

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098853.D
 Acq On : 27 Sep 2017 10:33
 Operator : SJ/JU
 Sample : I5363-05 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Sep 28 02:09:56 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	6.92	152	146546	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	581124	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	230914	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	324736	20.00	ng	0.00
75) Chrysene-d12	14.07	240	259579	20.00	ng	-0.01
86) Perylene-d12	15.57	264	288856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	136639	14.84	ng	-0.02
7) Phenol-d6	6.53	99	160878	14.17	ng	-0.02
23) Nitrobenzene-d5	7.47	82	95067	10.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	21901	11.59	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	184002	13.30	ng	-0.01
78) Terphenyl-d14	13.02	244	106518	9.33	ng	-0.02
Target Compounds						
70) Phenanthrene	11.46	178	43075	2.478	ng	99
74) Fluoranthene	12.65	202	62712	3.563	ng	97
77) Pyrene	12.88	202	56443	2.852	ng	97
80) Benzo(a)anthracene	14.06	228	36520	2.323	ng	97
82) Chrysene	14.10	228	38142	2.549	ng	96
85) Indeno(1,2,3-cd)pyrene	17.06	276	26893	2.247	ng	97
87) Benzo(b)fluoranthene	15.13	252	59837m	3.369	ng	
89) Benzo(a)pyrene	15.50	252	33161	2.034	ng	# 90

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

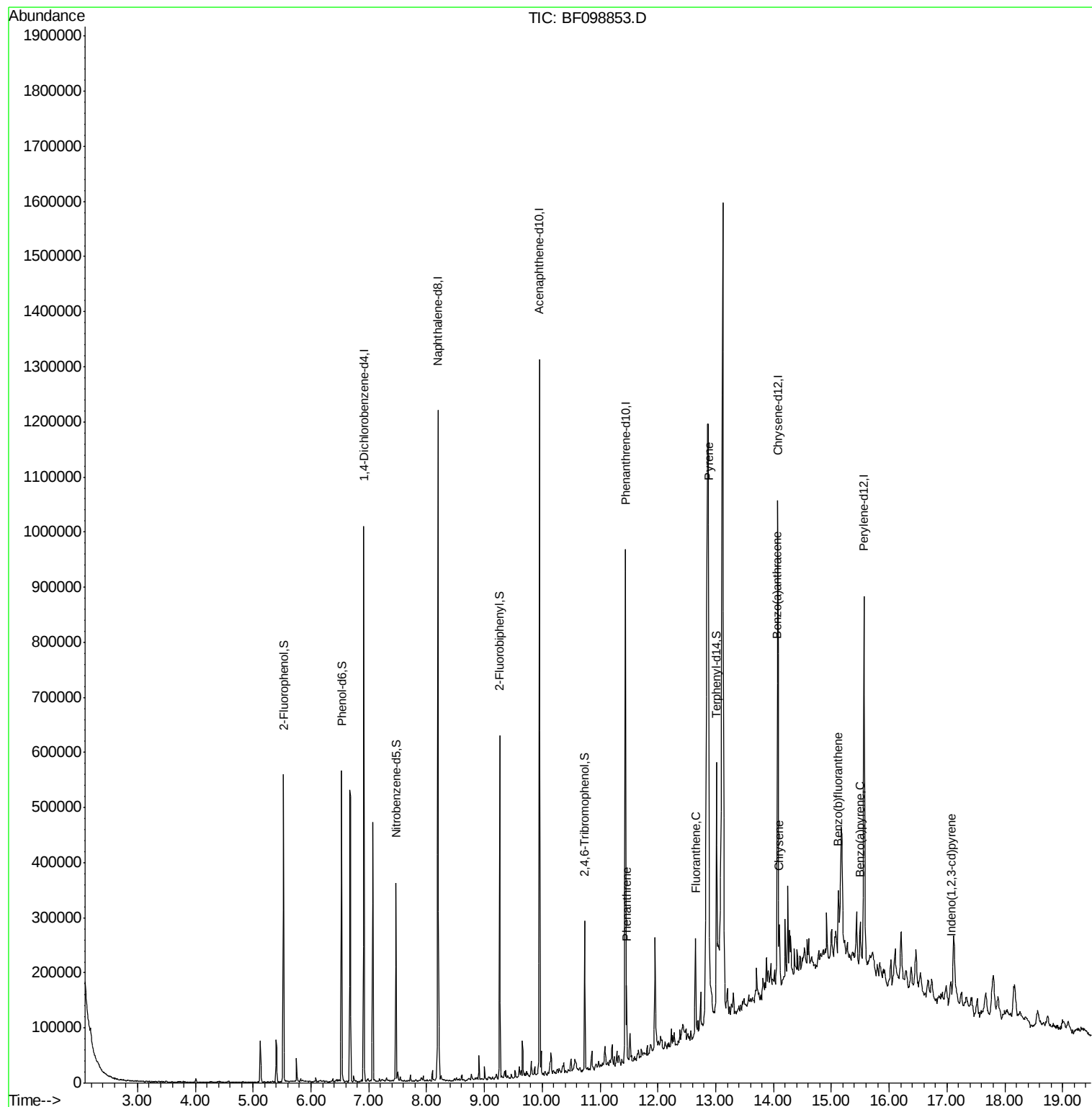
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098853.D
Acq On : 27 Sep 2017 10:33
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Response via : Initial Calibration





