

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098835.D
 Acq On : 26 Sep 2017 16:35
 Operator : SJ/JU
 Sample : I5363-07 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 9/27/2017 12:44:53 PM

Quant Time: Sep 27 01:51:41 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	132722	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	552693	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	253030	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	434717	20.00	ng	0.00
75) Chrysene-d12	14.07	240	303436	20.00	ng	-0.01
86) Perylene-d12	15.57	264	293514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	101227	12.14	ng	-0.02
7) Phenol-d6	6.53	99	123073	11.97	ng	-0.02
23) Nitrobenzene-d5	7.47	82	68514	7.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	21920	10.59	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	146008	9.63	ng	-0.02
78) Terphenyl-d14	13.02	244	117876	8.83	ng	-0.02
Target Compounds						Qvalue
70) Phenanthrene	11.46	178	69407	2.983	ng	98
74) Fluoranthene	12.65	202	107272	4.553	ng	96
77) Pyrene	12.88	202	91420	3.951	ng	99
80) Benzo(a)anthracene	14.06	228	51568	2.807	ng	96
82) Chrysene	14.10	228	52194	2.984	ng	97
87) Benzo(b)fluoranthene	15.13	252	72585m	4.022	ng	
89) Benzo(a)pyrene	15.50	252	39782	2.402	ng	# 91

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

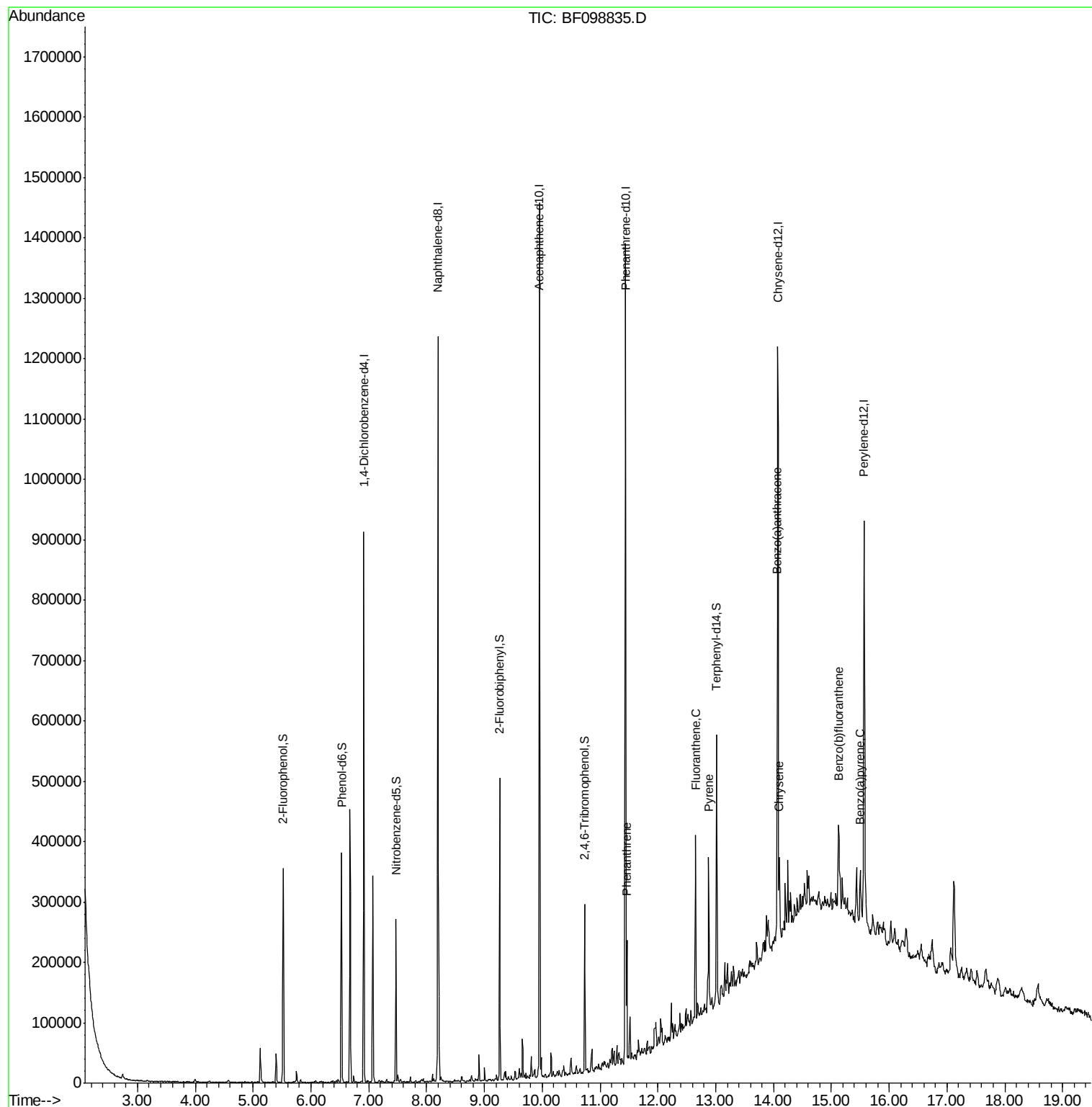
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
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#1

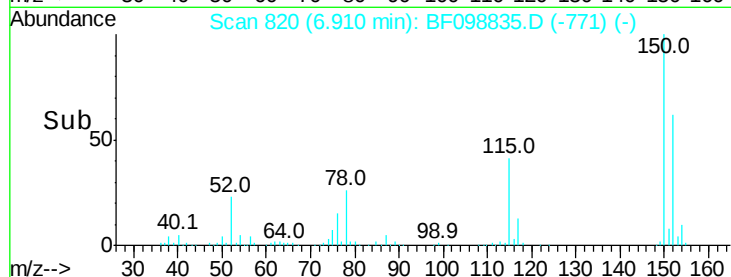
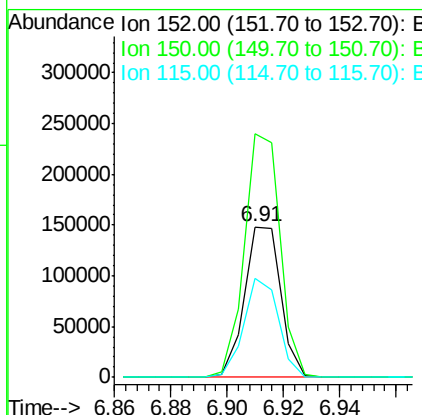
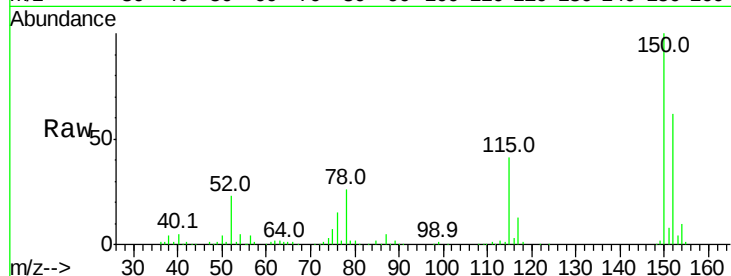
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.6	186.8
115	65.5	50.1	75.1

