

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109144.D
 Acq On : 19 Sep 2018 15:35
 Operator : JU/SJ
 Sample : J4967-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-091718-03

Manual Integrations
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 9/20/2018 10:06:37 AM

Quant Time: Sep 19 16:06:34 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	135773	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	490354	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	210513	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	356499	20.00	ng	0.00
75) Chrysene-d12	13.86	240	327815	20.00	ng	0.00
86) Perylene-d12	15.27	264	321880	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	641207	78.44	ng	0.01
7) Phenol-d6	6.36	99	826602	78.42	ng	0.00
23) Nitrobenzene-d5	7.28	82	488867	55.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	172207	75.38	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	864094	64.31	ng	0.00
78) Terphenyl-d14	12.81	244	726944	52.56	ng	0.00
Target Compounds						
10) Phenol	6.37	94	25960	2.189	ng	96
49) Dimethylphthalate	9.47	163	129842	8.630	ng	# 99
70) Phenanthrene	11.25	178	215172	12.313	ng	97
74) Fluoranthene	12.44	202	372020	20.165	ng	96
77) Pyrene	12.67	202	340548	13.986	ng	99
80) Benzo(a)anthracene	13.85	228	160441	8.084	ng	94
82) Chrysene	13.88	228	202350	10.190	ng	98
85) Indeno(1,2,3-cd)pyrene	16.62	276	104822	6.603	ng	# 88
87) Benzo(b)fluoranthene	14.87	252	269960m	15.160	ng	
88) Benzo(k)fluoranthene	14.89	252	88452m	5.318	ng	
89) Benzo(a)pyrene	15.21	252	166360	10.520	ng	98
90) Dibenzo(a,h)anthracene	16.62	278	27090	2.039	ng	# 87
91) Benzo(a,h,i)perylene	17.02	276	97274	7.323	ng	93

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

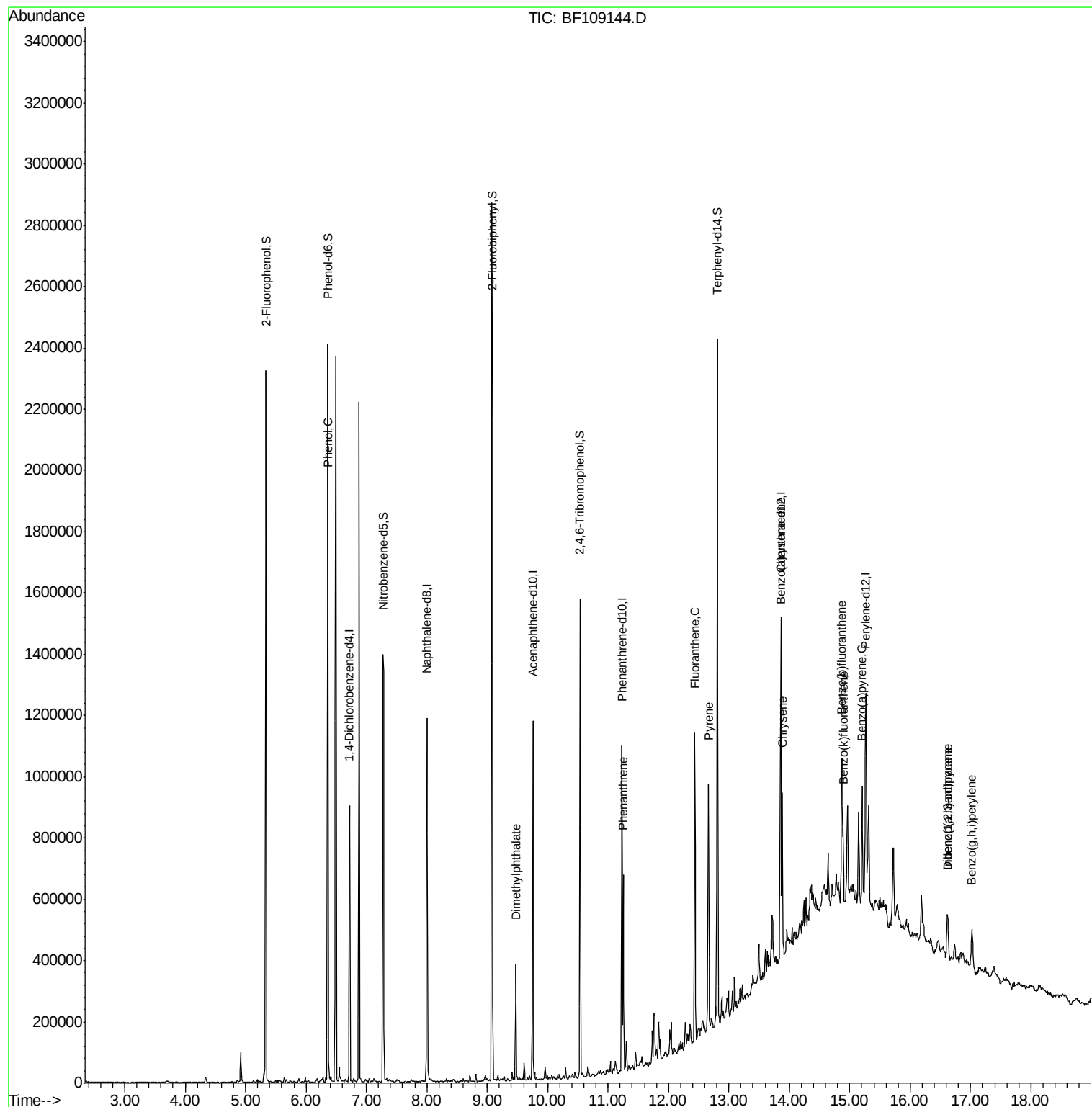
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
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ALS Vial : 6 Sample Multiplier: 1

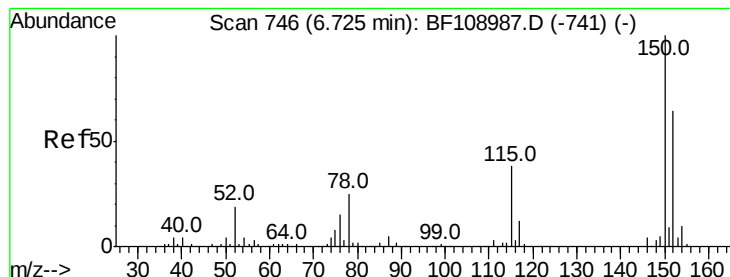
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

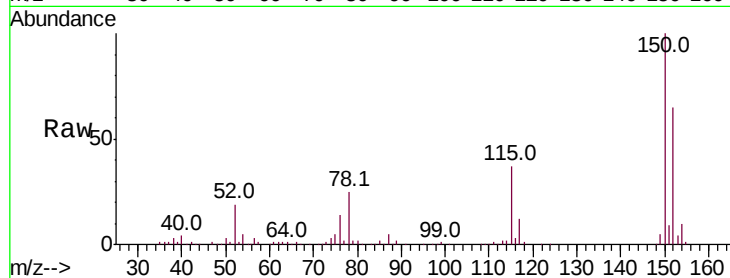
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF109144.D
 Acq: 19 Sep 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-091718-03

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	57.3	50.1	75.1

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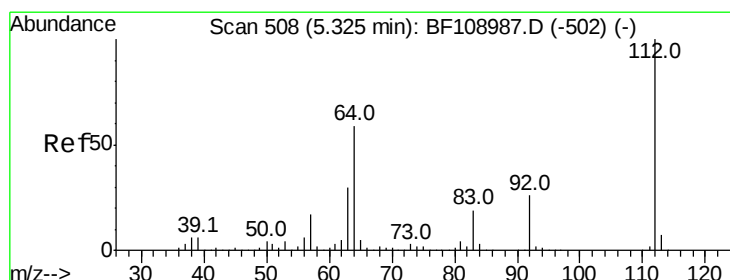
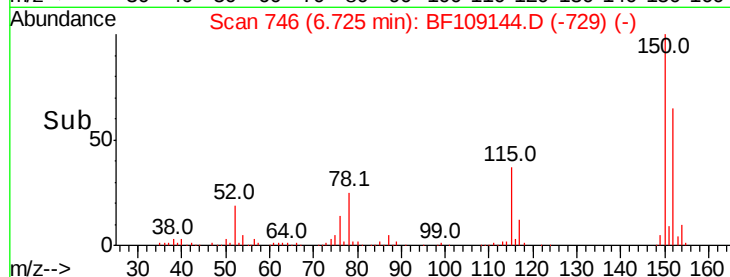
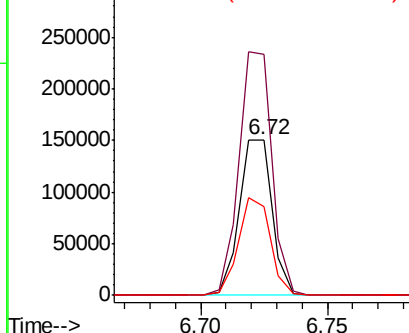


