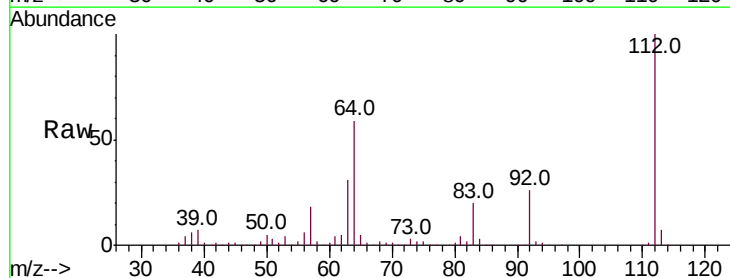
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 73.580 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109439.D
Acq: 28 Sep 2018 19:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.9	71.9
63	31.4	23.7	35.5

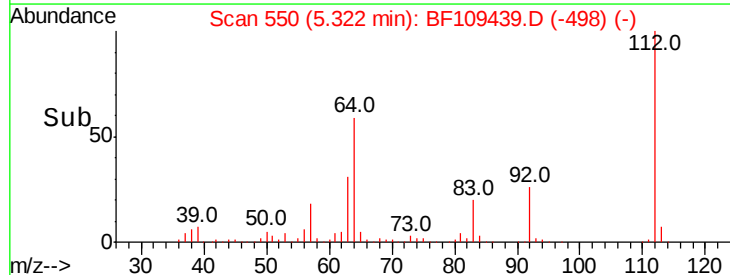
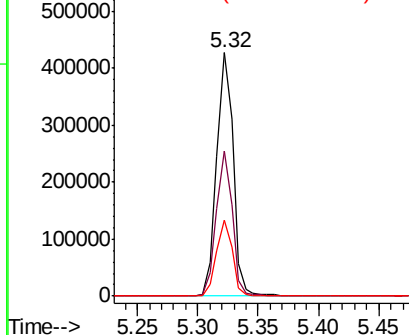


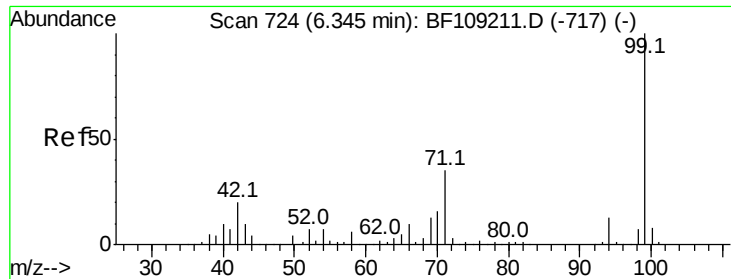
Abundance

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: 69.088 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109439.D

Acq: 28 Sep 2018 19:25

Instrument :

BNA_F

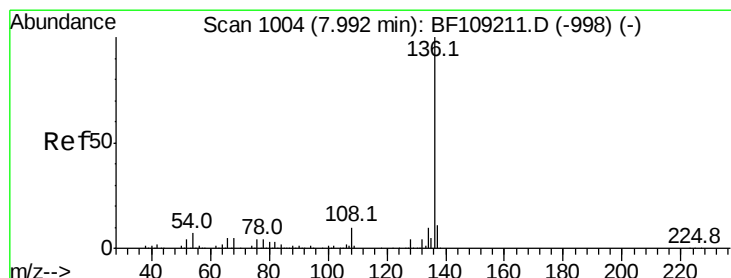
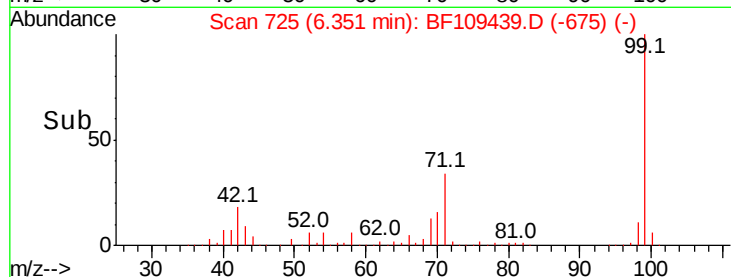
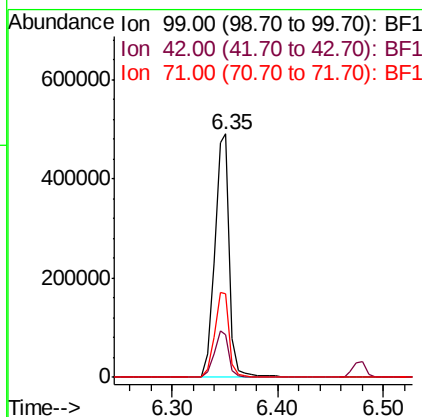
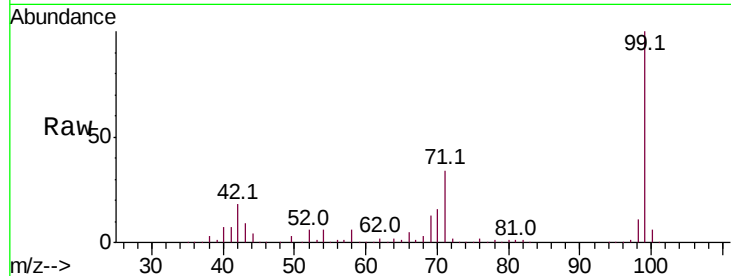
ClientSampleId :

RA-092518-USTEXC-NW-L-063

Tot Ion:	99	Resp:	483653
Ion Ratio	Lower	Upper	
99	100		
42	17.6	14.5	21.7
71	34.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

