

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098833.D
 Acq On : 26 Sep 2017 15:40
 Operator : SJ/JU
 Sample : I5363-03 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3-B-COMP

Manual Integrations
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Sohil
 9/27/2017 12:44:46 PM

Quant Time: Sep 27 01:44:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	132262	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	553927	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	258578	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	455893	20.00	ng	0.00
75) Chrysene-d12	14.07	240	289968	20.00	ng	-0.01
86) Perylene-d12	15.57	264	281237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	125890	15.15	ng	-0.02
7) Phenol-d6	6.52	99	154334	15.06	ng	-0.02
23) Nitrobenzene-d5	7.47	82	88976	10.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	30802	14.56	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	187619	12.11	ng	-0.02
78) Terphenyl-d14	13.02	244	152839	11.99	ng	-0.02
Target Compounds						
70) Phenanthrene	11.46	178	69312	2.840	ng	Qvalue 98
74) Fluoranthene	12.65	202	126620	5.124	ng	96
77) Pyrene	12.88	202	115432	5.221	ng	97
80) Benzo(a)anthracene	14.06	228	58709	3.344	ng	94
82) Chrysene	14.10	228	63680	3.809	ng	98
85) Indeno(1,2,3-cd)pyrene	17.06	276	28078	2.100	ng	99
87) Benzo(b)fluoranthene	15.13	252	86560m	5.006	ng	
89) Benzo(a)pyrene	15.50	252	48780	3.073	ng	# 89
91) Benzo(g,h,i)perylene	17.52	276	27900	2.222	ng	# 88

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

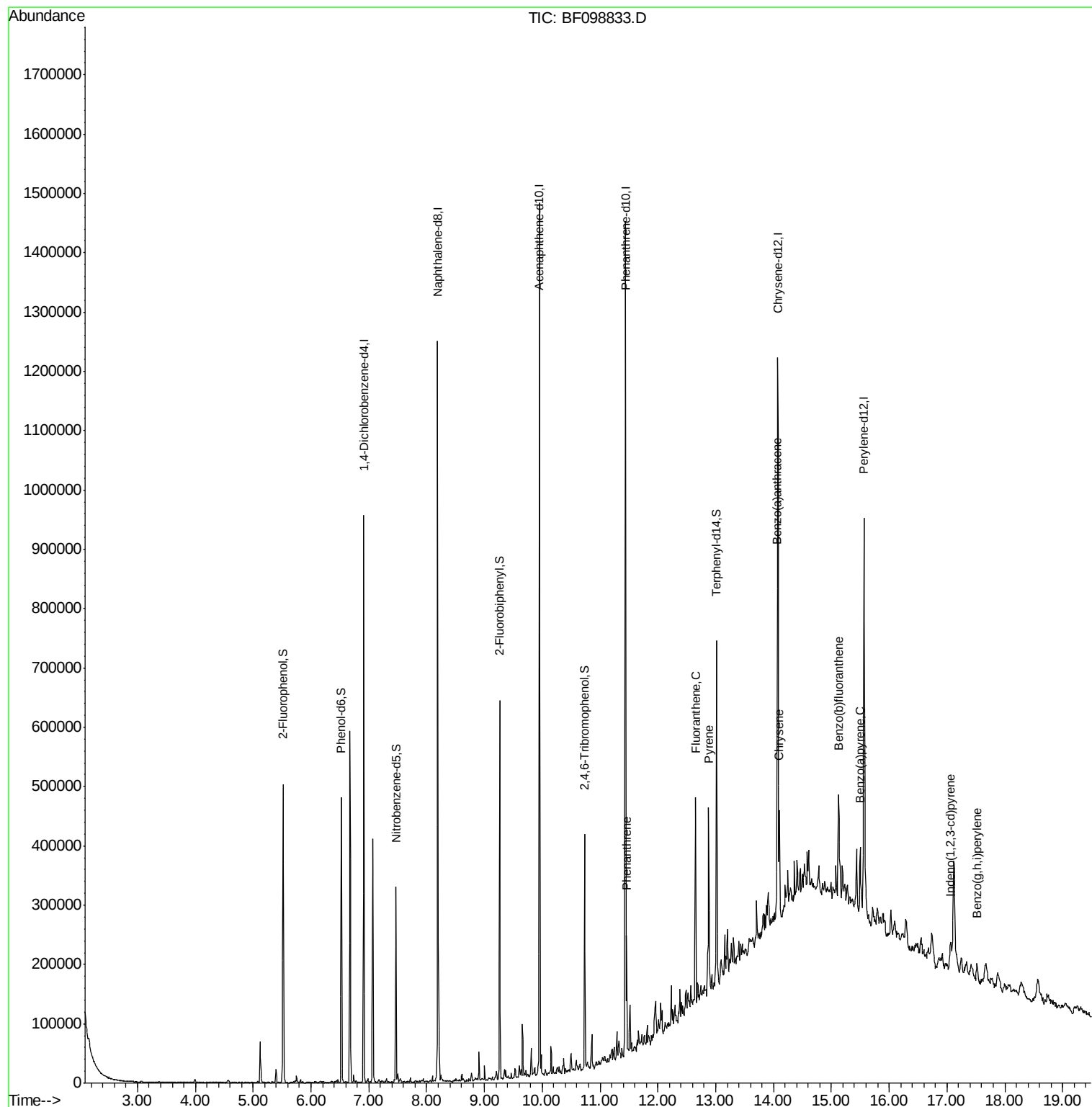
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
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#1

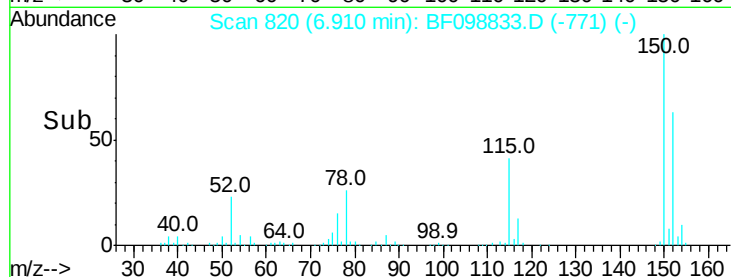
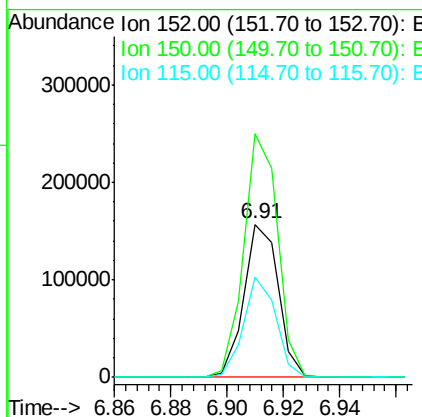
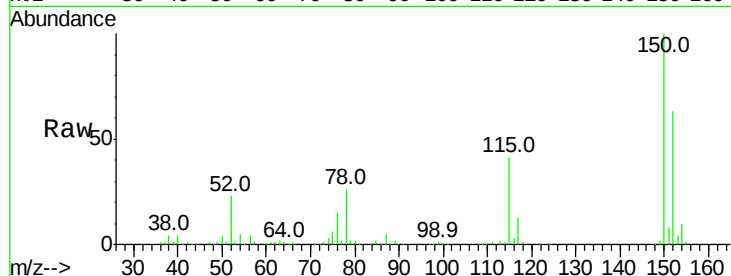
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098833.D
Acq: 26 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
SP-3-B-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	65.9	50.1	75.1