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

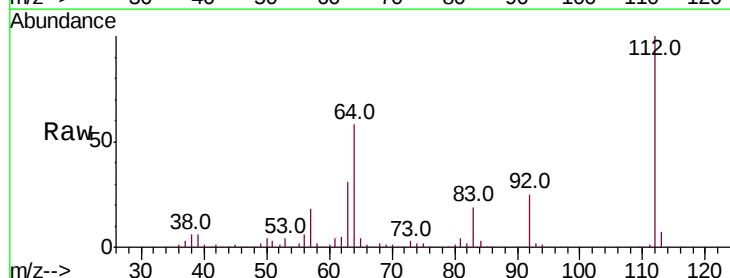
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 78.438 ng
 RT: 5.34 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF109144.D
 Acq: 19 Sep 2018 15:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	30.7	23.7	35.5

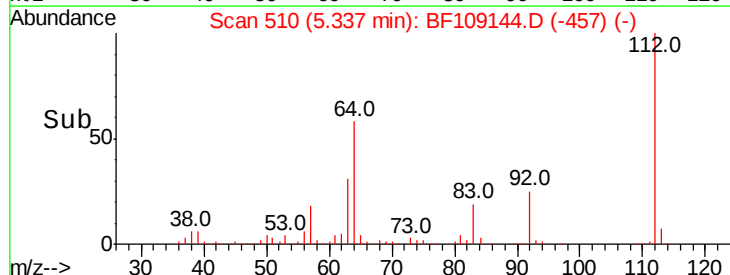
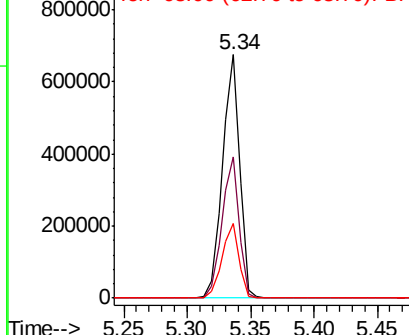


Abundance

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: 78.418 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109144.D

Acq: 19 Sep 2018 15:35

Instrument :

BNA_F

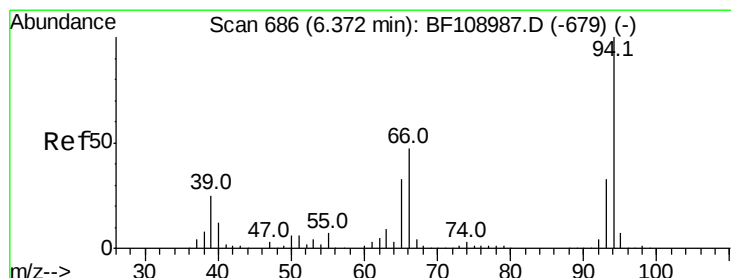
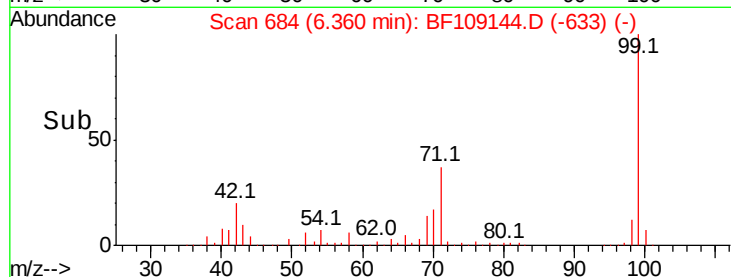
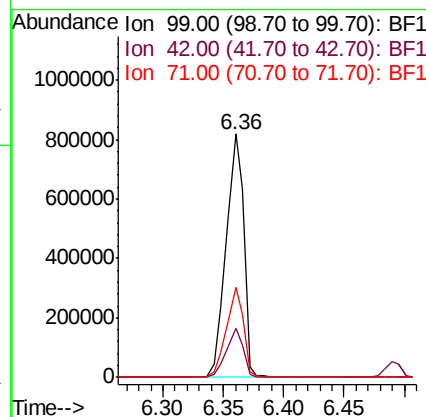
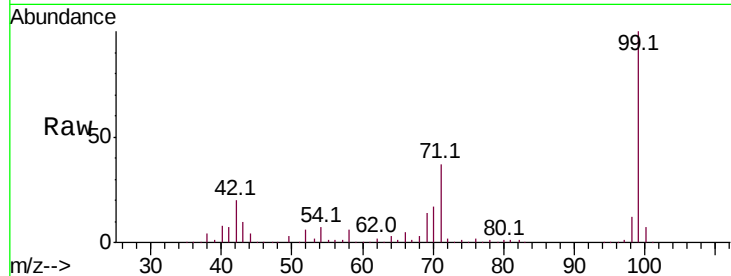
ClientSampleId :

SUP-UST-091718-03

Tot Ion:	99	Resp:	826602
Ion Ratio	Lower	Upper	
99	100		
42	20.0	14.5	21.7
71	36.9	25.4	38.0

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#10

Phenol

Concen: 2.189 ng

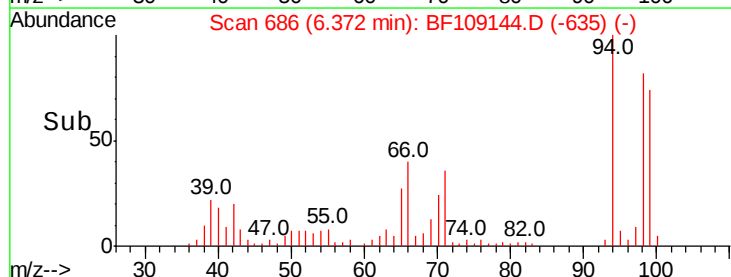
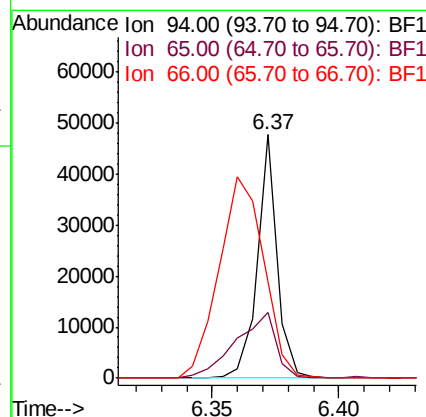
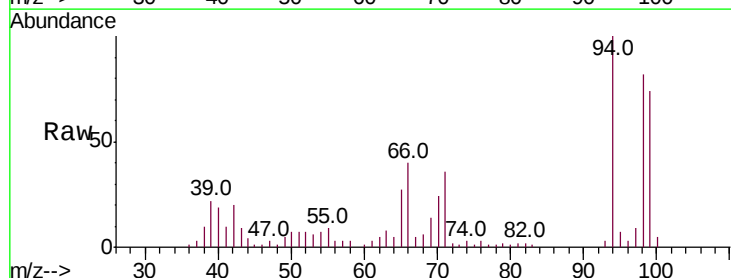
RT: 6.37 min Scan# 686

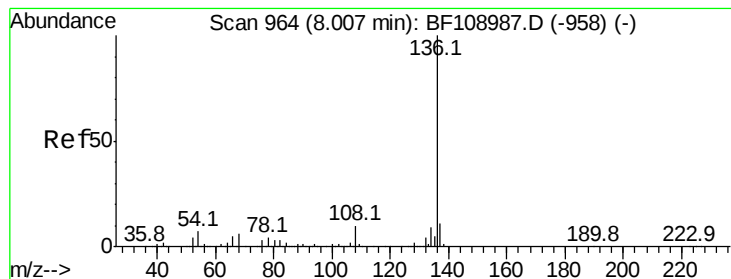
Delta R.T. -0.00 min

Lab File: BF109144.D

Acq: 19 Sep 2018 15:35

Tgt Ion:	94	Resp:	25960
Ion Ratio	Lower	Upper	
94	100		
65	27.0	7.9	47.9
66	39.5	16.2	56.2





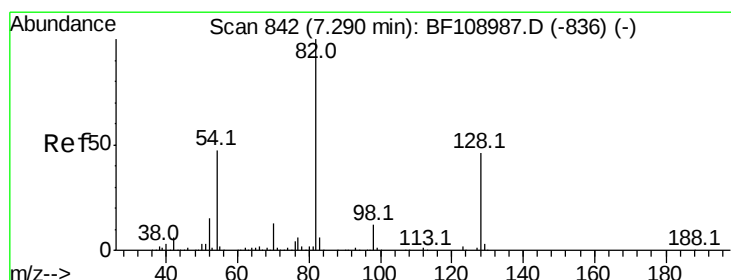
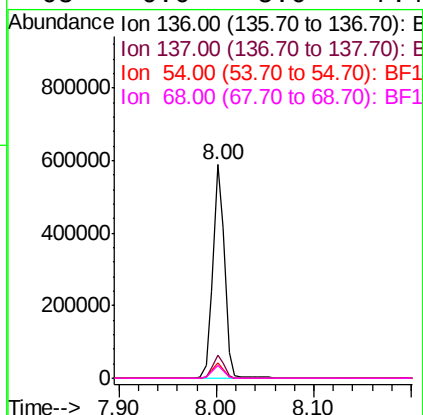
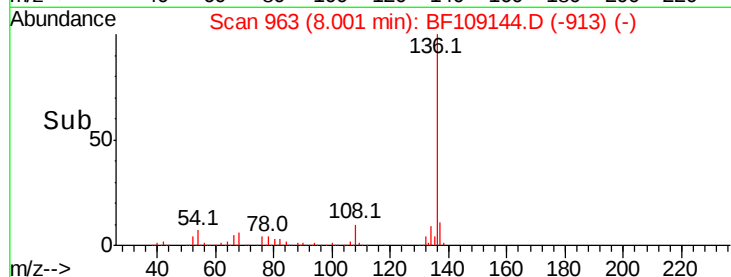
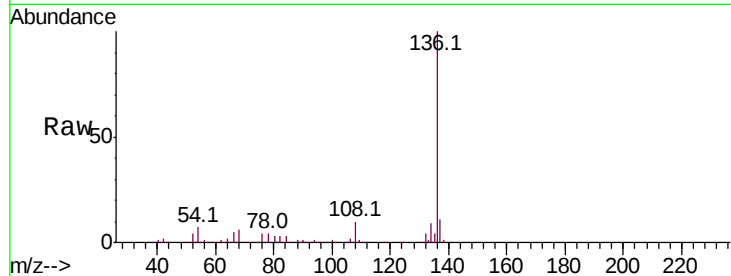
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109144.D
Acq: 19 Sep 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SUP-UST-091718-03