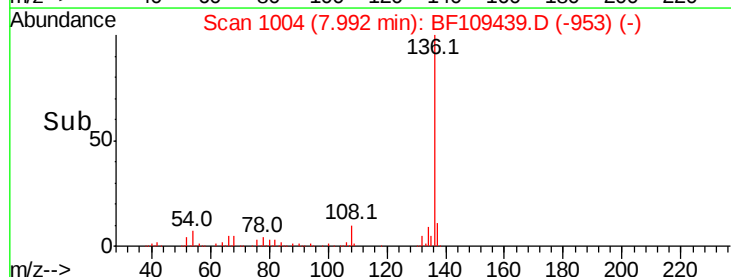
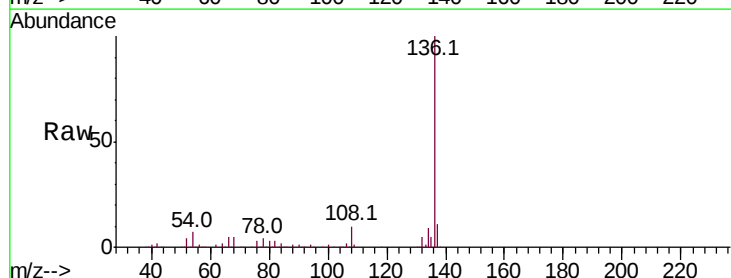
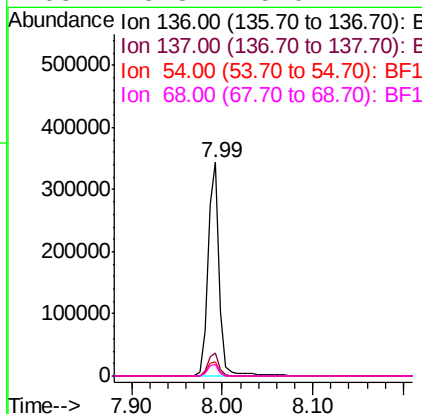
RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF109439.D

Acq: 28 Sep 2018 19:25

Tgt Ion:	136	Resp:	301200
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	6.6	6.6	9.8
68	5.3	5.0	7.4





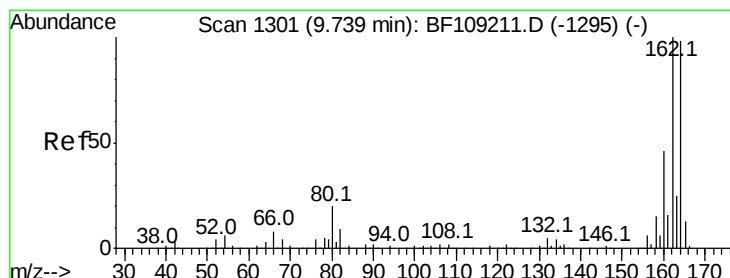
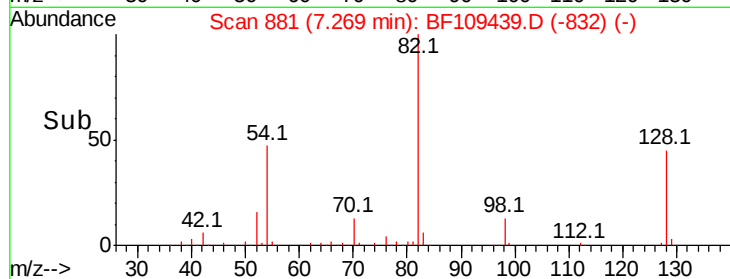
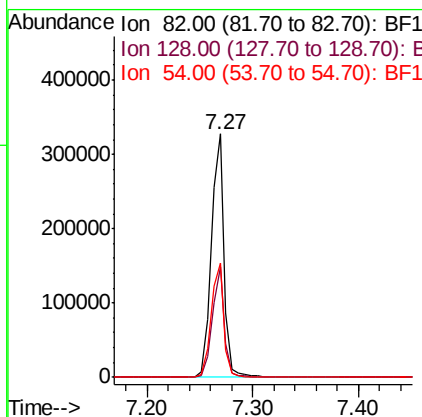
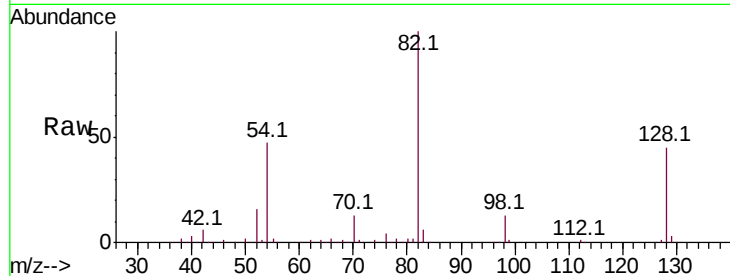
#23
 Nitrobenzene-d5
 Concen: 54.769 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109439.D
 Acq: 28 Sep 2018 19:25

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	47.0	41.4	62.2

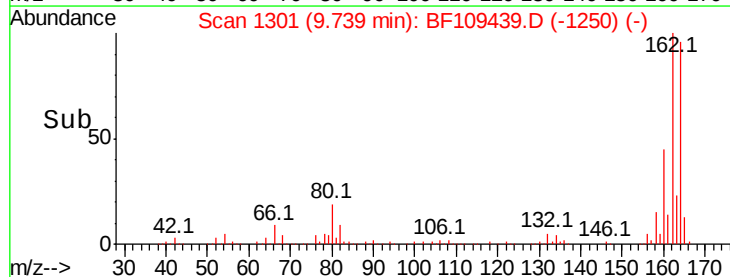
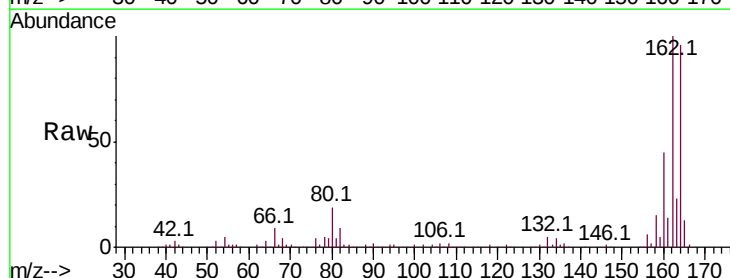
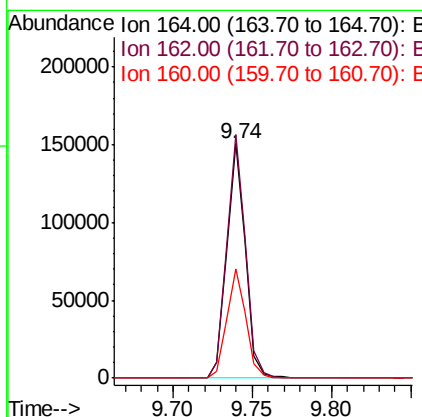
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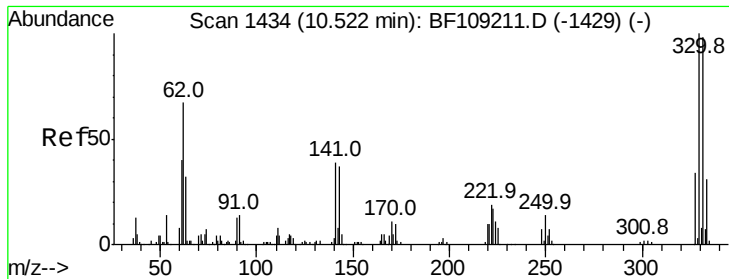
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109439.D
 Acq: 28 Sep 2018 19:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	46.8	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 81.471 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF109439.D