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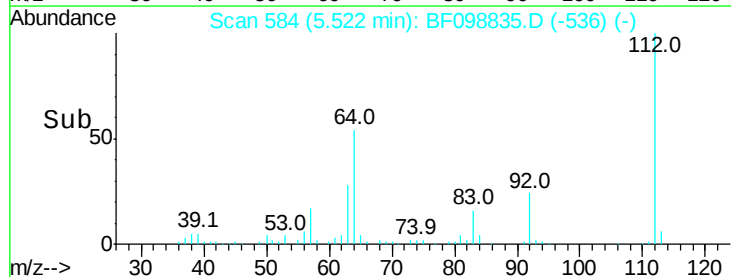
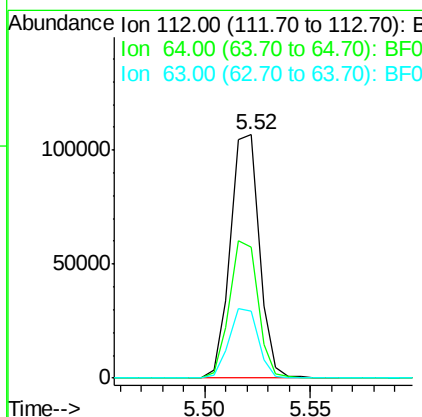
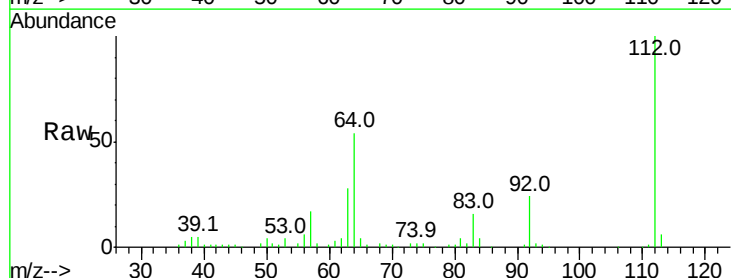
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#5

2-Fluorophenol
Concen: 12.141 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.9	71.9
63	27.5	23.7	35.5





#7

Phenol-d6

Concen: 11.966 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098835.D

Acq: 26 Sep 2017 16:35

Instrument :

BNA_F

ClientSampleId :

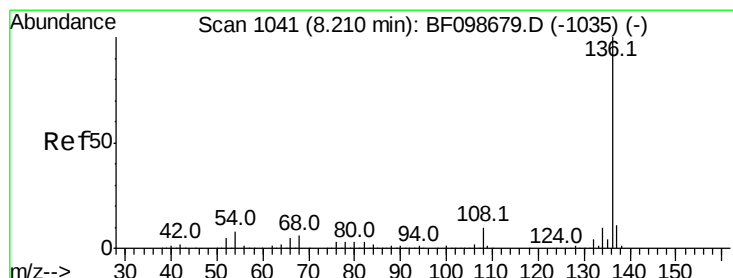
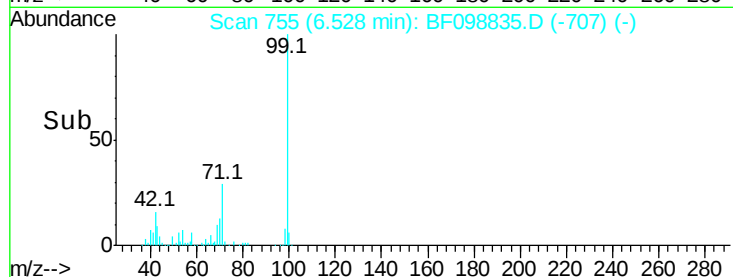
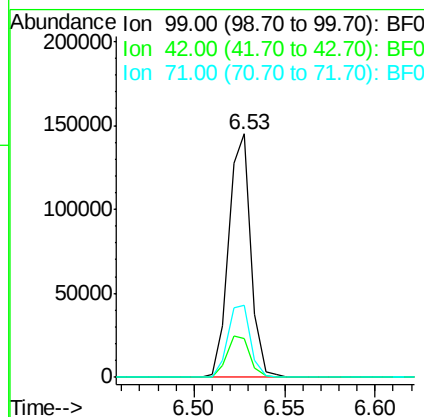
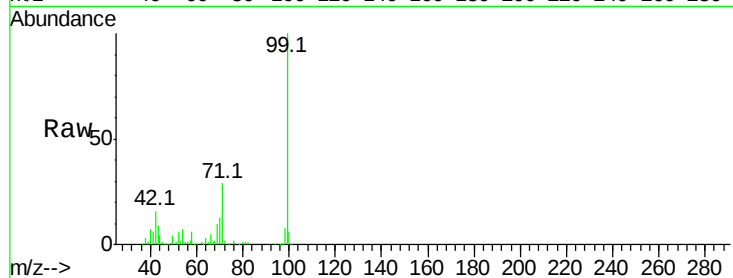
SP-3-D-COMP

Tot Ion:	99	Resp:	123073
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.5	21.7
71	29.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

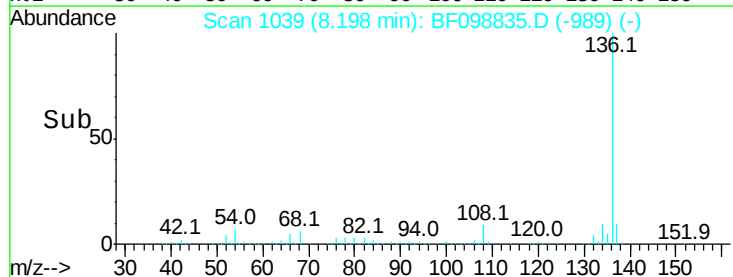
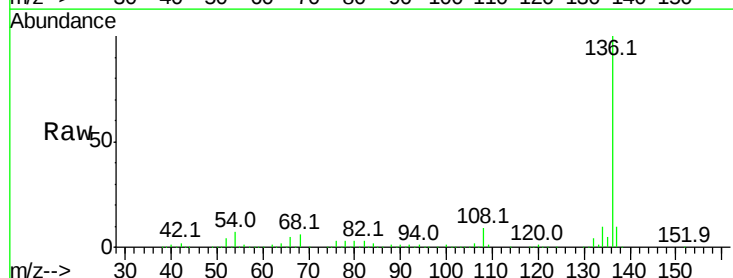
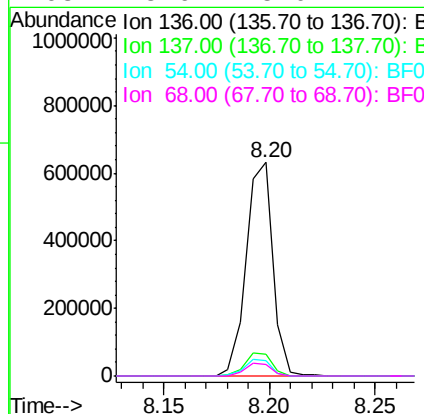
RT: 8.20 min Scan# 1039

