

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098831.D
 Acq On : 26 Sep 2017 14:44
 Operator : SJ/JU
 Sample : I5363-13 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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 9/27/2017 12:44:41 PM

Quant Time: Sep 27 01:36:55 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	151766	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	640369	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	291589	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	513600	20.00	ng	0.00
75) Chrysene-d12	14.07	240	329544	20.00	ng	-0.01
86) Perylene-d12	15.57	264	308506	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	88146	9.25	ng	-0.02
7) Phenol-d6	6.52	99	146318	12.44	ng	-0.02
23) Nitrobenzene-d5	7.47	82	76776	7.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	44386	18.60	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	219800	12.58	ng	-0.02
78) Terphenyl-d14	13.02	244	228667	15.78	ng	-0.02
Target Compounds						Qvalue
70) Phenanthrene	11.46	178	91113	3.314	ng	96
74) Fluoranthene	12.64	202	157717	5.665	ng	99
77) Pyrene	12.88	202	147242	5.859	ng	97
80) Benzo(a)anthracene	14.06	228	72329	3.625	ng	96
82) Chrysene	14.10	228	73259	3.856	ng	97
85) Indeno(1,2,3-cd)pyrene	17.07	276	39299	2.586	ng	98
87) Benzo(b)fluoranthene	15.13	252	108776m	5.735	ng	
89) Benzo(a)pyrene	15.50	252	62018	3.562	ng	# 85
91) Benzo(g,h,i)perylene	17.53	276	40907	2.970	ng	95

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

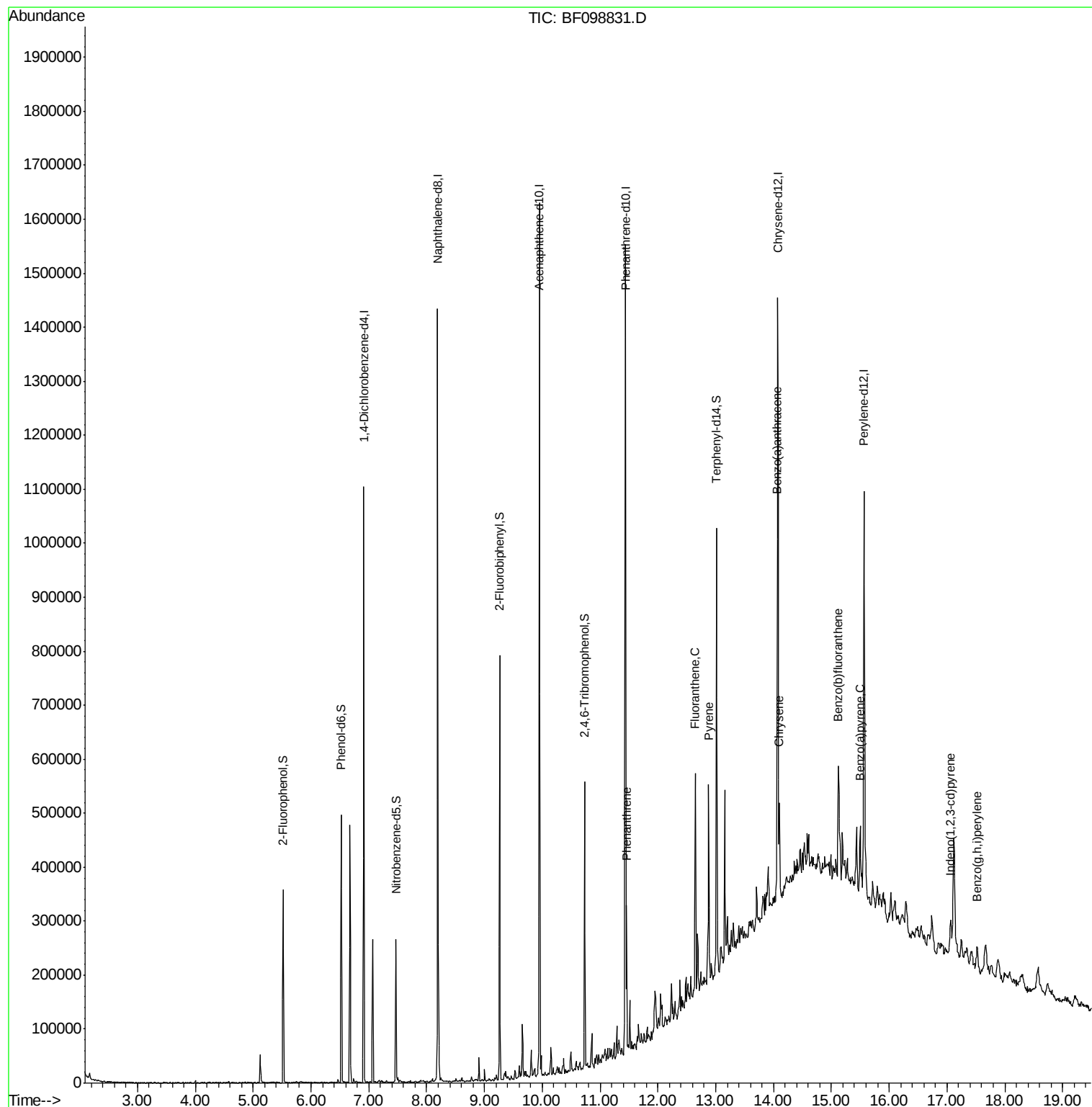
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
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#1

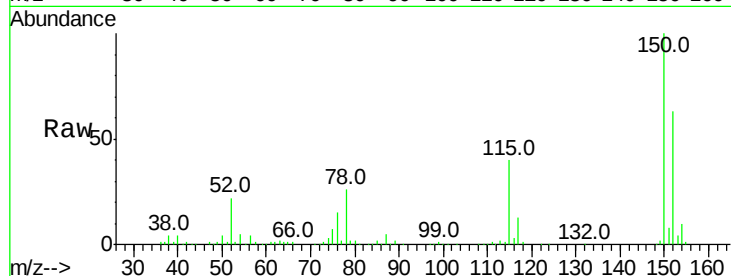
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098831.D
Acq: 26 Sep 2017 14:44

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

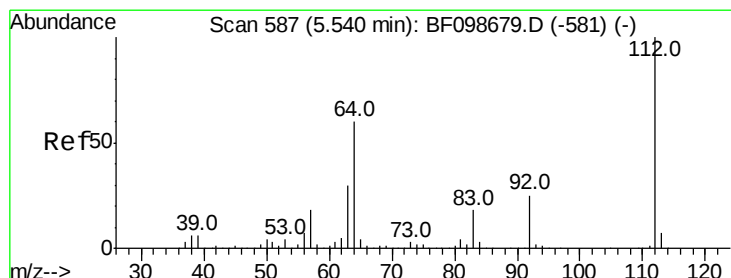
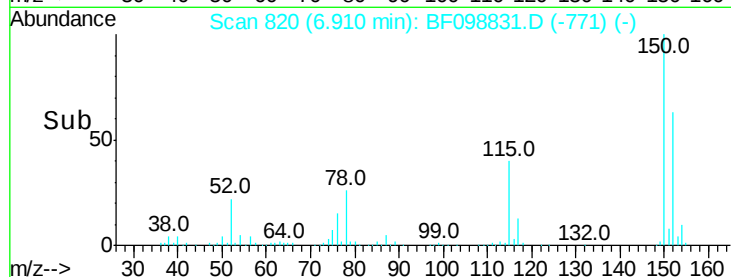
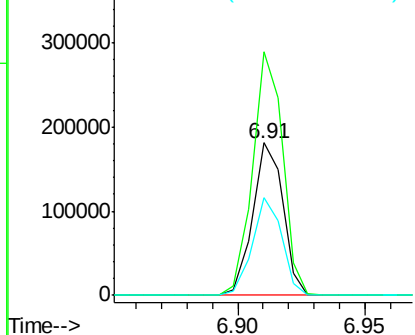
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	64.3	50.1	75.1