Acq: 28 Sep 2018 19:25

Instrument :

BNA_F

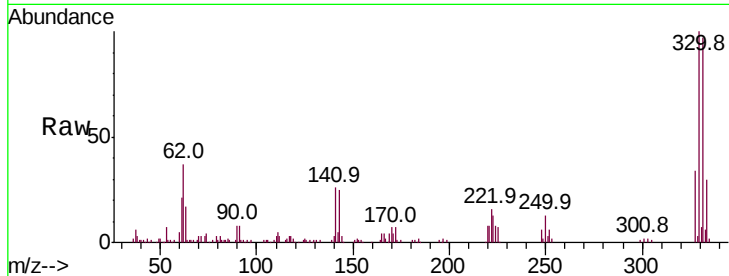
ClientSampleId :

RA-092518-USTEXC-NW-L-063

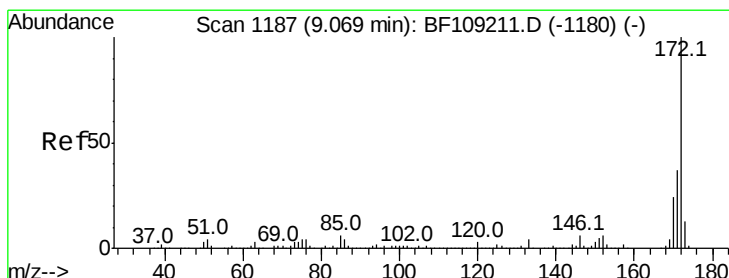
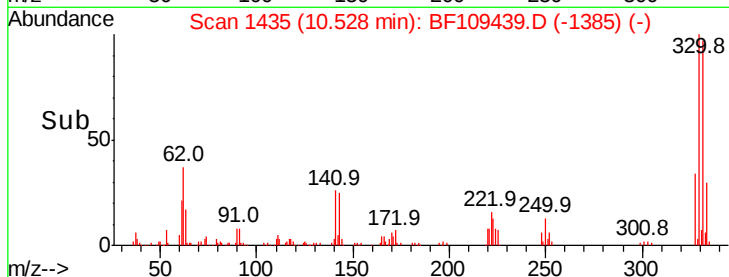
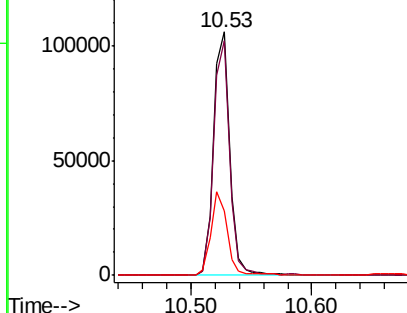
Tot Ion:	330	Resp:	97653
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.0	115.6
141	35.4	29.9	44.9

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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: 55.185 ng

RT: 9.06 min Scan# 1186

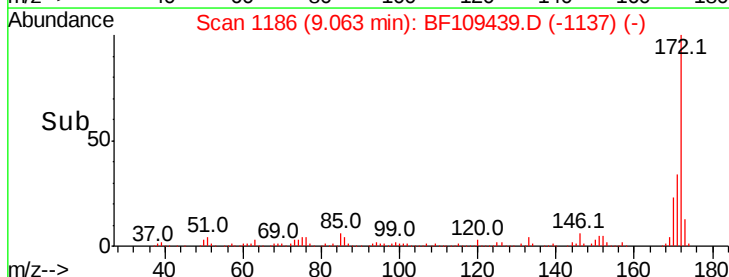
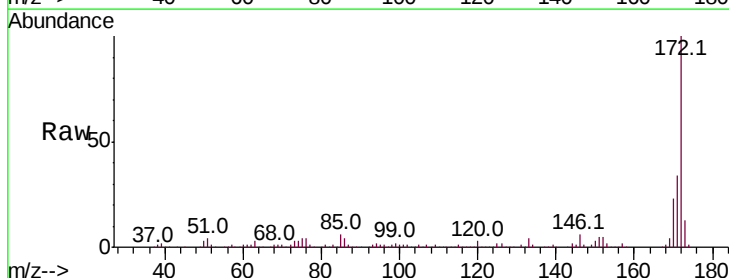
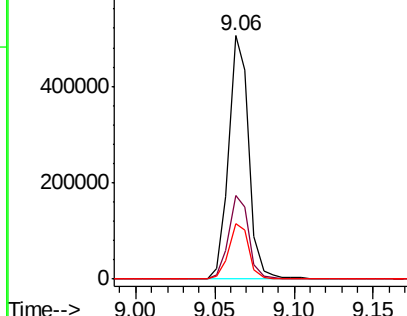
Delta R.T. -0.01 min