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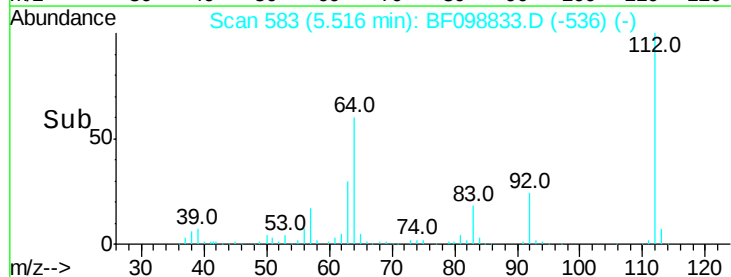
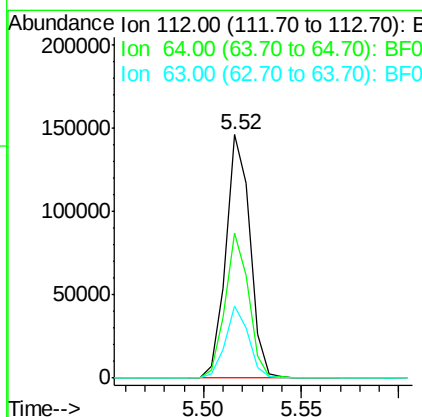
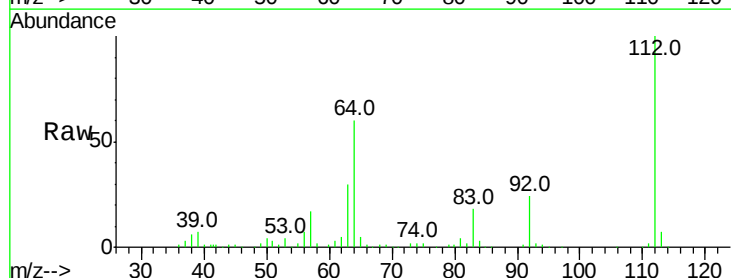
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#5

2-Fluorophenol
Concen: 15.152 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF098833.D
Acq: 26 Sep 2017 15:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	29.7	23.7	35.5





#7

Phenol-d6

Concen: 15.058 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF098833.D

Acq: 26 Sep 2017 15:40

Instrument :

BNA_F

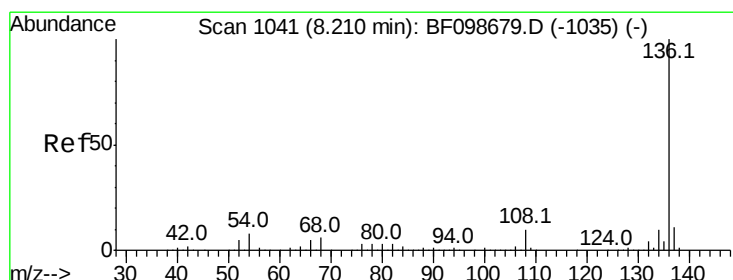
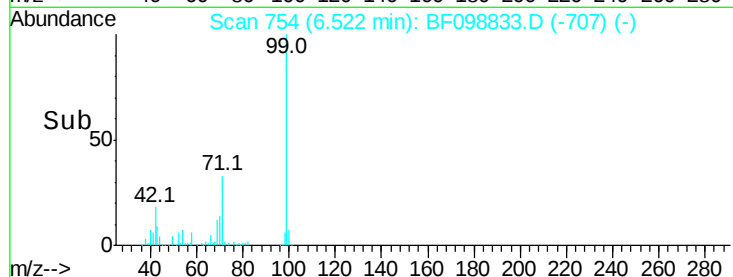
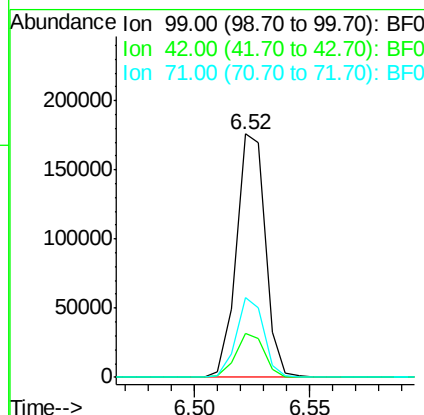
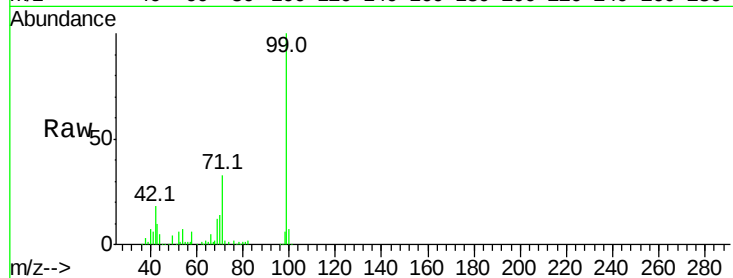
ClientSampleId :

SP-3-B-COMP

Tot Ion:	99	Resp:	154334
Ion Ratio	Lower	Upper	
99	100		
42	18.0	14.5	21.7
71	32.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

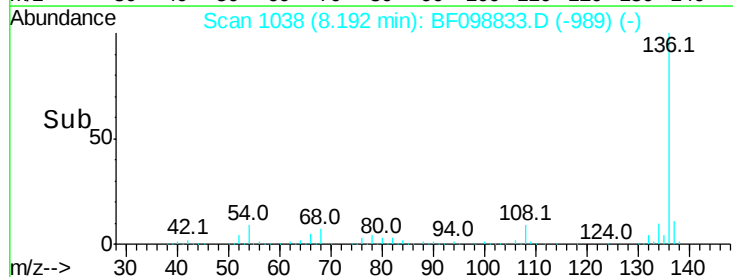
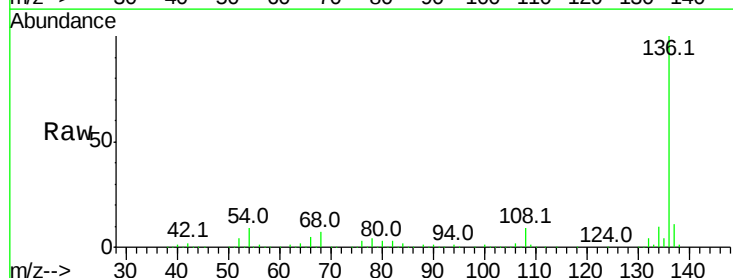
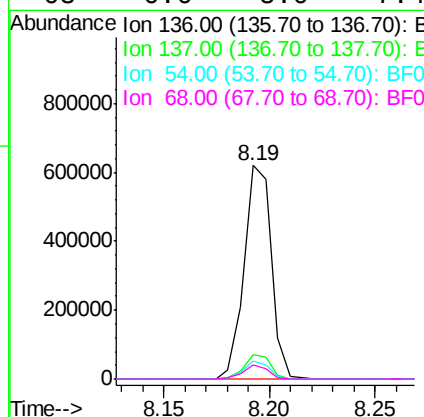
RT: 8.19 min Scan# 1038

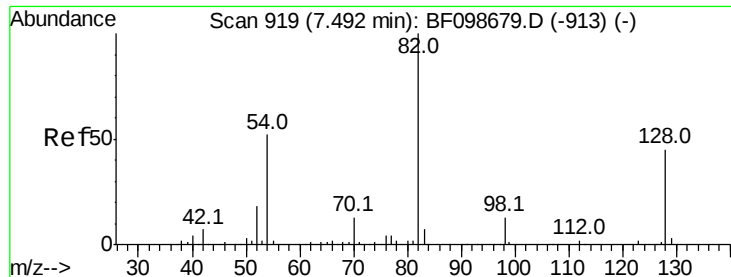
Delta R.T. -0.01 min

Lab File: BF098833.D

Acq: 26 Sep 2017 15:40

Tgt Ion:	136	Resp:	553927
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.9	13.3
54	8.6	6.6	9.8
68	6.6	5.0	7.4





#23

Nitrobenzene-d5

Concen: 10.301 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF098833.D

Acq: 26 Sep 2017 15:40

Instrument :