#1

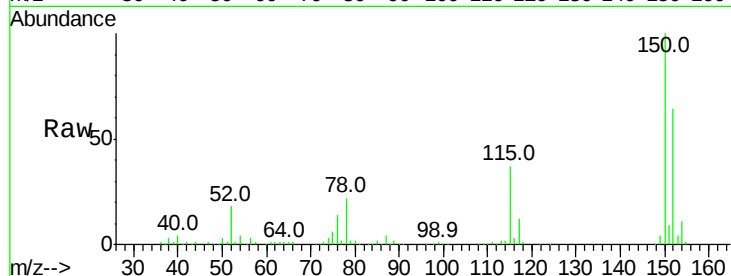
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098853.D
Acq: 27 Sep 2017 10:33

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

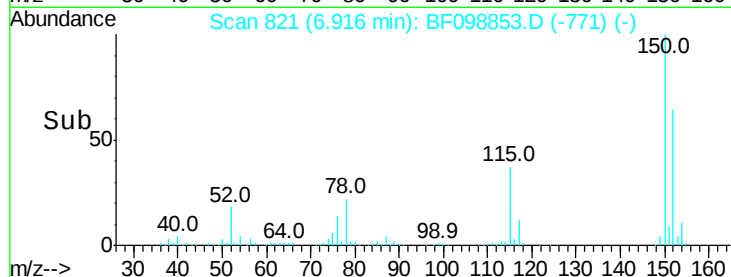
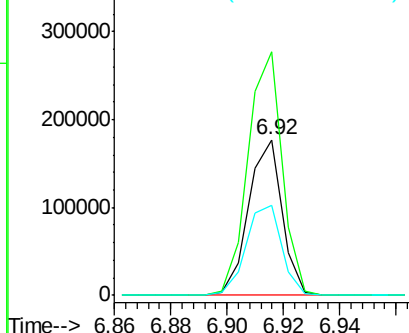
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	58.2	50.1	75.1

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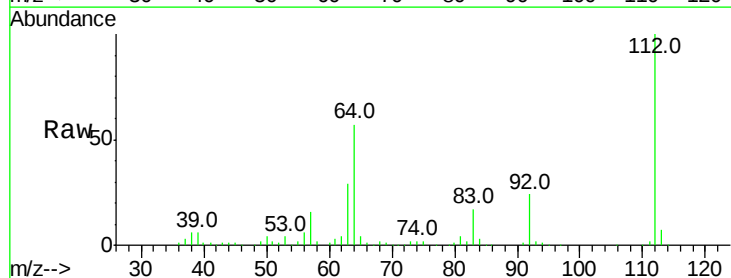
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



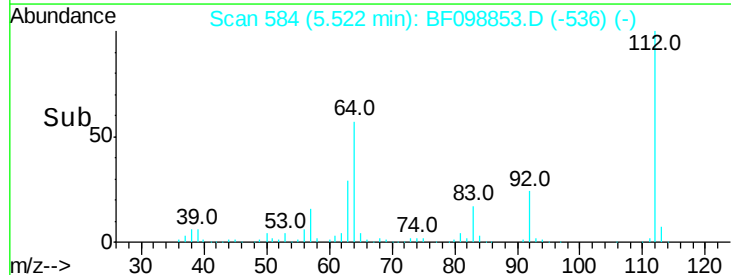
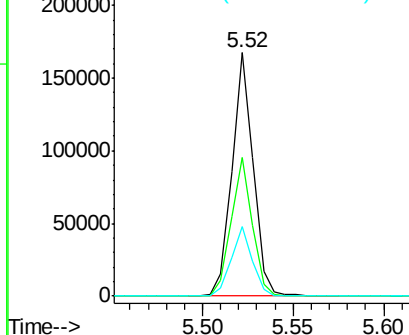
#5

2-Fluorophenol
Concen: 14.843 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098853.D
Acq: 27 Sep 2017 10:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.9	71.9
63	28.5	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: 14.166 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098853.D

Acq: 27 Sep 2017 10:33

Instrument :

BNA_F

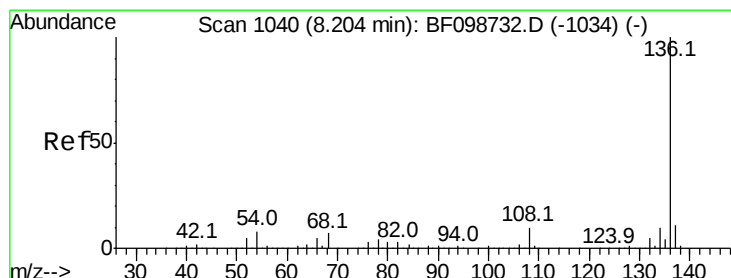
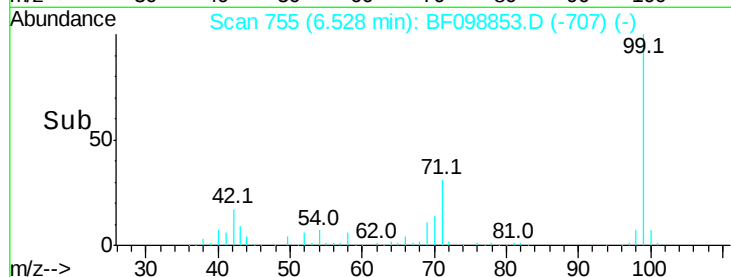
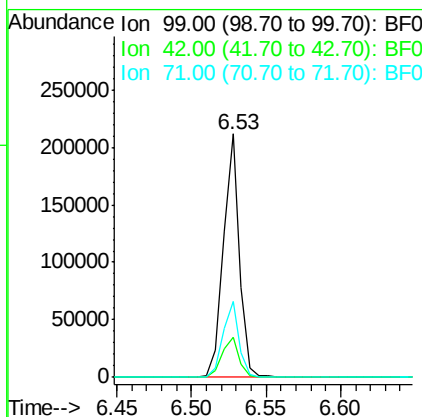
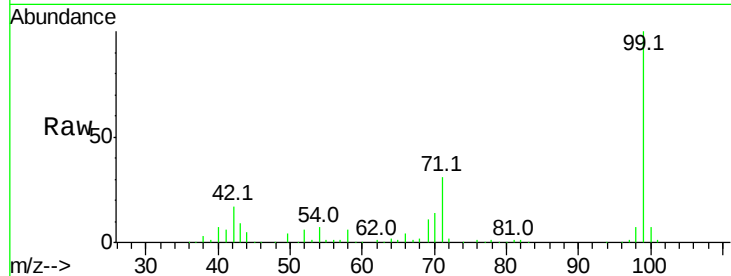
ClientSampleId :