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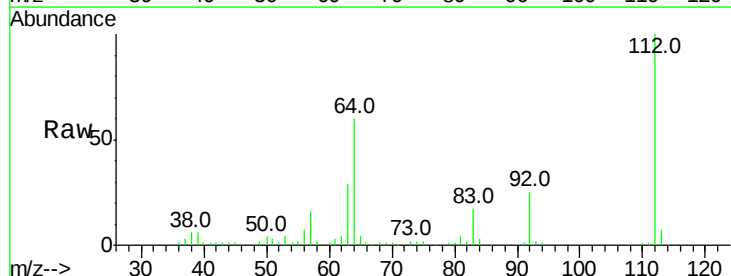
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



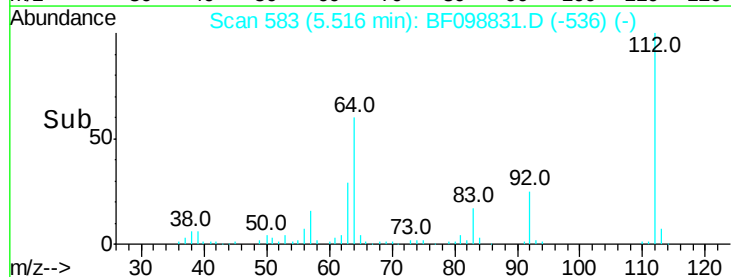
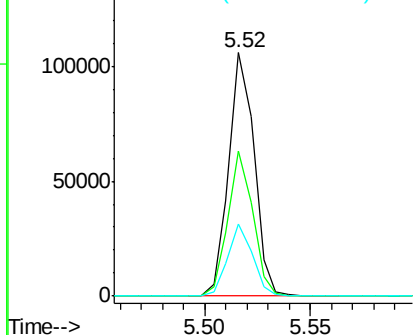
#5

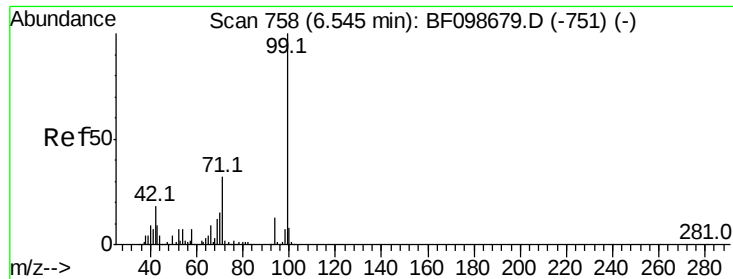
2-Fluorophenol
Concen: 9.246 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF098831.D
Acq: 26 Sep 2017 14:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	29.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 12.441 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF098831.D

Acq: 26 Sep 2017 14:44

Instrument :

BNA_F

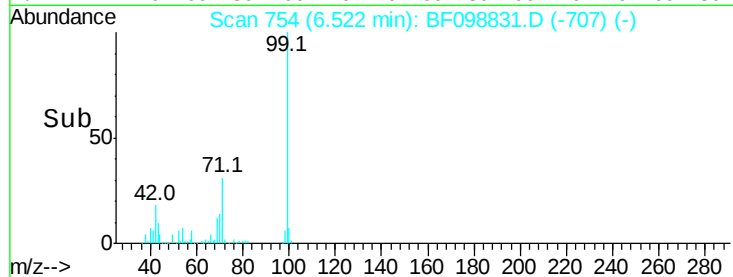
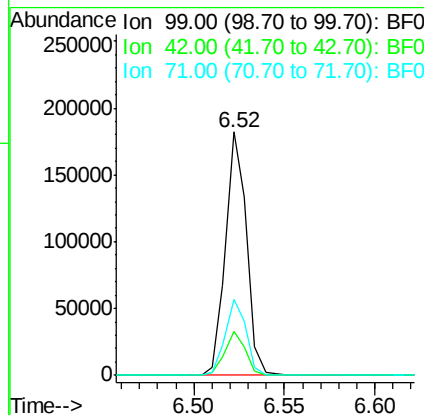
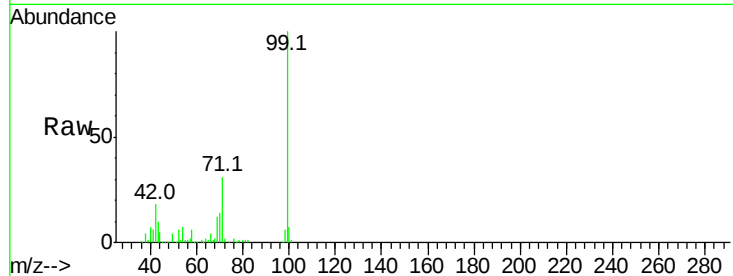
ClientSampled :

SP-3-G-COMP

Tot Ion:	99	Resp:	146318
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.5	21.7
71	31.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

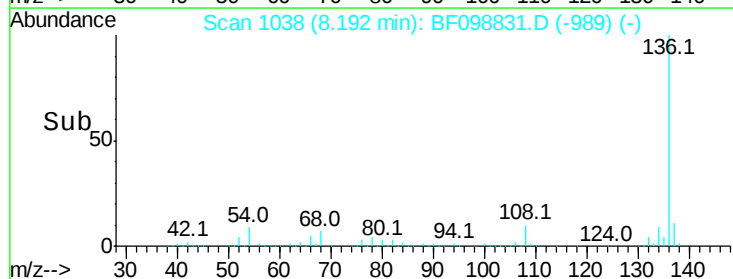
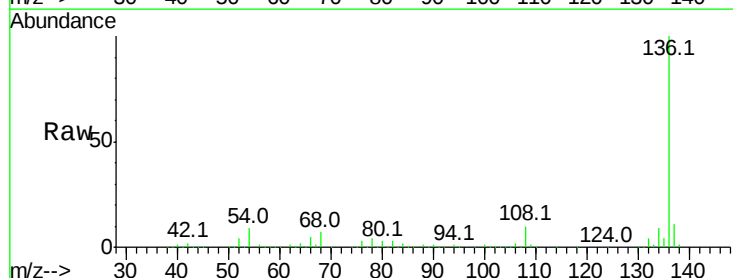
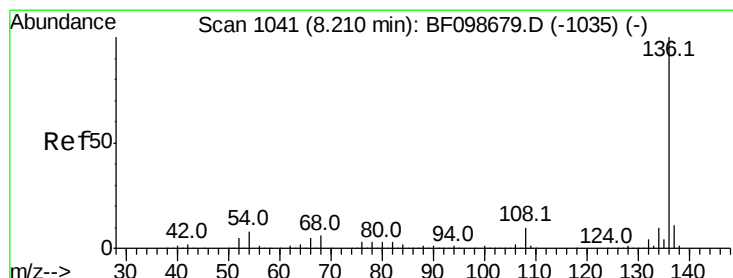
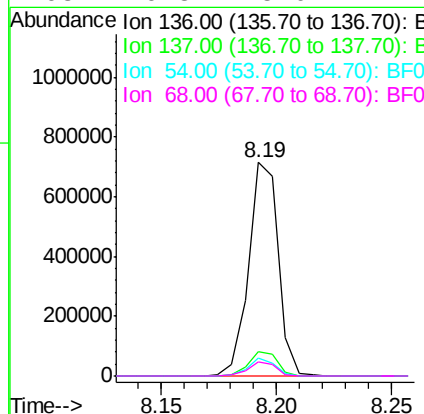
RT: 8.19 min Scan# 1038