BNA_F

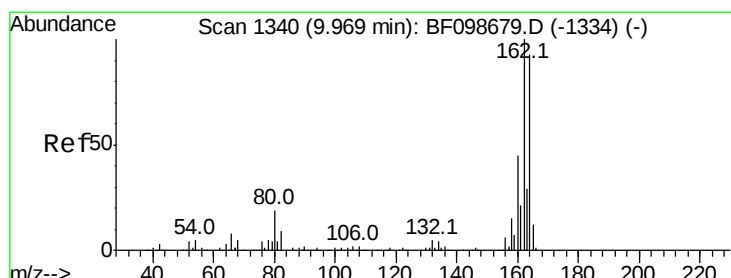
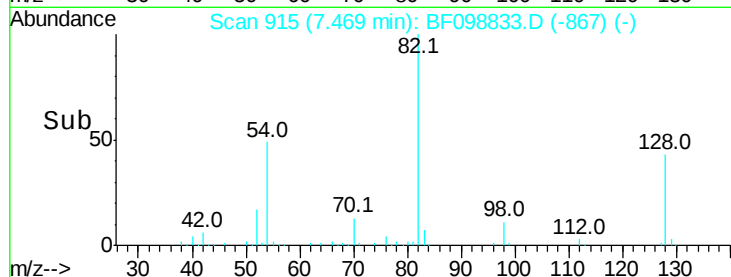
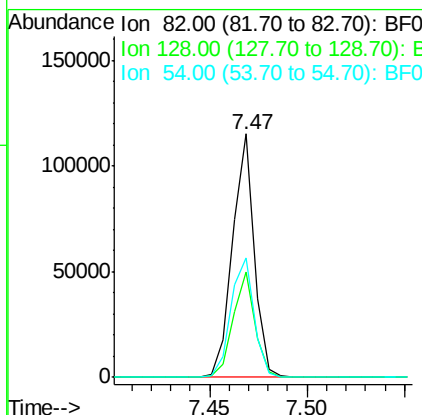
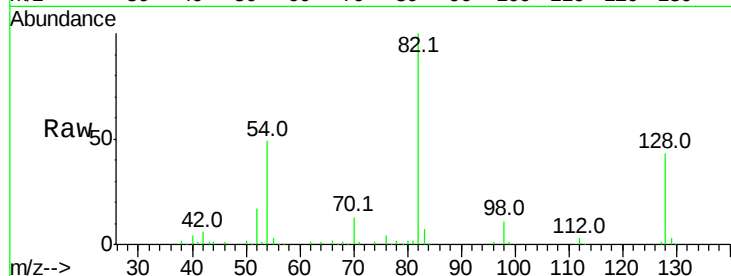
ClientSampleId :

SP-3-B-COMP

Tot Ion:	82	Resp:	88976
Ion Ratio	Lower	Upper	
82	100		
128	43.4	36.1	54.1
54	49.1	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

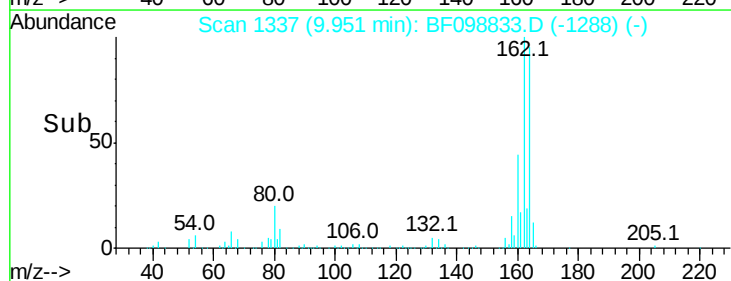
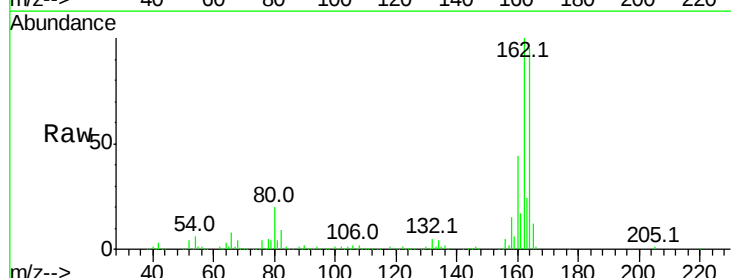
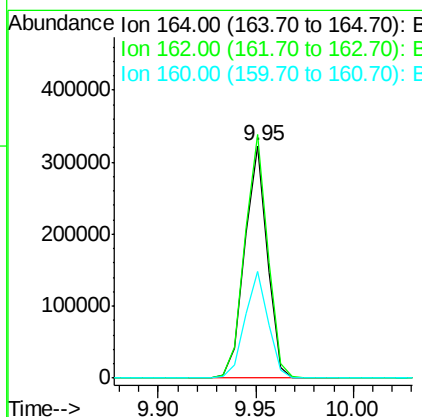
RT: 9.95 min Scan# 1337

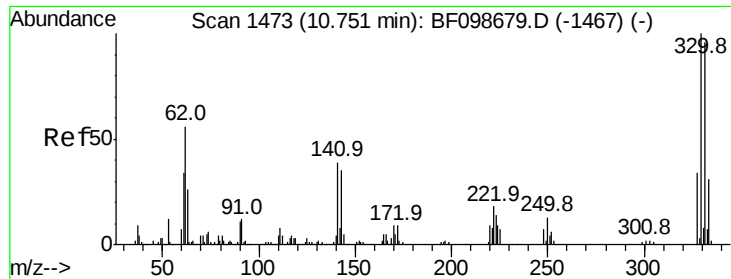
Delta R.T. -0.01 min

Lab File: BF098833.D

Acq: 26 Sep 2017 15:40

Tgt Ion:	164	Resp:	258578
Ion Ratio	Lower	Upper	
164	100		
162	104.8	86.1	129.1
160	46.0	38.3	57.5





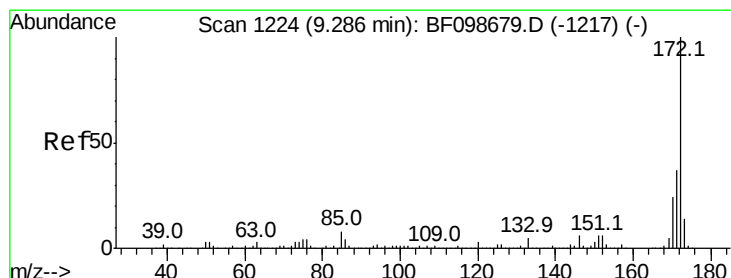
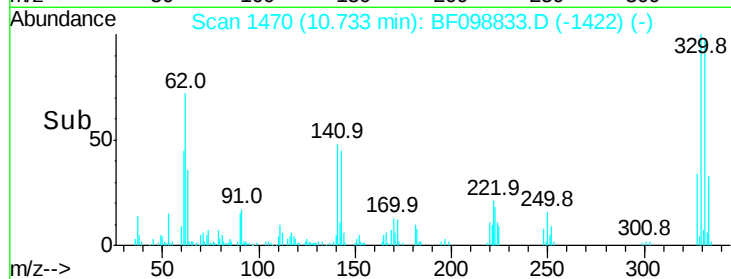
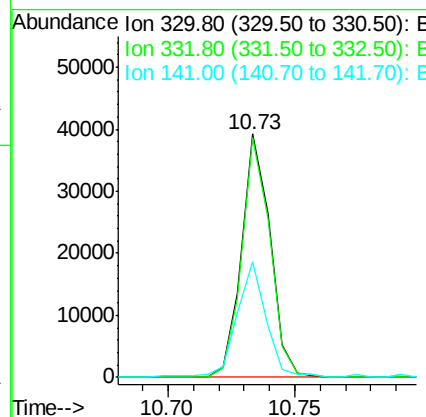
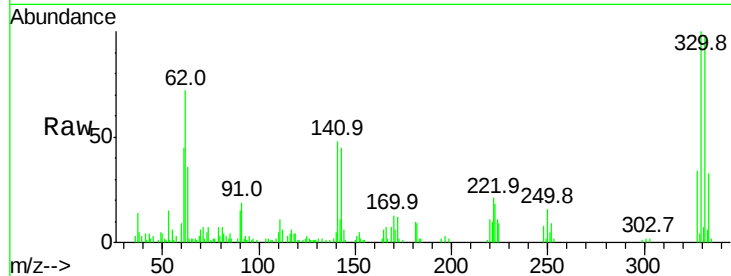
#41
 2,4,6-Tribromophenol
 Concen: 14.558 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF098833.D
 Acq: 26 Sep 2017 15:40