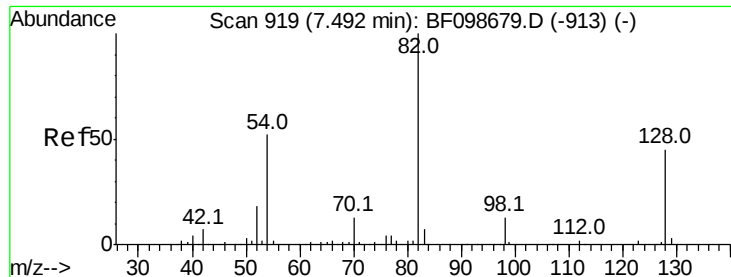
Delta R.T. -0.01 min

Lab File: BF098835.D

Acq: 26 Sep 2017 16:35

Tgt Ion:	136	Resp:	552693
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.9	13.3
54	7.2	6.6	9.8
68	5.6	5.0	7.4





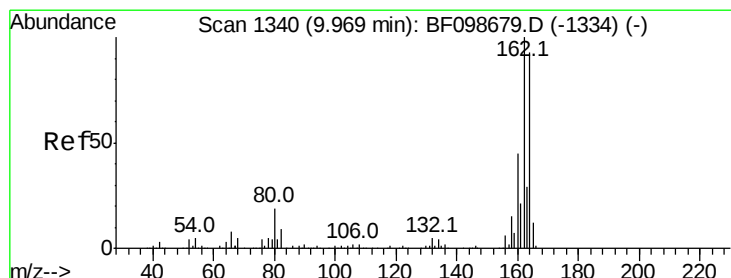
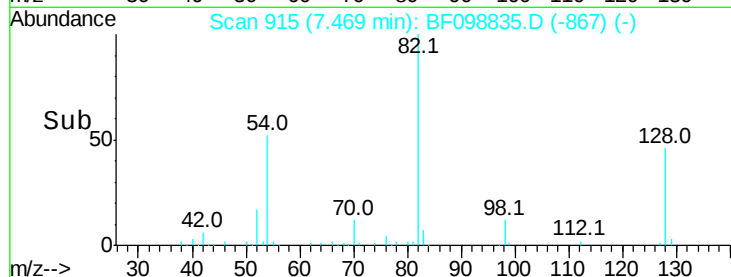
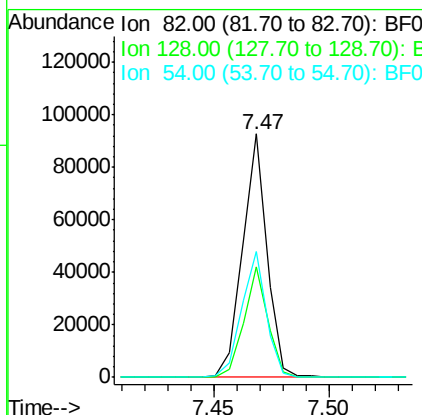
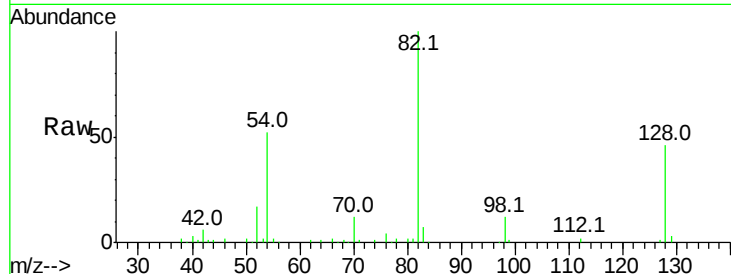
#23
 Nitrobenzene-d5
 Concen: 7.950 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF098835.D
 Acq: 26 Sep 2017 16:35

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

Tot Ion	82	Resp	68514
Ion Ratio	100	Lower	Upper
128	45.6	36.1	54.1
54	51.7	41.4	62.2

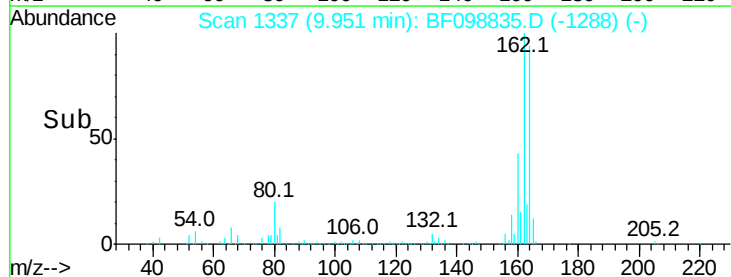
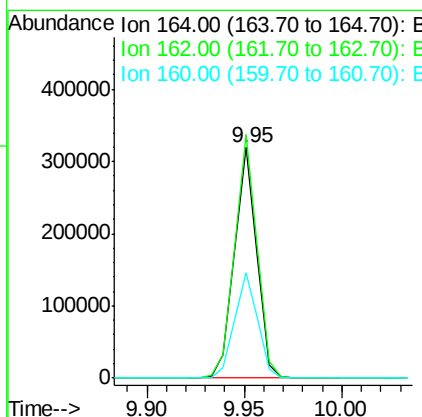
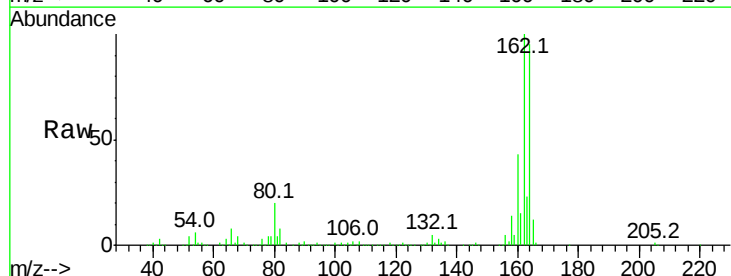
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098835.D
 Acq: 26 Sep 2017 16:35

Tgt Ion	164	Resp	253030
Ion Ratio	100	Lower	Upper
162	105.6	86.1	129.1
160	45.6	38.3	57.5