SP-3-C-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		160878		
42	16.6	14.5	21.7		
71	31.2	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

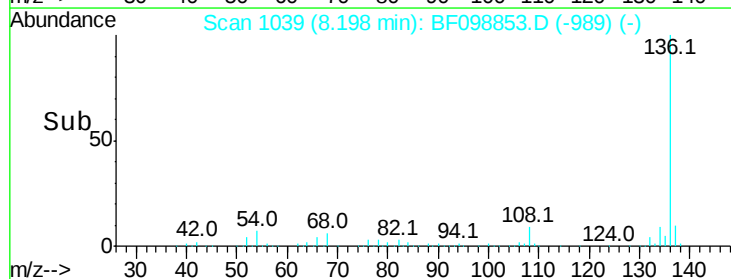
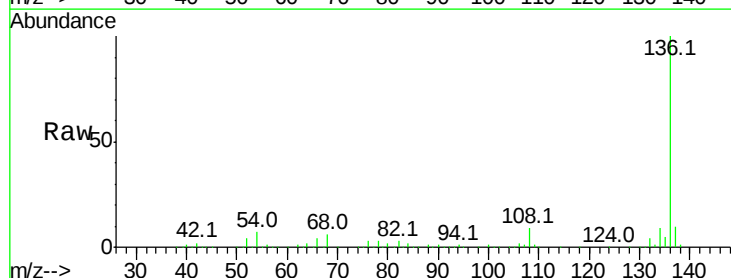
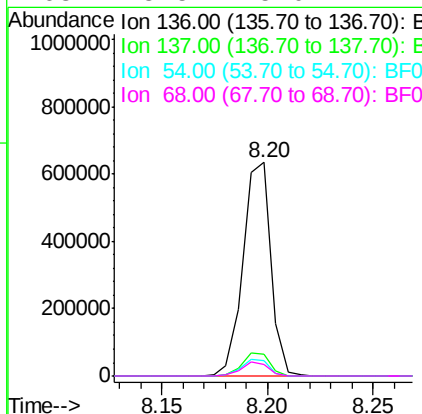
RT: 8.20 min Scan# 1039

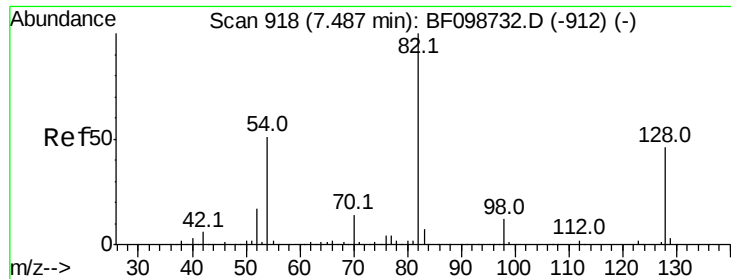
Delta R.T. -0.01 min

Lab File: BF098853.D

Acq: 27 Sep 2017 10:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		581124		
137	10.4	8.9	13.3		
54	6.9	6.6	9.8		
68	5.5	5.0	7.4		





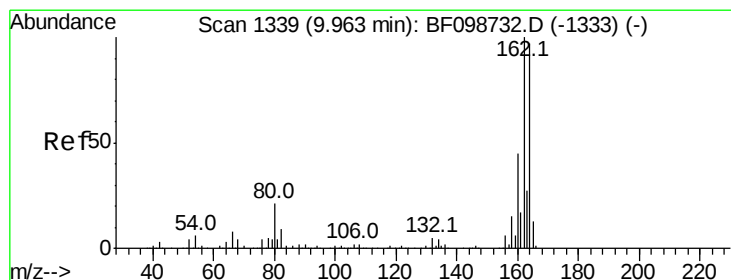
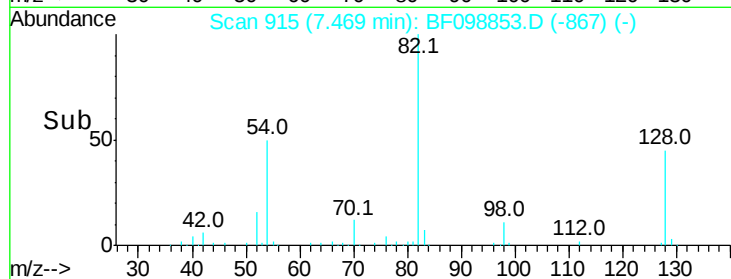
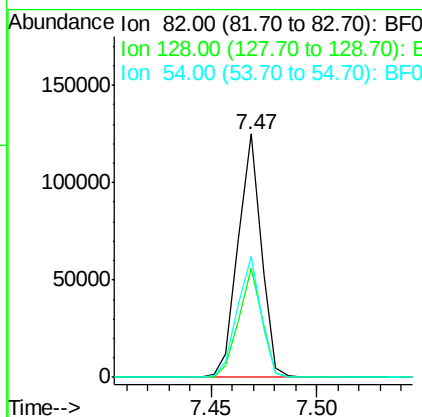
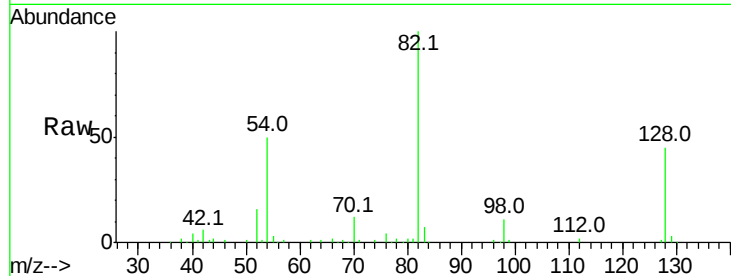
#23
Nitrobenzene-d5
Concen: 10.491 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF098853.D
Acq: 27 Sep 2017 10:33