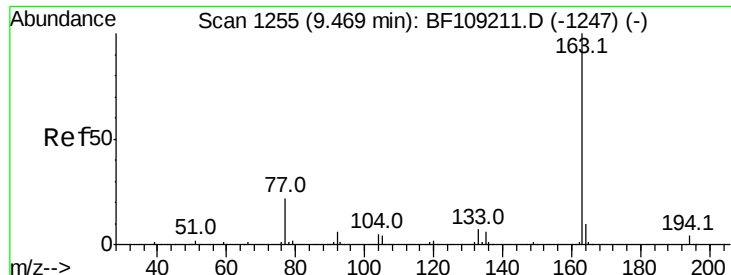
Lab File: BF109439.D

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Tgt Ion:	172	Resp:	444903
Ion Ratio	Lower	Upper	
172	100		
171	34.5	29.7	44.5
170	22.8	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





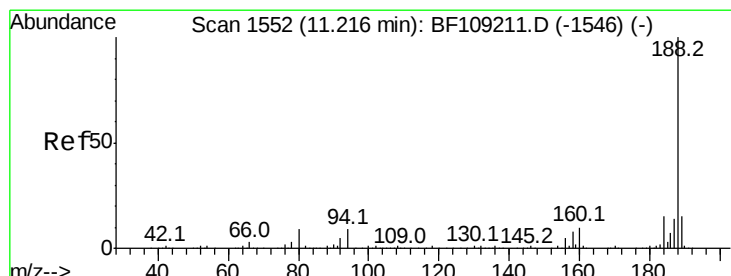
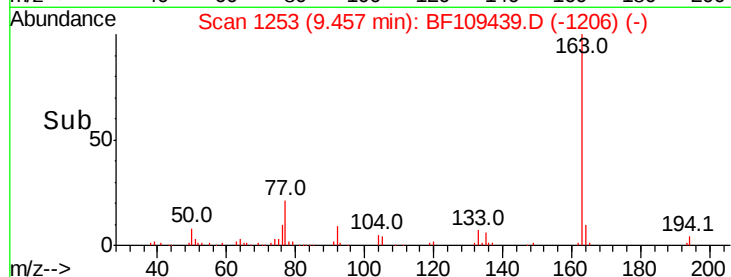
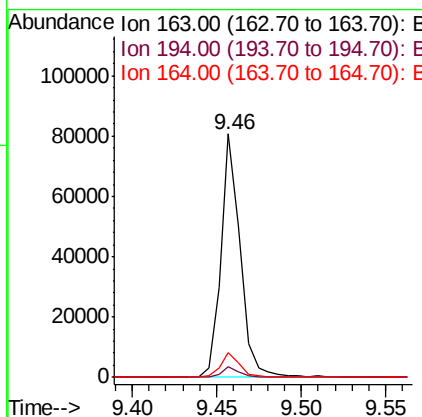
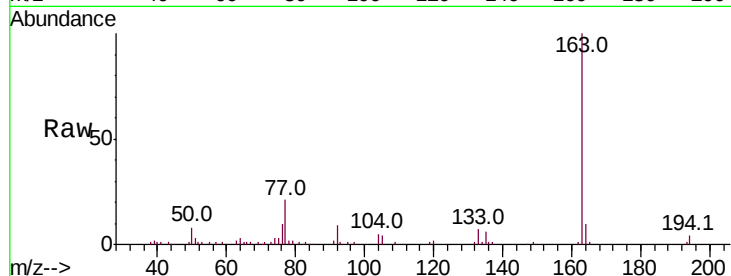
#49
 Dimethylphthalate
 Concen: 7.304 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109439.D
 Acq: 28 Sep 2018 19:25

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	2.7	4.1#	
164	10.1	8.2	12.2	

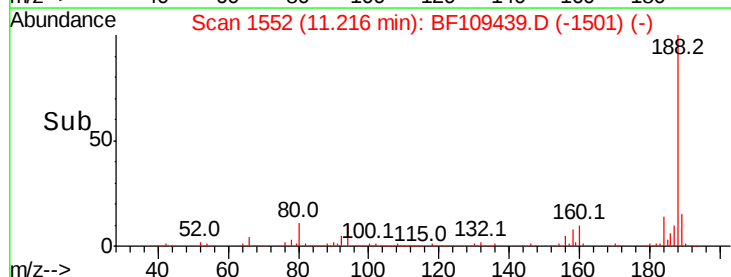
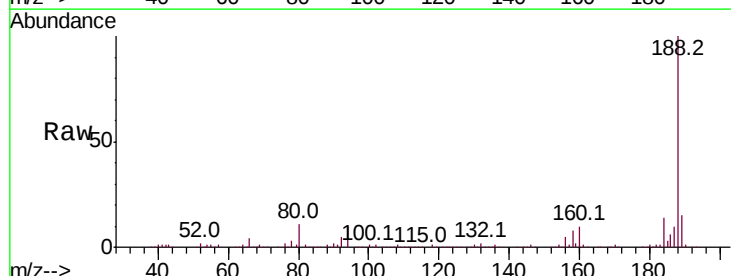
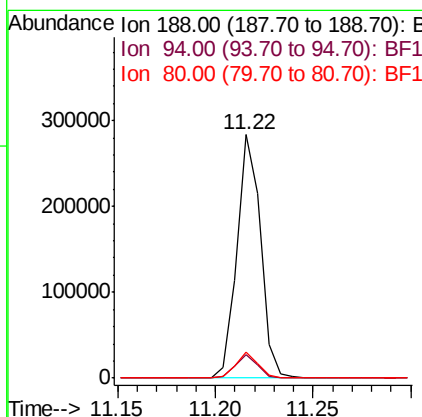
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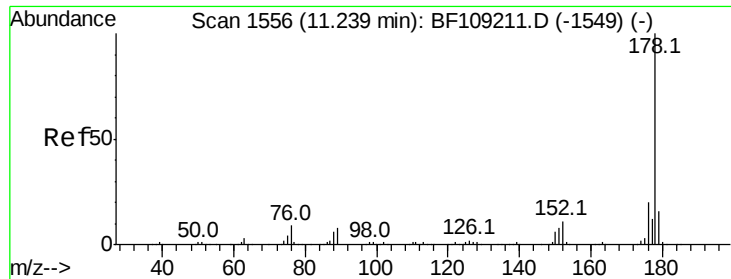
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109439.D
 Acq: 28 Sep 2018 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.6	8.5	12.7	
80	10.6	9.2	13.8	