Instrument :
 BNA_F
 ClientSampleId :
 SP-3-B-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	48.7	29.9	44.9#

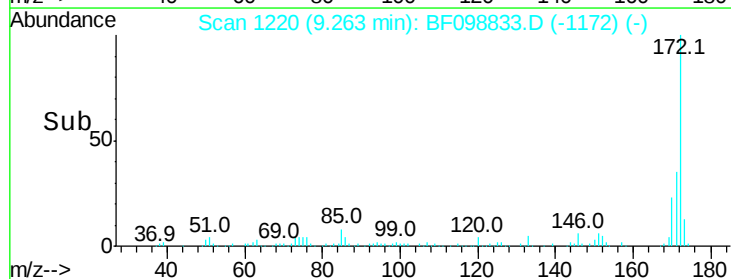
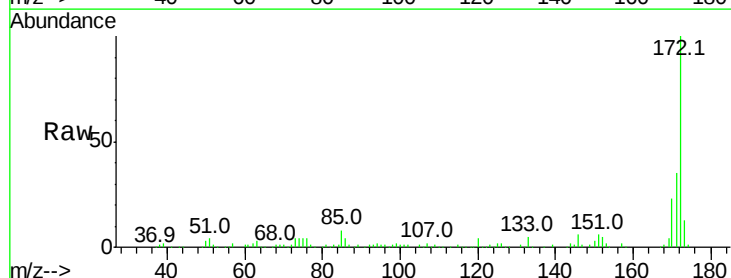
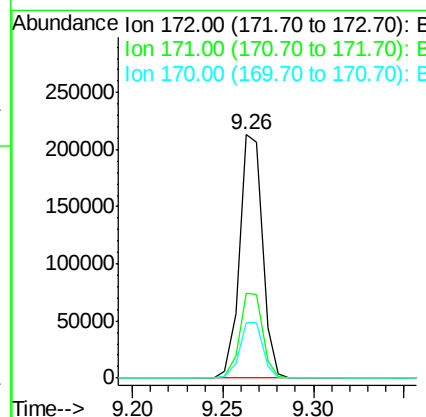
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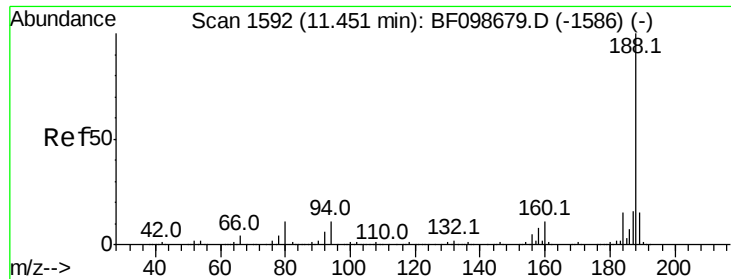
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#44
 2-Fluorobiphenyl
 Concen: 12.113 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF098833.D
 Acq: 26 Sep 2017 15:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.0	19.6	29.4





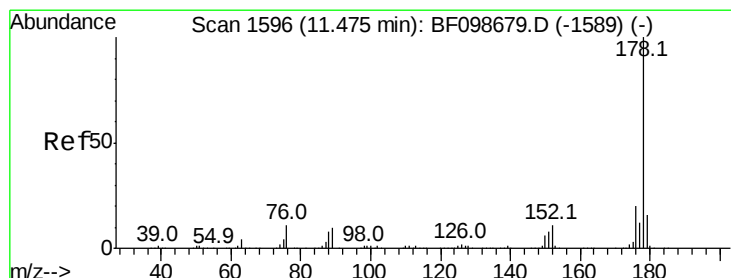
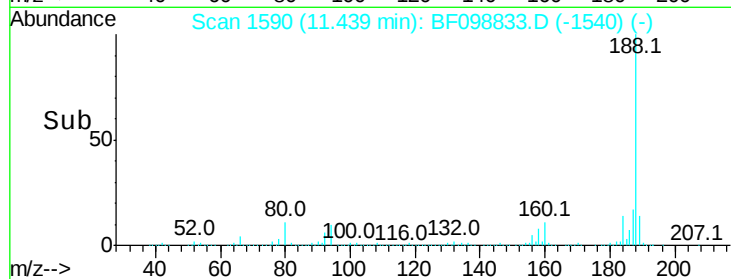
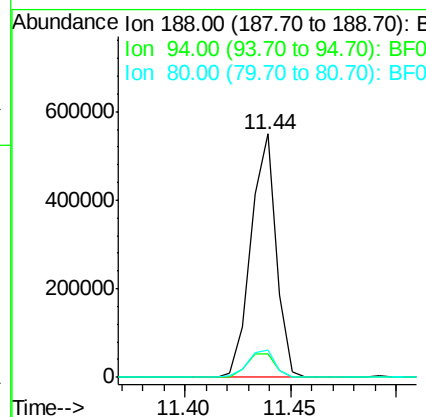
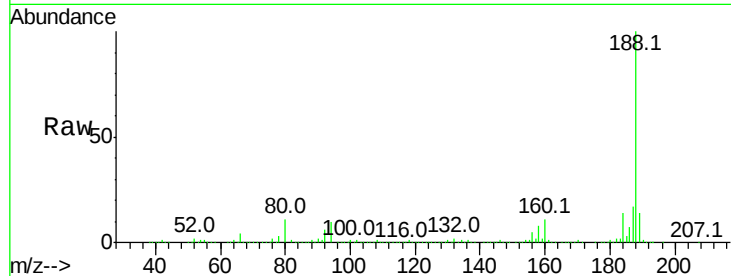
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098833.D
Acq: 26 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
SP-3-B-COMP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.9	8.5	12.7
80	11.0	9.2	13.8