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	49.6	41.4	62.2

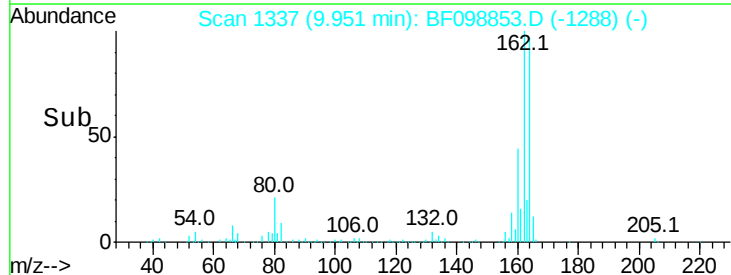
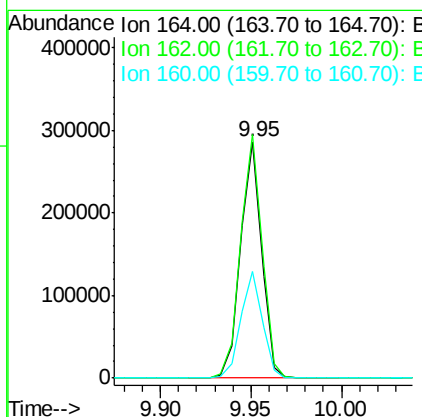
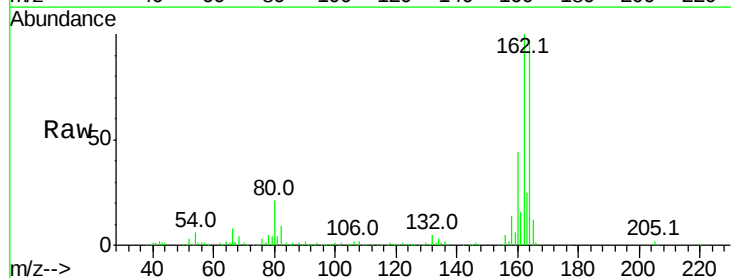
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098853.D
Acq: 27 Sep 2017 10:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	45.1	38.3	57.5





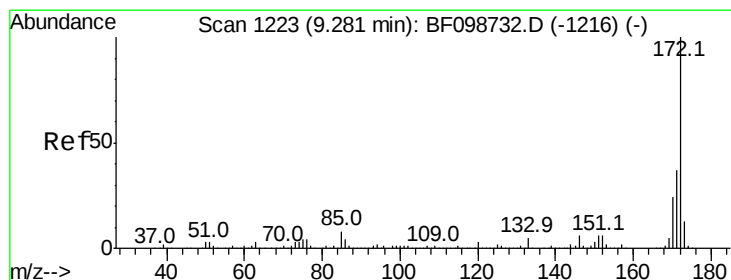
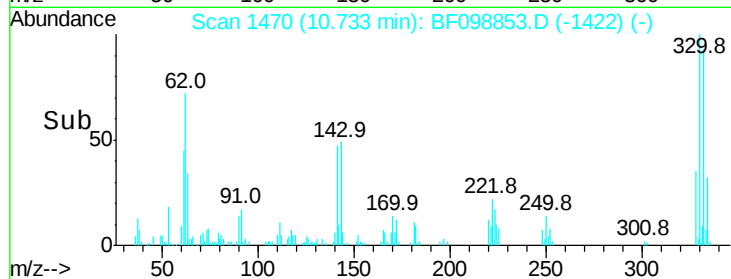
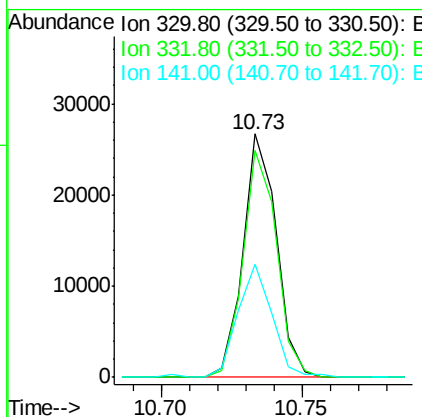
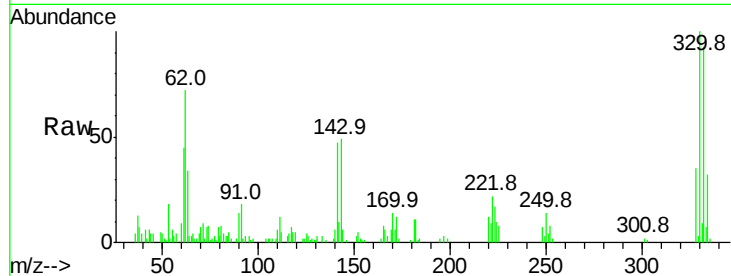
#41
 2,4,6-Tribromophenol
 Concen: 11.591 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF098853.D
 Acq: 27 Sep 2017 10:33