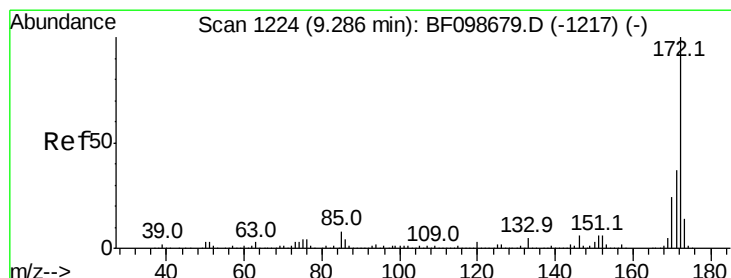
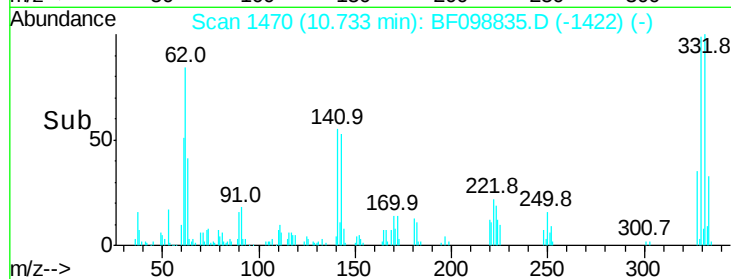
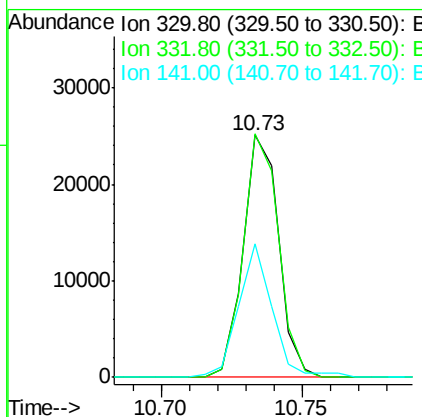
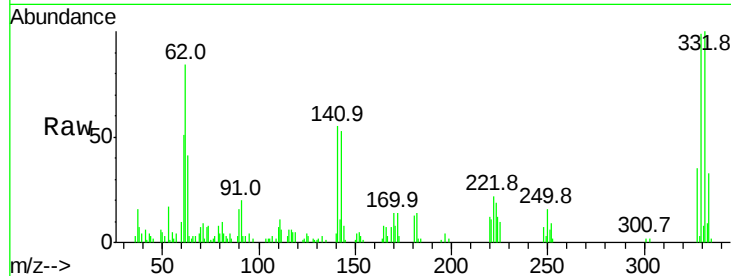
#41
 2,4,6-Tribromophenol
 Concen: 10.587 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF098835.D
 Acq: 26 Sep 2017 16:35

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	21920		
332	99.7	77.0	115.6	
141	52.3	29.9	44.9#	

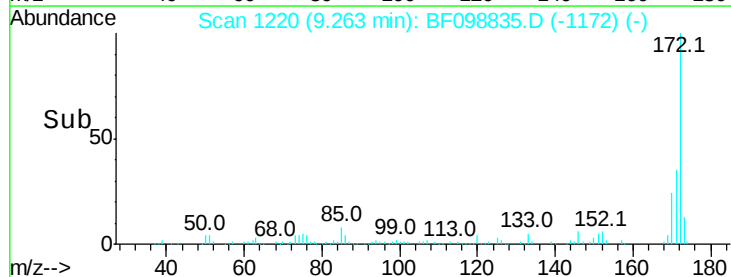
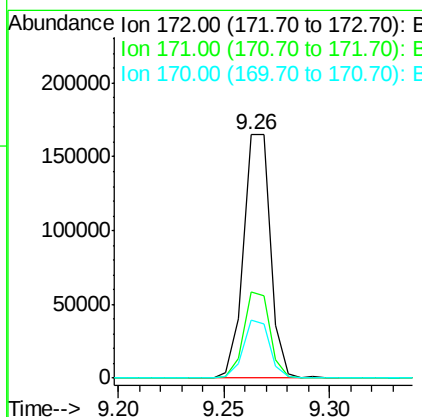
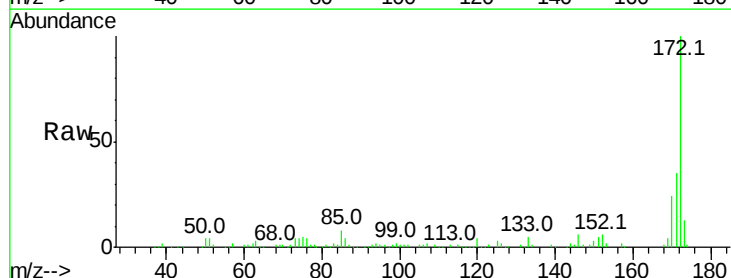
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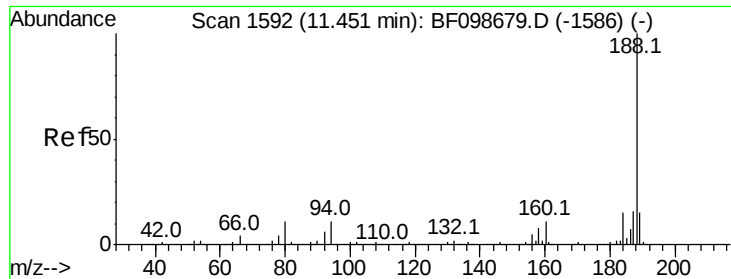
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#44
 2-Fluorobiphenyl
 Concen: 9.633 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF098835.D
 Acq: 26 Sep 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	146008		
171	35.3	29.7	44.5	
170	23.8	19.6	29.4	





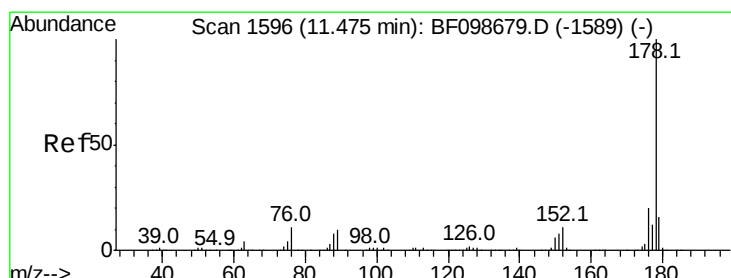
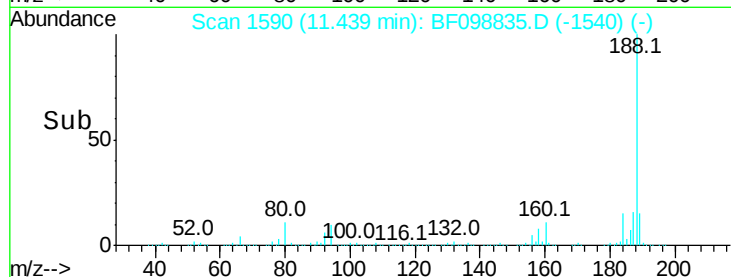
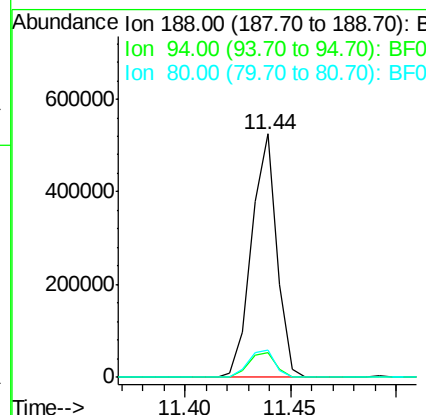
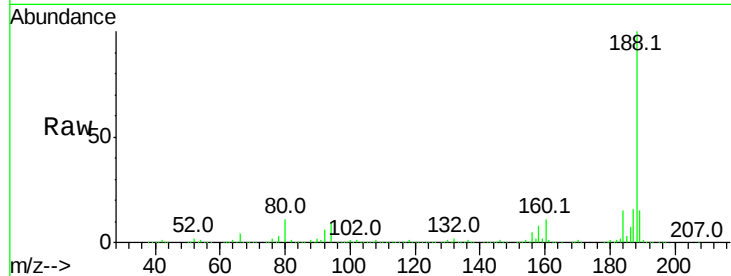
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098835.D
 Acq: 26 Sep 2017 16:35