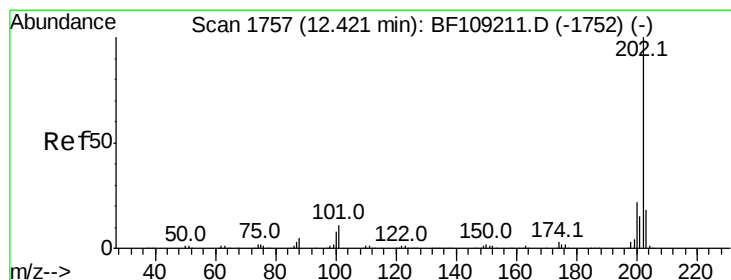
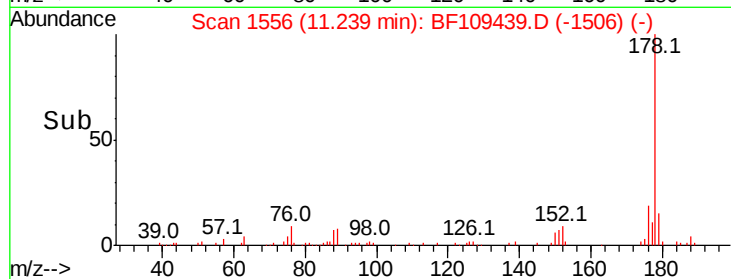
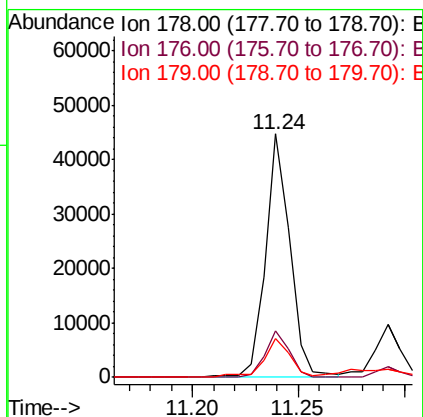
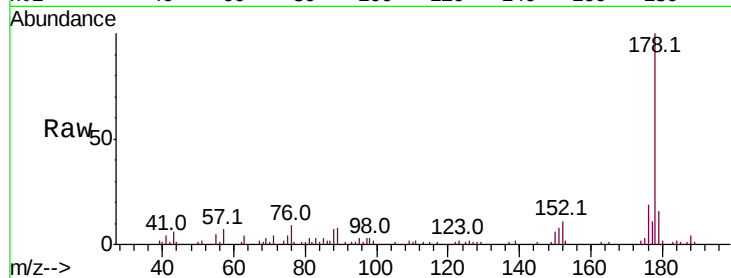
#70
Phenanthrene
Concen: 3.042 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109439.D
Acq: 28 Sep 2018 19:25

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.8	13.0	19.6

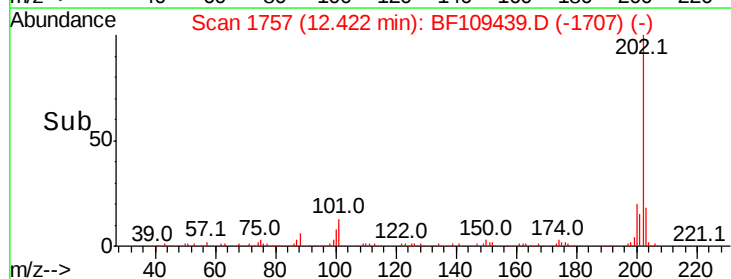
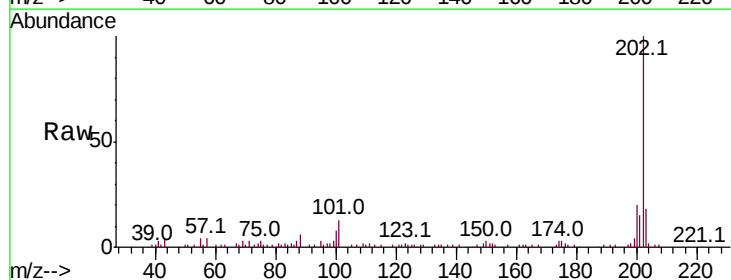
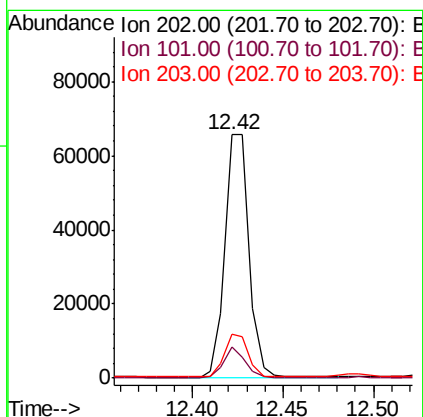
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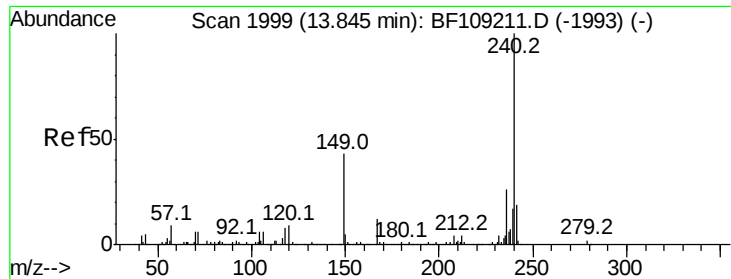
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#74
Fluoranthene
Concen: 4.890 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109439.D
Acq: 28 Sep 2018 19:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109439.D

Acq: 28 Sep 2018 19:25

Instrument :