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	7.4	6.6	9.8	
68	6.0	5.0	7.4	

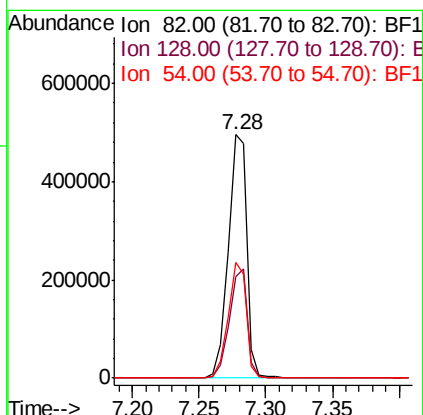
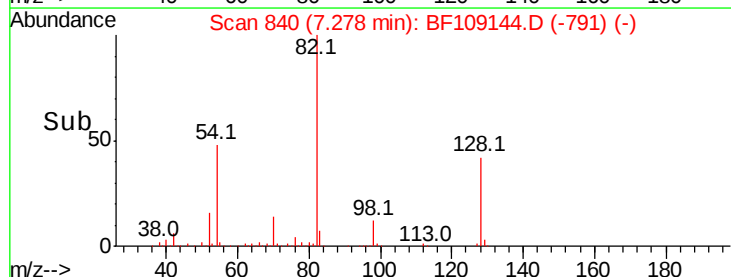
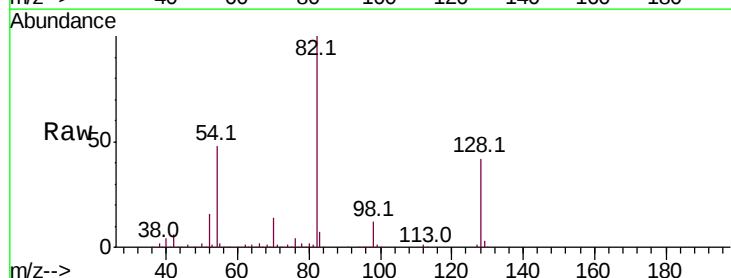
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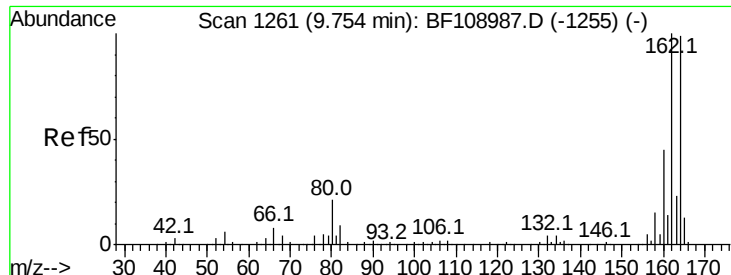
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#23
Nitrobenzene-d5
Concen: 55.918 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109144.D
Acq: 19 Sep 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.7	36.1	54.1	
54	47.7	41.4	62.2	





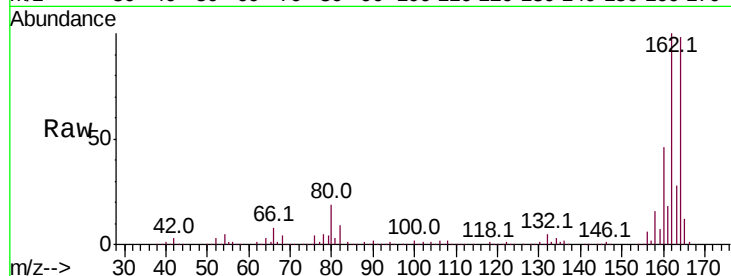
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF109144.D
Acq: 19 Sep 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SUP-UST-091718-03

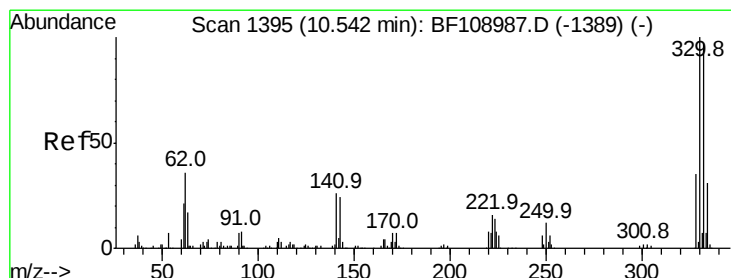
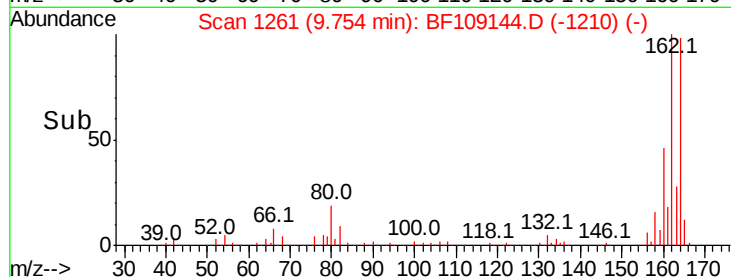
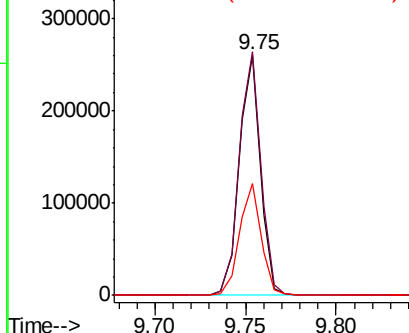
Tot Ion	Ratio	Resp	Lower	Upper
164	100	210513		
162	101.5	86.1	129.1	
160	46.8	38.3	57.5	

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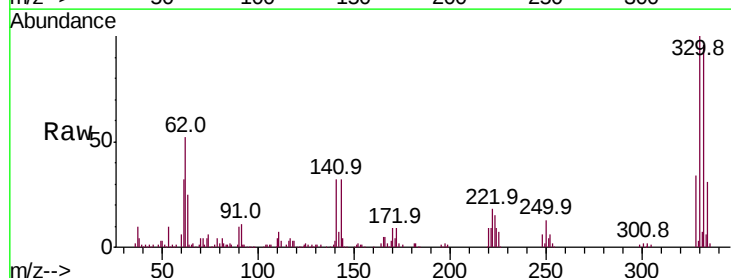


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

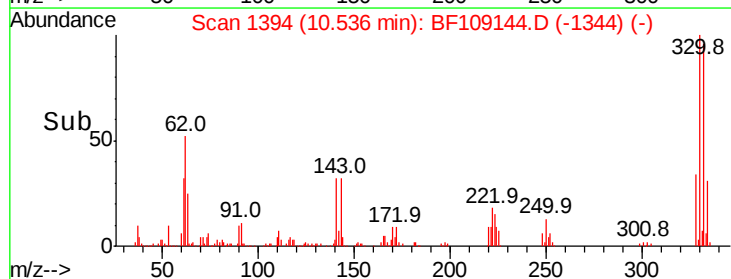
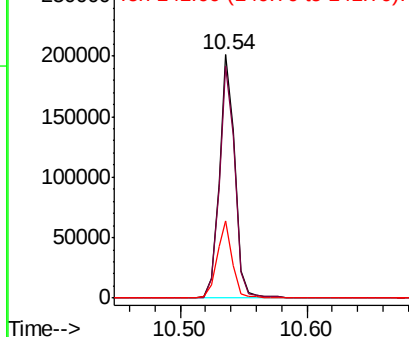