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	434717		
94	10.2		8.5	12.7
80	11.2		9.2	13.8

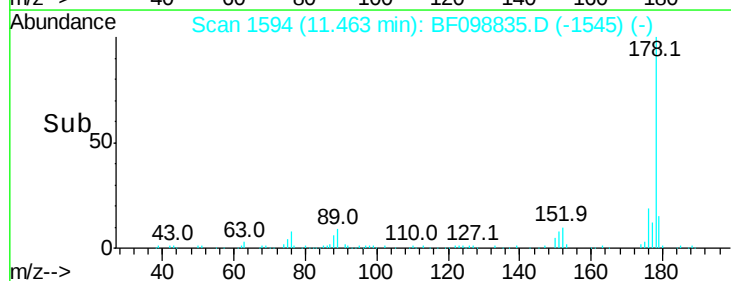
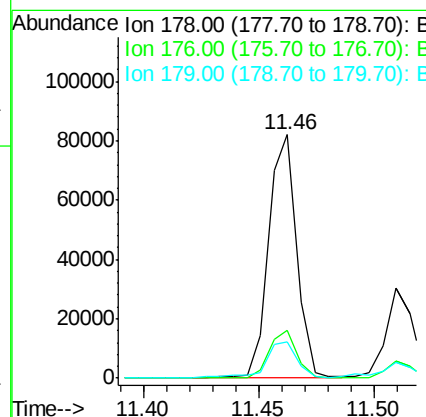
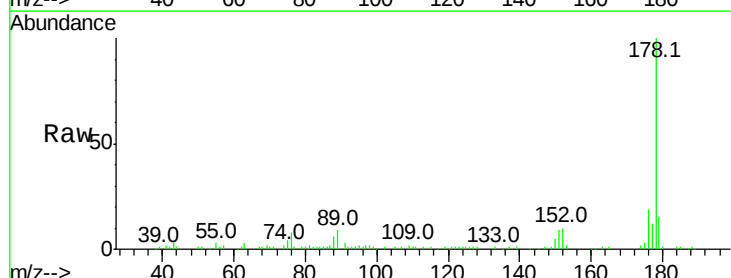
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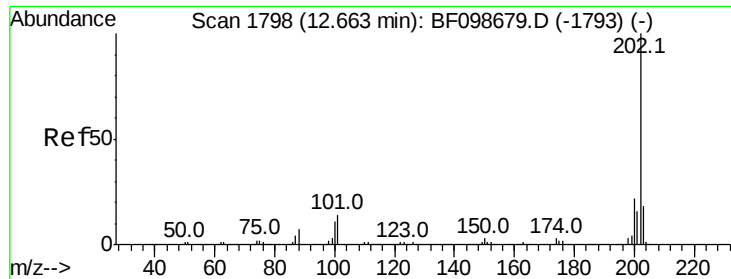
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#70
 Phenanthrene
 Concen: 2.983 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF098835.D
 Acq: 26 Sep 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	69407		
176	19.4		15.8	23.8
179	14.9		13.0	19.6





#74

Fluoranthene

Concen: 4.553 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF098835.D

Acq: 26 Sep 2017 16:35

Instrument :

BNA_F

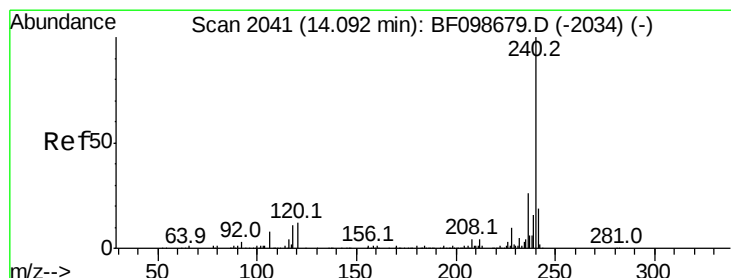
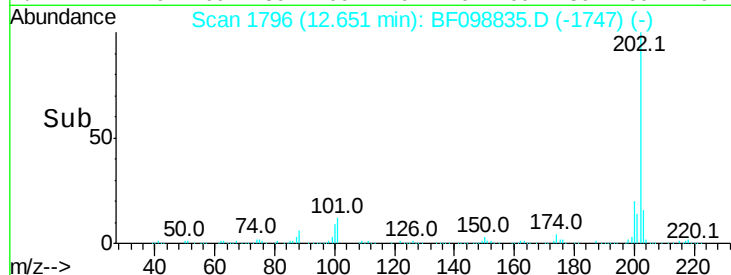
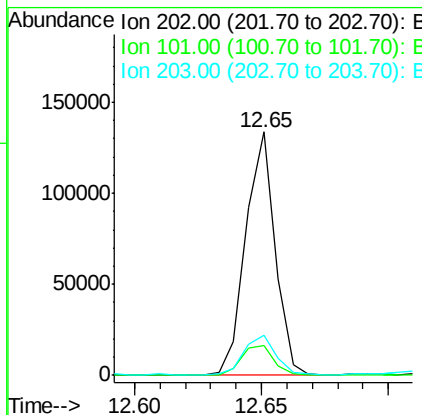
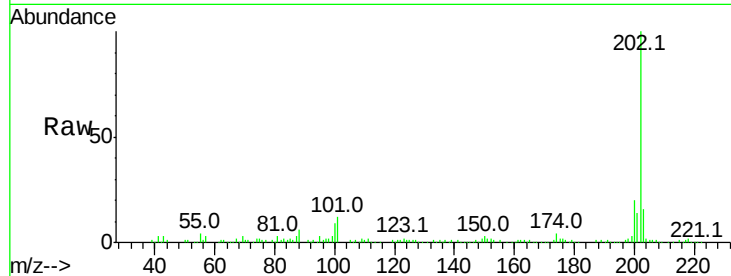
ClientSampleId :

SP-3-D-COMP

Tot Ion	Ratio	Resp	Lower	Upper
202	100	107272		
101	12.1	0.0	34.1	
203	16.5	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