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.0	115.6
141	48.4	29.9	44.9#

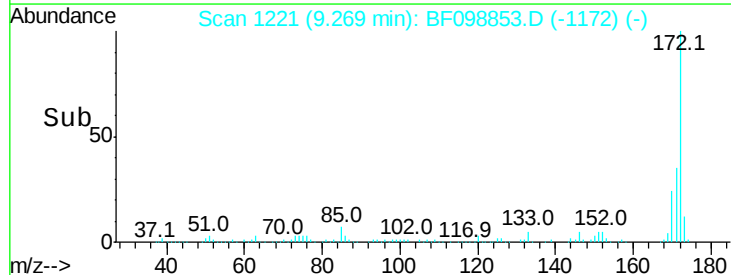
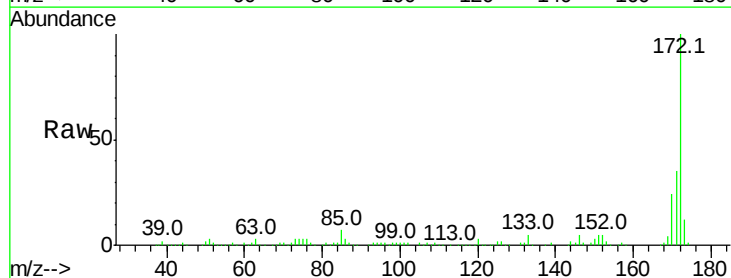
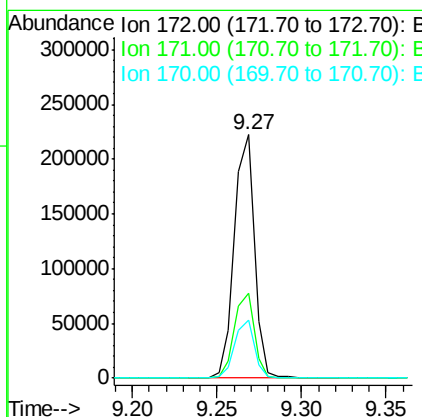
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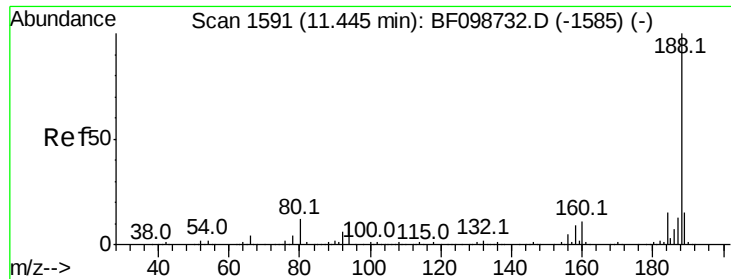
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#44
 2-Fluorobiphenyl
 Concen: 13.303 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098853.D
 Acq: 27 Sep 2017 10:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.9	19.6	29.4





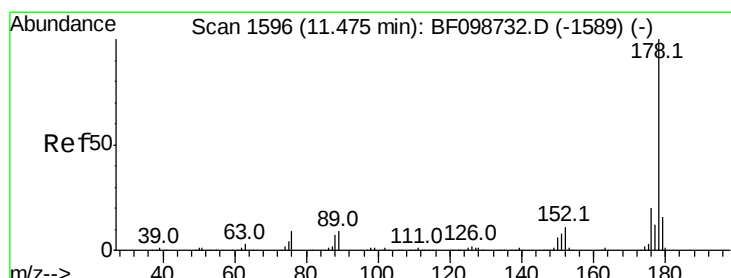
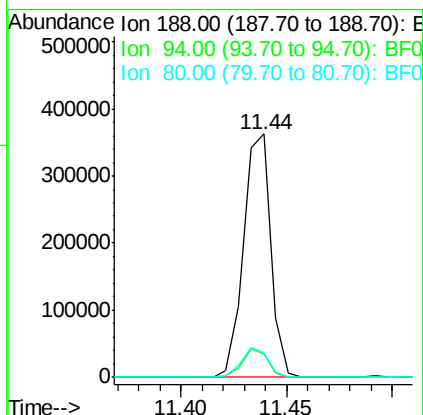
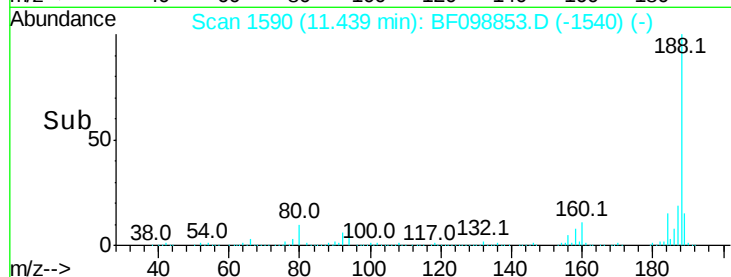
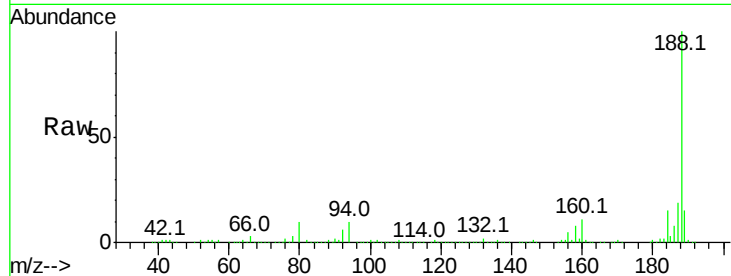
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098853.D
Acq: 27 Sep 2017 10:33