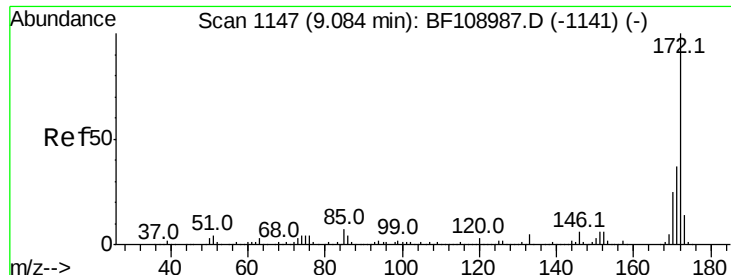
#41
2,4,6-Tribromophenol
Concen: 75.376 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109144.D
Acq: 19 Sep 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	172207		
332	96.5	77.0	115.6	
141	31.9	29.9	44.9	



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





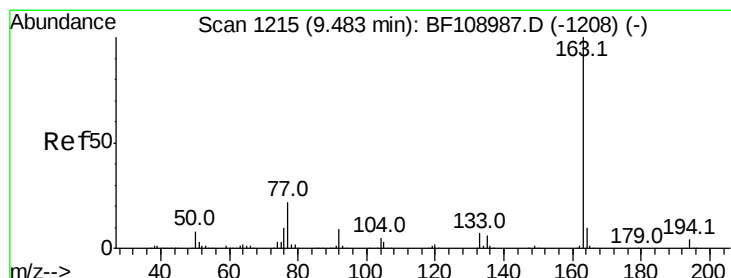
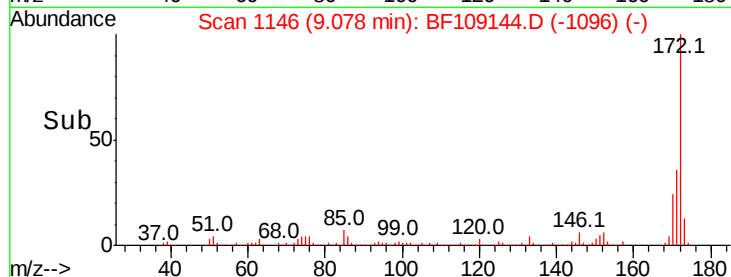
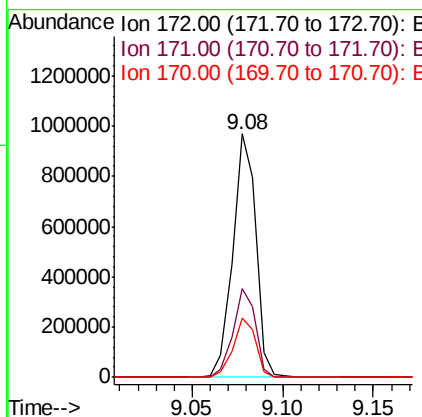
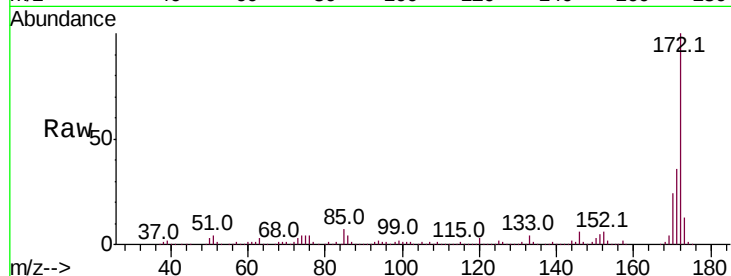
#44
2-Fluorobiphenyl
Concen: 64.310 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109144.D
Acq: 19 Sep 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SUP-UST-091718-03

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4

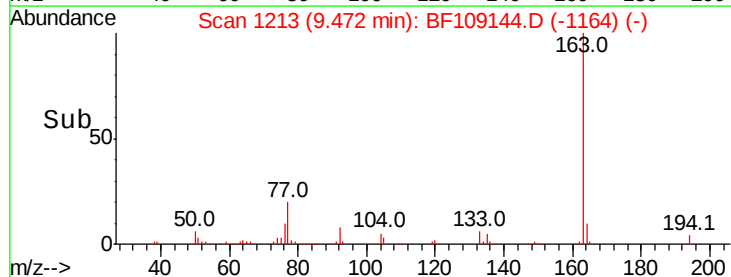
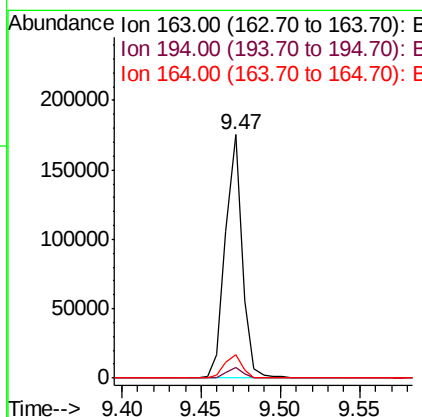
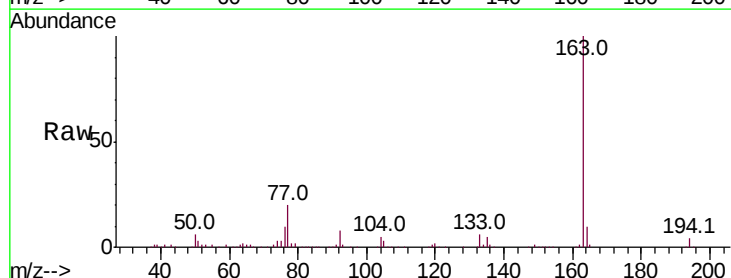
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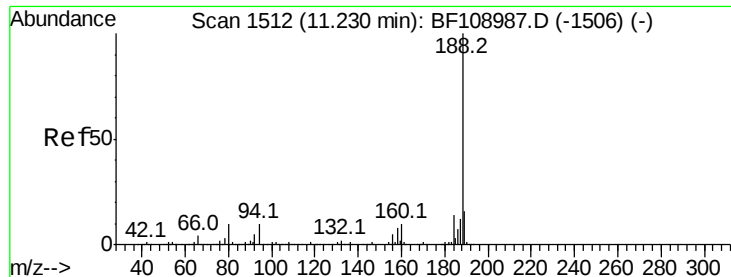
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#49
Dimethylphthalate
Concen: 8.630 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109144.D
Acq: 19 Sep 2018 15:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.8	8.2	12.2





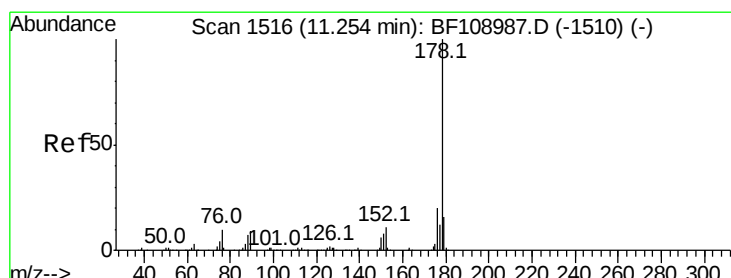
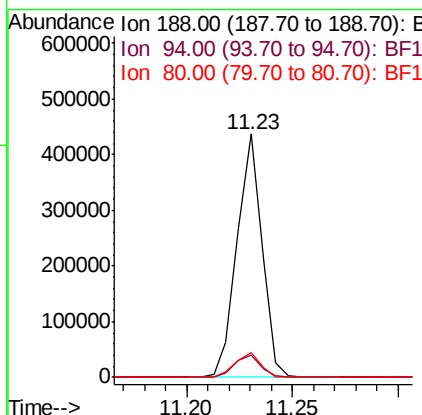
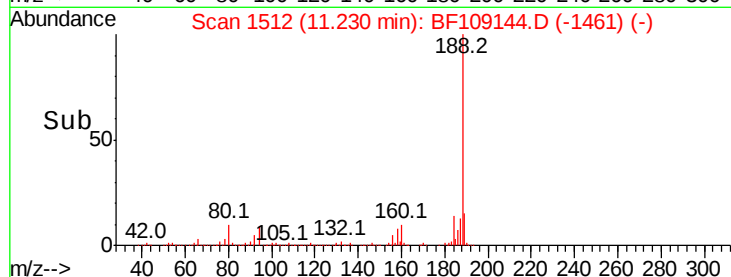
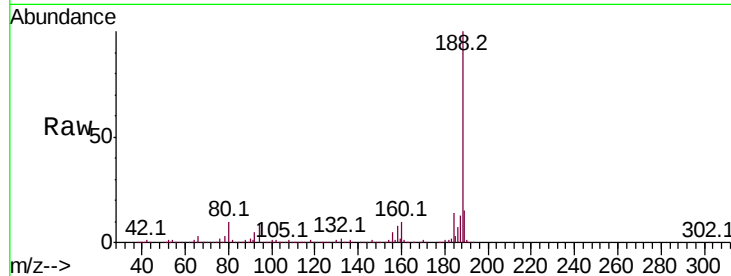
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109144.D
Acq: 19 Sep 2018 15:35

Instrument :
BNA_F
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SUP-UST-091718-03