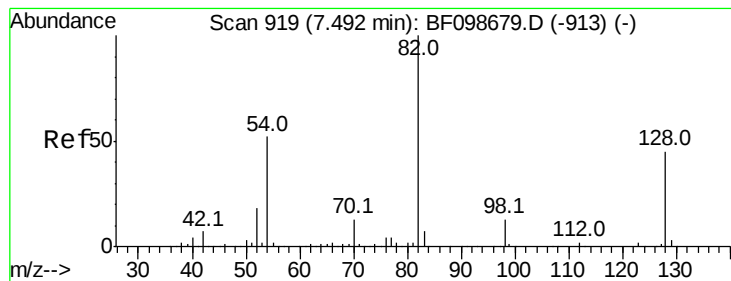
Delta R.T. -0.01 min

Lab File: BF098831.D

Acq: 26 Sep 2017 14:44

Tgt Ion:	136	Resp:	640369
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.6	6.6	9.8
68	6.8	5.0	7.4





#23

Nitrobenzene-d5

Concen: 7.689 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF098831.D

Acq: 26 Sep 2017 14:44

Instrument :

BNA_F

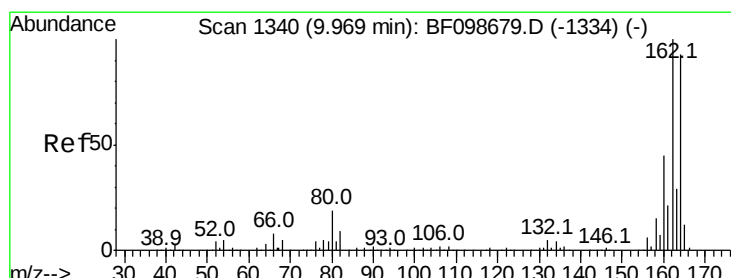
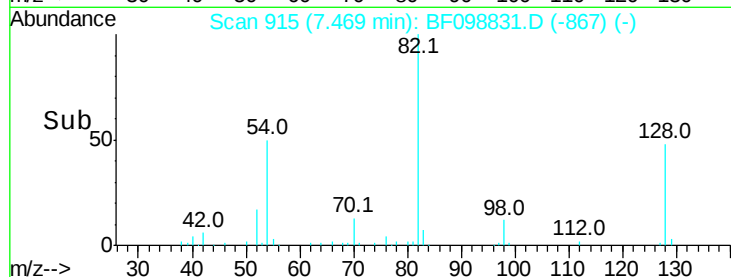
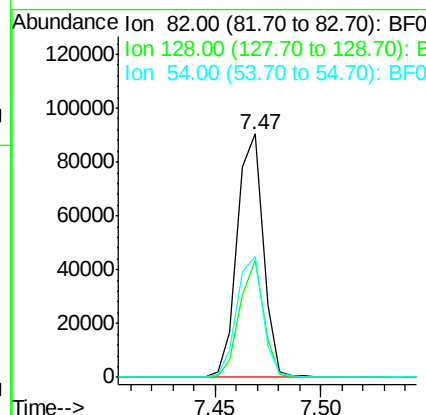
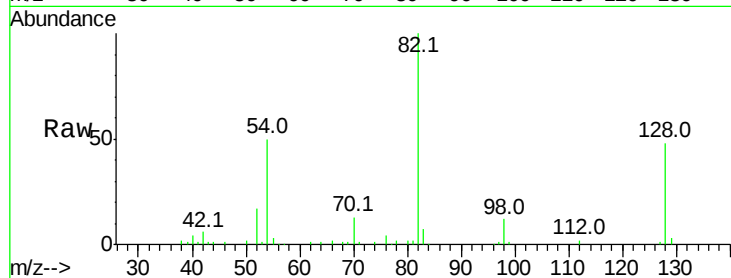
ClientSampleId :

SP-3-G-COMP

Tot Ion:	82	Resp:	76776
Ion Ratio	Lower	Upper	
82	100		
128	47.9	36.1	54.1
54	49.7	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

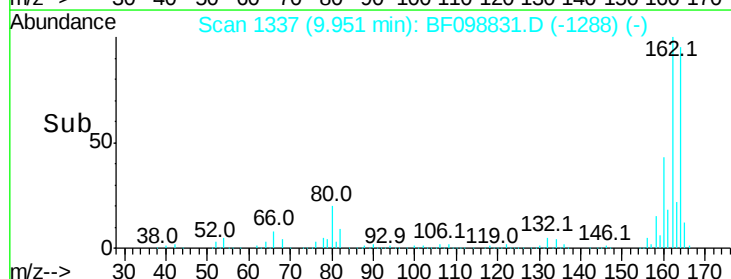
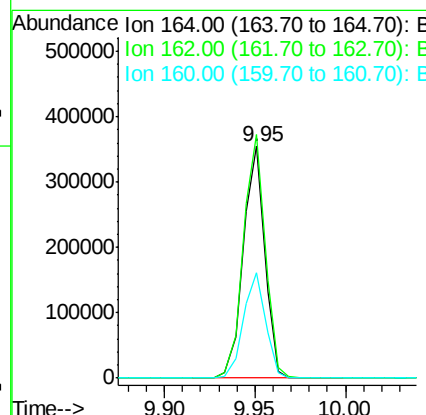
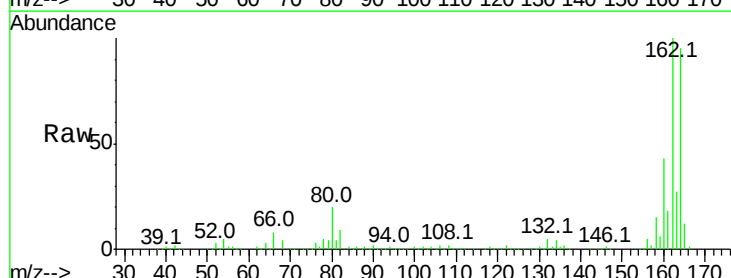
RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098831.D

Acq: 26 Sep 2017 14:44

Tgt Ion:	164	Resp:	291589
Ion Ratio	Lower	Upper	
164	100		
162	105.2	86.1	129.1
160	45.7	38.3	57.5





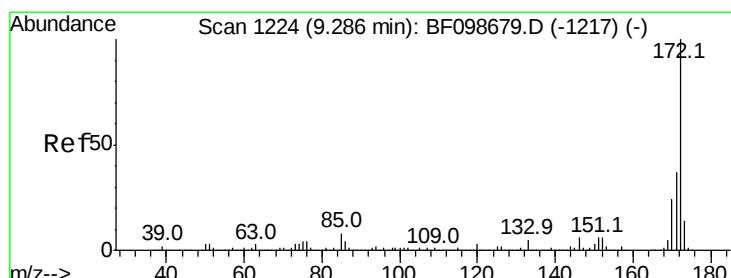
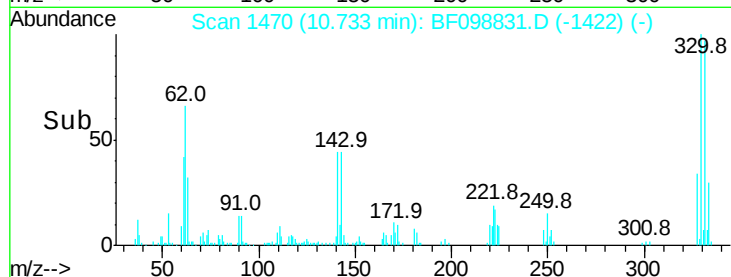
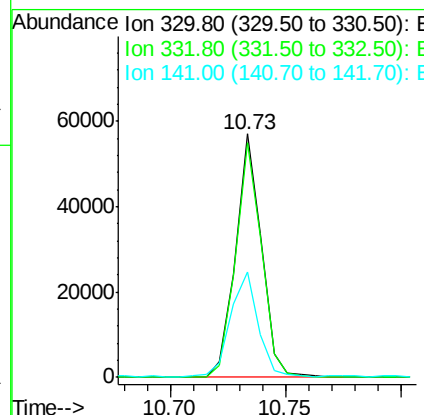
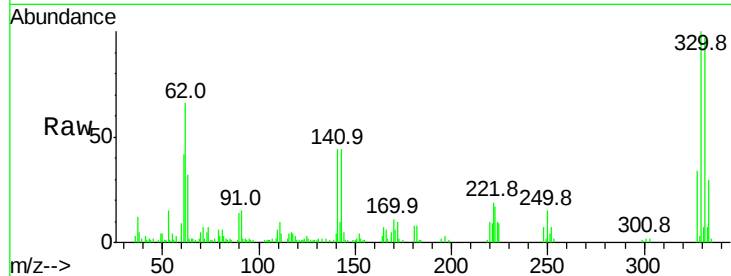
#41
 2,4,6-Tribromophenol
 Concen: 18.603 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF098831.D
 Acq: 26 Sep 2017 14:44

