

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109115.D
 Acq On : 19 Sep 2018 00:05
 Operator : JU/SJ
 Sample : J4967-02 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-091718-02

Manual Integrations
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Quant Time: Sep 19 05:39:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	116021	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	403706	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	164438	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	299136	20.00	ng	0.00
75) Chrysene-d12	13.86	240	327148	20.00	ng	0.00
86) Perylene-d12	15.27	264	255935	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	98890	14.16	ng	0.00
7) Phenol-d6	6.35	99	127652	14.17	ng	-0.01
23) Nitrobenzene-d5	7.28	82	79967	11.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	25611	14.35	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	145959	13.91	ng	0.00
78) Terphenyl-d14	12.81	244	147028	10.65	ng	0.00
Target Compounds						
70) Phenanthrene	11.25	178	46487	3.170	ng	97
74) Fluoranthene	12.44	202	69261	4.474	ng	95
77) Pyrene	12.66	202	60150	2.475	ng	98
82) Chrysene	13.88	228	41720	2.105	ng	# 95
87) Benzo(b)fluoranthene	14.87	252	43347m	3.061	ng	

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

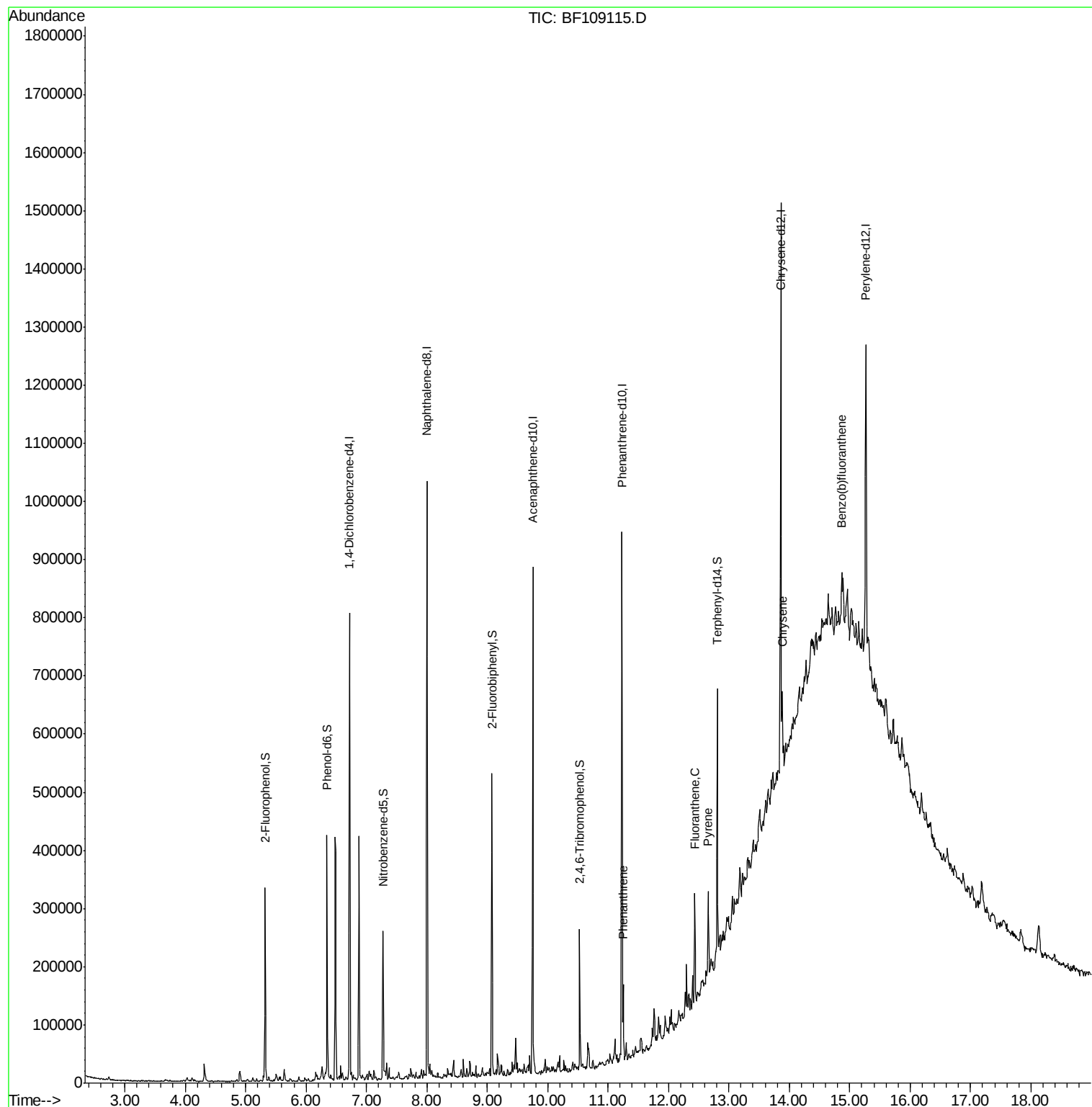
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109115.D
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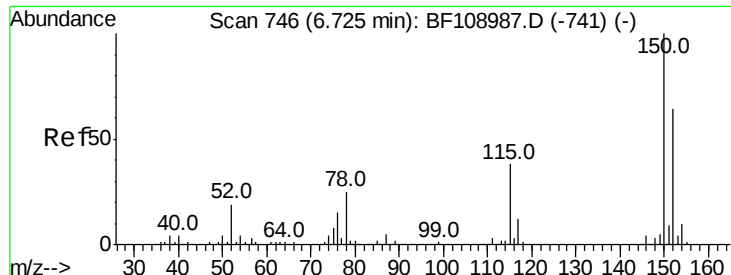
Instrument :
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SUP-UST-091718-02

Quant Time: Sep 19 05:39:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
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#1

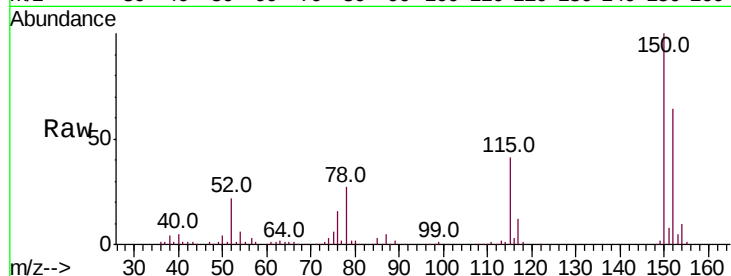
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Instrument :
BNA_F
ClientSampleId :
SUP-UST-091718-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	63.2	50.1	75.1