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.0	9.2	13.8

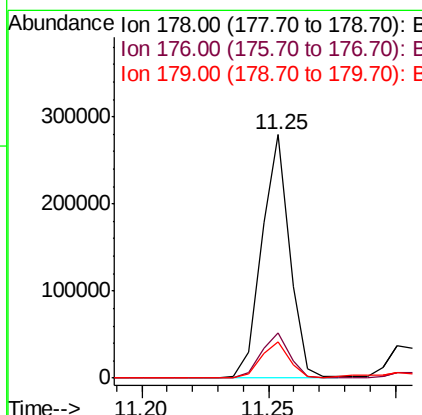
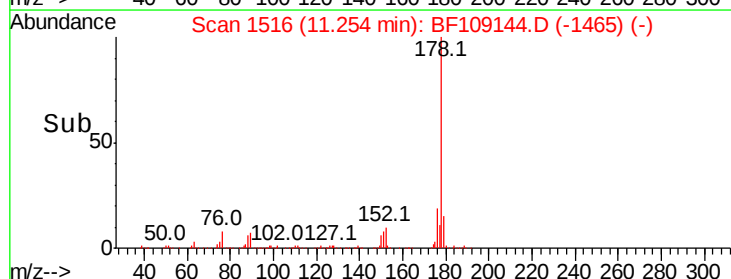
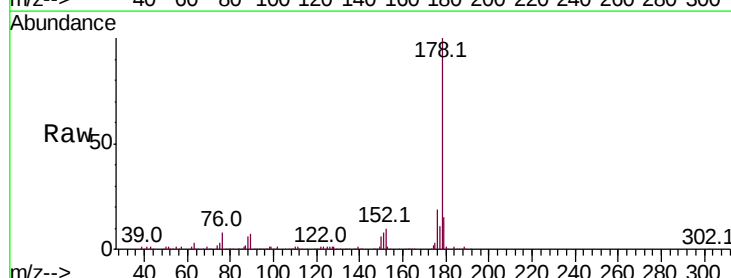
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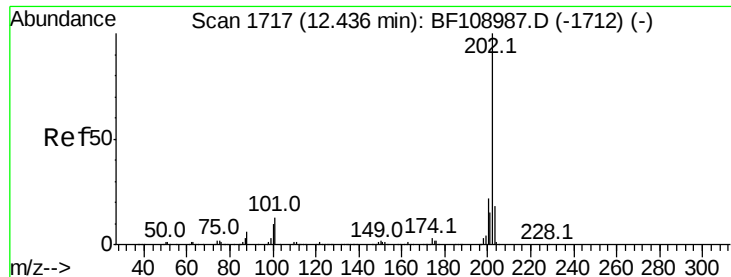
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#70
Phenanthrene
Concen: 12.313 ng
RT: 11.25 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF109144.D
Acq: 19 Sep 2018 15:35

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.9	13.0	19.6





#74

Fluoranthene

Concen: 20.165 ng

RT: 12.44 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BF109144.D

Acq: 19 Sep 2018 15:35

Instrument :

BNA_F

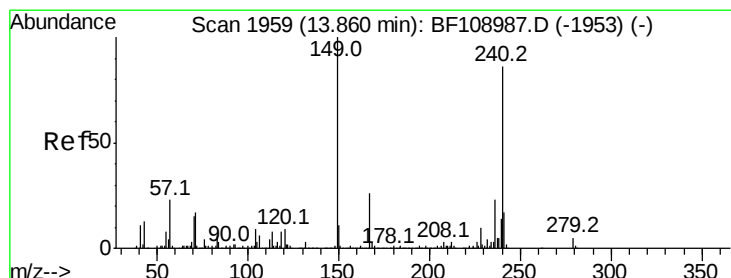
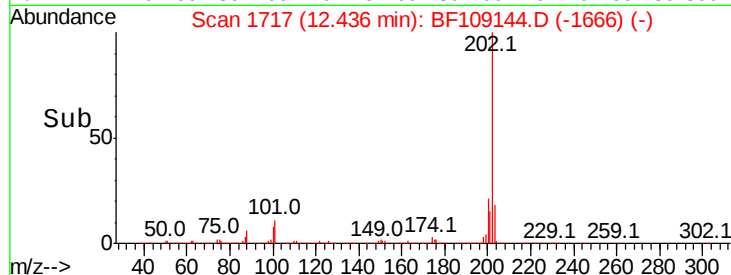
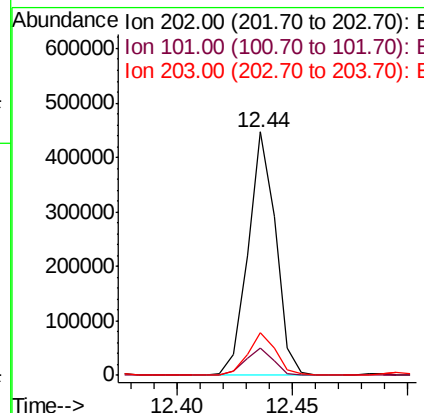
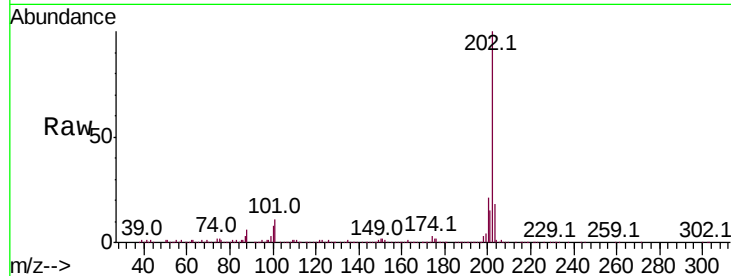
ClientSampleId :

SUP-UST-091718-03

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	0.0	34.1
203	17.6	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

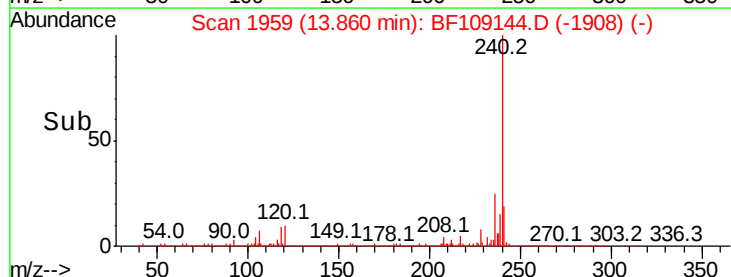
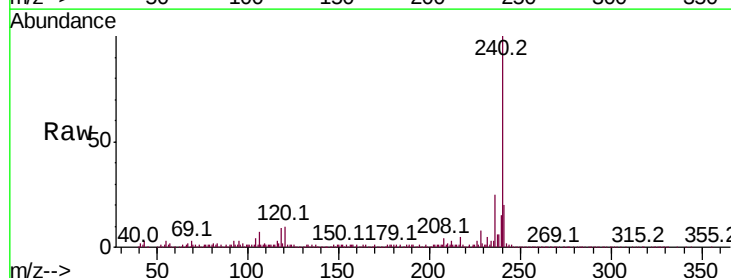
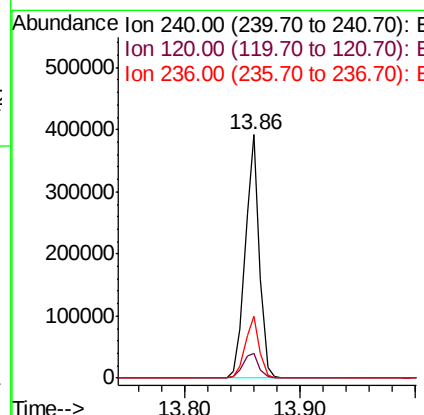
RT: 13.86 min Scan# 1959

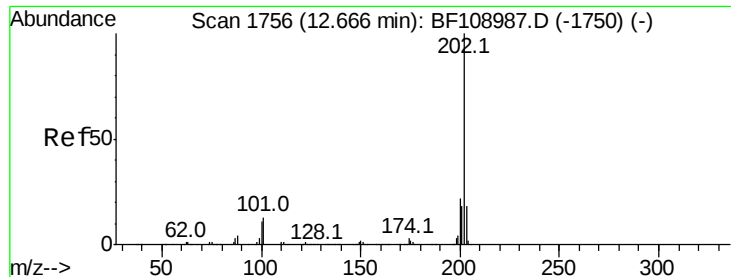
Delta R.T. -0.00 min

Lab File: BF109144.D

Acq: 19 Sep 2018 15:35

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.3	9.5	14.3
236	25.3	20.7	31.1