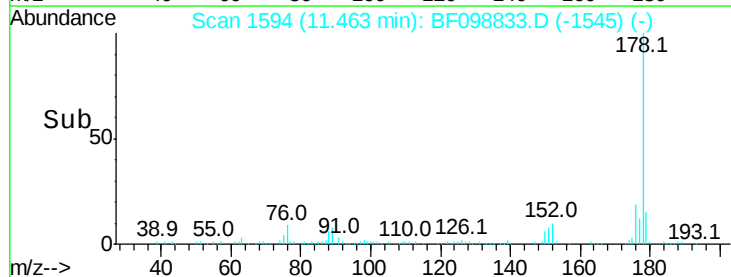
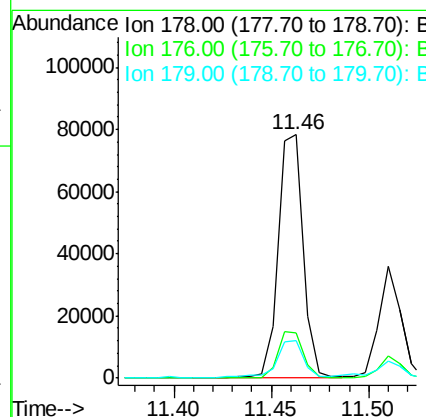
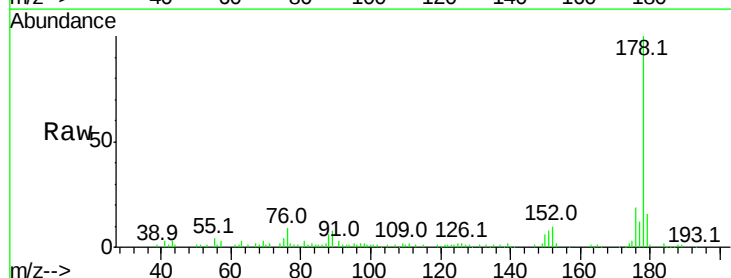
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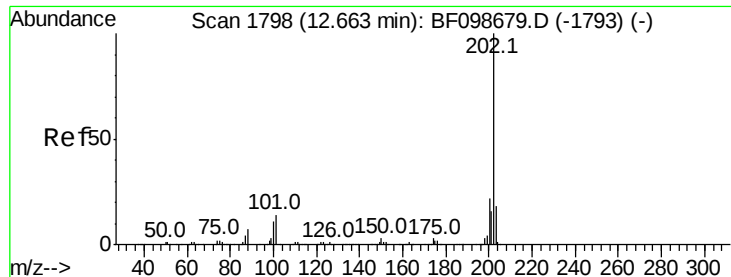
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#70
Phenanthrene
Concen: 2.840 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098833.D
Acq: 26 Sep 2017 15:40

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.5	13.0	19.6





#74

Fluoranthene

Concen: 5.124 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF098833.D

Acq: 26 Sep 2017 15:40

Instrument :

BNA_F

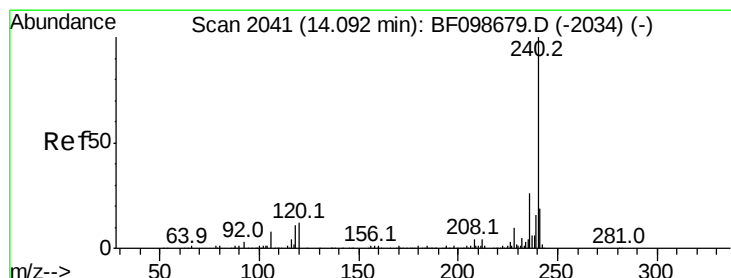
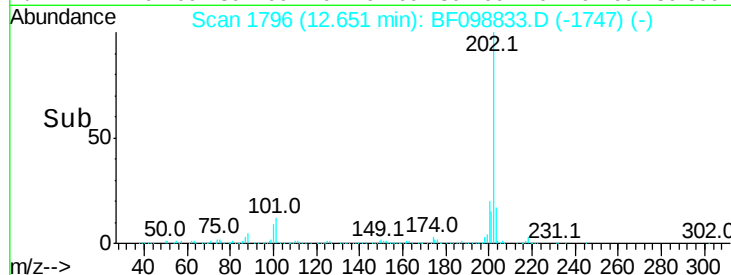
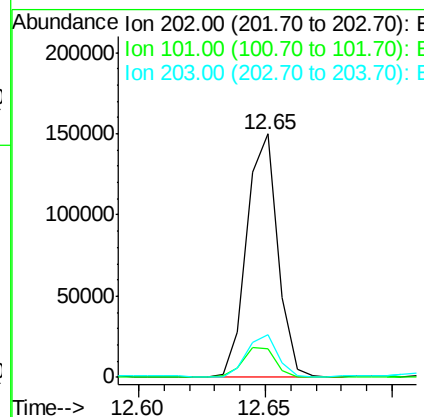
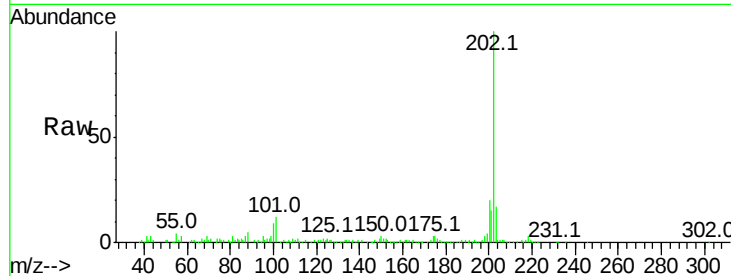
ClientSampleId :

SP-3-B-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		126620		
101	11.6	0.0	34.1		
203	17.3	0.0	38.1		

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#75

Chrysene-d12

Concen: 20.000 ng

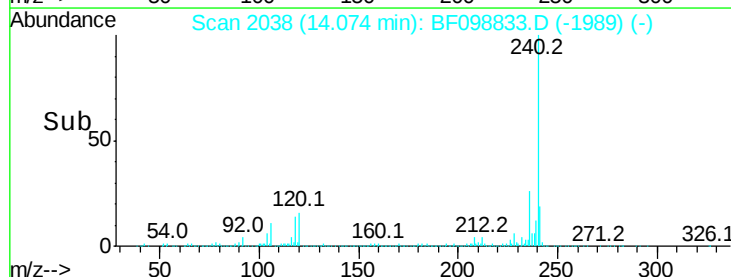
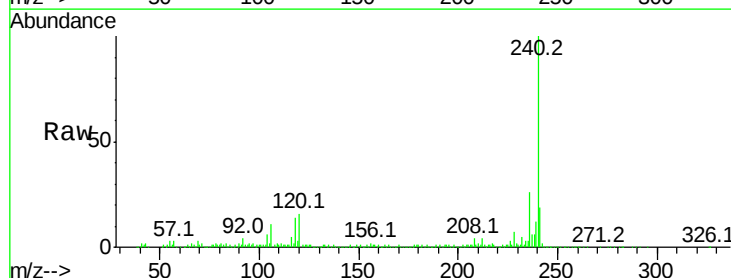
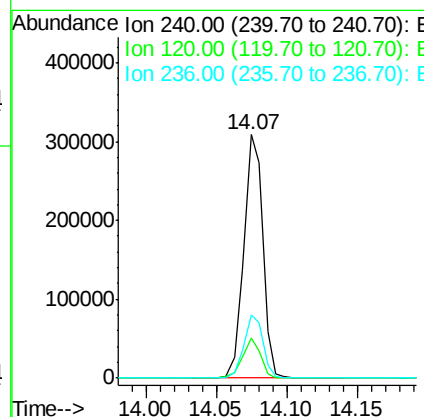
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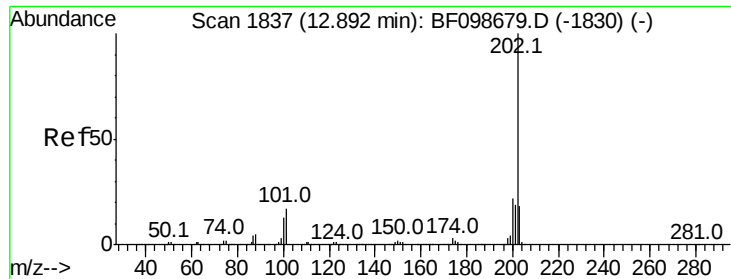
Delta R.T. -0.01 min

Lab File: BF098833.D

Acq: 26 Sep 2017 15:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		289968		
120	16.3	9.5	14.3#		
236	26.1	20.7	31.1		