BNA_F

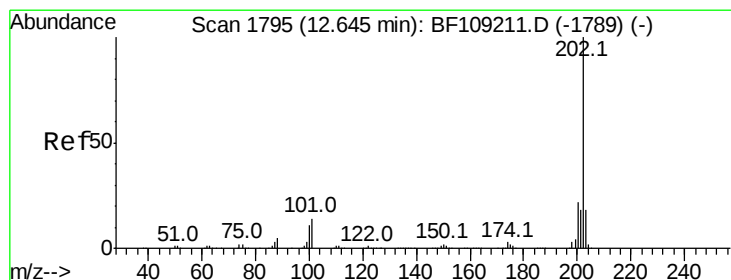
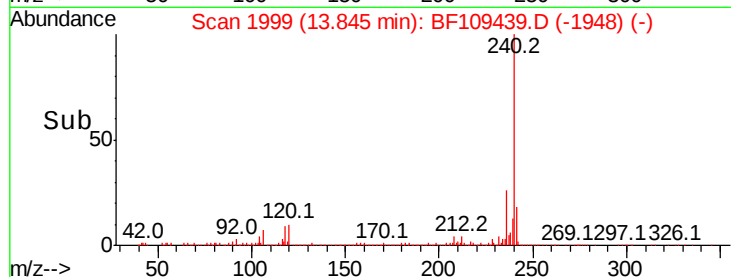
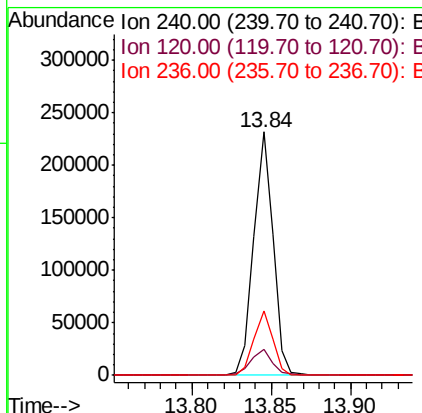
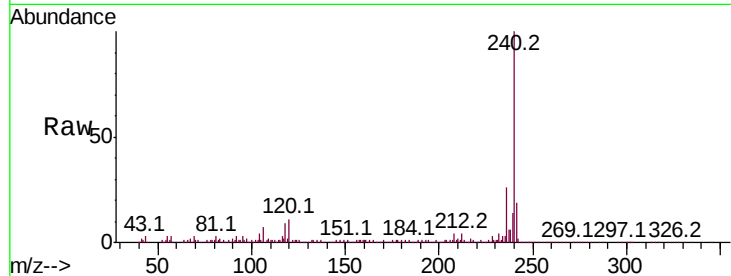
ClientSampleId :

RA-092518-USTEXC-NW-L-063

Tot Ion:	240	Resp:	197625
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.5	14.3
236	26.5	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 3.851 ng

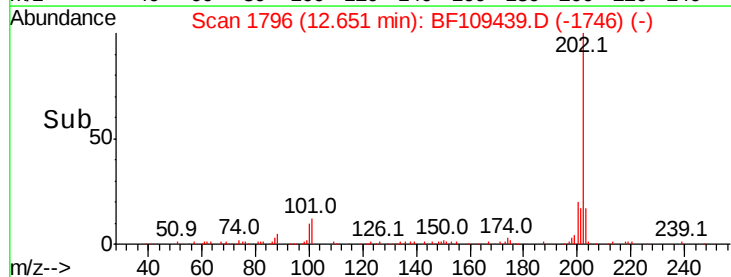
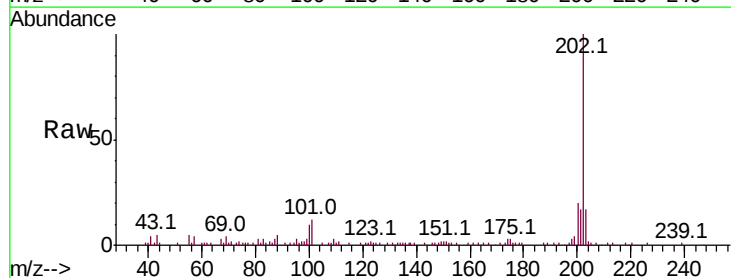
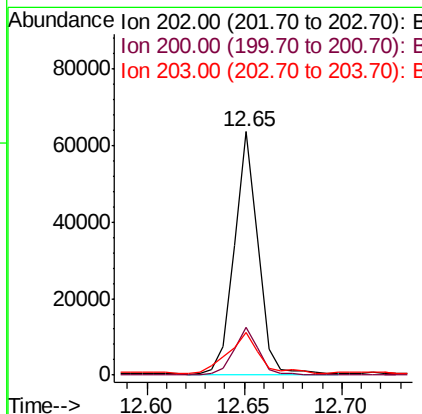
RT: 12.65 min Scan# 1796

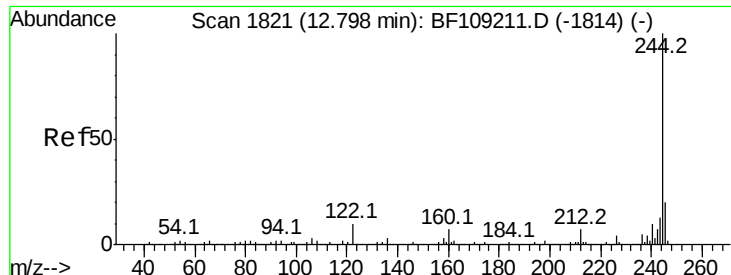
Delta R.T. -0.01 min

Lab File: BF109439.D

Acq: 28 Sep 2018 19:25

Tgt Ion:	202	Resp:	54550
Ion Ratio	Lower	Upper	
202	100		
200	19.7	17.4	26.2
203	17.3	14.3	21.5