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	44386		
332	96.8	77.0	115.6	
141	47.1	29.9	44.9#	

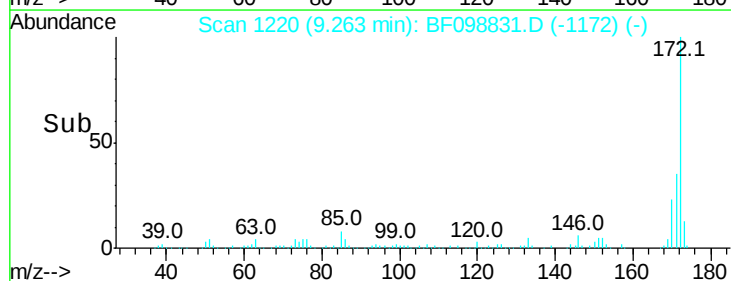
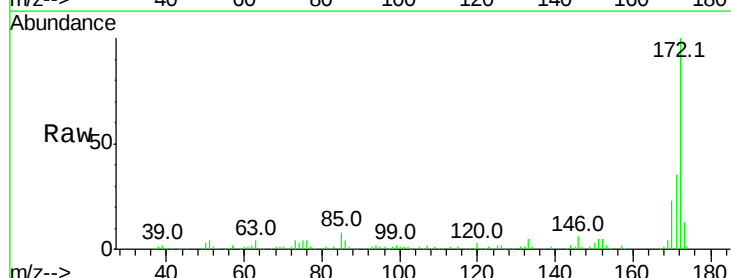
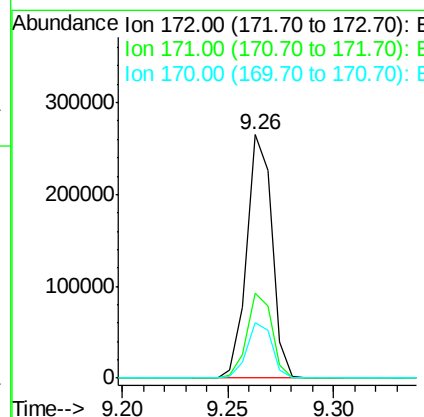
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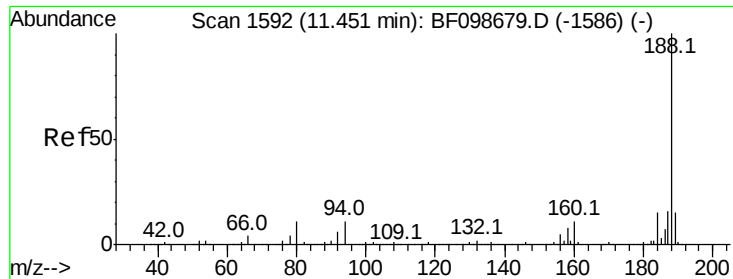
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#44
 2-Fluorobiphenyl
 Concen: 12.584 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF098831.D
 Acq: 26 Sep 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	219800		
171	34.9	29.7	44.5	
170	22.8	19.6	29.4	





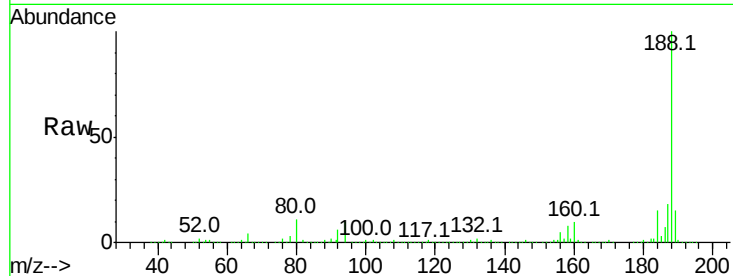
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098831.D
Acq: 26 Sep 2017 14:44

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

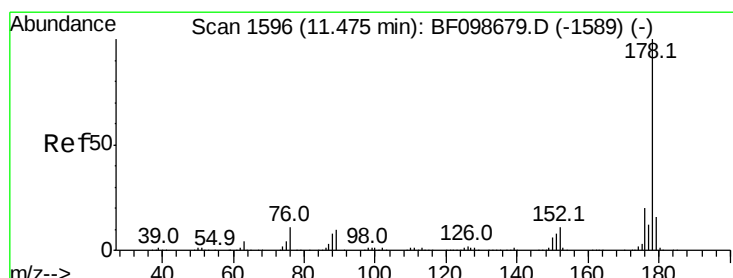
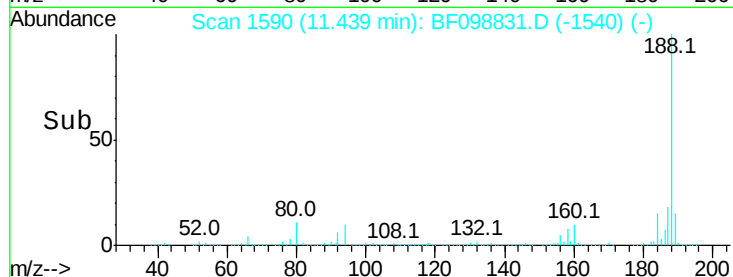
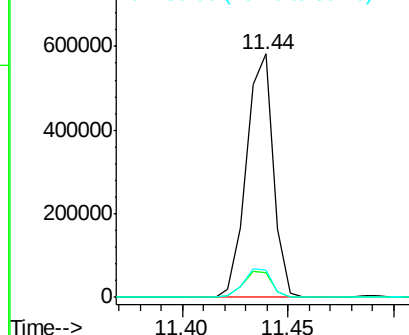
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.9	8.5	12.7
80	11.0	9.2	13.8

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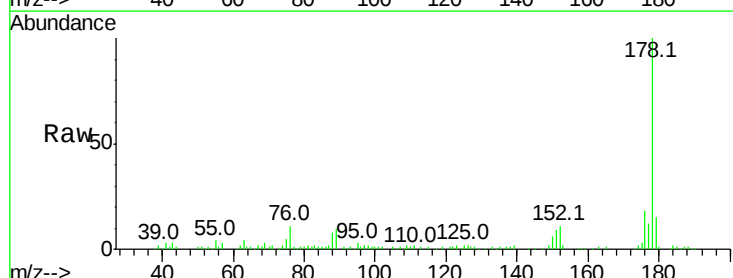


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

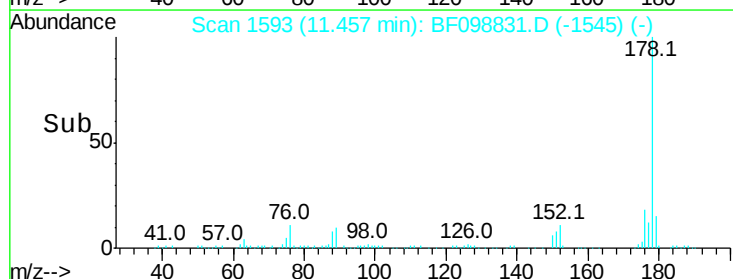
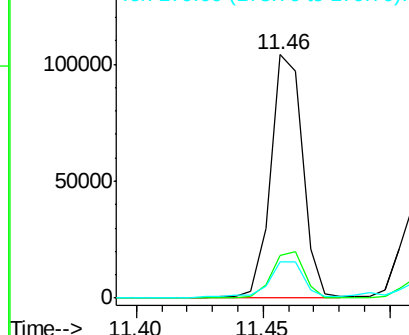


