

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098693.D
 Acq On : 22 Sep 2017 12:06
 Operator : SJ/JU
 Sample : I5312-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-091917

Manual Integrations
 APPROVED

Sohil
 9/25/2017 6:21:02 PM

Quant Time: Sep 22 13:22:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 11:54:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	152540	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	621673	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	261854	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	399160	20.00	ng	0.00
75) Chrysene-d12	14.09	240	338044	20.00	ng	0.00
86) Perylene-d12	15.58	264	343599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	210676	20.97	ng	0.00
7) Phenol-d6	6.53	99	269599	22.16	ng	-0.01
23) Nitrobenzene-d5	7.48	82	141420	15.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	41024	17.13	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	277154	16.84	ng	0.00
78) Terphenyl-d14	13.03	244	203868	12.95	ng	0.00
Target Compounds						
74) Fluoranthene	12.66	202	48644	2.254	ng	97
77) Pyrene	12.89	202	51096	2.036	ng	96
87) Benzo(b)fluoranthene	15.14	252	58455m	2.933	ng	
89) Benzo(a)pyrene	15.52	252	37657	2.081	ng	# 84

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

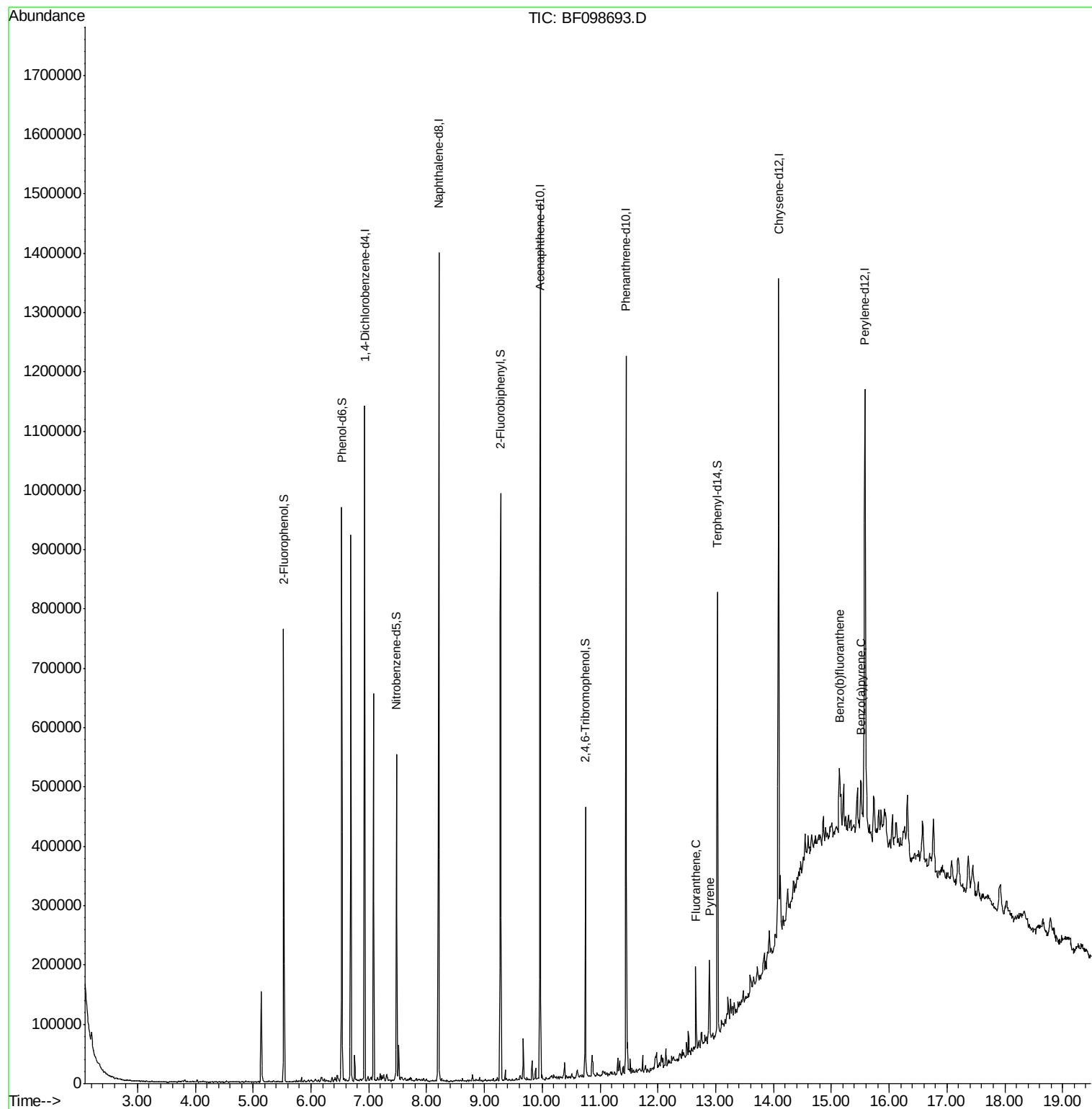
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
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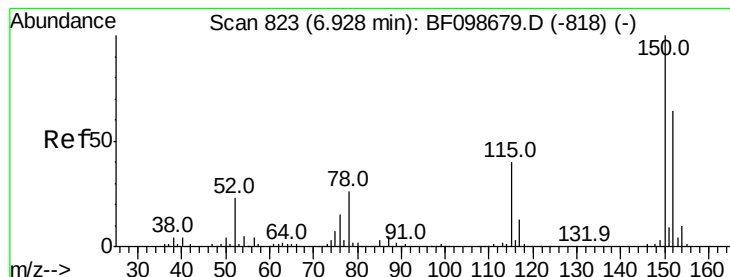
Instrument :
BNA_F
ClientSampleId :
OR-01-091917

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Quant Time: Sep 22 13:22:07 2017
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#1