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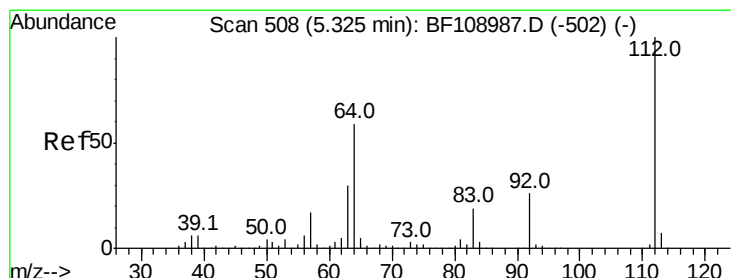
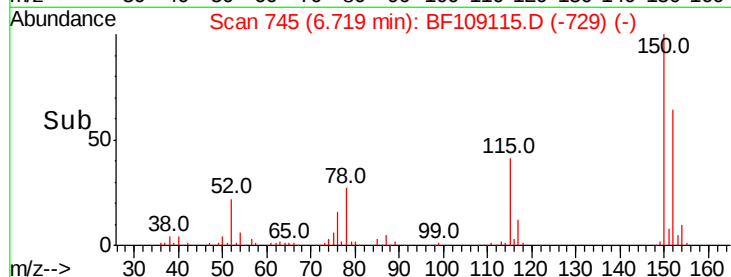
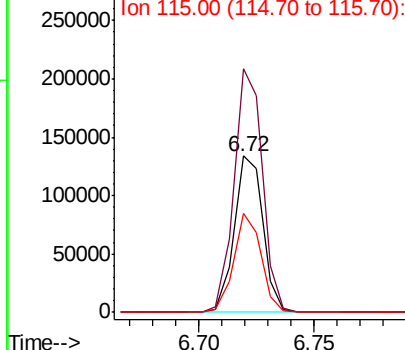


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

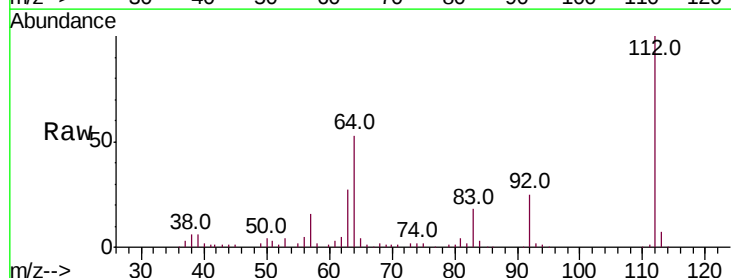
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 14.156 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	47.9	71.9
63	26.7	23.7	35.5

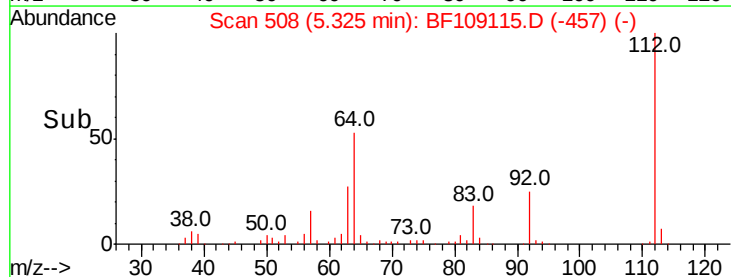
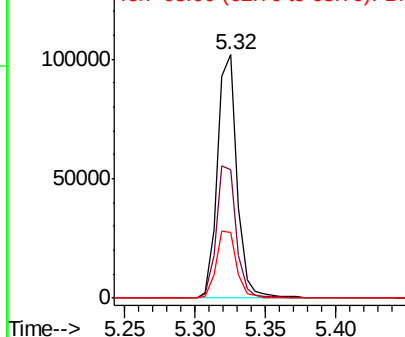


Abundance

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: 14.172 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109115.D

Acq: 19 Sep 2018 00:05

Instrument :

BNA_F

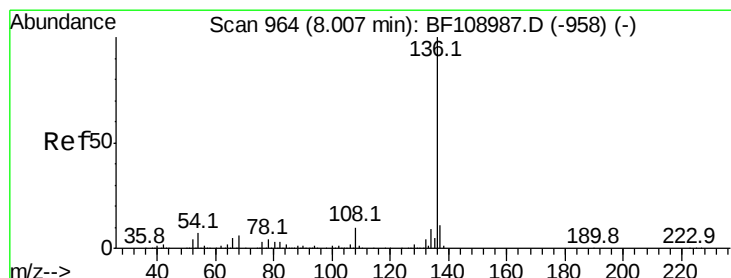
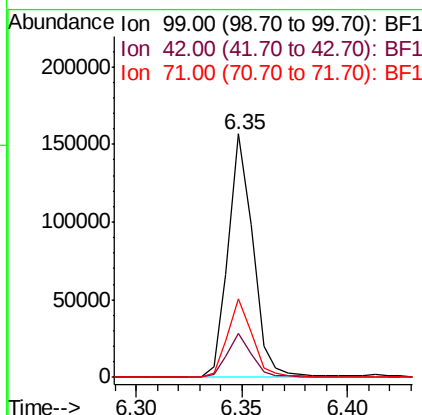
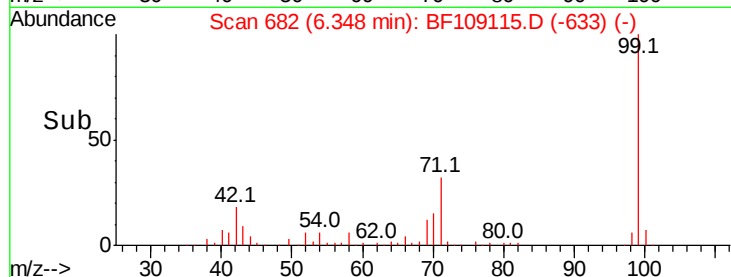
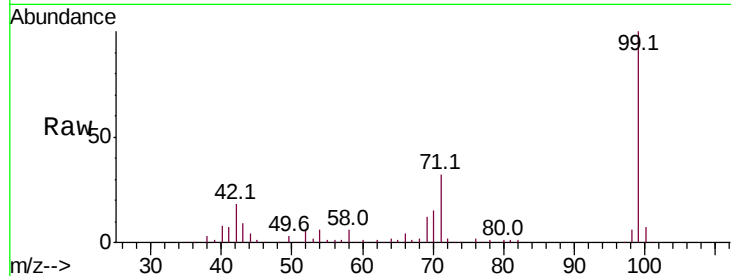
ClientSampleId :