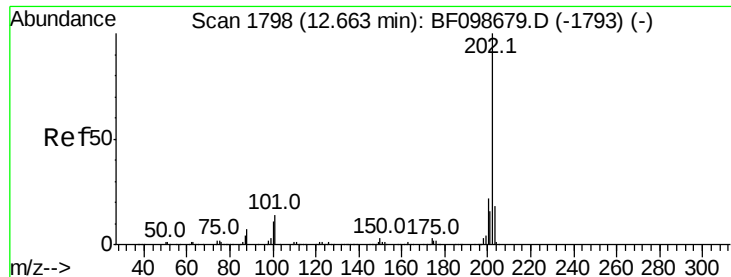
#70
Phenanthrene
Concen: 3.314 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.02 min
Lab File: BF098831.D
Acq: 26 Sep 2017 14:44

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	17.7	15.8	23.8
179	14.9	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: 5.665 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BF098831.D

Acq: 26 Sep 2017 14:44

Instrument :

BNA_F

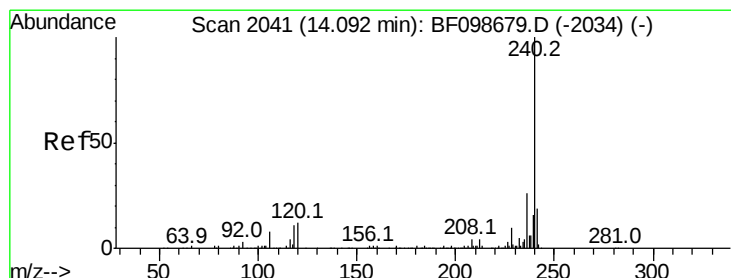
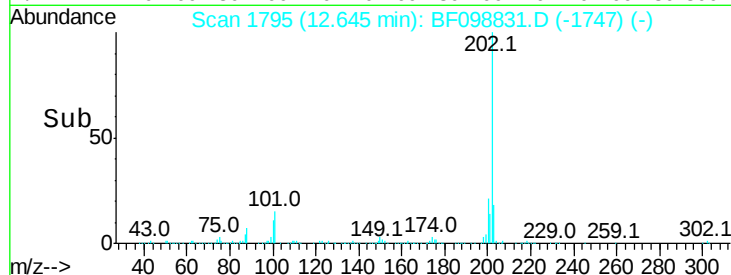
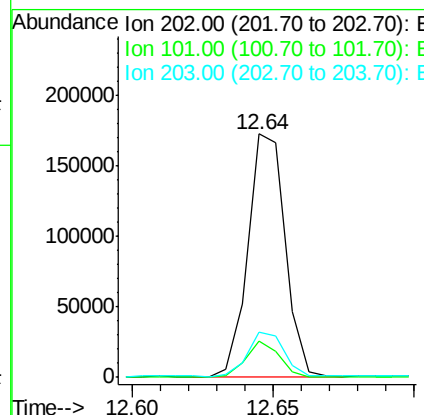
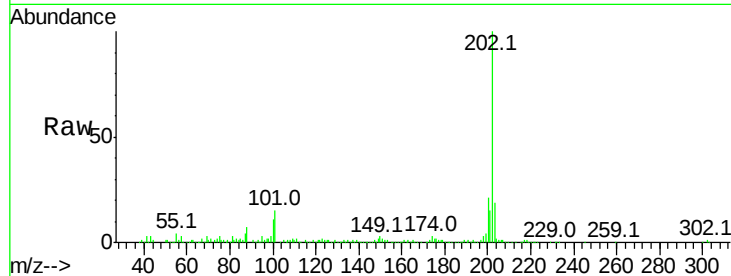
ClientSampleId :

SP-3-G-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.9	0.0	34.1
203	18.5	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

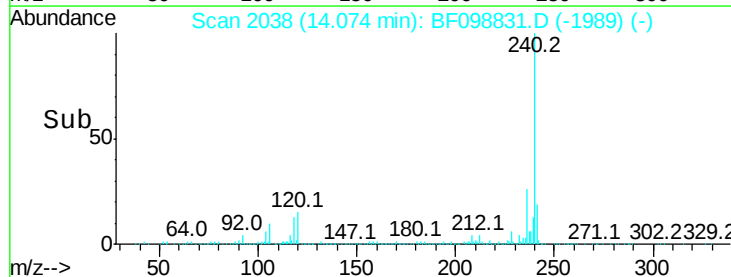
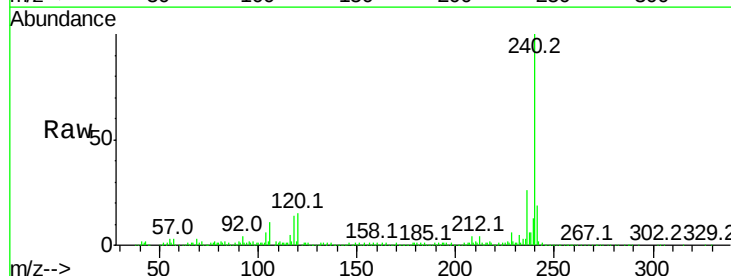
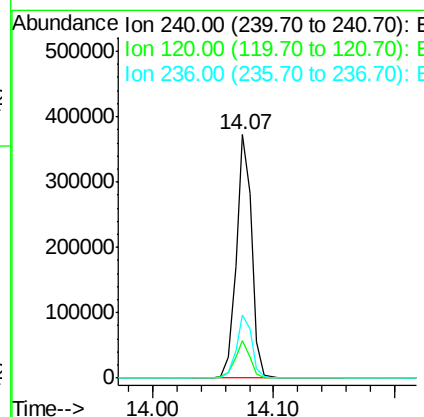
RT: 14.07 min Scan# 2038

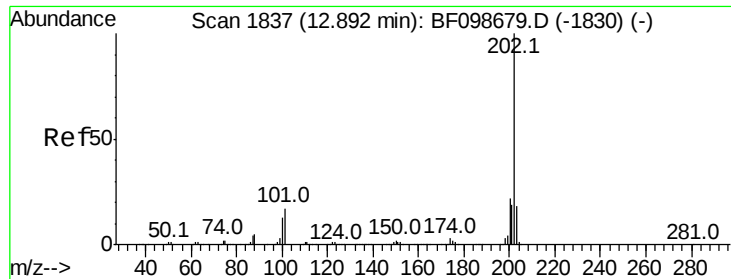
Delta R.T. -0.01 min

Lab File: BF098831.D

Acq: 26 Sep 2017 14:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	25.9	20.7	31.1





#77

Pvrene

Concen: 5.859 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF098831.D

Acq: 26 Sep 2017 14:44

Instrument :