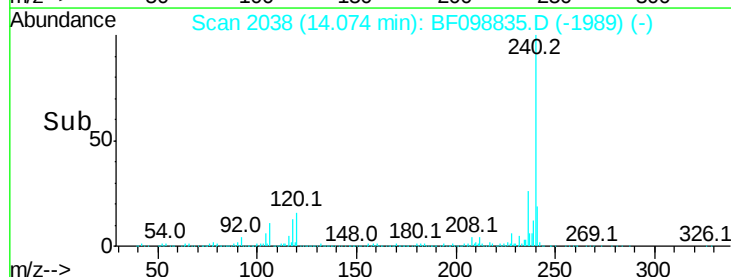
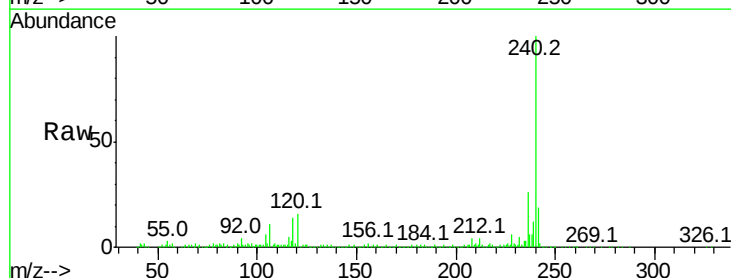
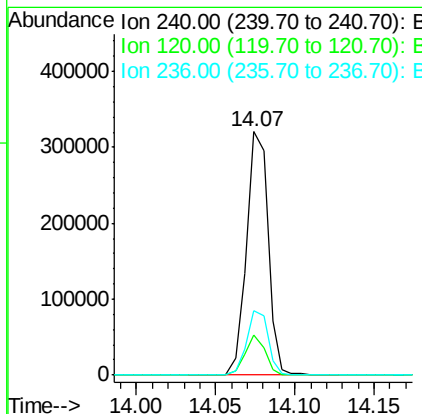
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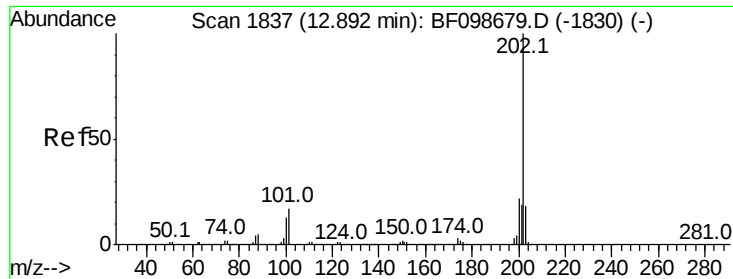
Delta R.T. -0.01 min

Lab File: BF098835.D

Acq: 26 Sep 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	303436		
120	16.3	9.5	14.3#	
236	26.4	20.7	31.1	





#77

Pvrene

Concen: 3.951 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF098835.D

Acq: 26 Sep 2017 16:35

Instrument :

BNA_F

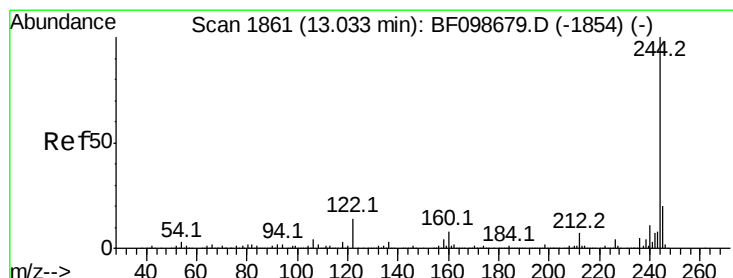
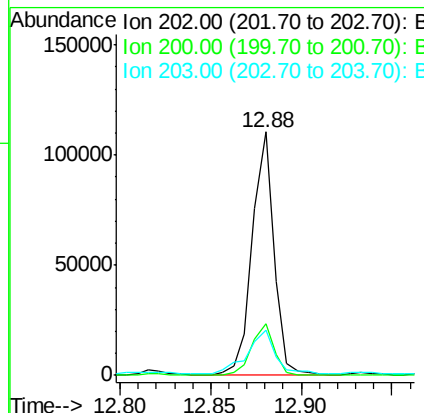
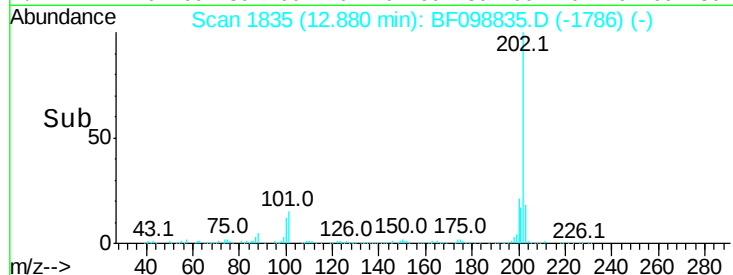
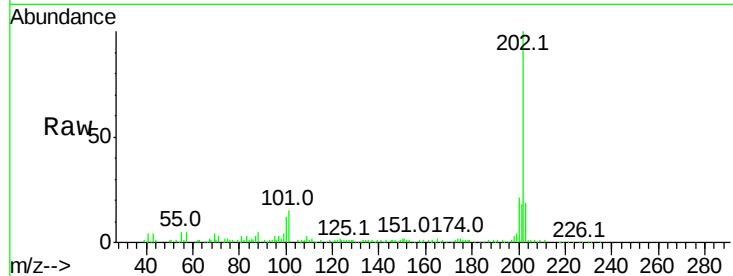
ClientSampleId :

SP-3-D-COMP

Tot Ion:	202	Resp:	91420
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	18.5	14.3	21.5

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#78

Terphenyl-d14

Concen: 8.835 ng

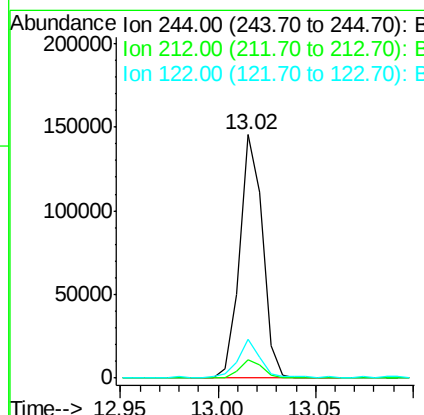
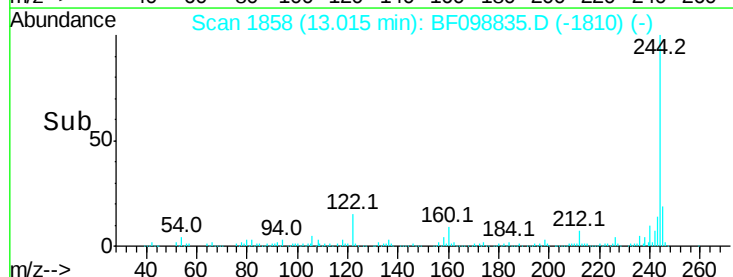
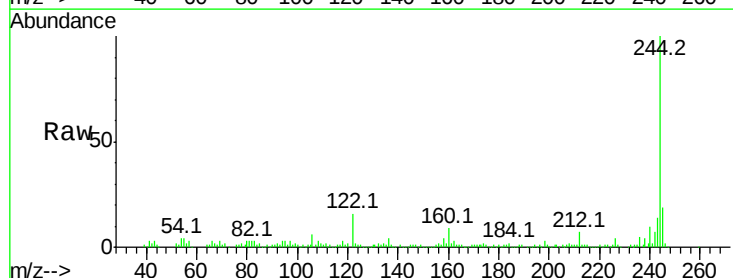
RT: 13.02 min Scan# 1858