SUP-UST-091718-02

Tot Ion:	99	Resp:	127652
Ion Ratio	Lower	Upper	
99	100		
42	18.0	14.5	21.7
71	32.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

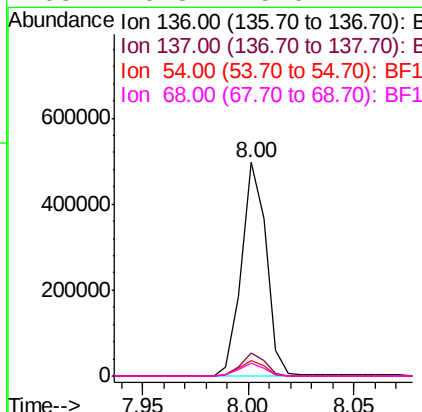
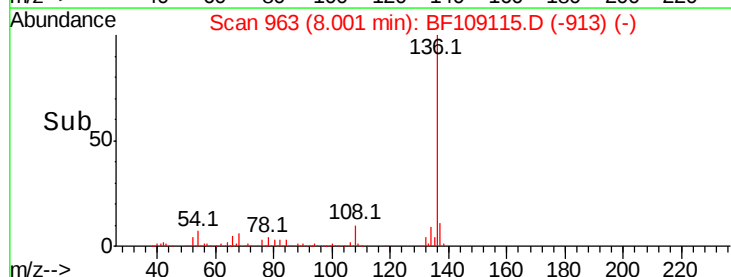
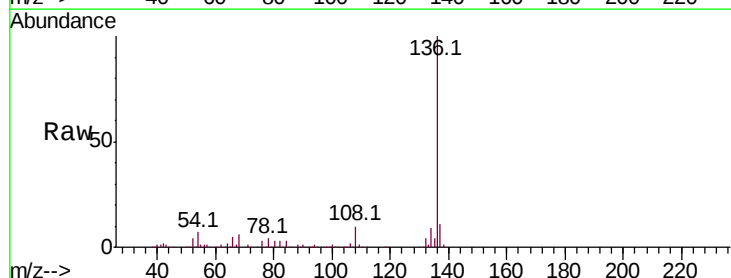
RT: 8.00 min Scan# 963

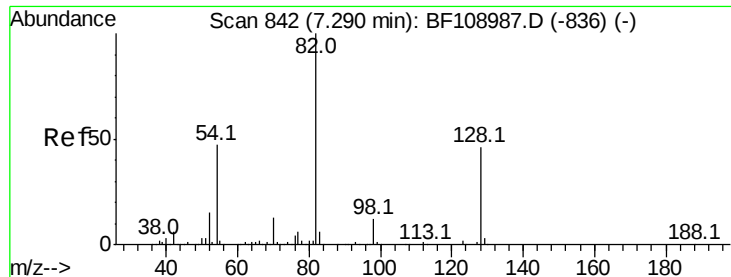
Delta R.T. -0.01 min

Lab File: BF109115.D

Acq: 19 Sep 2018 00:05

Tgt Ion:	136	Resp:	403706
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	6.3	5.0	7.4





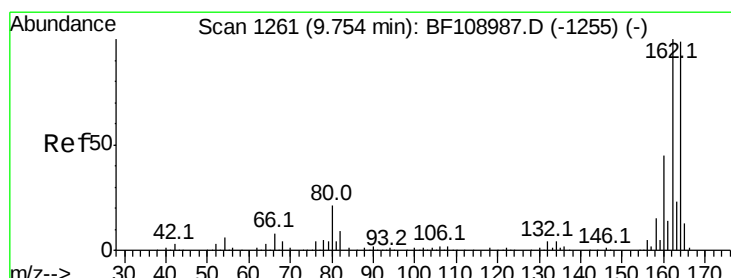
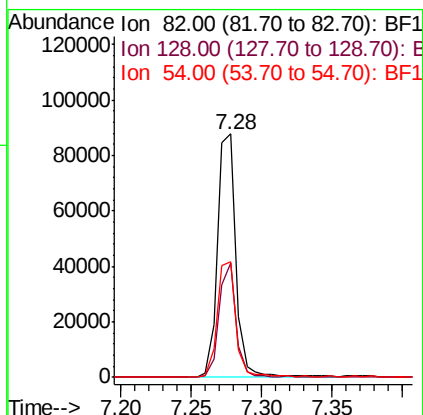
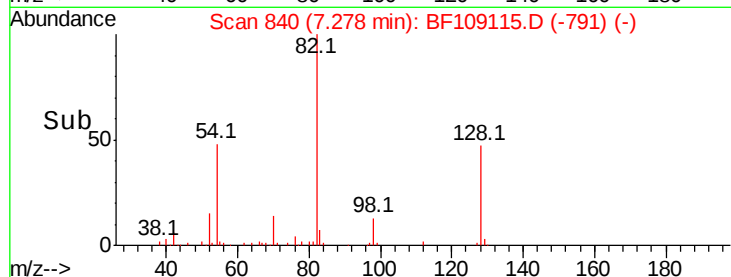
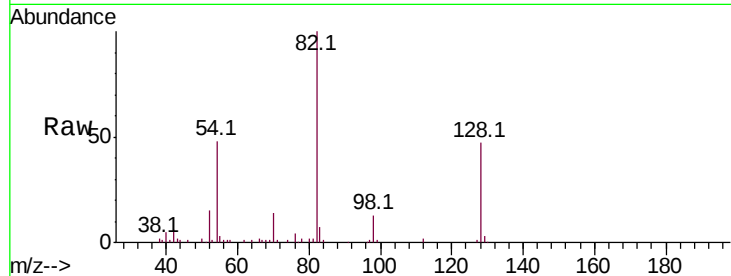
#23
Nitrobenzene-d5
Concen: 11.110 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Instrument :
BNA_F
ClientSampleId :
SUP-UST-091718-02