BNA_F

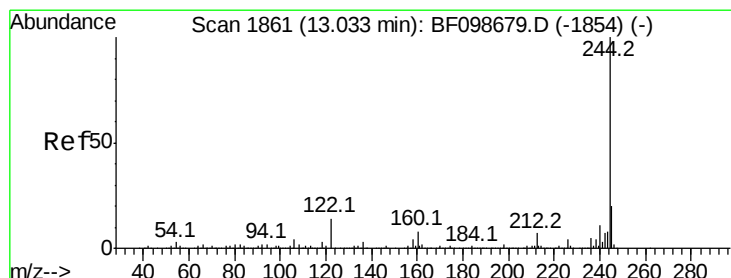
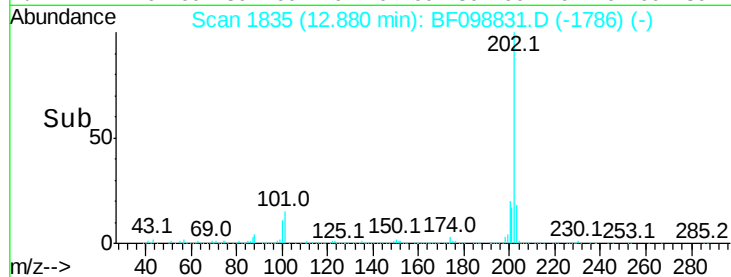
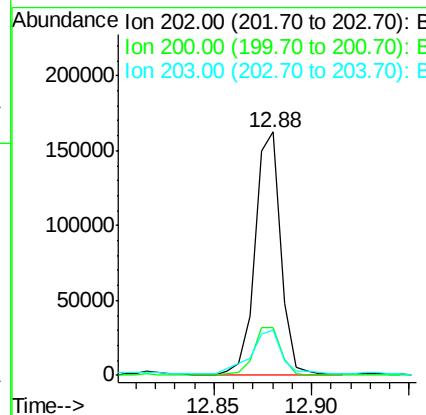
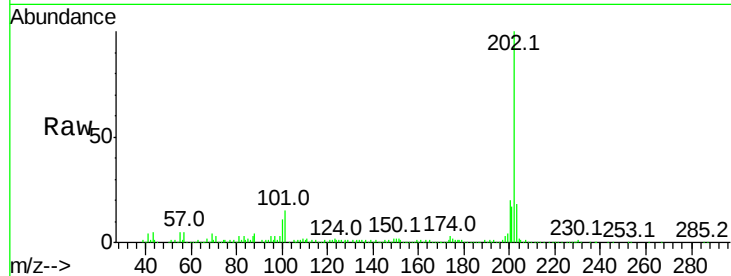
ClientSampleId :

SP-3-G-COMP

Tot Ion:	202	Resp:	147242
Ion Ratio	Lower	Upper	
202	100		
200	19.9	17.4	26.2
203	18.5	14.3	21.5

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#78

Terphenyl-d14

Concen: 15.780 ng

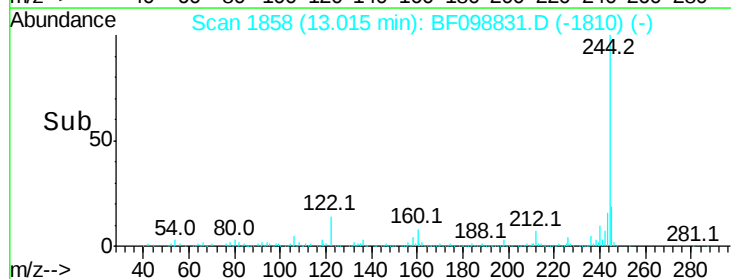
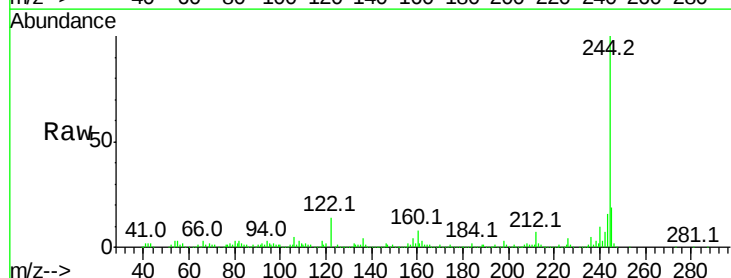
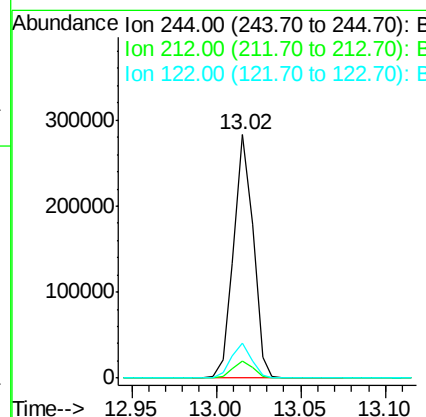
RT: 13.02 min Scan# 1858

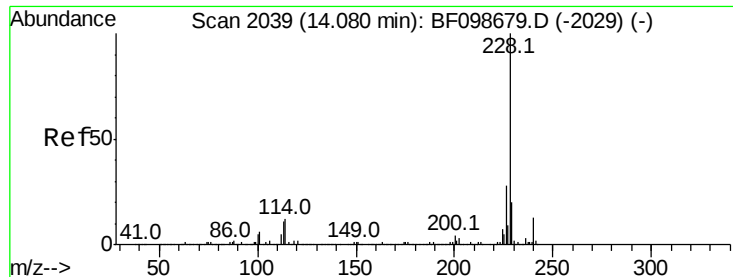
Delta R.T. -0.02 min

Lab File: BF098831.D

Acq: 26 Sep 2017 14:44

Tgt Ion:	244	Resp:	228667
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	14.4	11.0	16.4





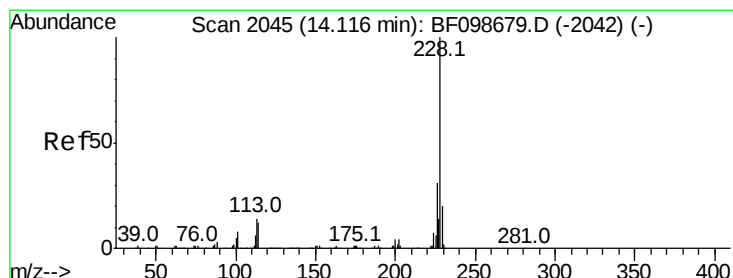
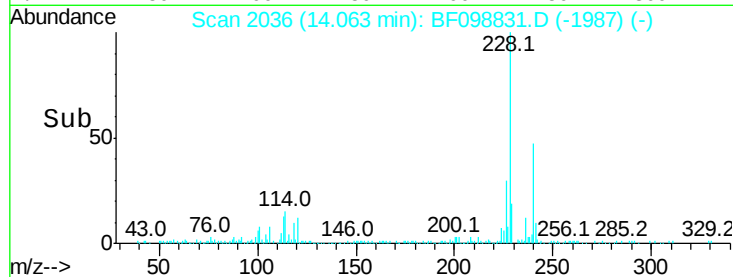
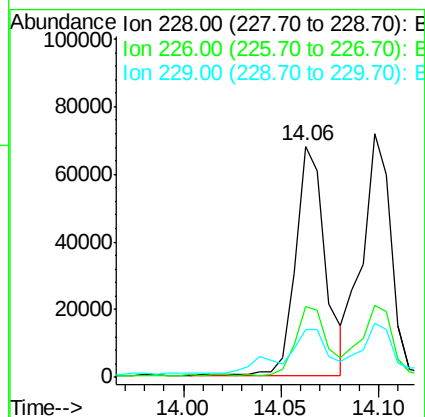
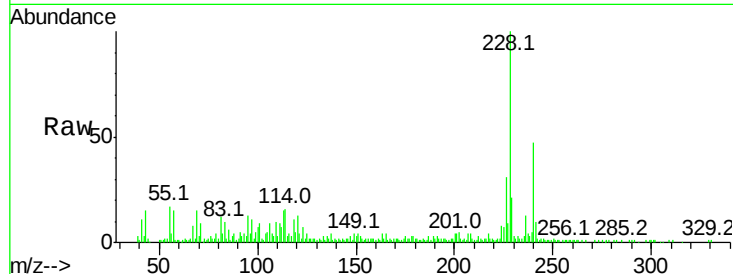
#80
Benzo(a)anthracene
Concen: 3.625 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF098831.D
Acq: 26 Sep 2017 14:44