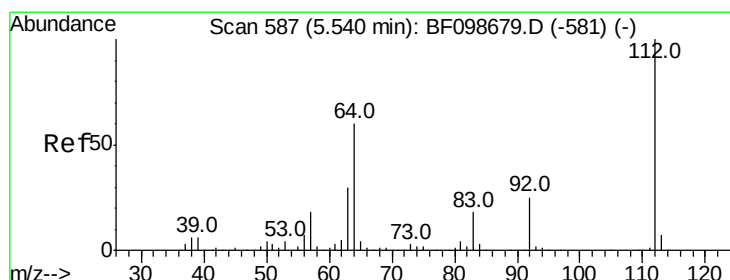
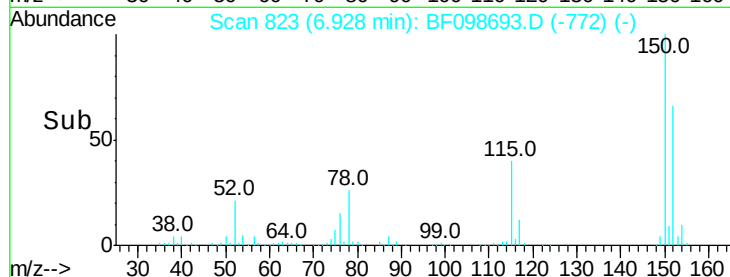
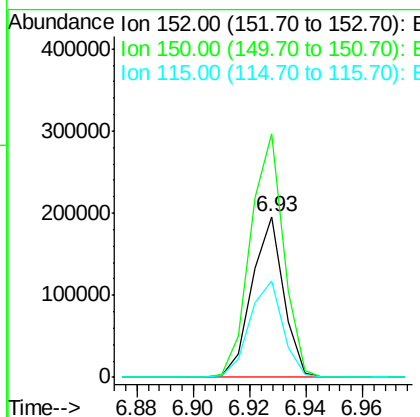
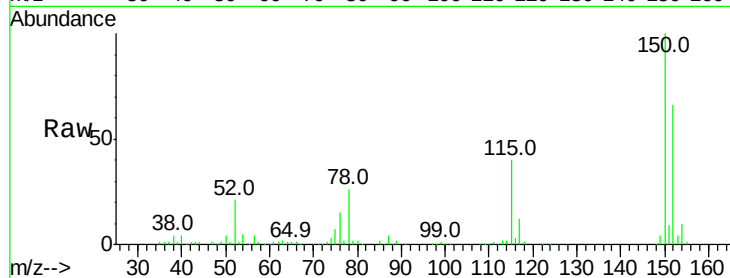
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF098693.D
Acq: 22 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :
OR-01-091917

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.6	186.8
115	60.0	50.1	75.1

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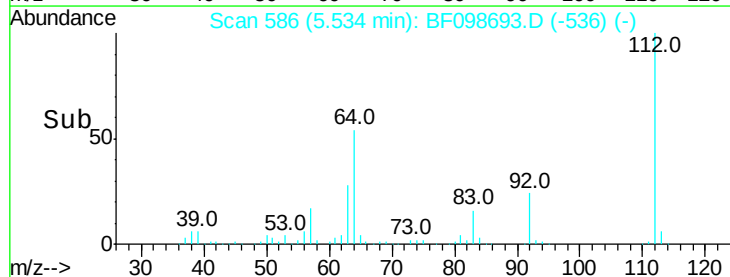
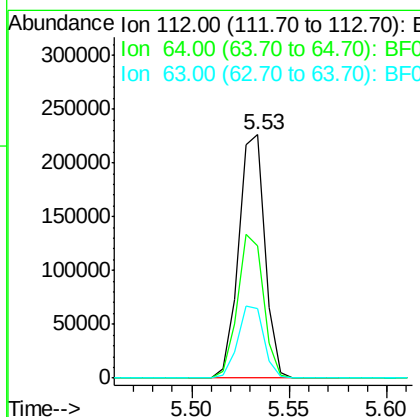
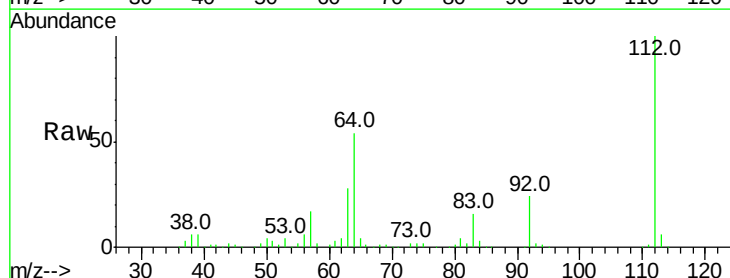
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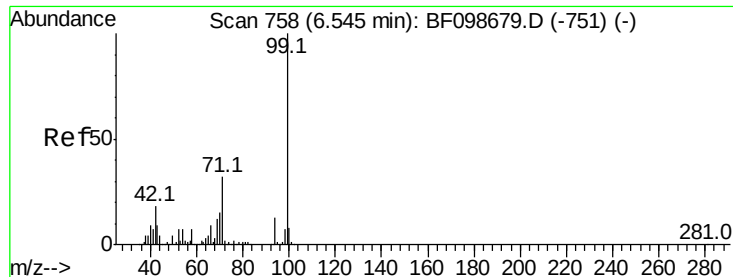


#5

2-Fluorophenol
Concen: 20.973 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098693.D
Acq: 22 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	28.4	23.7	35.5





#7

Phenol-d6

Concen: 22.163 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098693.D

Acq: 22 Sep 2017 12:06

Instrument :