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	47.6	41.4	62.2

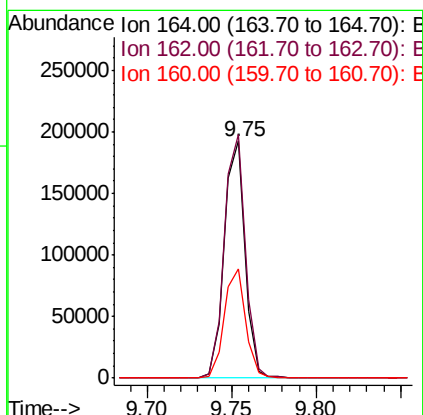
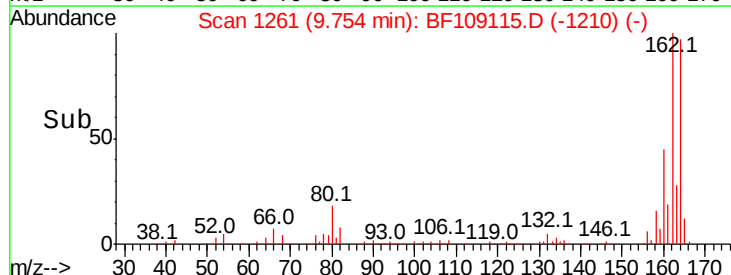
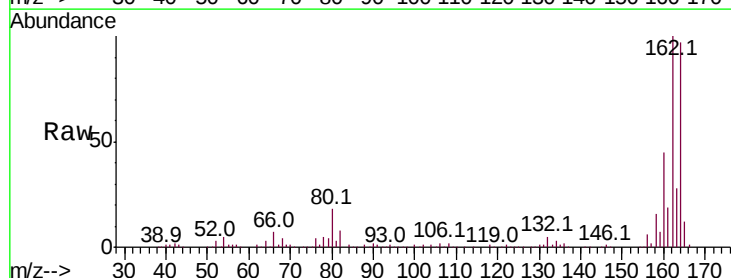
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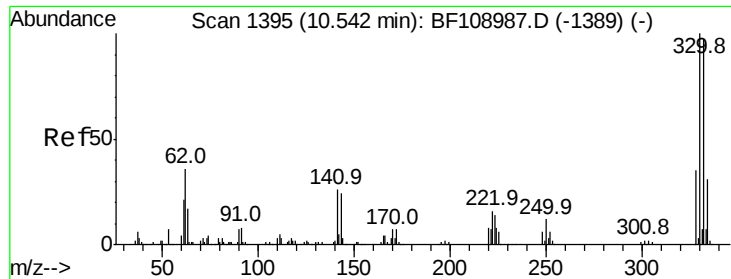
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.0	38.3	57.5





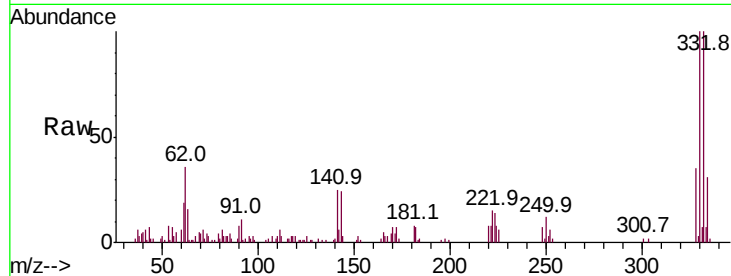
#41
 2,4,6-Tribromophenol
 Concen: 14.351 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109115.D
 Acq: 19 Sep 2018 00:05

Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-091718-02

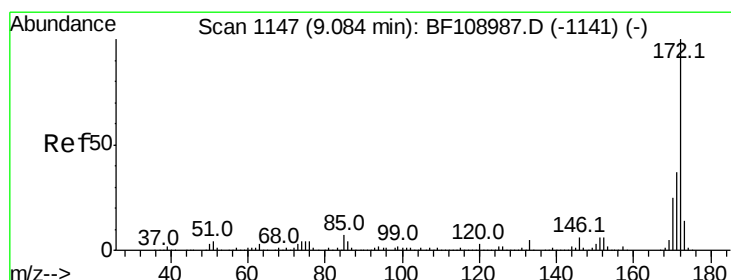
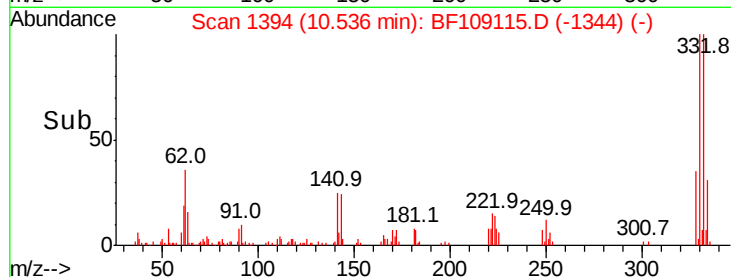
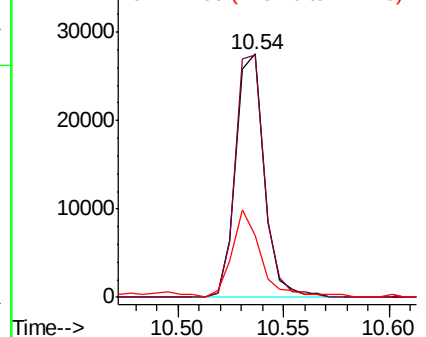
Tot Ion	Ratio	Resp	Lower	Upper
330	100	25611		
332	101.4	77.0	115.6	
141	37.2	29.9	44.9	

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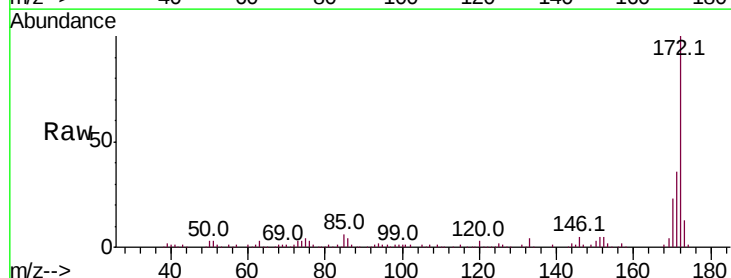