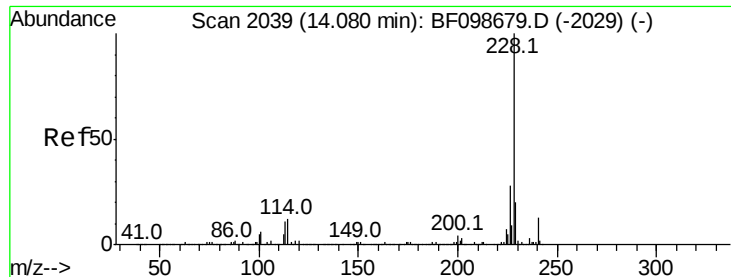
Delta R.T. -0.02 min

Lab File: BF098835.D

Acq: 26 Sep 2017 16:35

Tgt Ion:	244	Resp:	117876
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.0
122	15.9	11.0	16.4





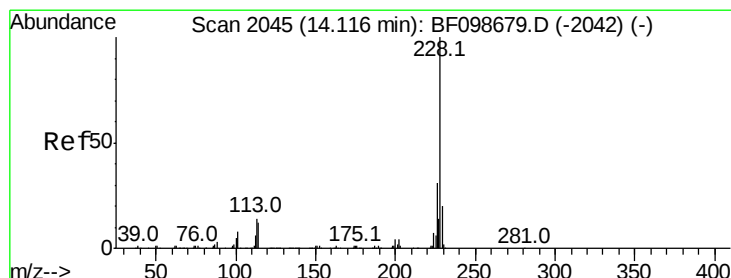
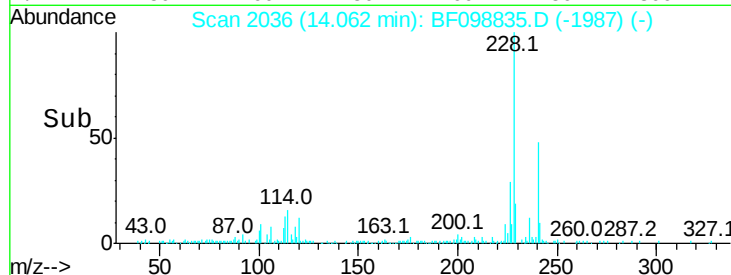
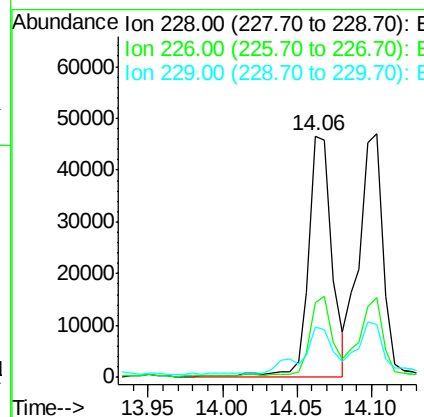
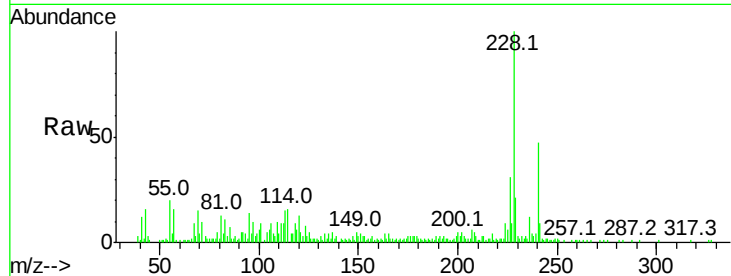
#80
Benzo(a)anthracene
Concen: 2.807 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	20.8	15.8	23.6

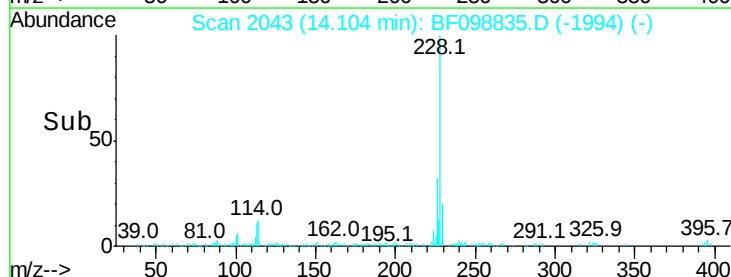
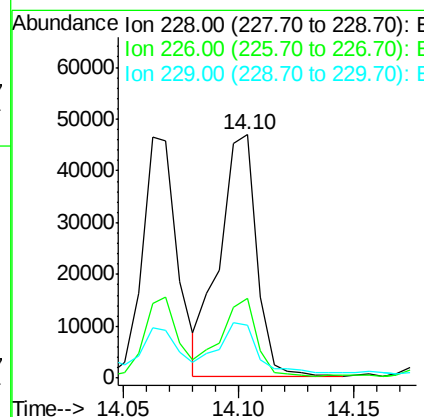
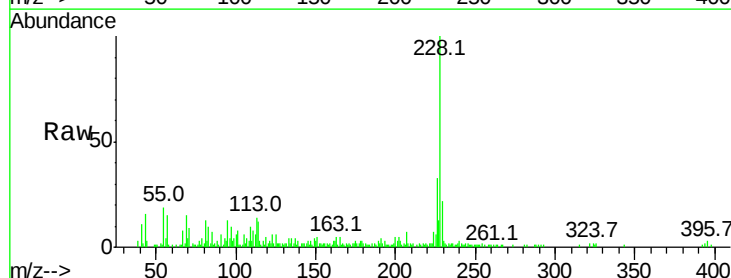
Manual Integrations
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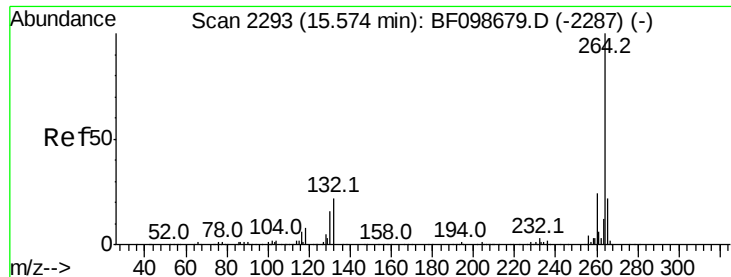
Sohil
9/27/2017 12:44:53 PM



#82
Chrysene
Concen: 2.984 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.0	37.6
229	21.6	16.2	24.4