BNA_F

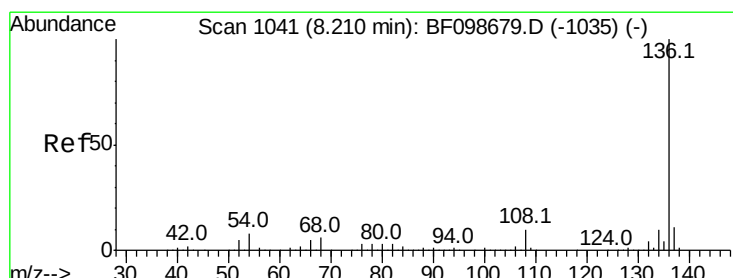
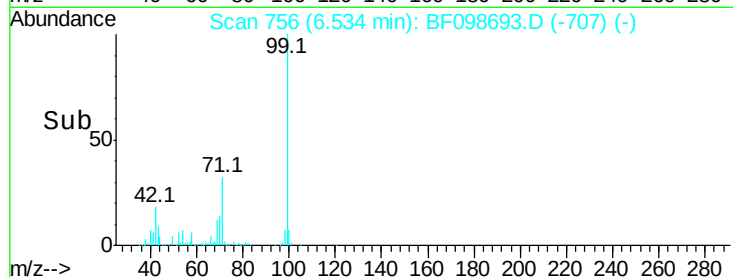
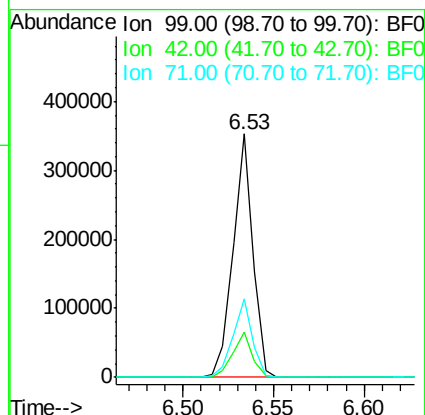
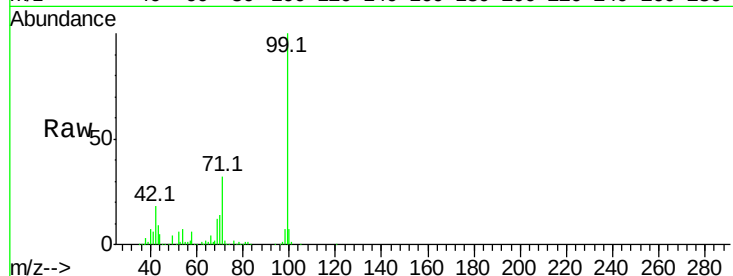
ClientSampleId :

OR-01-091917

Tot Ion:	99	Resp:	269599
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.5	21.7
71	32.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

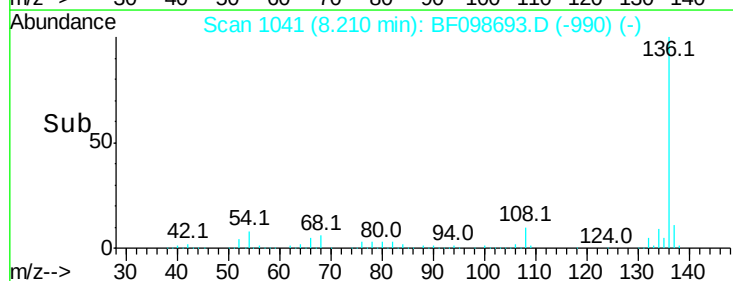
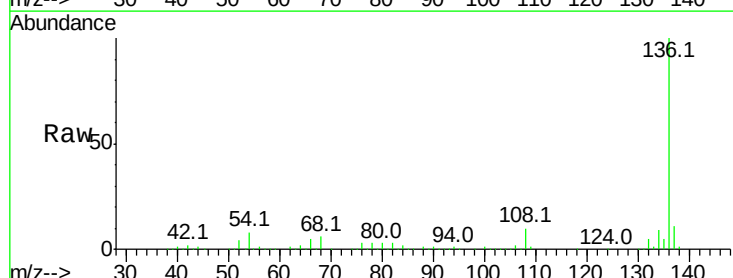
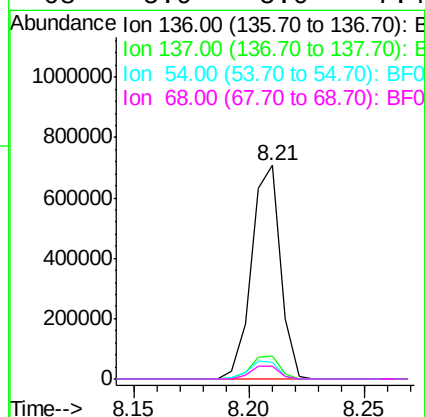
RT: 8.21 min Scan# 1041

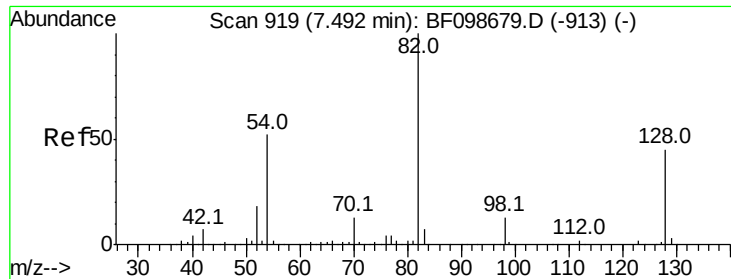
Delta R.T. 0.00 min

Lab File: BF098693.D

Acq: 22 Sep 2017 12:06

Tgt Ion:	136	Resp:	621673
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.5	6.6	9.8
68	5.9	5.0	7.4