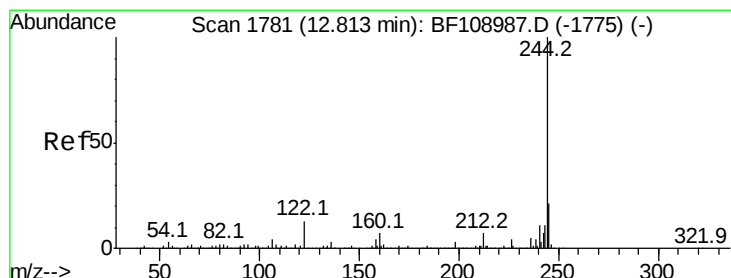
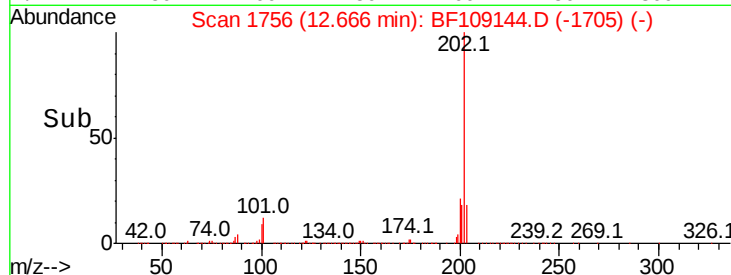
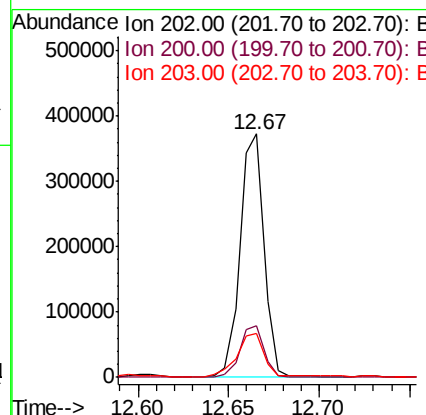
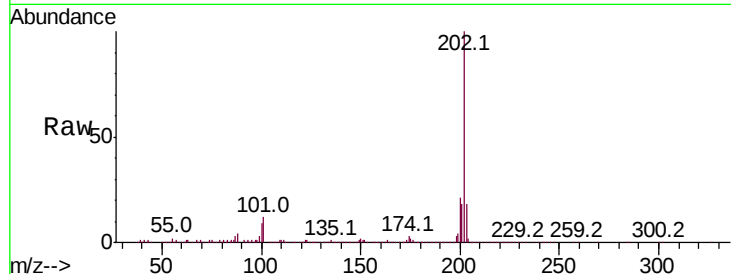
#77
Pvrene
Concen: 13.986 ng
RT: 12.67 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BF109144.D
Acq: 19 Sep 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SUP-UST-091718-03

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.9	14.3	21.5

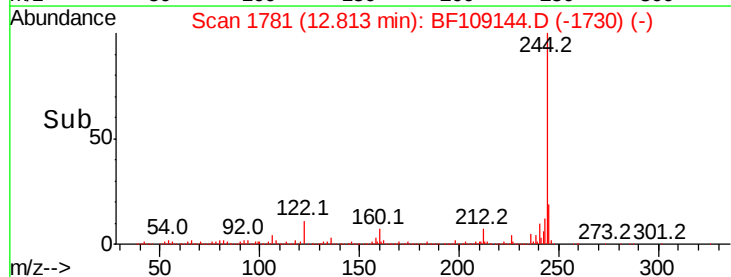
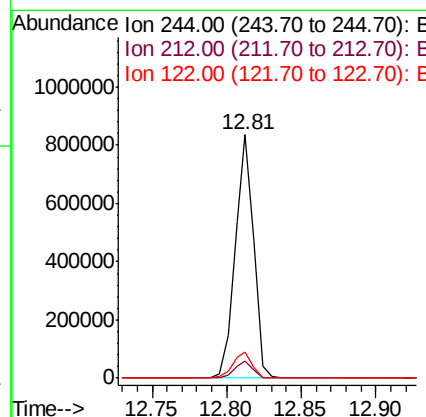
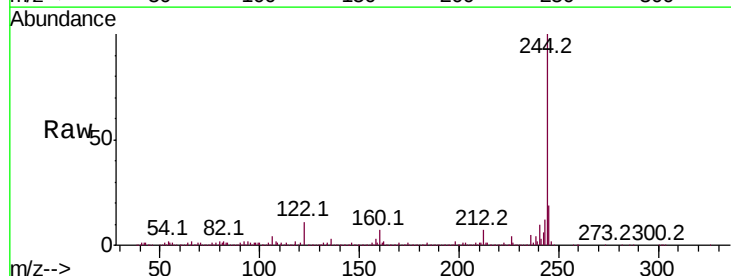
Manual Integrations
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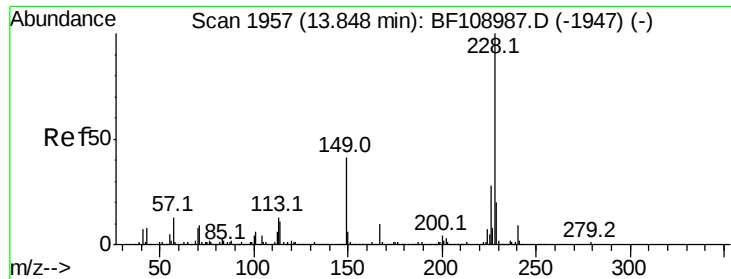
Sohil
9/20/2018 10:06:37 AM



#78
Terphenyl-d14
Concen: 52.562 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109144.D
Acq: 19 Sep 2018 15:35

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.9	11.0	16.4#





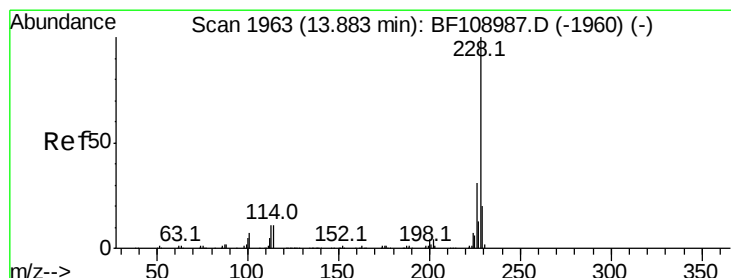
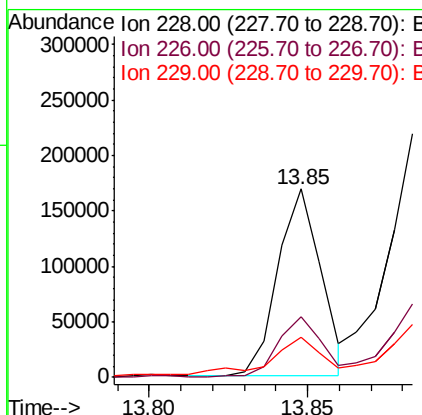
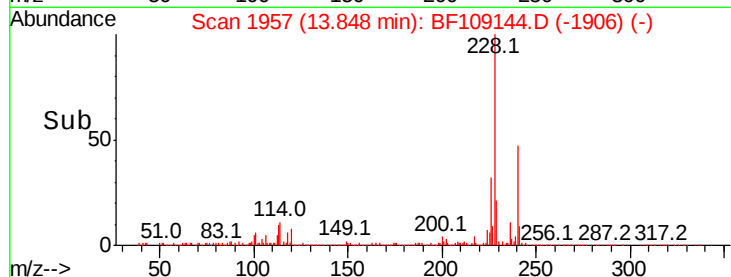
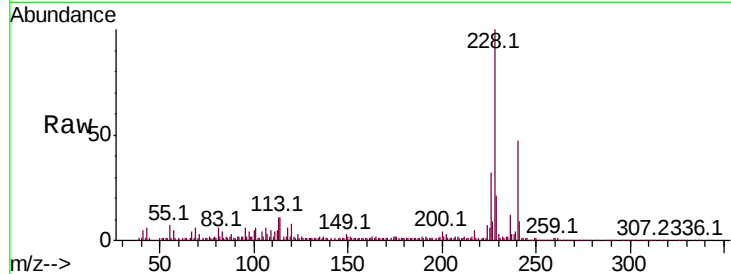
#80
Benzo(a)anthracene
Concen: 8.084 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BF109144.D
Acq: 19 Sep 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SUP-UST-091718-03

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.6	33.8
229	21.5	15.8	23.6

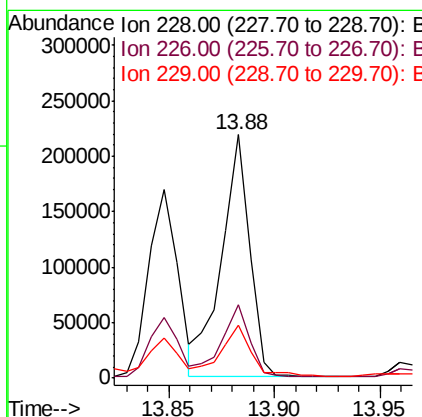
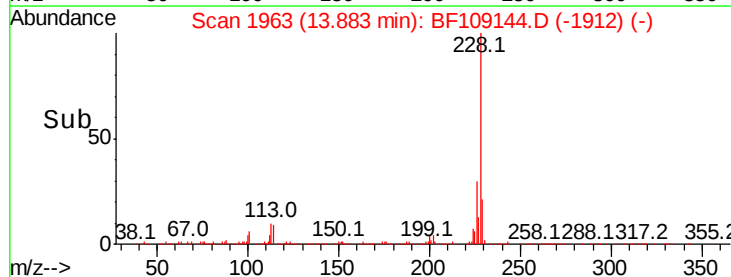
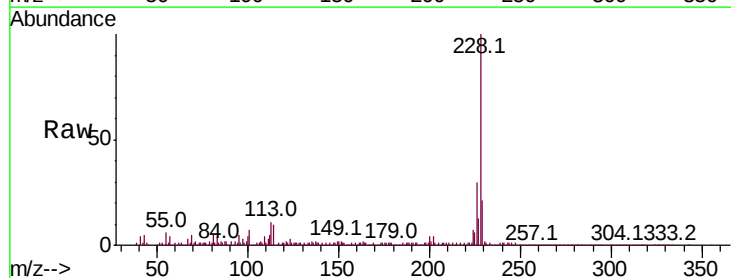
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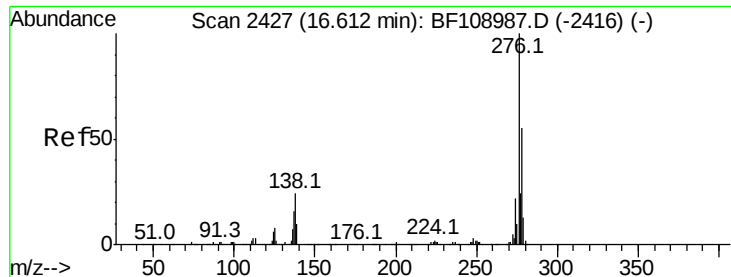
Sohil
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#82
Chrysene
Concen: 10.190 ng
RT: 13.88 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BF109144.D
Acq: 19 Sep 2018 15:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.5	16.2	24.4