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

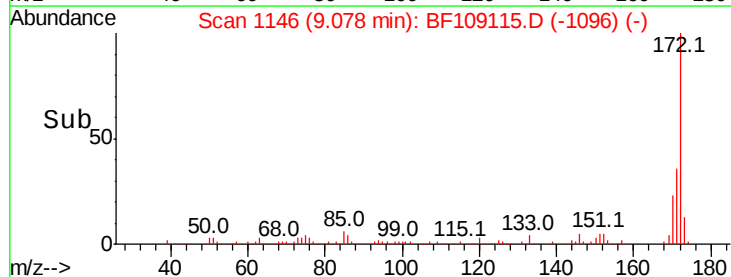
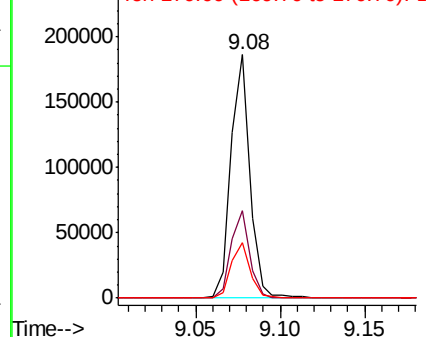


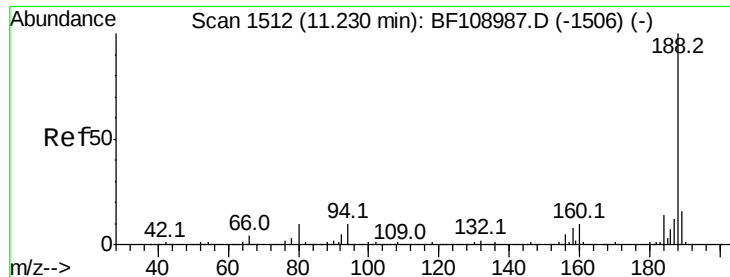
#44
 2-Fluorobiphenyl
 Concen: 13.907 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109115.D
 Acq: 19 Sep 2018 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	145959		
171	35.9	29.7	44.5	
170	22.9	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BF109115.D

Acq: 19 Sep 2018 00:05

Instrument :

BNA_F

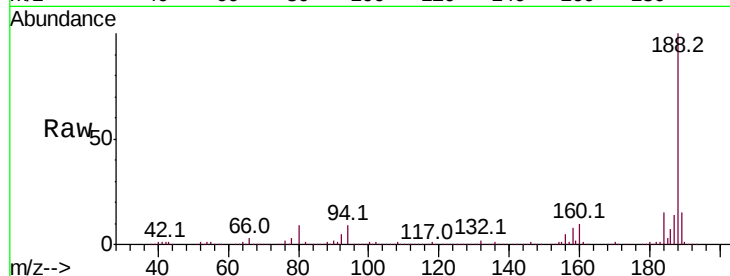
ClientSampleId :

SUP-UST-091718-02

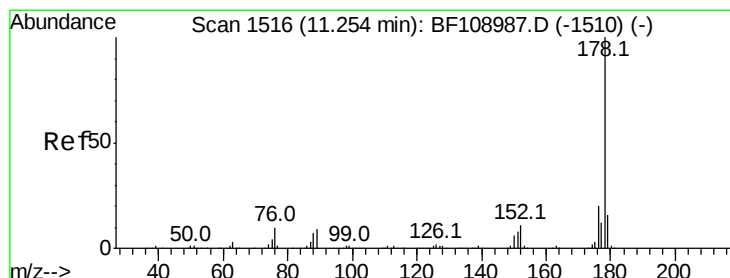
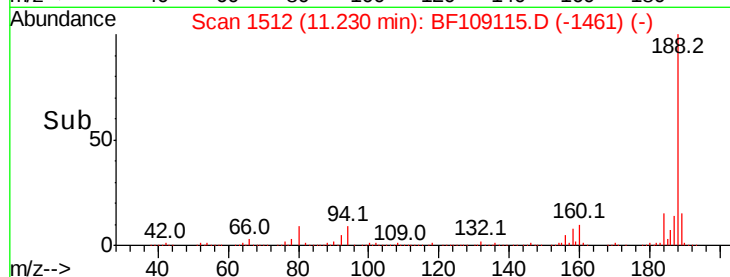
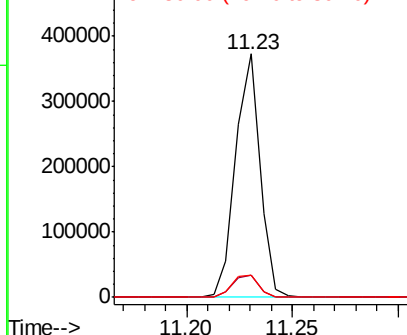
Tot Ion:	188	Resp:	299136
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.5	12.7
80	9.3	9.2	13.8

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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: 3.170 ng

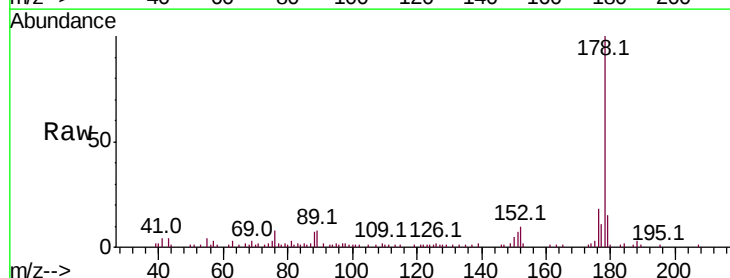
RT: 11.25 min Scan# 1516

Delta R.T. 0.00 min

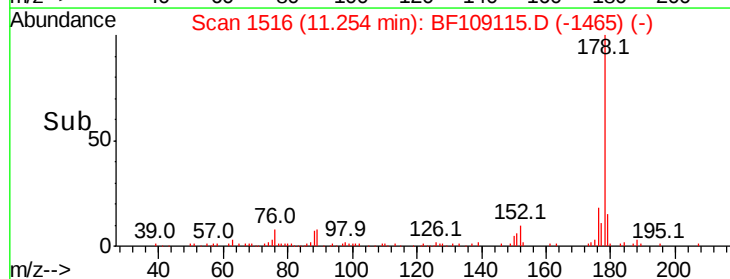
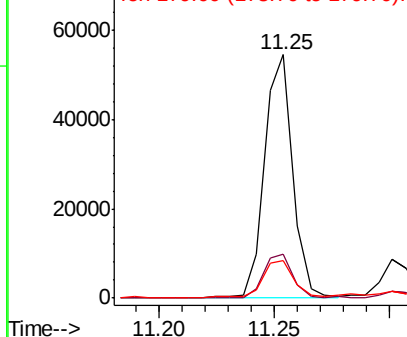
Lab File: BF109115.D