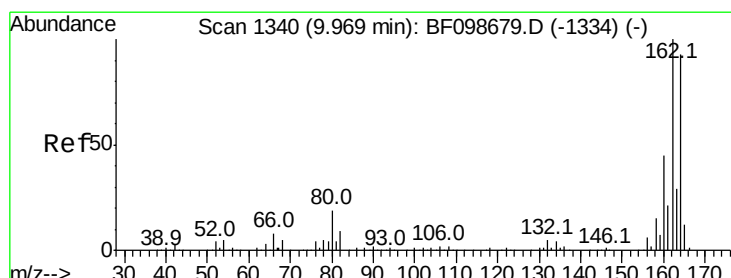
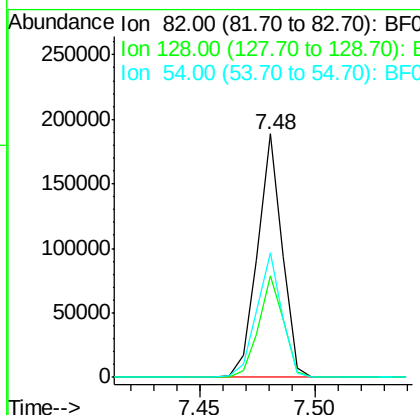
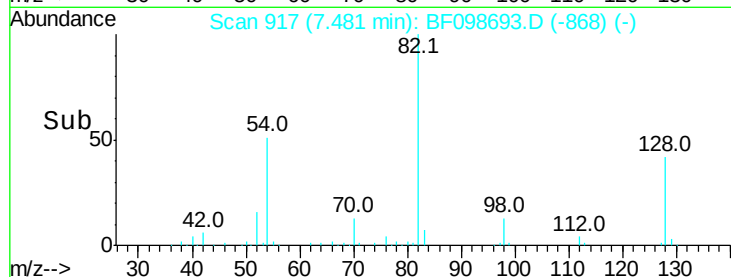
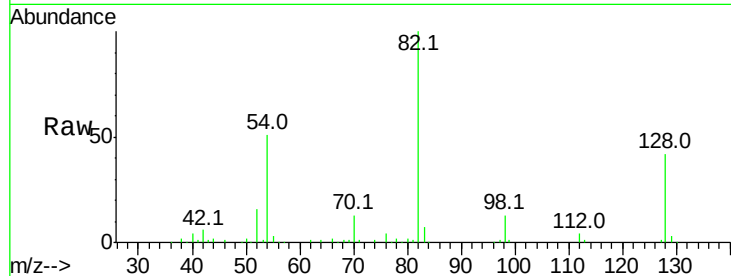
#23
 Nitrobenzene-d5
 Concen: 15.430 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098693.D
 Acq: 22 Sep 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-091917

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	50.9	41.4	62.2

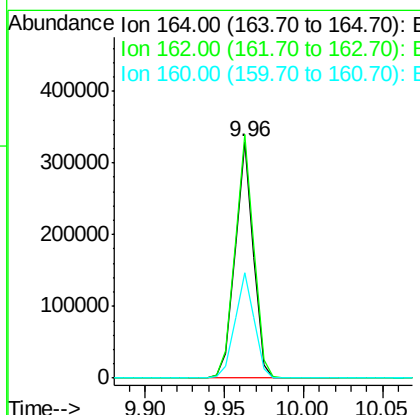
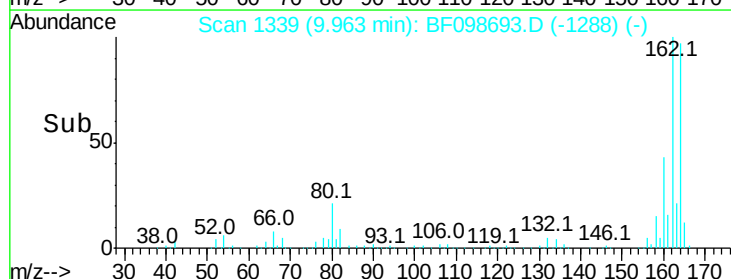
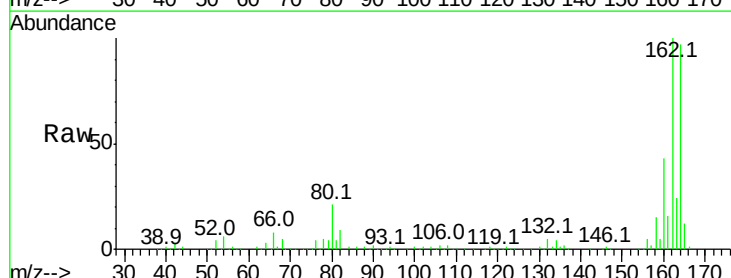
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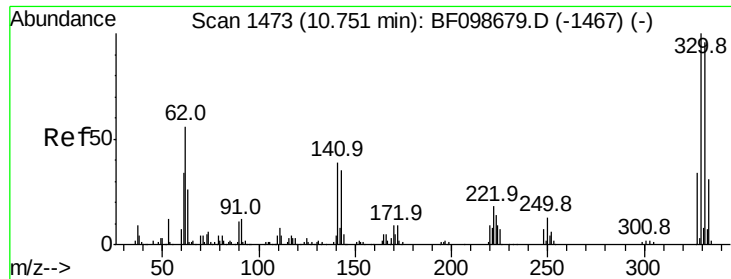
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF098693.D
 Acq: 22 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	44.9	38.3	57.5





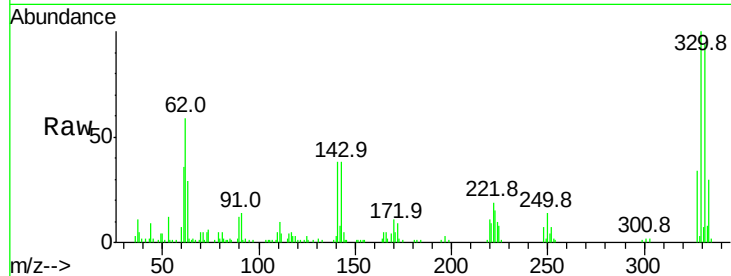
#41
 2,4,6-Tribromophenol
 Concen: 17.131 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098693.D
 Acq: 22 Sep 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-091917