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

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.7	8.5	12.7
80	10.2	9.2	13.8

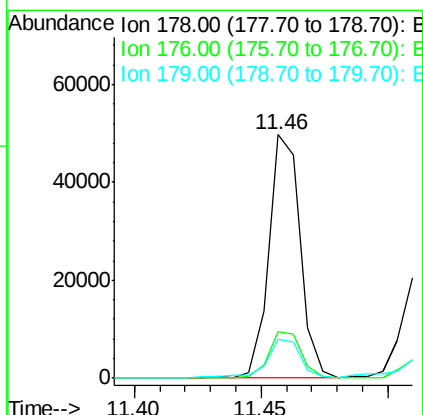
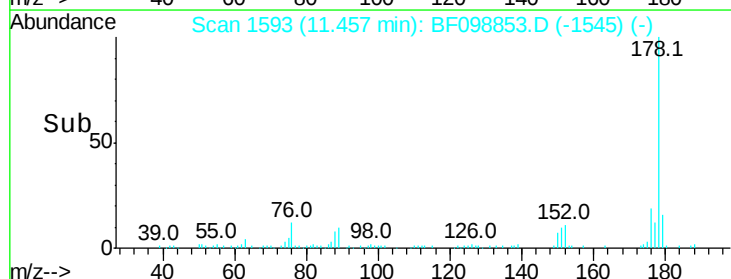
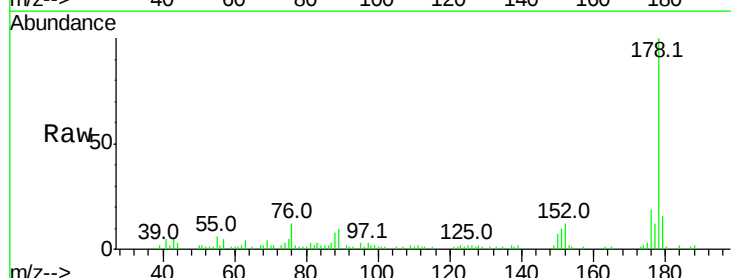
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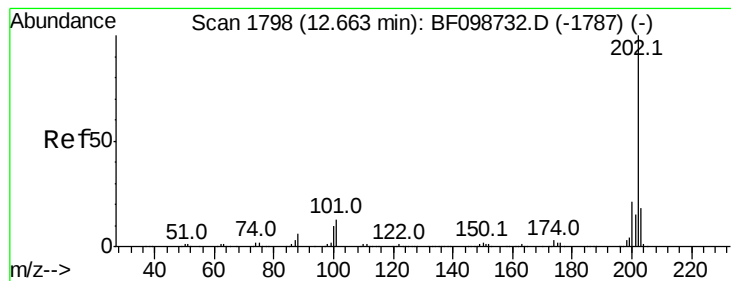
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#70
Phenanthrene
Concen: 2.478 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.02 min
Lab File: BF098853.D
Acq: 27 Sep 2017 10:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.3	15.8	23.8
179	15.8	13.0	19.6





#74

Fluoranthene

Concen: 3.563 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF098853.D

Acq: 27 Sep 2017 10:33

Instrument :

BNA_F

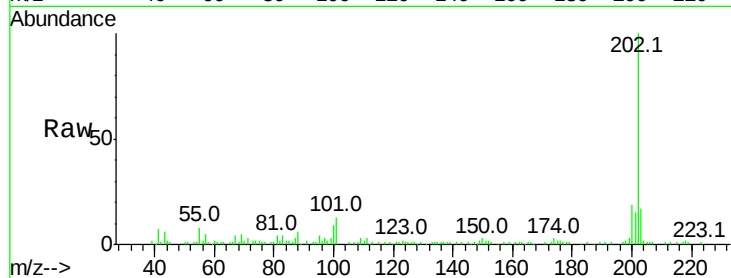
ClientSampleId :

SP-3-C-COMP

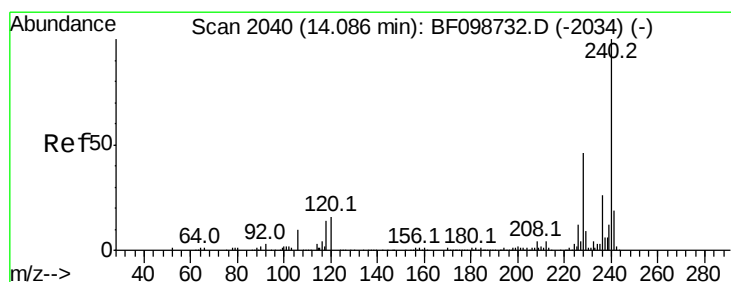
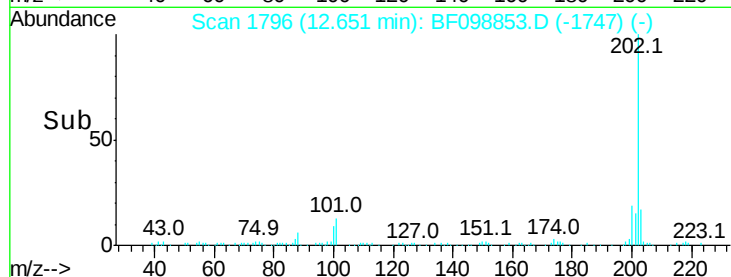
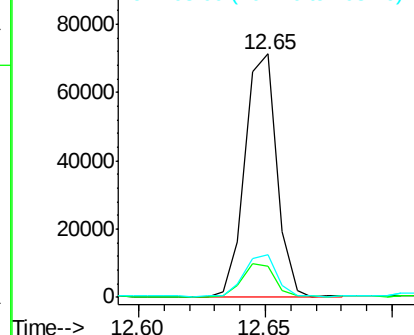
Tot Ion	Ratio	Resp	Lower	Upper
202	100	62712		
101	12.6		0.0	34.1
203	17.3		0.0	38.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