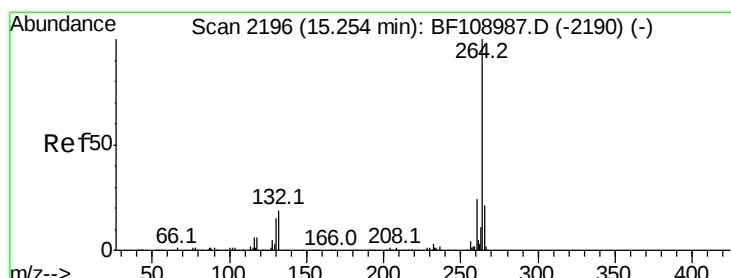
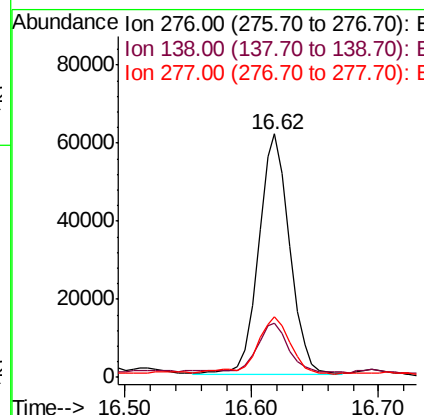
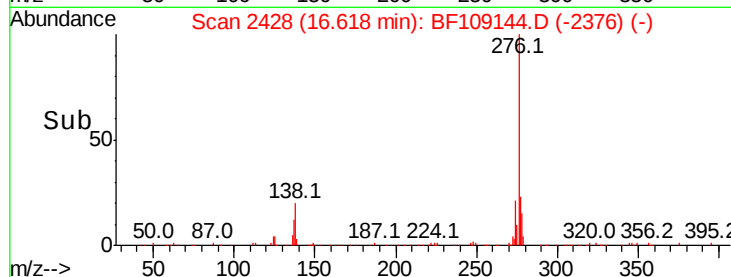
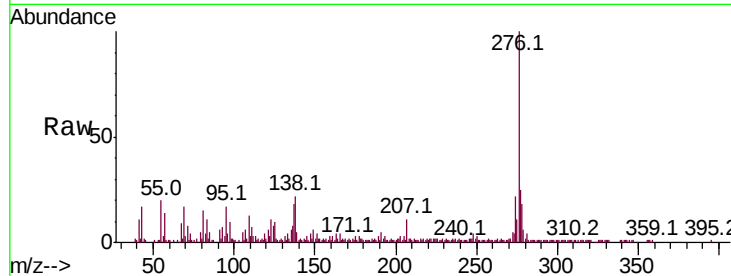
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.603 ng
RT: 16.62 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF109144.D
Acq: 19 Sep 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SUP-UST-091718-03

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	25.0	37.6#
277	27.0	20.1	30.1

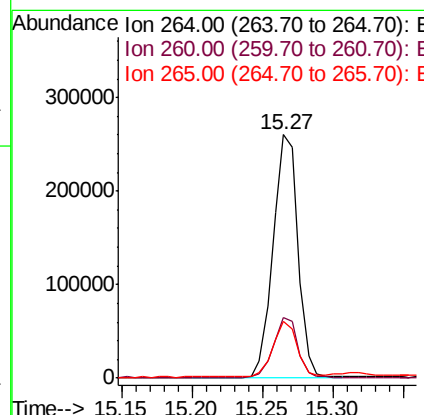
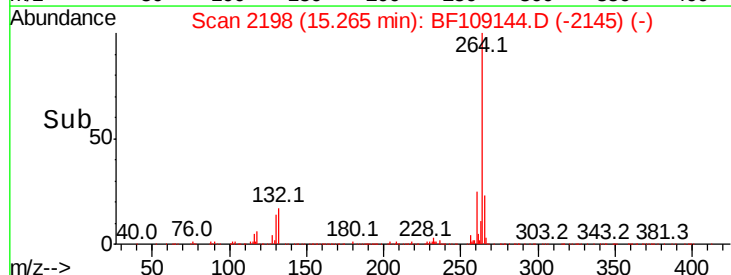
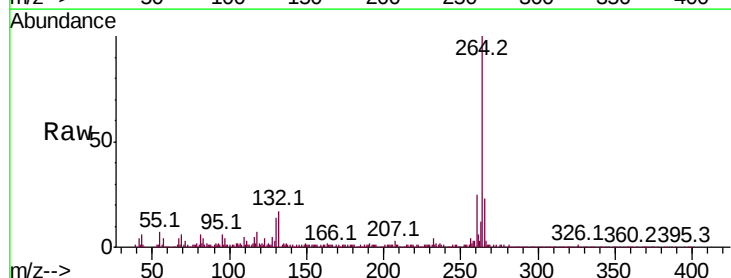
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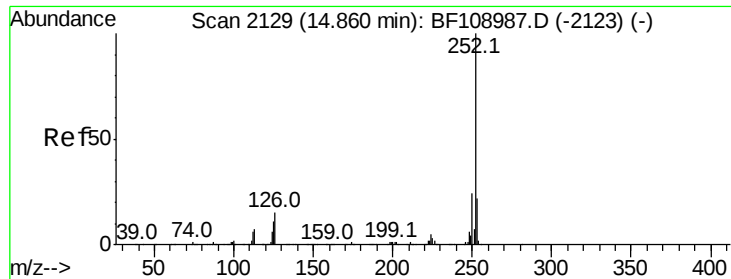
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF109144.D
Acq: 19 Sep 2018 15:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	23.4	17.5	26.3





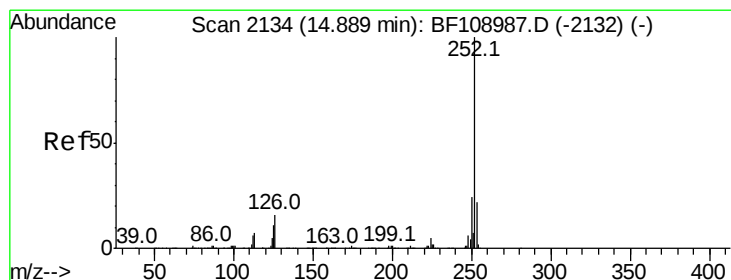
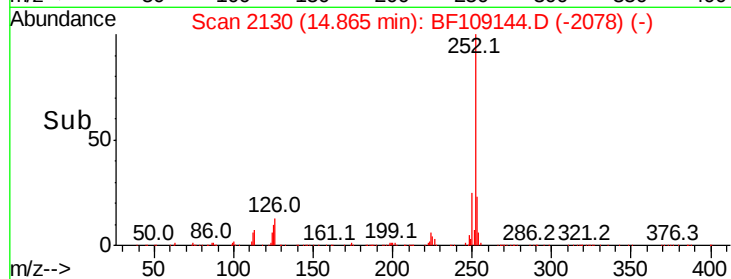
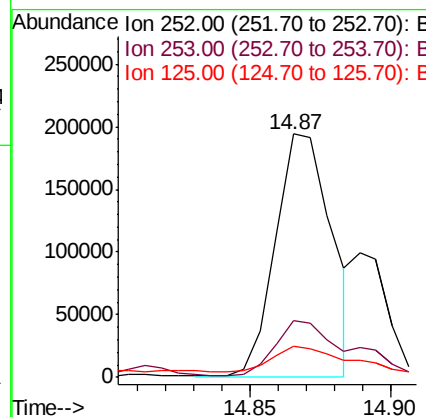
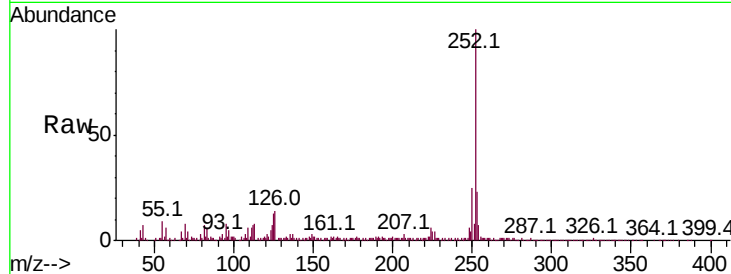
#87
Benzo(b)fluoranthene
Concen: 15.160 ng m
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109144.D
Acq: 19 Sep 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SUP-UST-091718-03