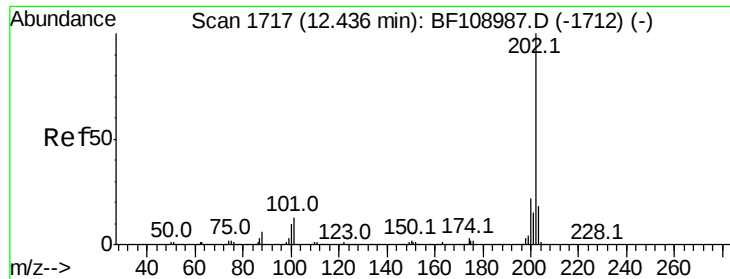
Acq: 19 Sep 2018 00:05

Tgt Ion:	178	Resp:	46487
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.8	23.8
179	15.4	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 4.474 ng

RT: 12.44 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BF109115.D

Acq: 19 Sep 2018 00:05

Instrument :

BNA_F

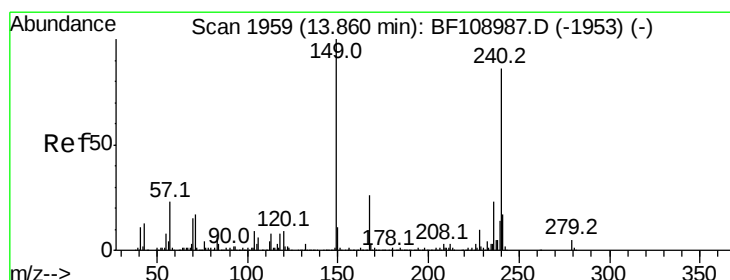
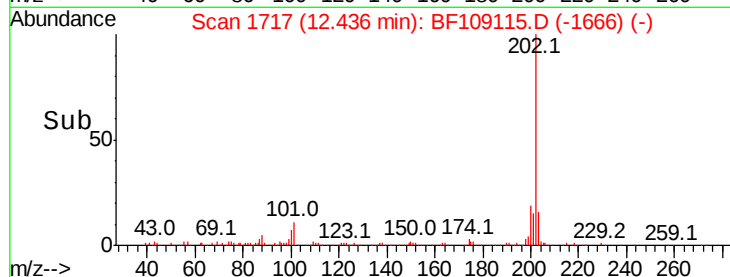
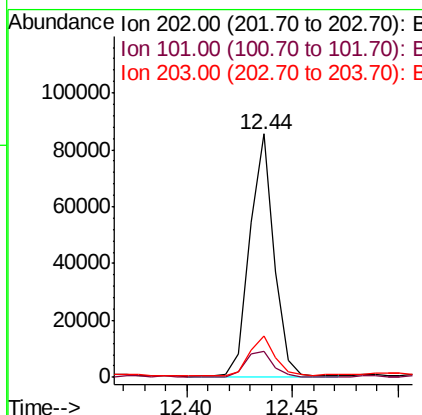
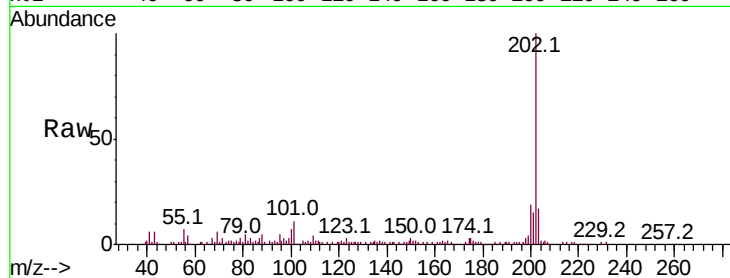
ClientSampleId :

SUP-UST-091718-02

Tot Ion:	202	Resp:	69261
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	34.1
203	16.8	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

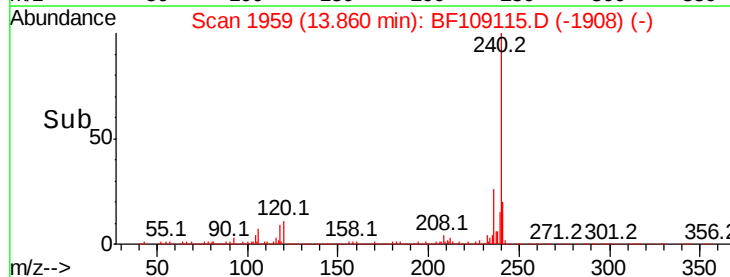
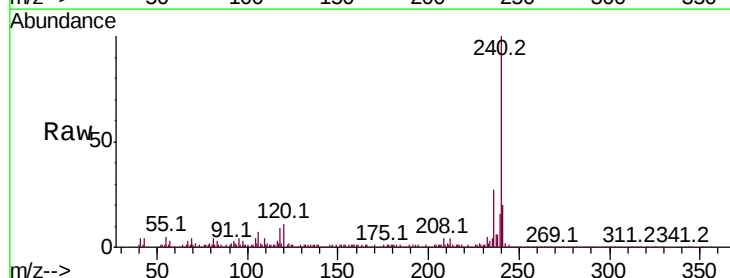
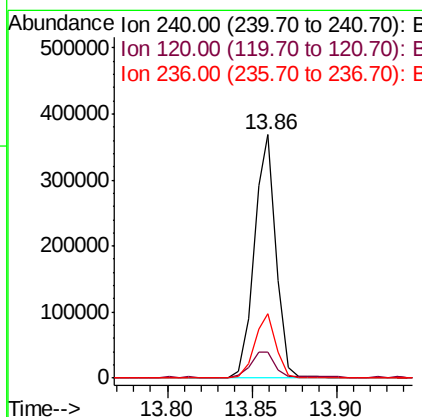
RT: 13.86 min Scan# 1959