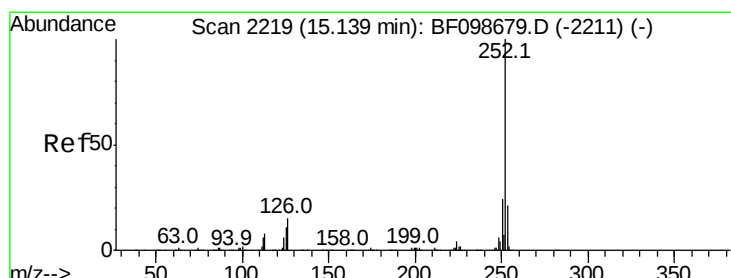
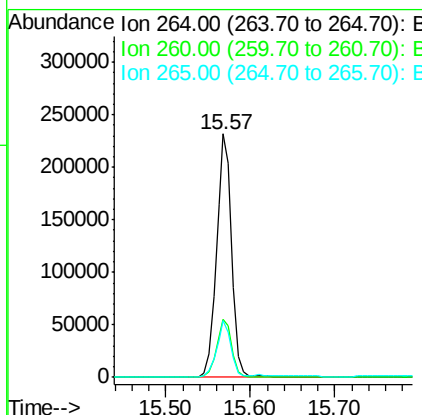
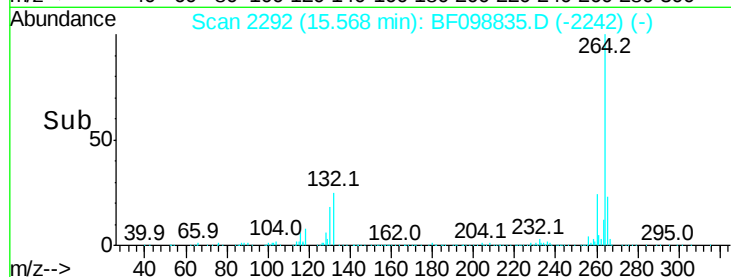
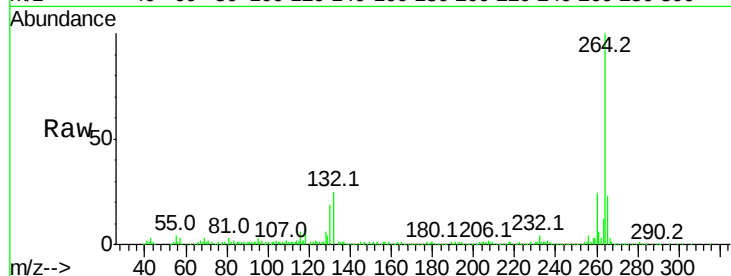
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	23.1	17.5	26.3

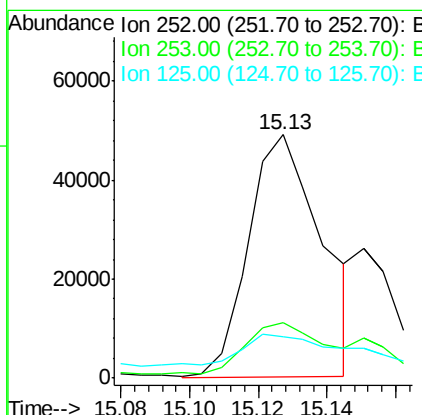
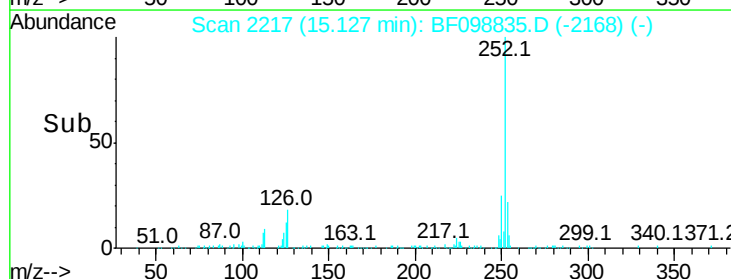
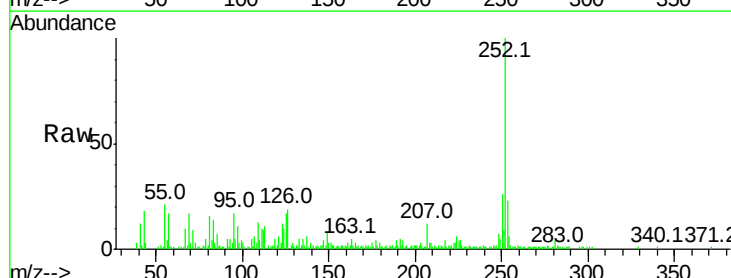
Manual Integrations
APPROVED

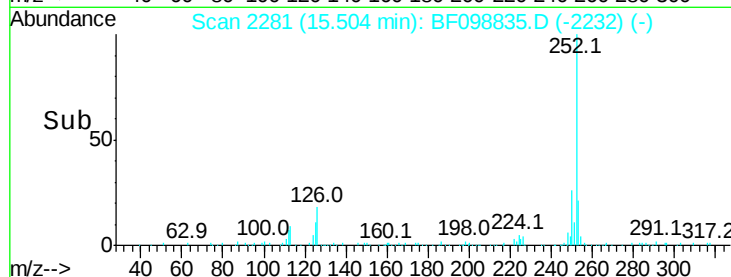
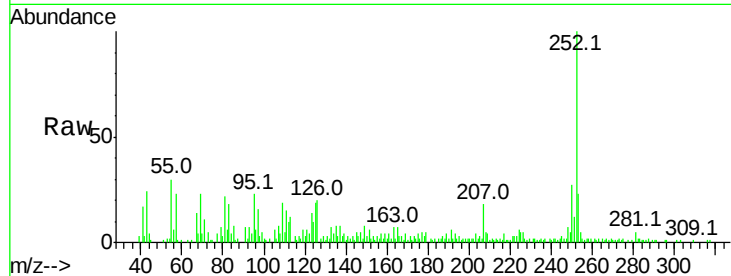
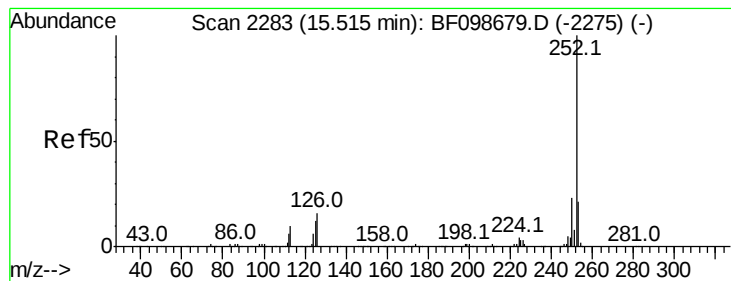
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#87
Benzo(b)fluoranthene
Concen: 4.022 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	17.2	9.0	13.6





#89
Benzo(a)pyrene
Concen: 2.402 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

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

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	17.1	25.7
125	19.1	9.8	14.6

Manual Integrations
APPROVED

Sohil
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