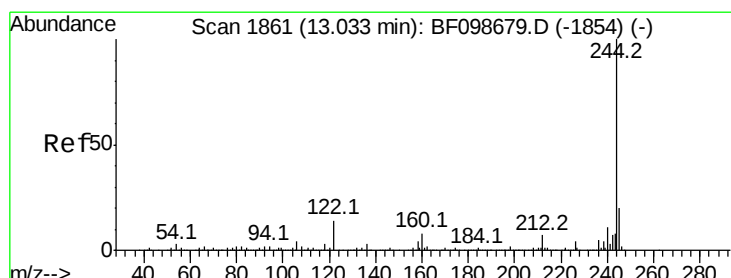
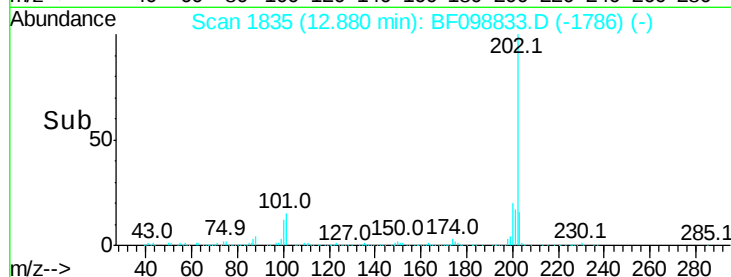
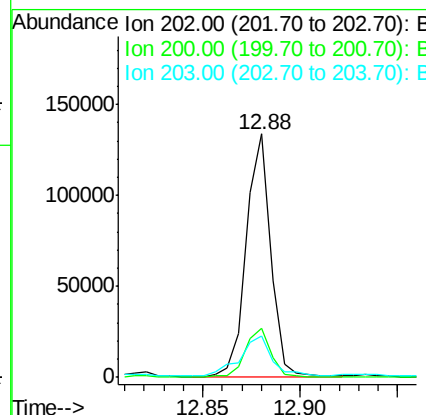
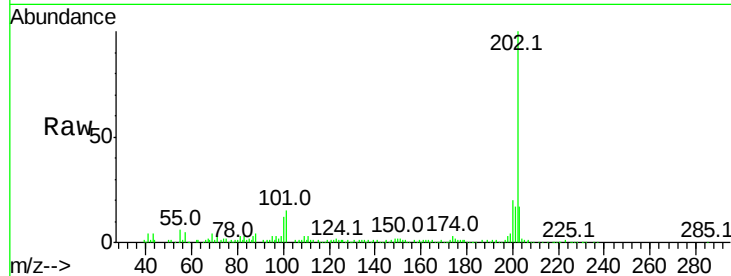
#77
Pvrene
Concen: 5.221 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF098833.D
Acq: 26 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
SP-3-B-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.4	17.4	26.2
203	16.9	14.3	21.5

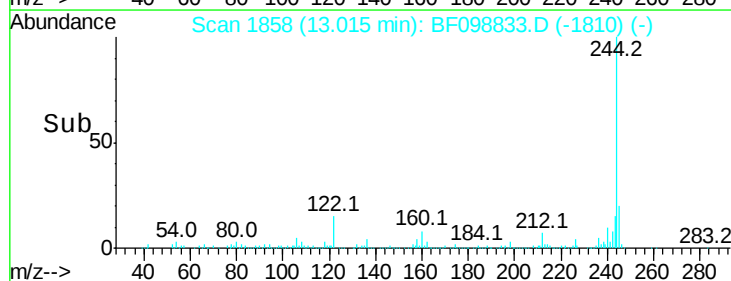
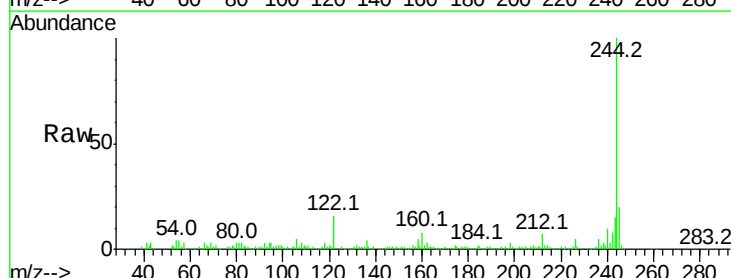
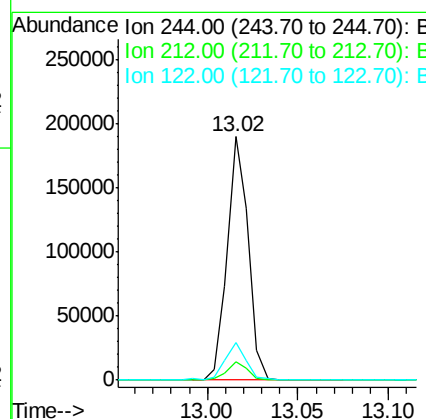
Manual Integrations
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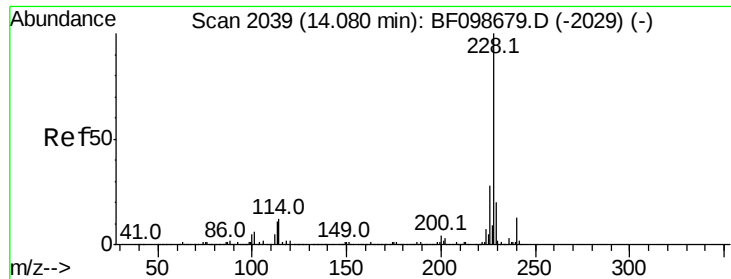
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#78
Terphenyl-d14
Concen: 11.987 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BF098833.D
Acq: 26 Sep 2017 15:40

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.4	8.0
122	15.5	11.0	16.4





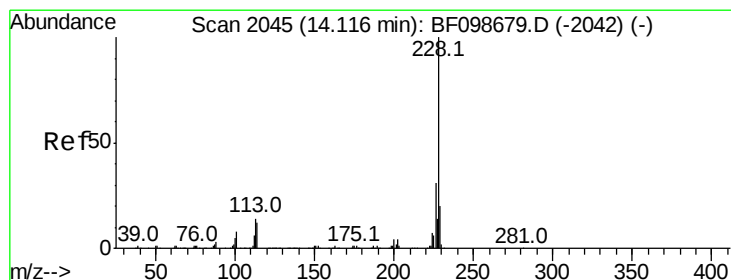
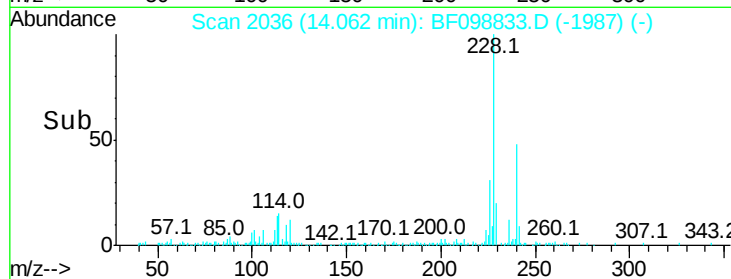
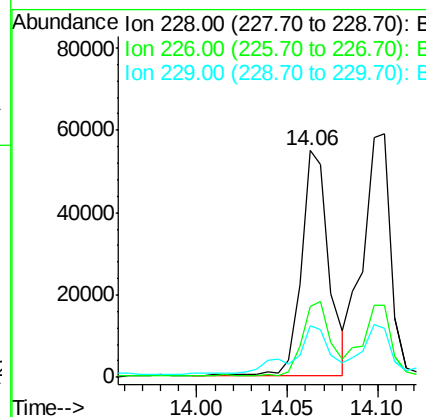
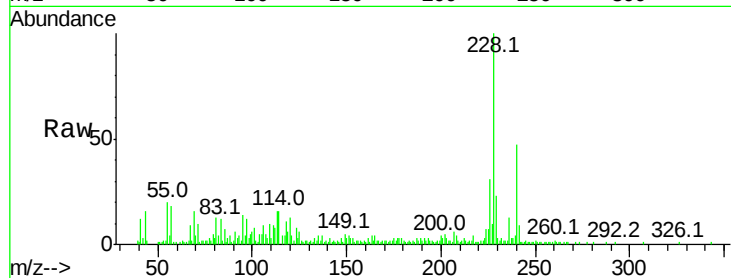
#80
Benzo(a)anthracene
Concen: 3.344 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF098833.D
Acq: 26 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
SP-3-B-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	22.7	15.8	23.6