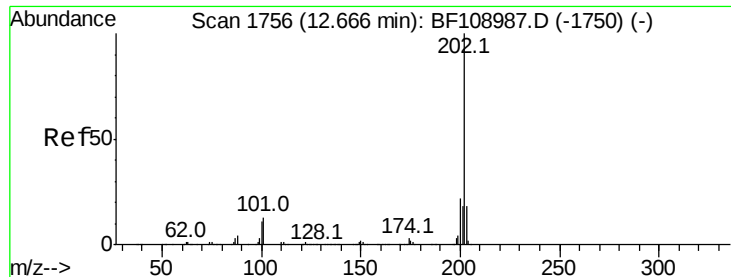
Delta R.T. 0.00 min

Lab File: BF109115.D

Acq: 19 Sep 2018 00:05

Tgt Ion:	240	Resp:	327148
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	26.6	20.7	31.1





#77

Pvrene

Concen: 2.475 ng

RT: 12.66 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF109115.D

Acq: 19 Sep 2018 00:05

Instrument :

BNA_F

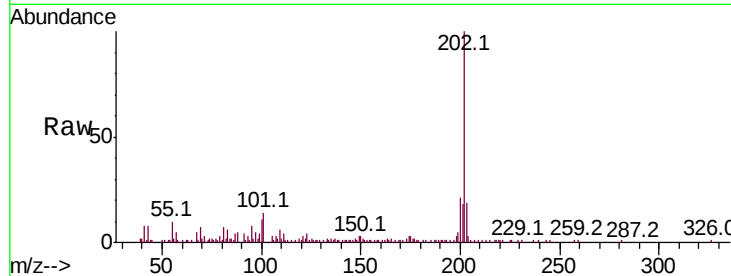
ClientSampleId :

SUP-UST-091718-02

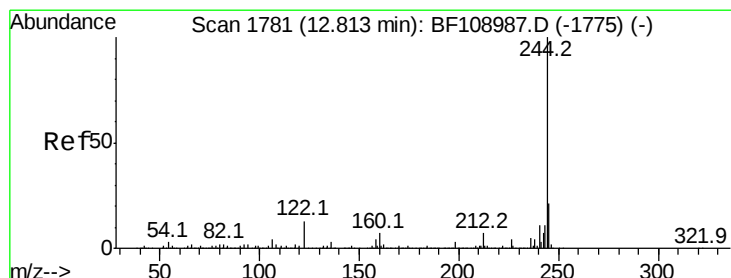
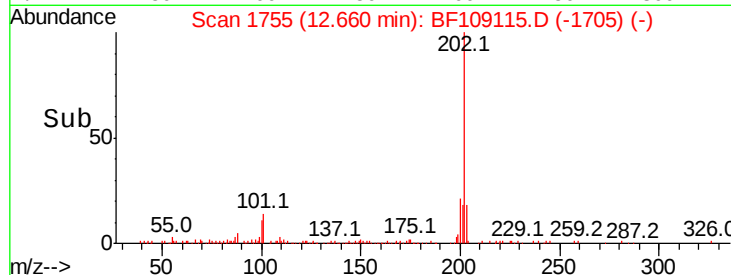
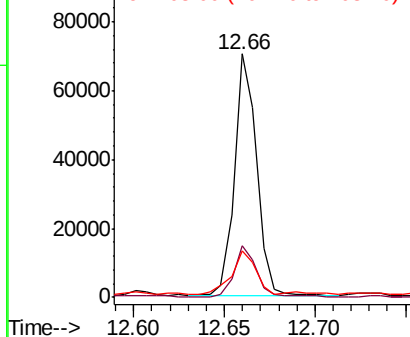
Tot Ion:	202	Resp:	60150
Ion Ratio		Lower	Upper
202	100		
200	21.1	17.4	26.2
203	19.2	14.3	21.5

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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: 10.653 ng

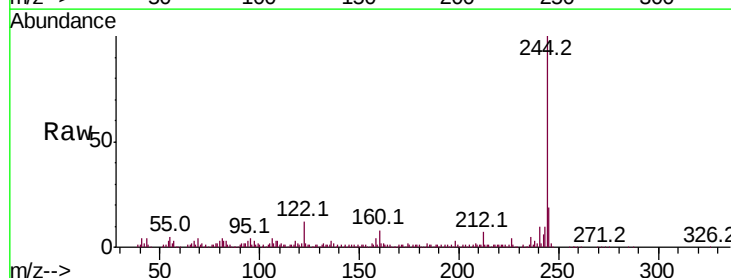
RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

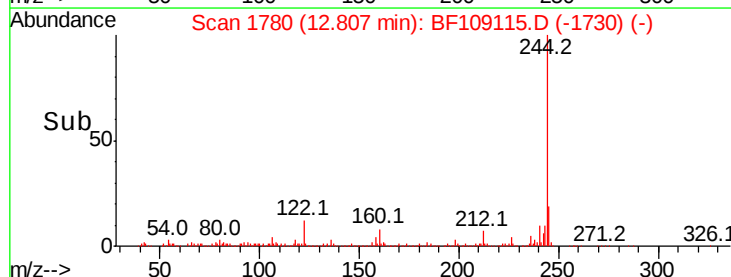
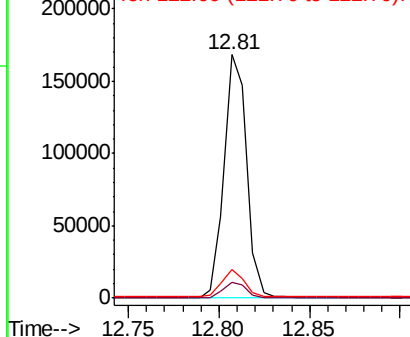
Lab File: BF109115.D

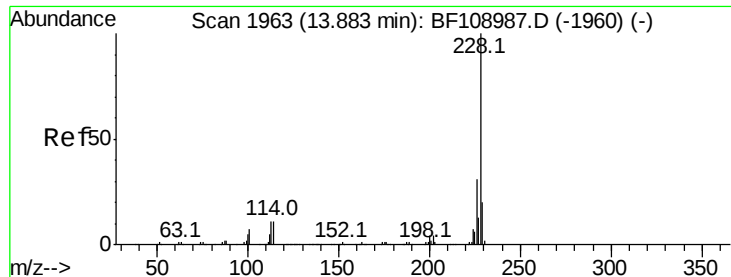
Acq: 19 Sep 2018 00:05

Tgt Ion:	244	Resp:	147028
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.0	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