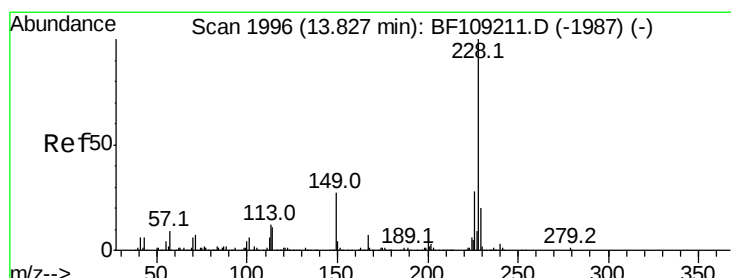
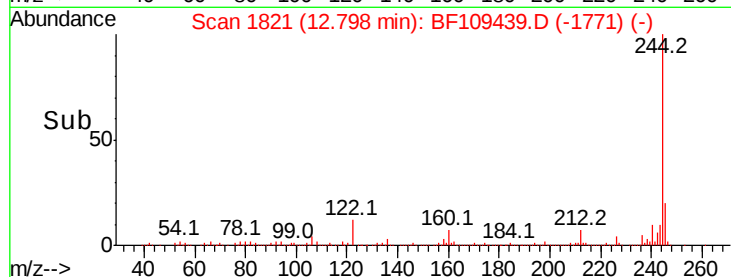
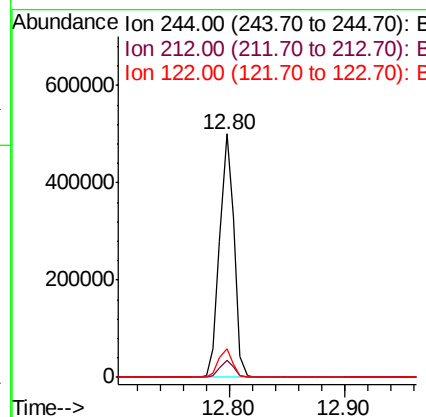
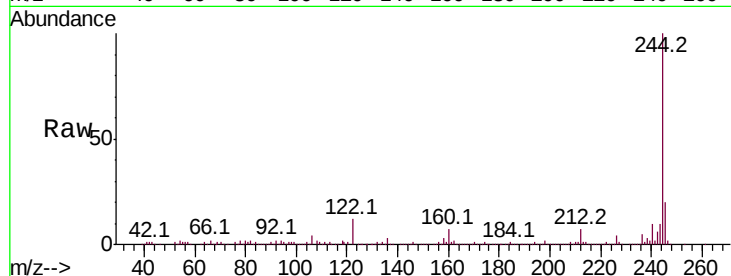
#78
 Terphenyl-d14
 Concen: 53.738 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109439.D
 Acq: 28 Sep 2018 19:25

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.5	11.0	16.4

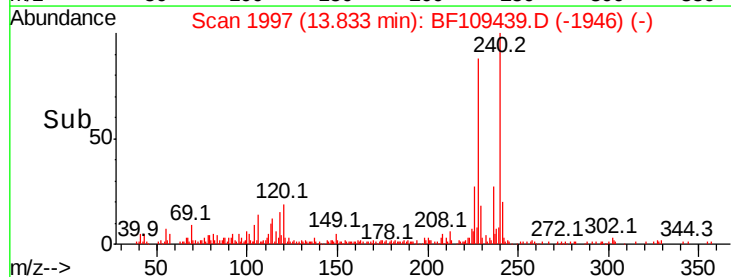
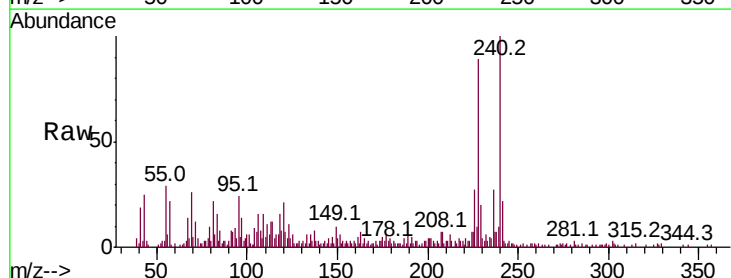
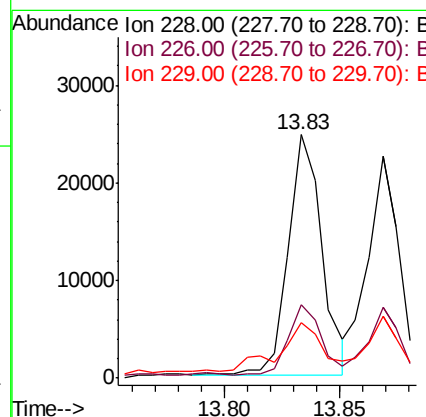
Manual Integrations
 APPROVED

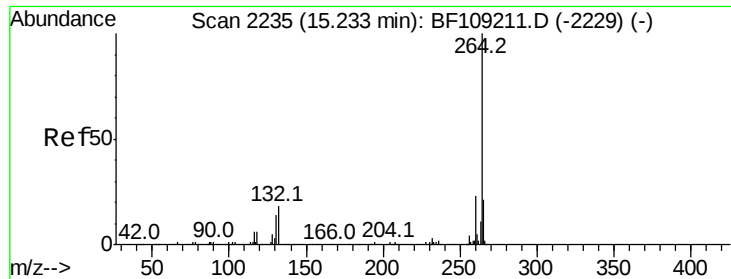
Sohil
 10/1/2018 9:57:14 AM



#80
 Benzo(a)anthracene
 Concen: 2.081 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF109439.D
 Acq: 28 Sep 2018 19:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	22.5	15.8	23.6