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

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

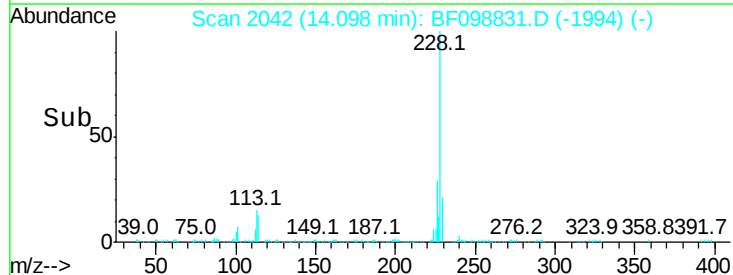
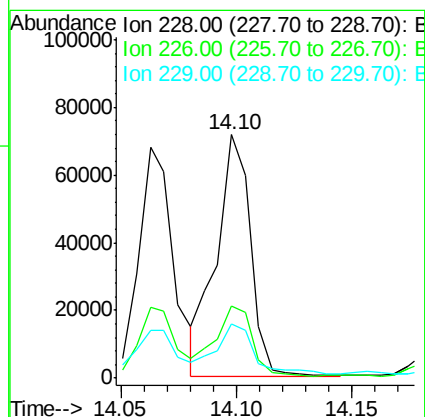
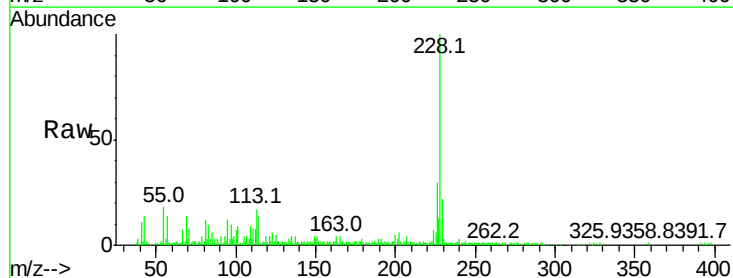
Manual Integrations
APPROVED

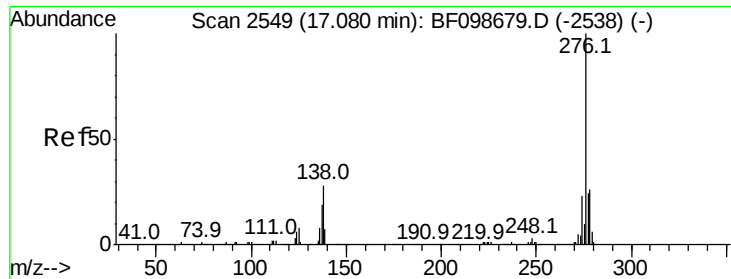
Sohil
9/27/2017 12:44:41 PM



#82
Chrysene
Concen: 3.856 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BF098831.D
Acq: 26 Sep 2017 14:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	22.1	16.2	24.4





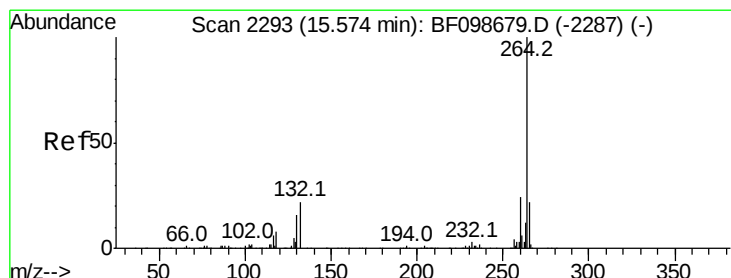
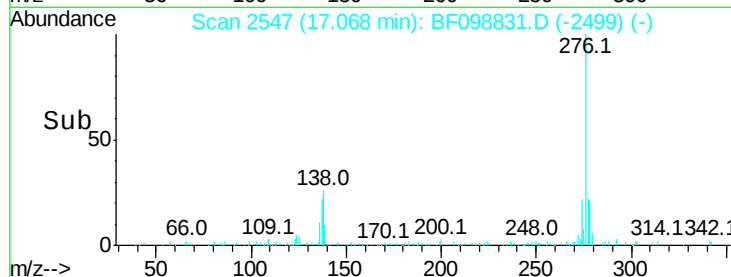
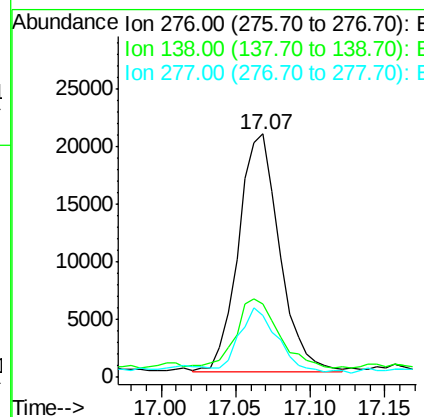
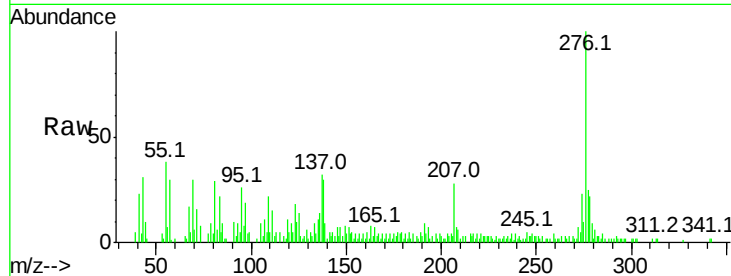
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.586 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.02 min
Lab File: BF098831.D
Acq: 26 Sep 2017 14:44

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.5	25.0	37.6
277	24.0	20.1	30.1

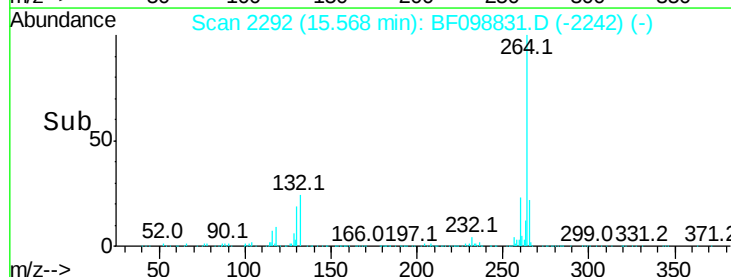
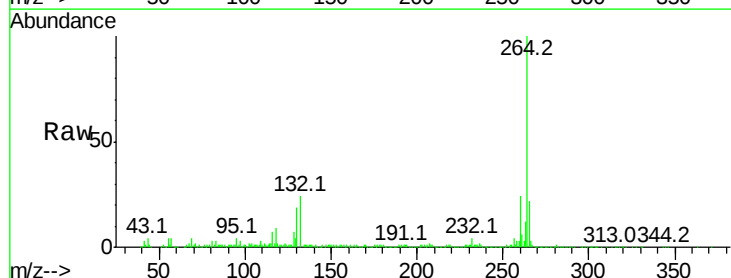
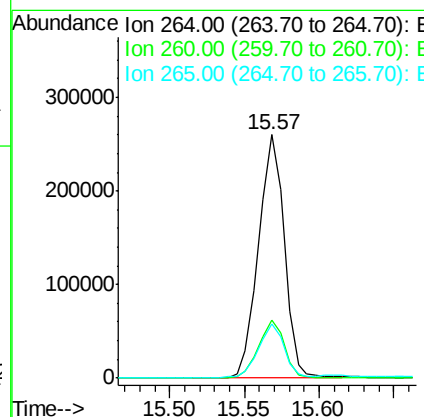
Manual Integrations
APPROVED