#82

Chrysene

Concen: 2.105 ng

RT: 13.88 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BF109115.D

Acq: 19 Sep 2018 00:05

Instrument :

BNA_F

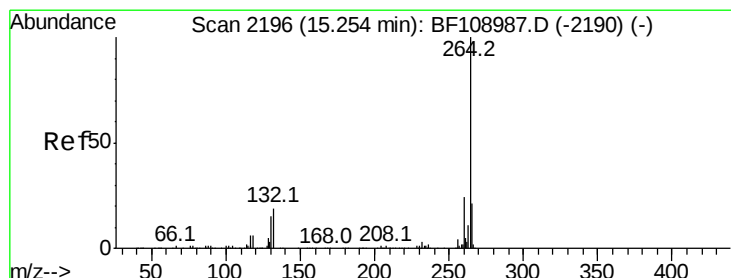
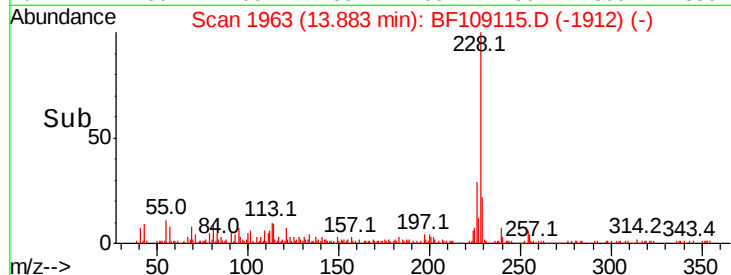
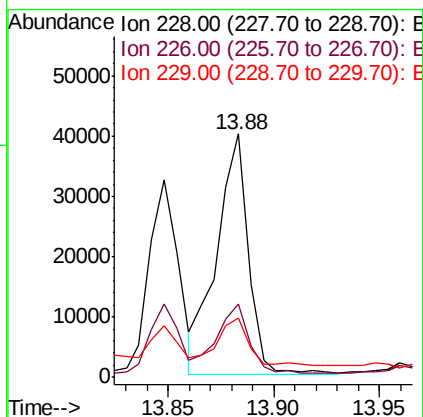
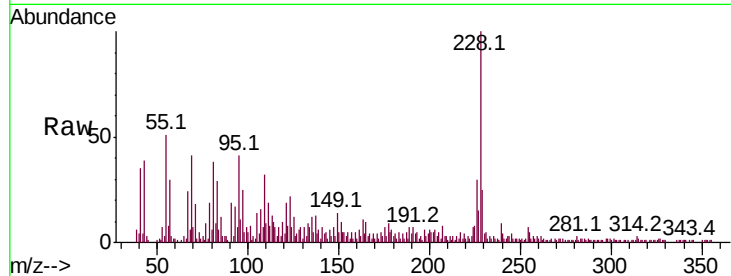
ClientSampleId :

SUP-UST-091718-02

Tot Ion:	228	Resp:	41720
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.0	37.6
229	24.6	16.2	24.4

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:06 PM



#86

Perylene-d12

Concen: 20.000 ng

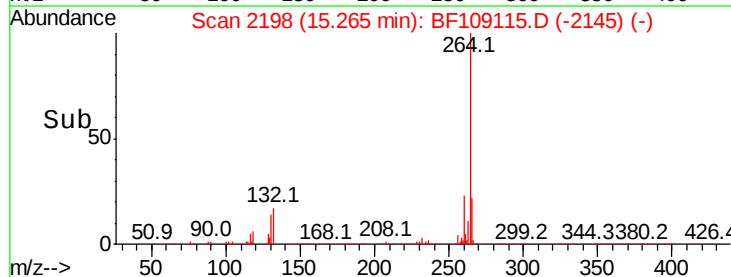
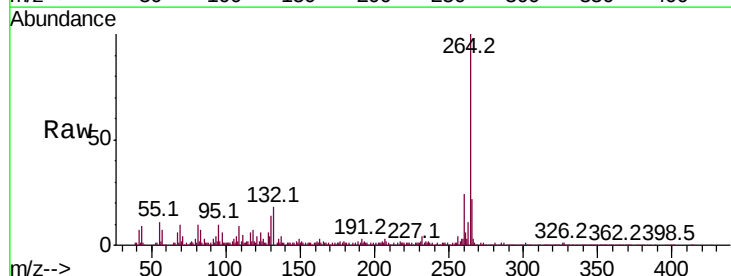
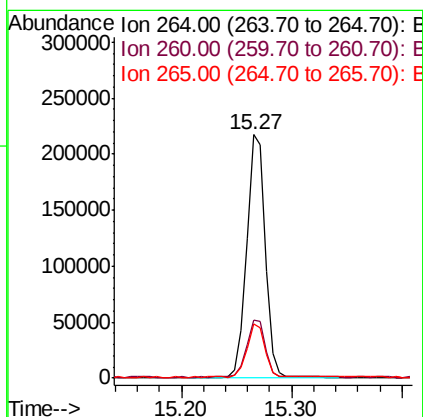
RT: 15.27 min Scan# 2198

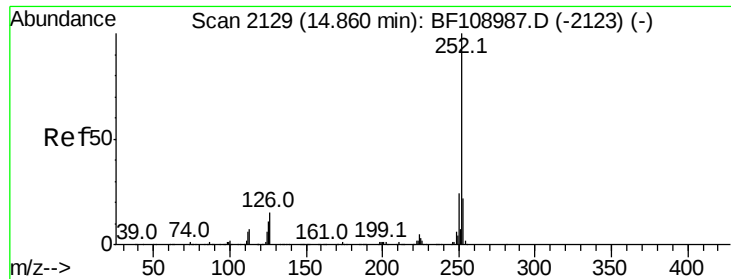
Delta R.T. 0.01 min

Lab File: BF109115.D

Acq: 19 Sep 2018 00:05

Tgt Ion:	264	Resp:	255935
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	22.1	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 3.061 ng m
 RT: 14.87 min Scan# 2130
 Delta R.T. 0.01 min
 Lab File: BF109115.D
 Acq: 19 Sep 2018 00:05

Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-091718-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	29.6	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 9/19/2018 4:24:06 PM