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	12.9	9.0	13.6

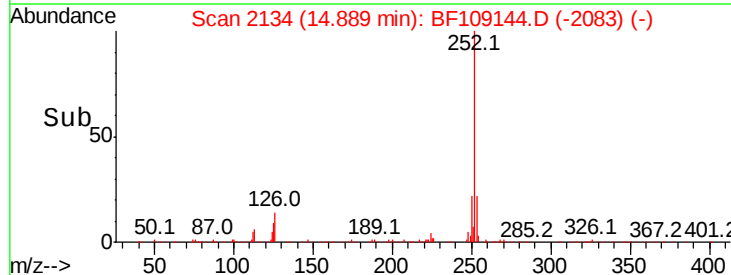
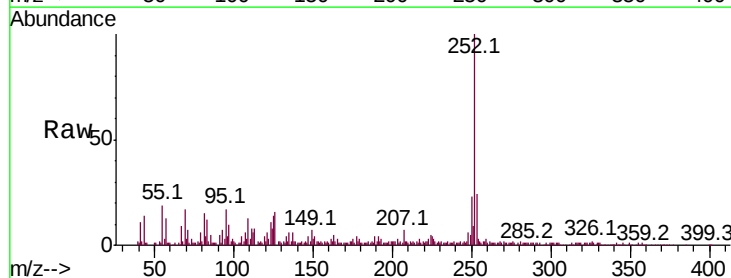
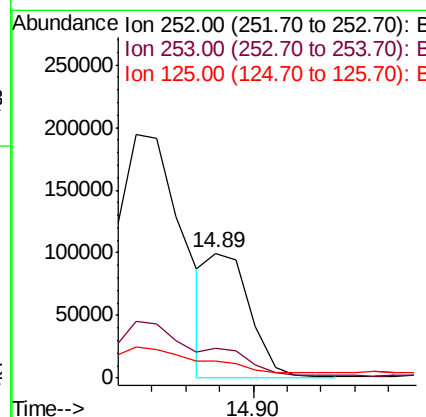
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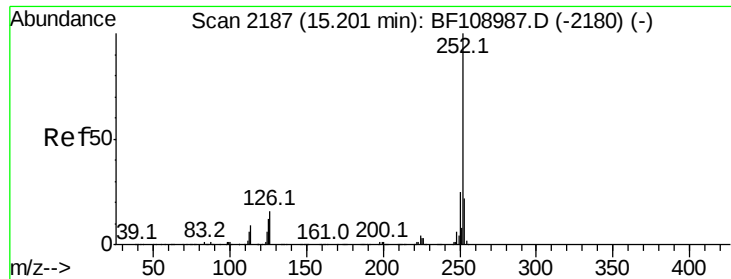
Sohil
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#88
Benzo(k)fluoranthene
Concen: 5.318 ng m
RT: 14.89 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BF109144.D
Acq: 19 Sep 2018 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	14.0	10.2	15.2





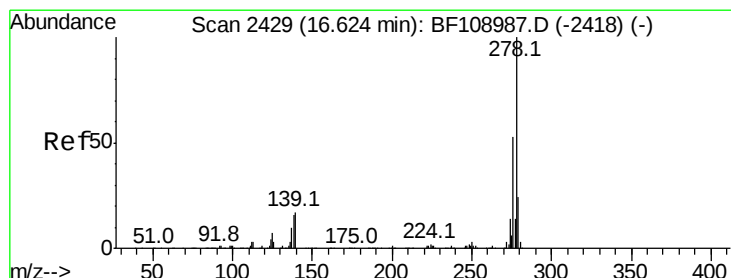
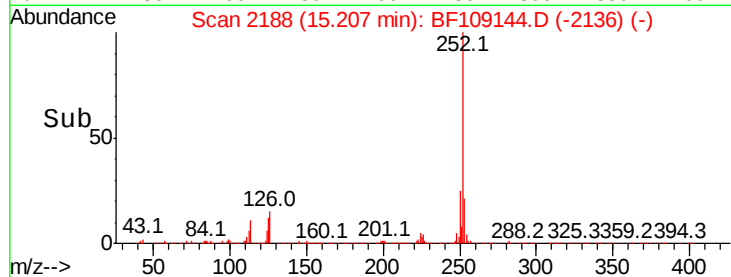
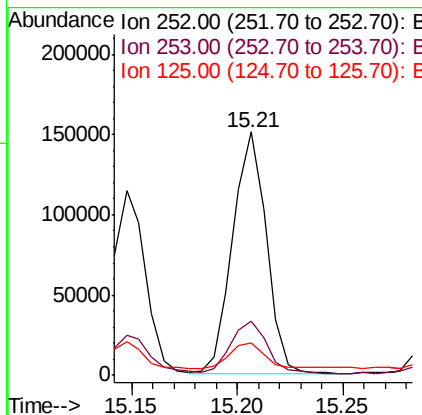
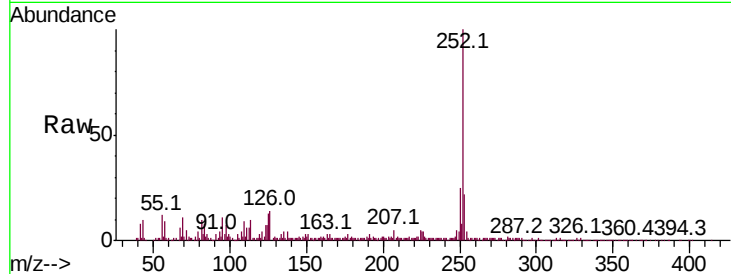
#89
Benzo(a)pyrene
Concen: 10.520 ng
RT: 15.21 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BF109144.D
Acq: 19 Sep 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SUP-UST-091718-03

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	13.1	9.8	14.6

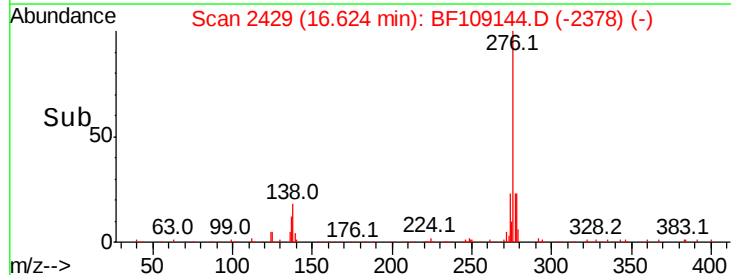
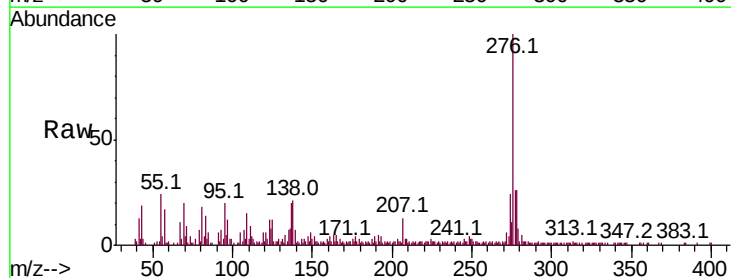
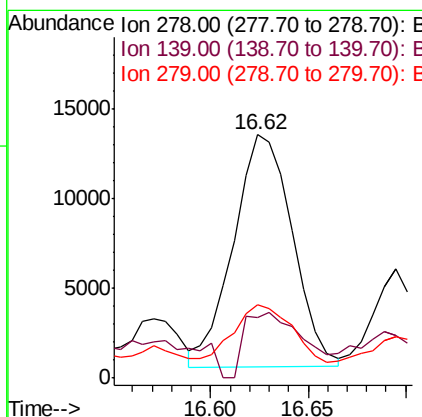
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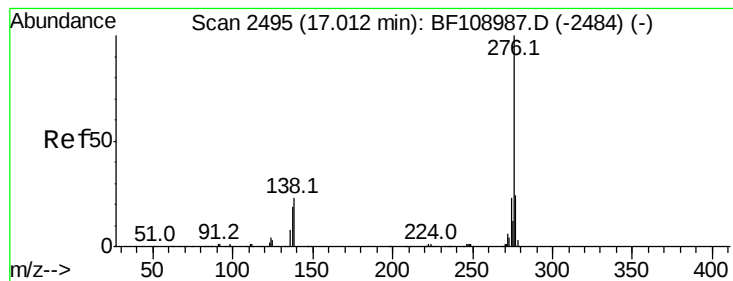
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#90
Dibenzo(a,h)anthracene
Concen: 2.039 ng
RT: 16.62 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BF109144.D
Acq: 19 Sep 2018 15:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.1	15.9	23.9#
279	30.4	19.0	28.4#





#91
 Benzo(a,h,i)perylene
 Concen: 7.323 ng
 RT: 17.02 min Scan# 2497
 Delta R.T. 0.01 min
 Lab File: BF109144.D
 Acq: 19 Sep 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-091718-03

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	22.7	21.8	32.8

Manual Integrations
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