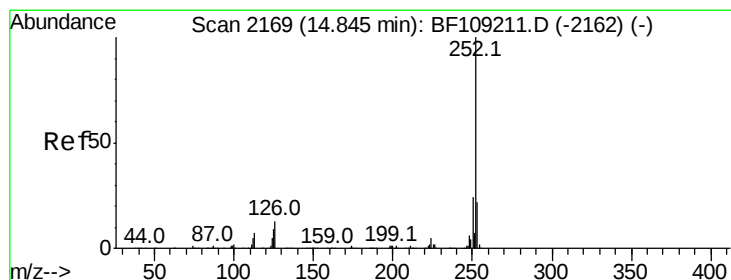
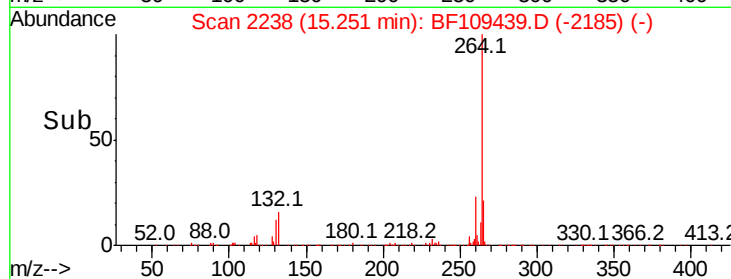
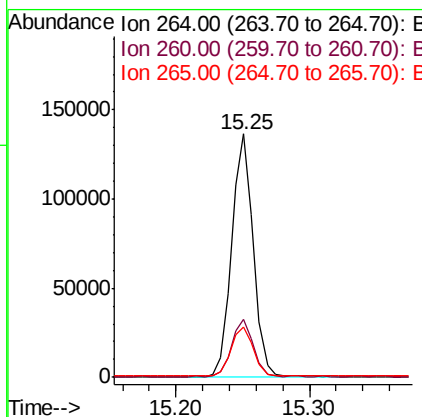
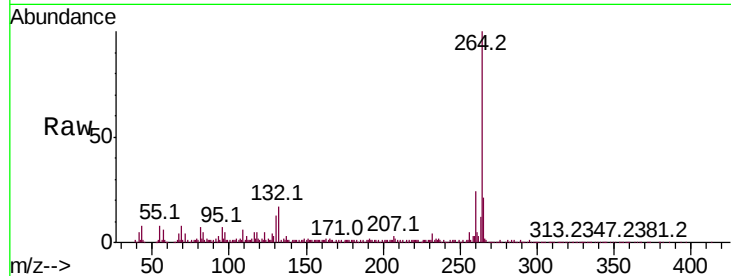
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109439.D
Acq: 28 Sep 2018 19:25

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.9	17.5	26.3

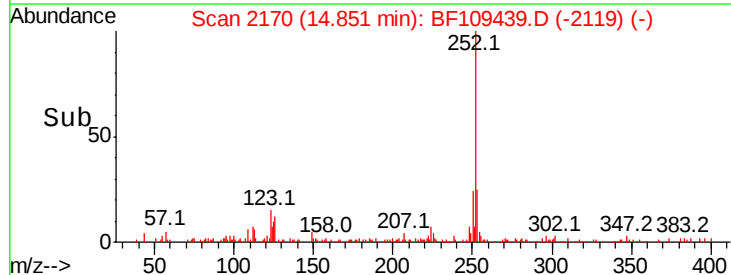
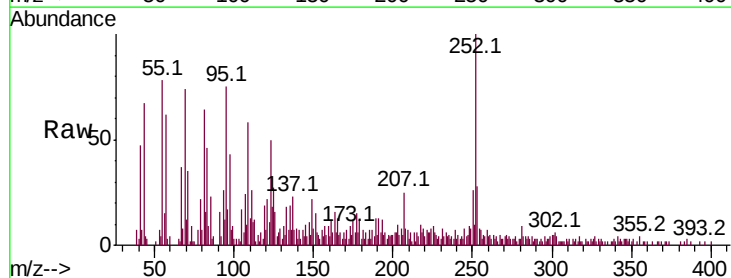
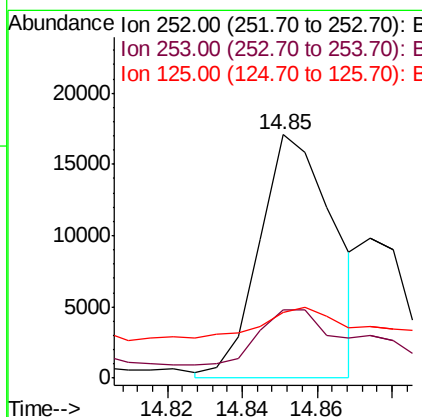
Manual Integrations
APPROVED

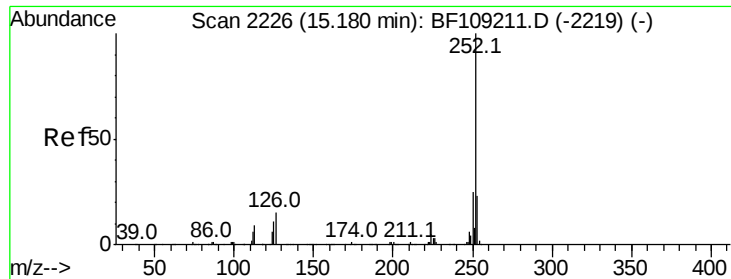
Sohil
10/1/2018 9:57:14 AM



#87
Benzo(b)fluoranthene
Concen: 2.804 ng m
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109439.D
Acq: 28 Sep 2018 19:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.0	25.6#
125	26.8	9.0	13.6#





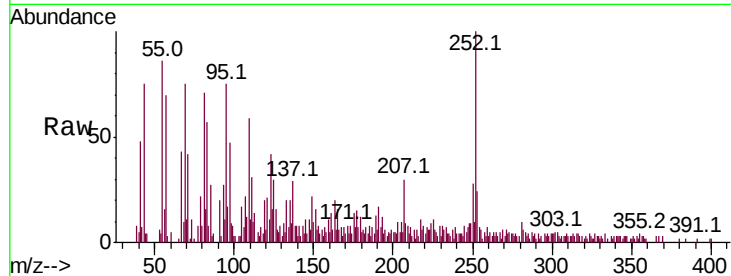
#89
Benzo(a)pyrene
Concen: 2.068 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109439.D
Acq: 28 Sep 2018 19:25

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	29.9	9.8	14.6

Manual Integrations
APPROVED

Sohil
10/1/2018 9:57:14 AM



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