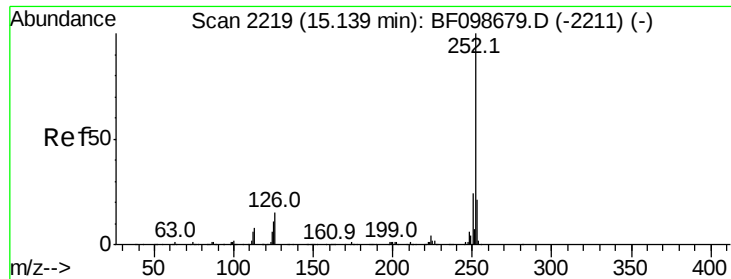
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098831.D
Acq: 26 Sep 2017 14:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 5.735 ng/mL

RT: 15.13 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF098831.D

Acq: 26 Sep 2017 14:44

Instrument :

BNA_F

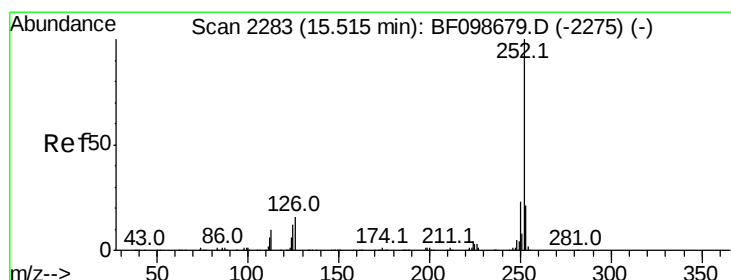
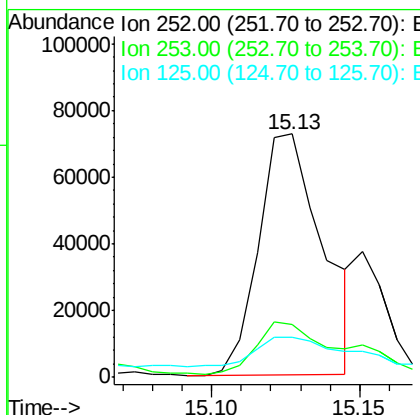
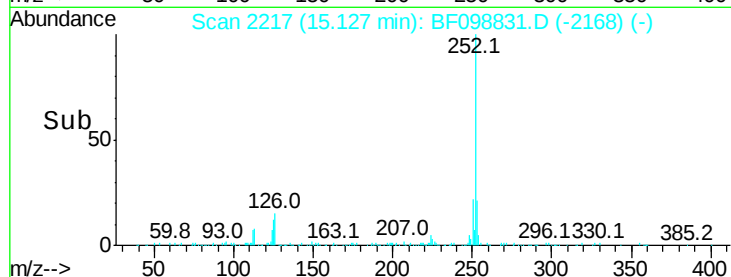
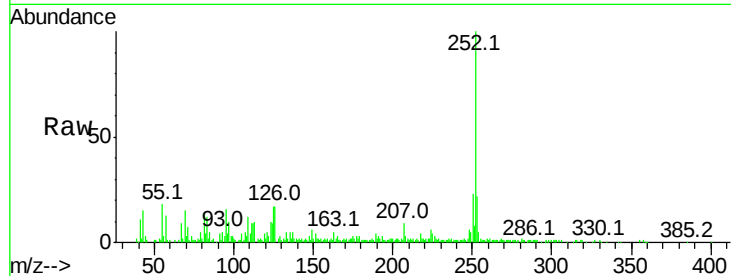
ClientSampleId :

SP-3-G-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	16.6	9.0	13.6

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 3.562 ng/mL

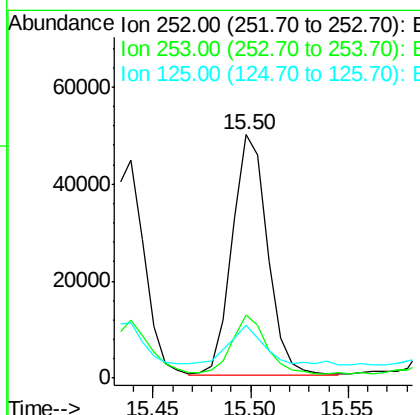
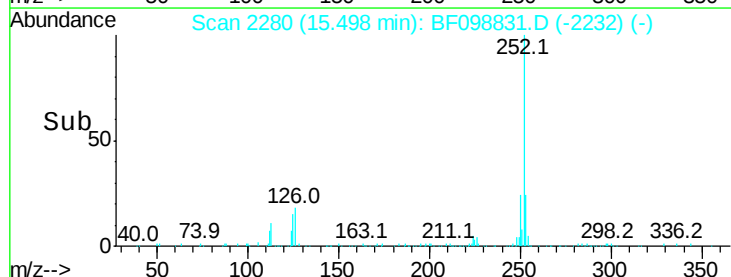
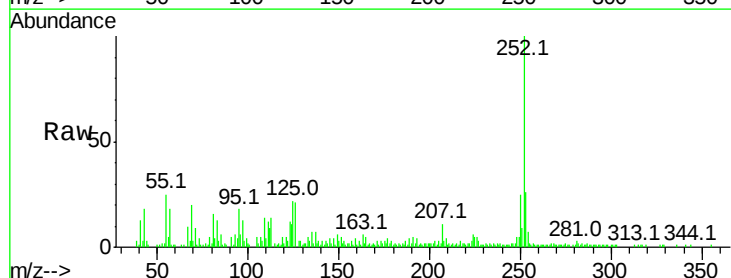
RT: 15.50 min Scan# 2280

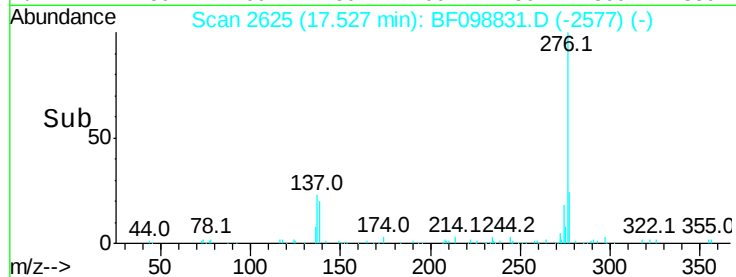
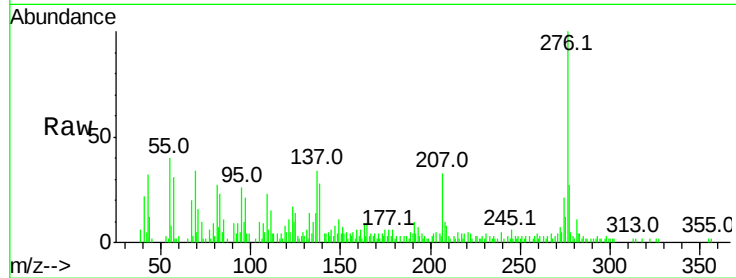
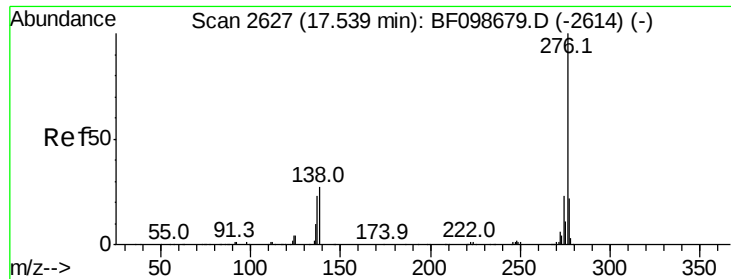
Delta R.T. -0.02 min

Lab File: BF098831.D

Acq: 26 Sep 2017 14:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.1	25.7
125	21.6	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 2.970 ng

RT: 17.53 min Scan# 2625

Delta R.T. -0.02 min

Lab File: BF098831.D

Acq: 26 Sep 2017 14:44

Tot Ion:	276	Resp:	40907
Ion Ratio	Lower	Upper	
276	100		
277	26.7	17.9	26.9
138	27.9	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

SP-3-G-COMP

Manual Integrations
APPROVED

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9/27/2017 12:44:41 PM