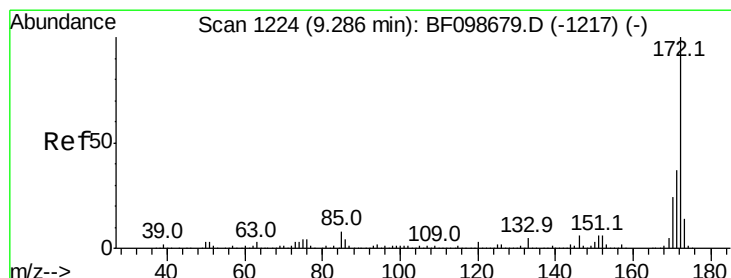
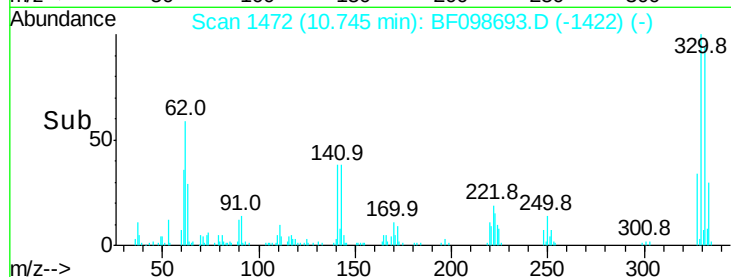
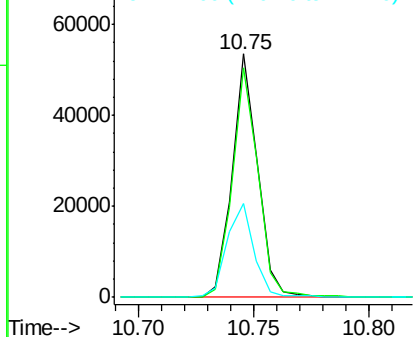
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	41.3	29.9	44.9

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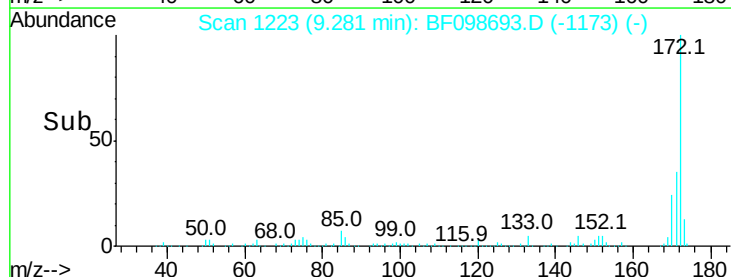
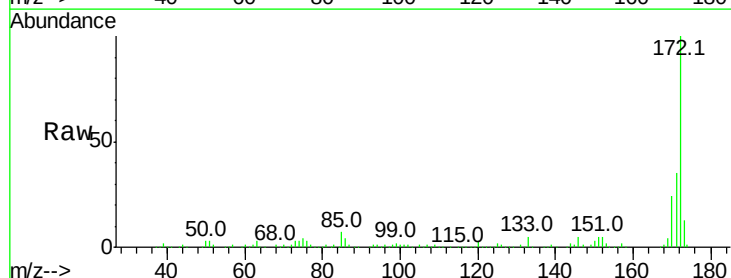
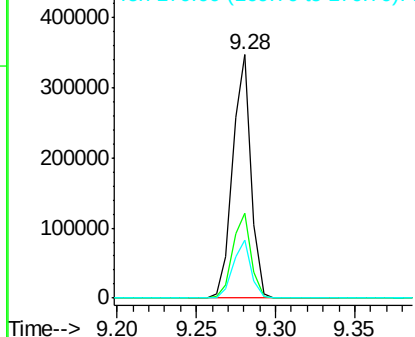
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

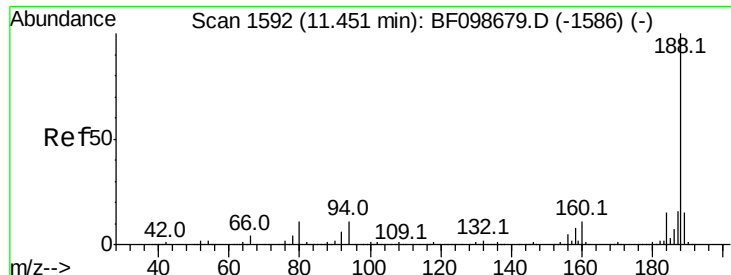


#44
 2-Fluorobiphenyl
 Concen: 16.843 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF098693.D
 Acq: 22 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.9	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





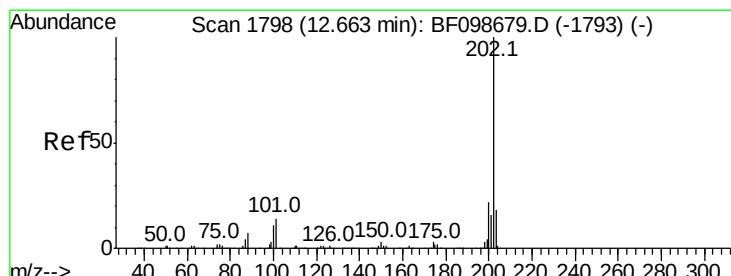
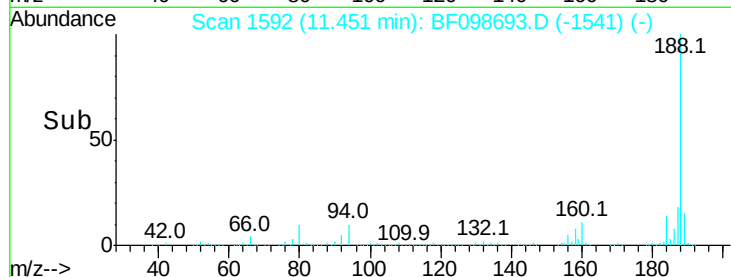
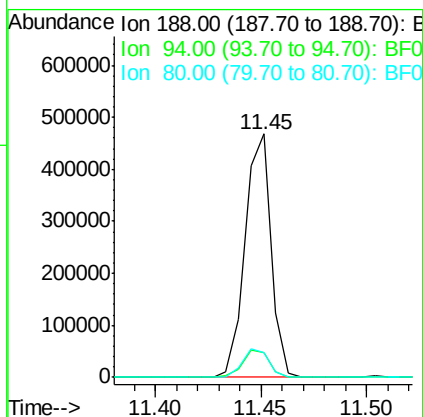
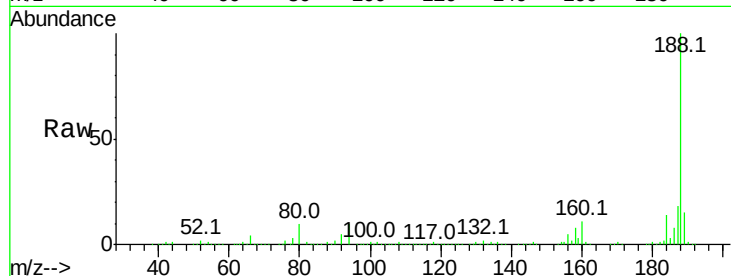
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF098693.D
Acq: 22 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :
OR-01-091917