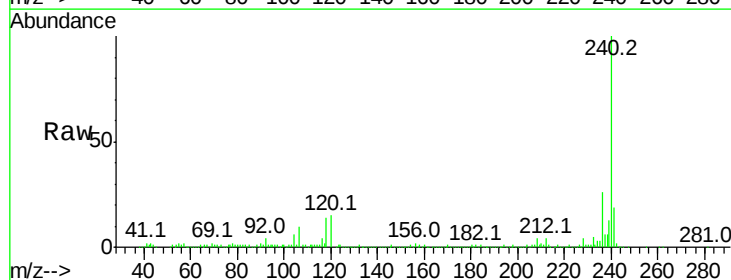
RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

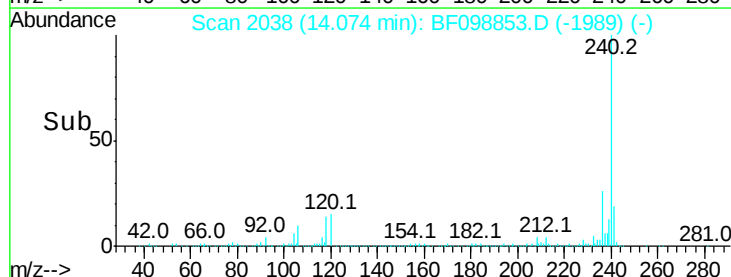
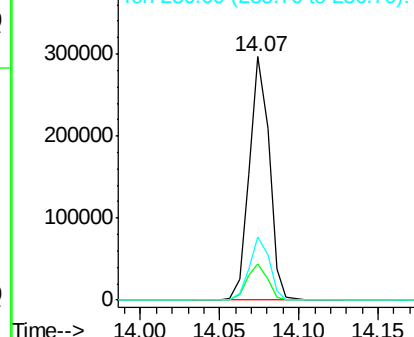
Lab File: BF098853.D

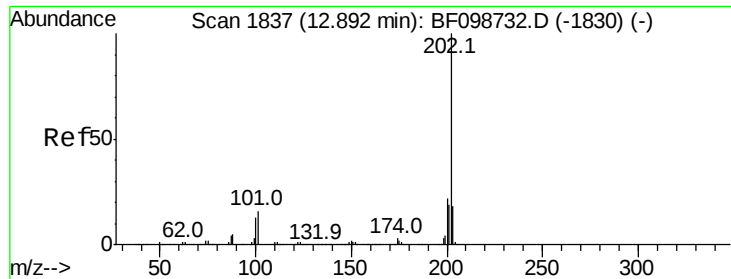
Acq: 27 Sep 2017 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	259579		
120	15.1		9.5	14.3#
236	26.0		20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





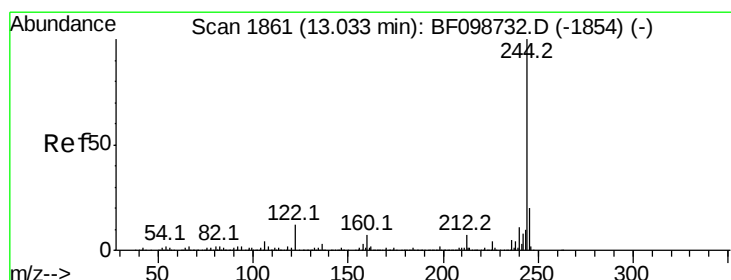
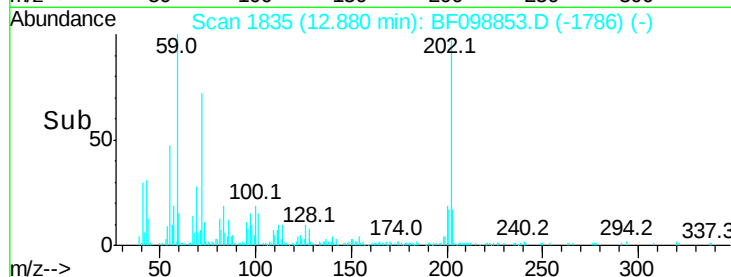
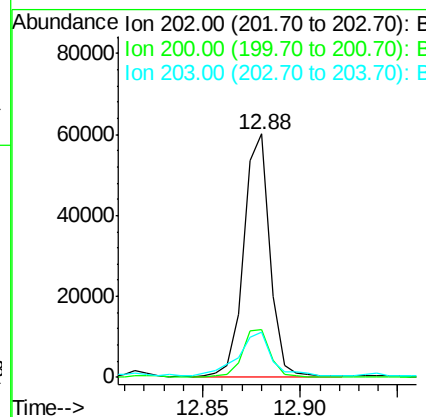
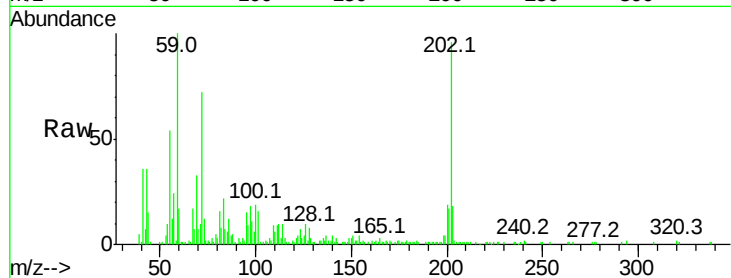
#77
Pvrene
Concen: 2.852 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF098853.D
Acq: 27 Sep 2017 10:33