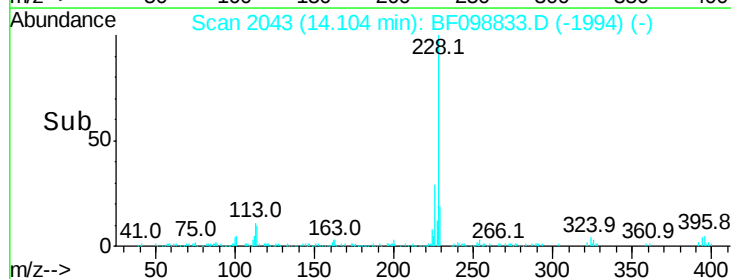
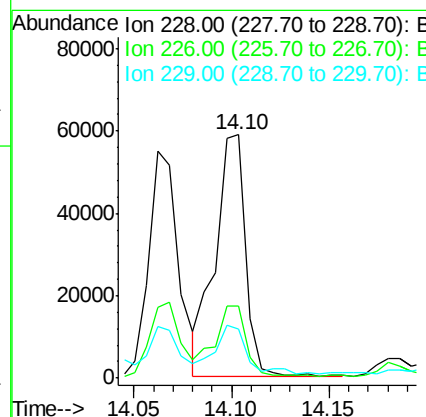
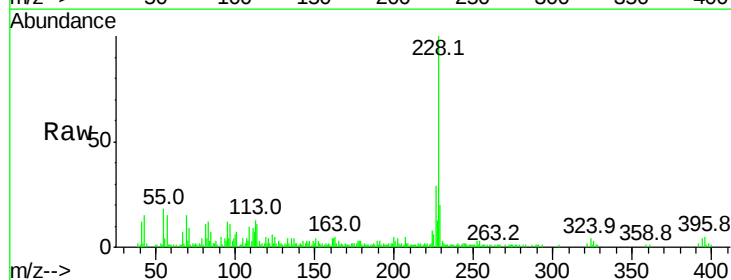
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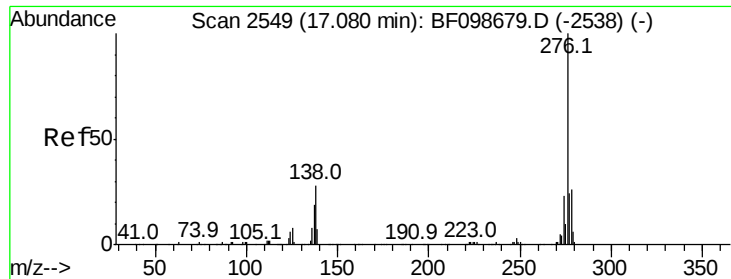
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#82
Chrysene
Concen: 3.809 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF098833.D
Acq: 26 Sep 2017 15:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	20.2	16.2	24.4





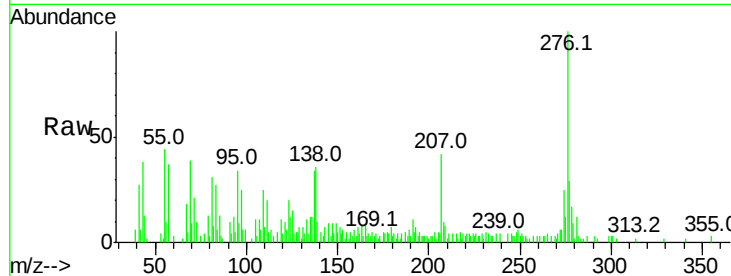
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.100 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.02 min
Lab File: BF098833.D
Acq: 26 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
SP-3-B-COMP

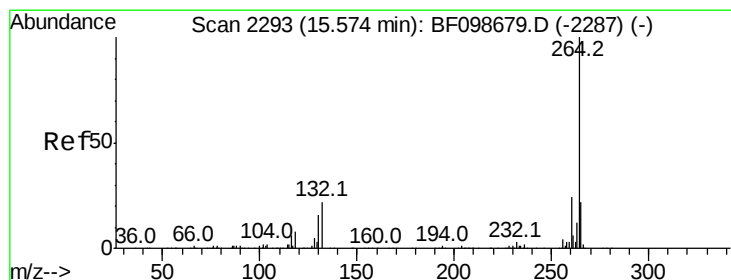
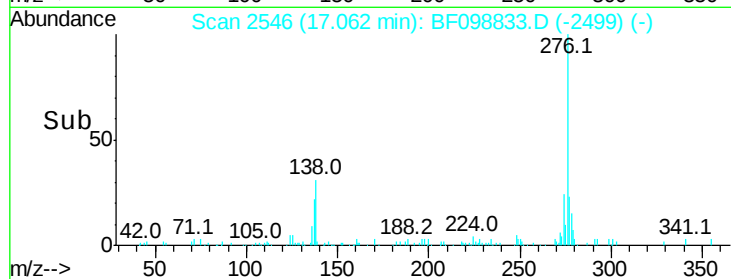
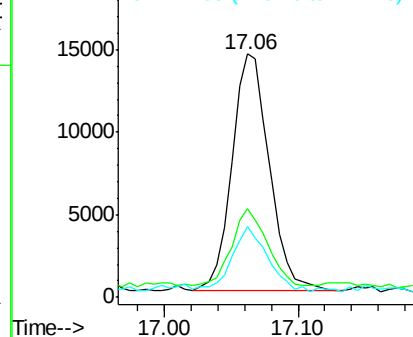
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.8	25.0	37.6
277	26.1	20.1	30.1

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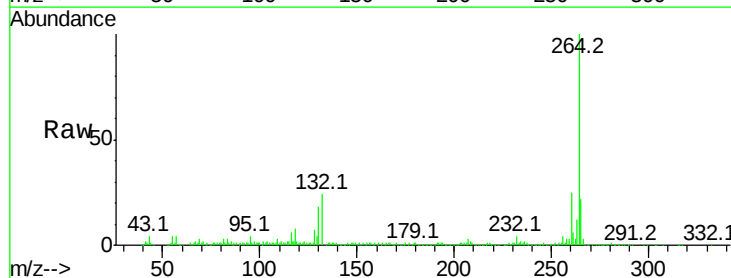


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

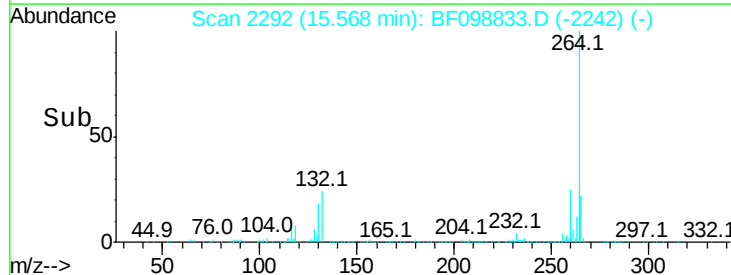
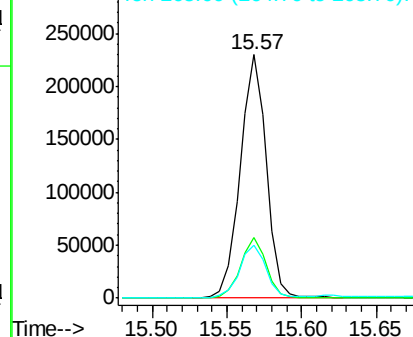