Tot Ion	Ratio	Resp	Lower	Upper
188	100	399160		
94	10.2		8.5	12.7
80	10.3		9.2	13.8

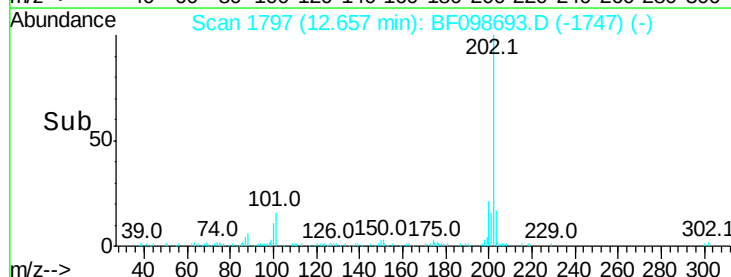
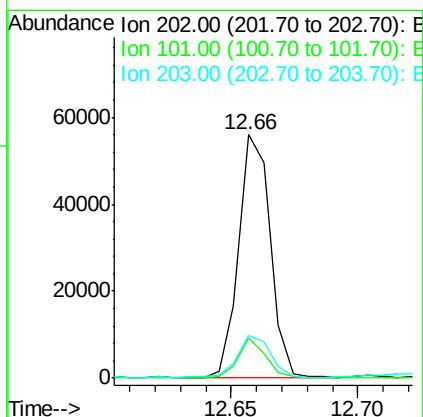
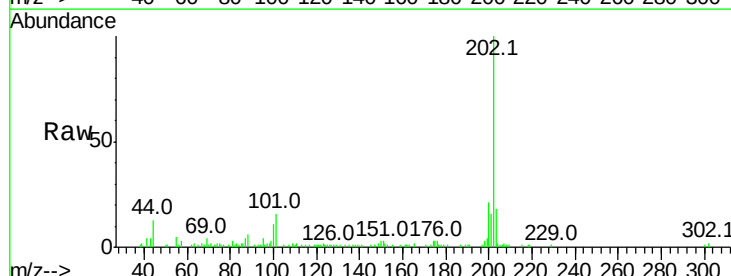
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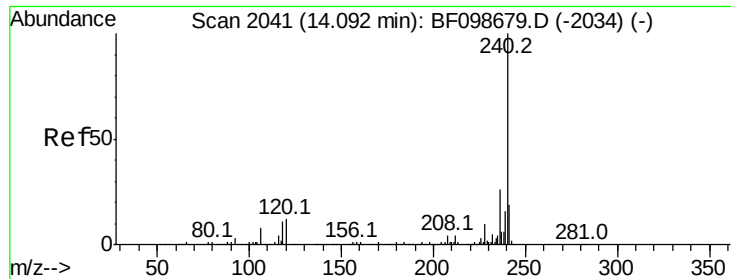
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#74
Fluoranthene
Concen: 2.254 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098693.D
Acq: 22 Sep 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	48644		
101	16.3		0.0	34.1
203	17.5		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF098693.D

Acq: 22 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

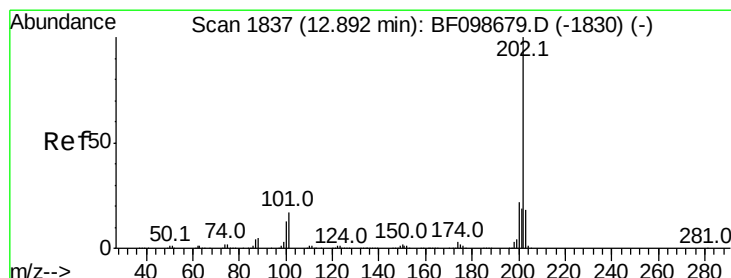
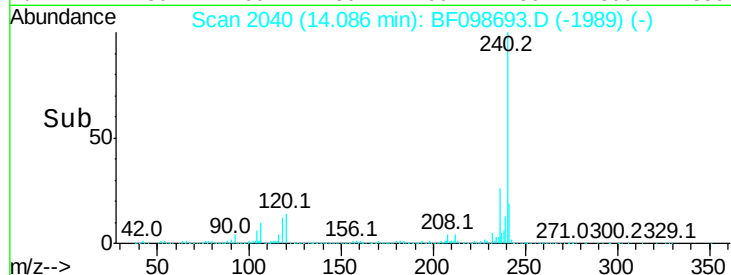
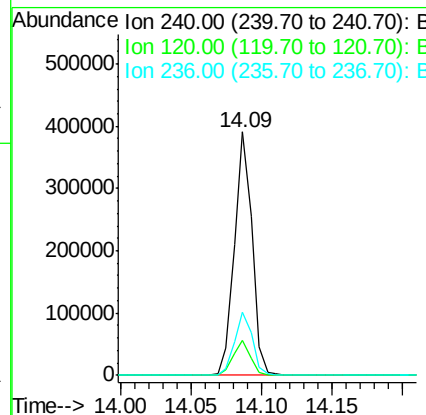
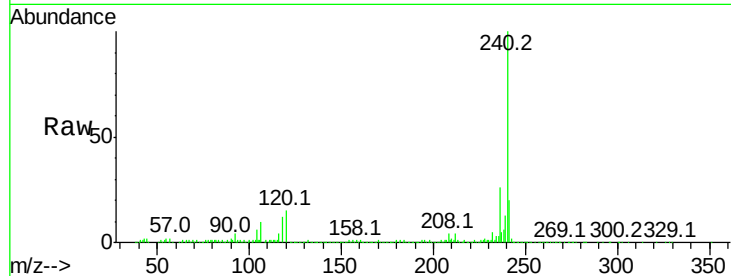
OR-01-091917

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	25.9	20.7	31.1

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#77

Pyrene

Concen: 2.036 ng

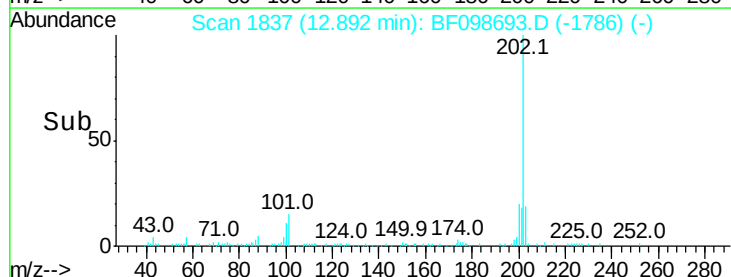
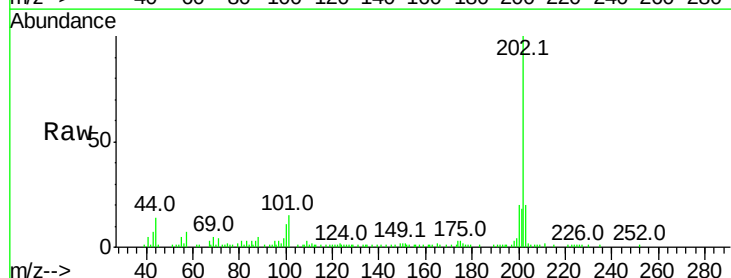
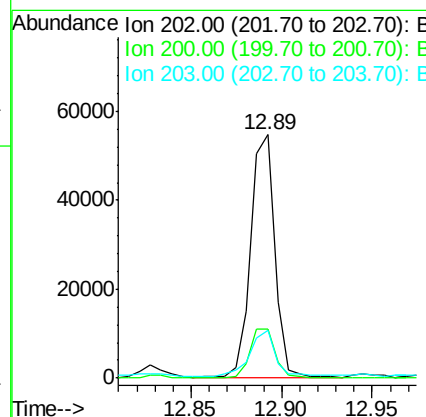
RT: 12.89 min Scan# 1837

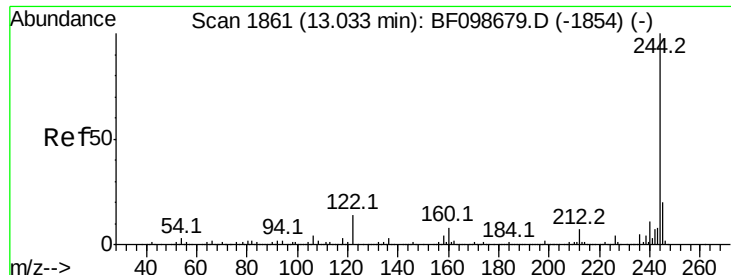
Delta R.T. 0.00 min

Lab File: BF098693.D

Acq: 22 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	19.6	14.3	21.5





#78

Terphenyl-d14

Concen: 12.950 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098693.D

Acq: 22 Sep 2017 12:06

Instrument :

BNA_F

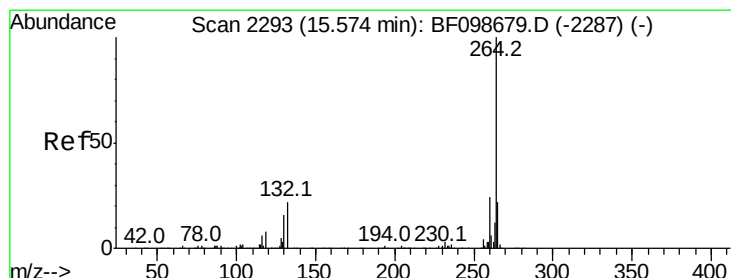
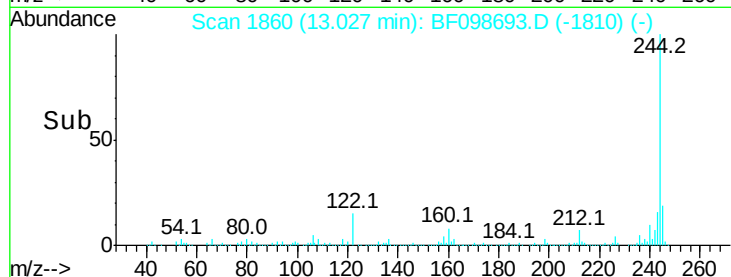
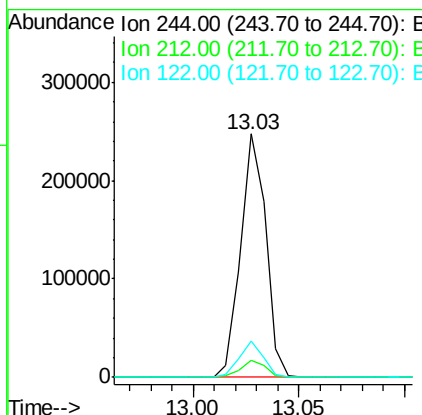
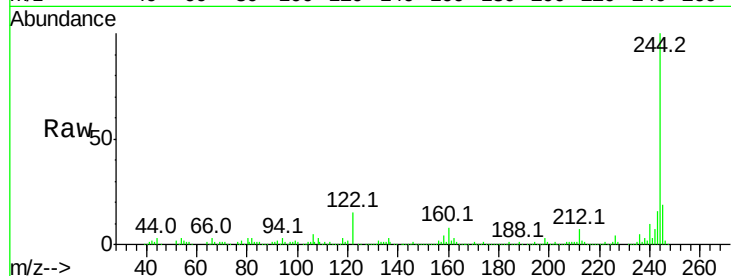
ClientSampleId :

OR-01-091917

Tot Ion:	244	Resp:	203868
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	14.6	11.0	16.4