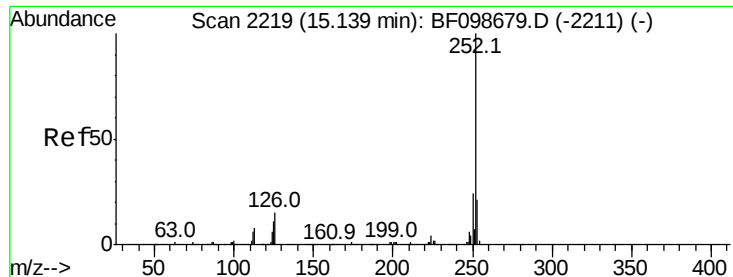
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098833.D
Acq: 26 Sep 2017 15:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.8	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





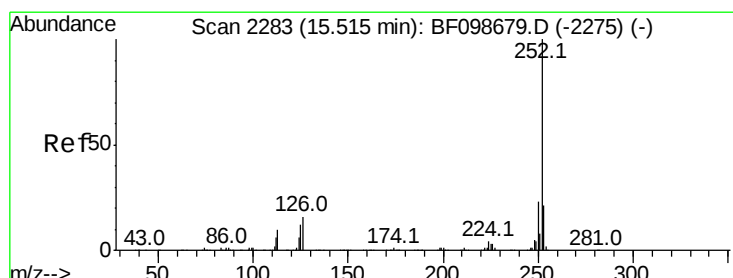
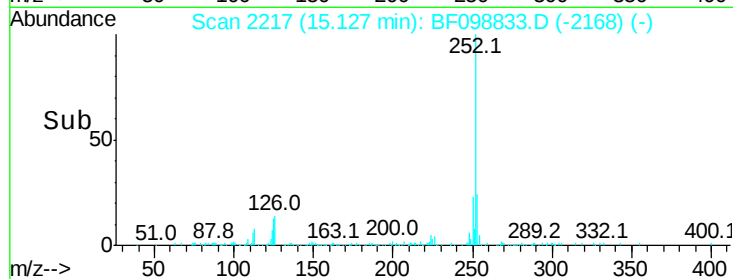
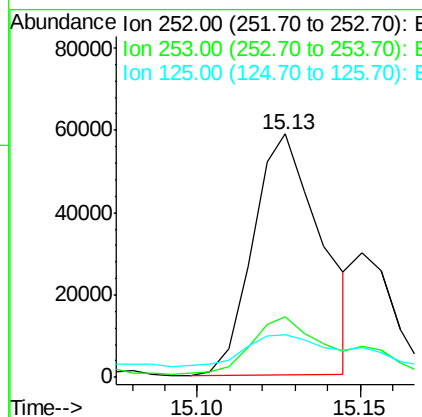
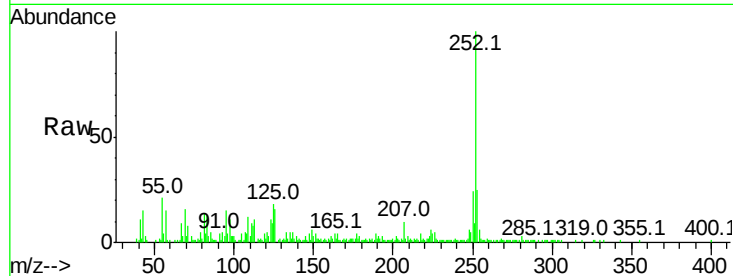
#87
Benzo(b)fluoranthene
Concen: 5.006 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098833.D
Acq: 26 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
SP-3-B-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.0	25.6
125	17.6	9.0	13.6

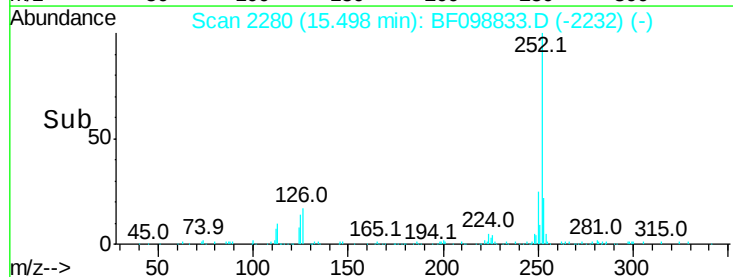
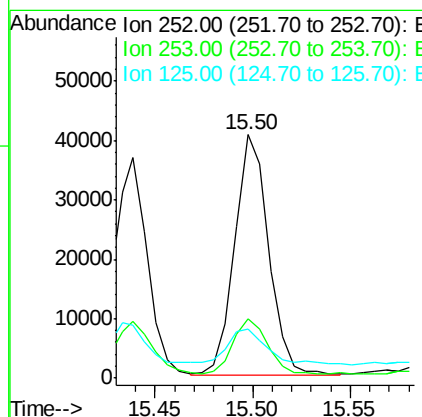
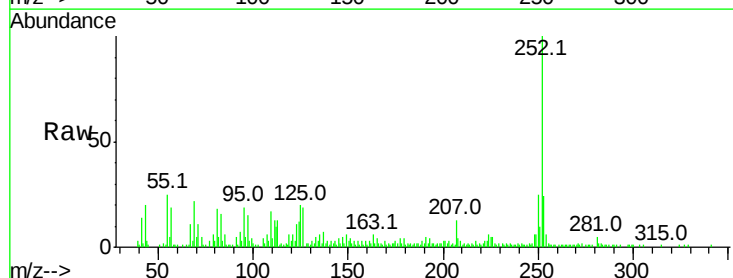
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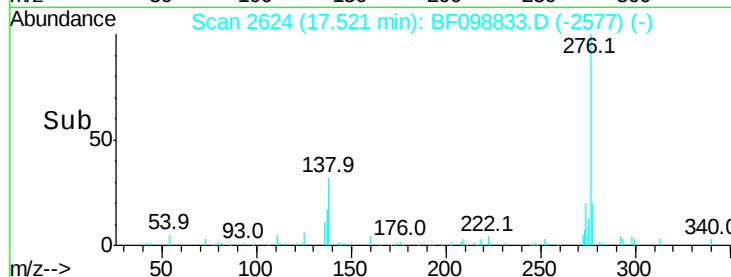
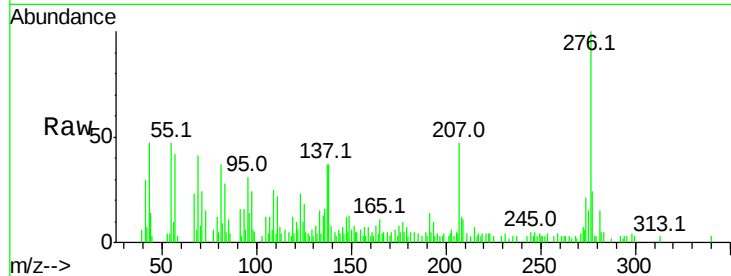
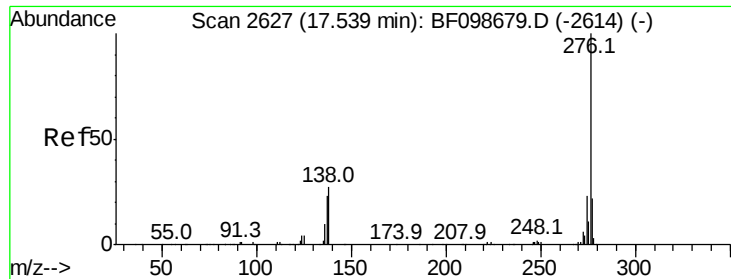
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#89
Benzo(a)pyrene
Concen: 3.073 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF098833.D
Acq: 26 Sep 2017 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	20.3	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 2.222 ng

RT: 17.52 min Scan# 2624

Delta R.T. -0.02 min

Lab File: BF098833.D

Acq: 26 Sep 2017 15:40

Instrument :

BNA_F

ClientSampleId :

SP-3-B-COMP

Tot Ion: 276 Resp: 27900

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 37.4 21.8 32.8#

Manual Integrations

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