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#86

Perylene-d12

Concen: 20.000 ng

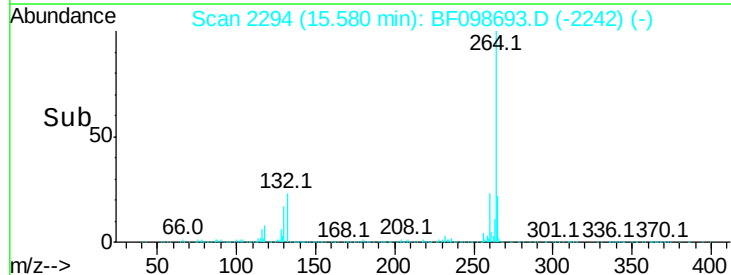
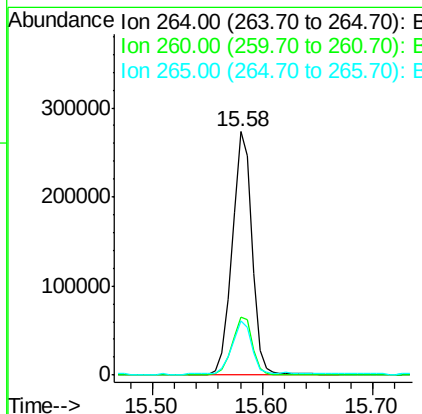
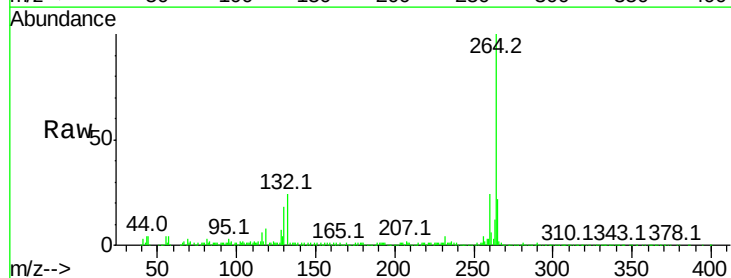
RT: 15.58 min Scan# 2294

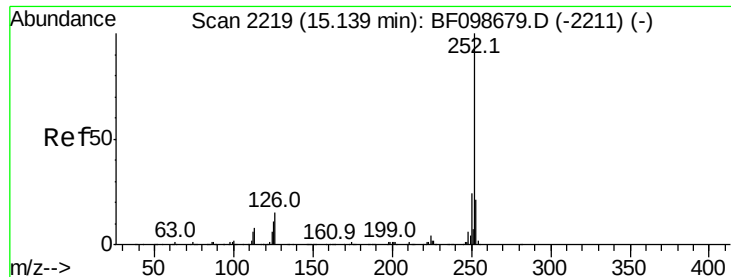
Delta R.T. 0.01 min

Lab File: BF098693.D

Acq: 22 Sep 2017 12:06

Tgt Ion:	264	Resp:	343599
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	22.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.933 ng/mL

RT: 15.14 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BF098693.D

Acq: 22 Sep 2017 12:06

Instrument :

BNA_F

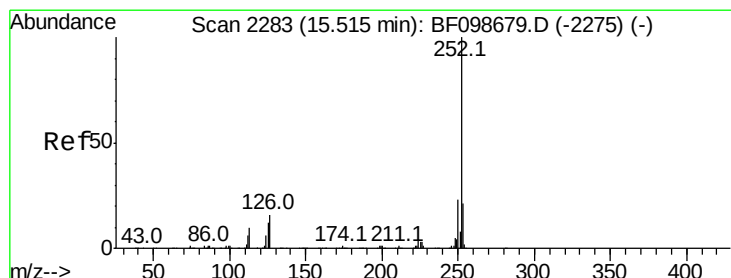
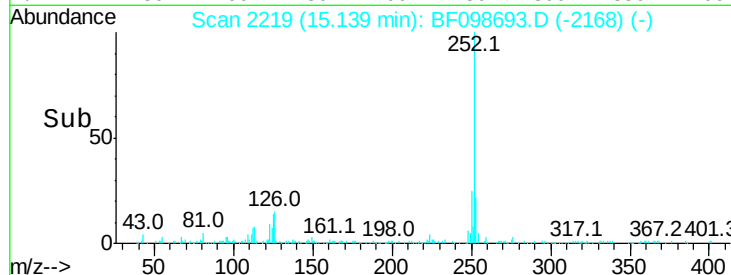
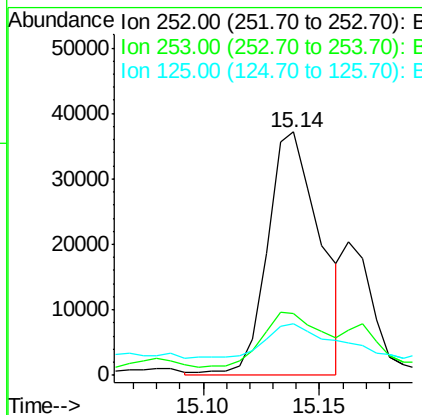
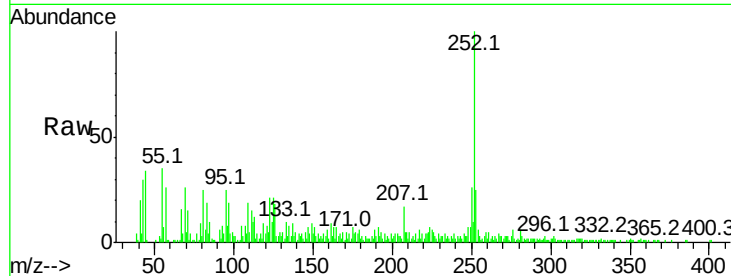
ClientSampleId :

OR-01-091917

Tot Ion	252	Resp	58455
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.0	25.6
125	21.4	9.0	13.6#

Manual Integrations
APPROVED

Sohil
9/25/2017 6:21:02 PM



#89

Benzo(a)pyrene

Concen: 2.081 ng/mL

RT: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF098693.D

Acq: 22 Sep 2017 12:06

Tgt Ion	252	Resp	37657
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.1	25.7#
125	22.0	9.8	14.6#