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.5	17.4	26.2
203	18.4	14.3	21.5

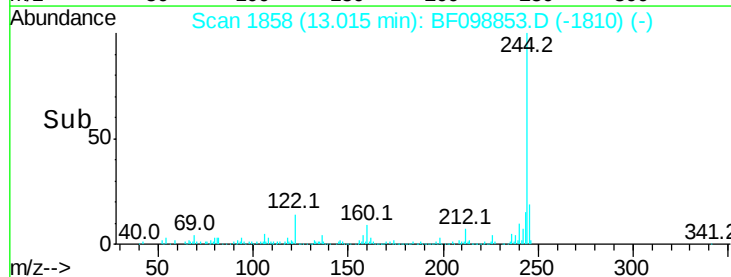
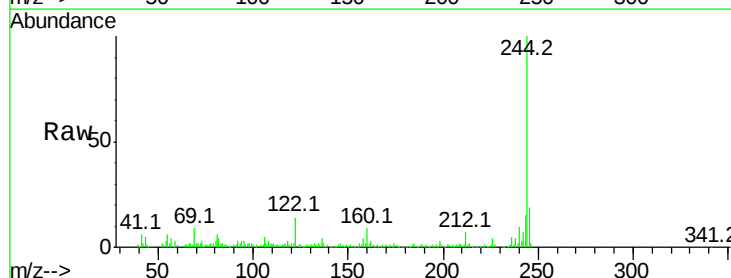
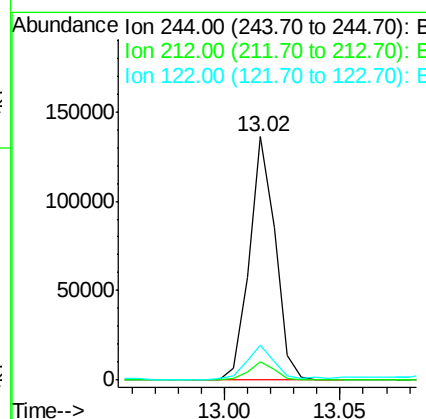
Manual Integrations
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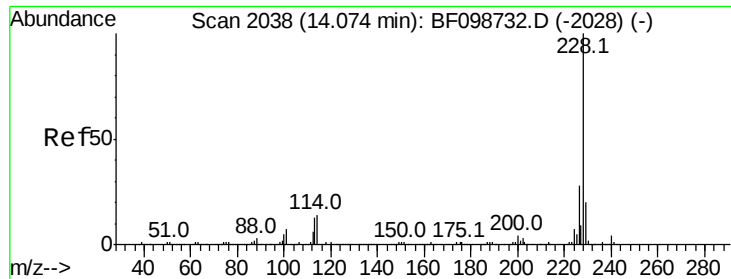
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#78
Terphenyl-d14
Concen: 9.332 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BF098853.D
Acq: 27 Sep 2017 10:33

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.4	8.0
122	14.2	11.0	16.4





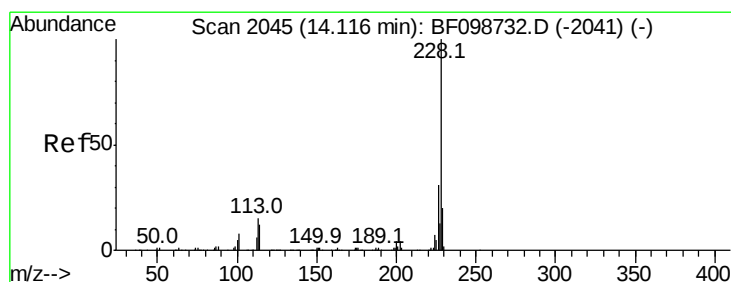
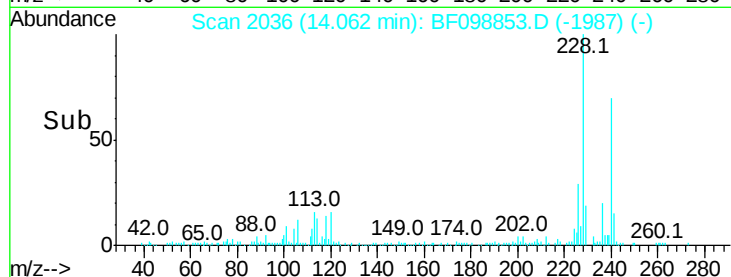
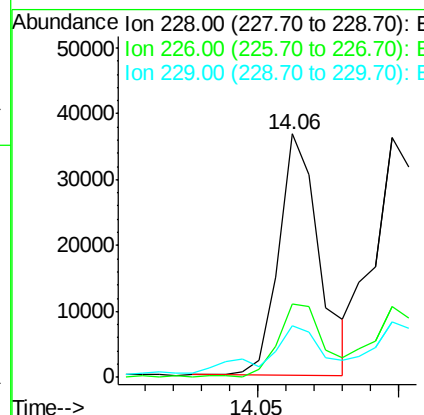
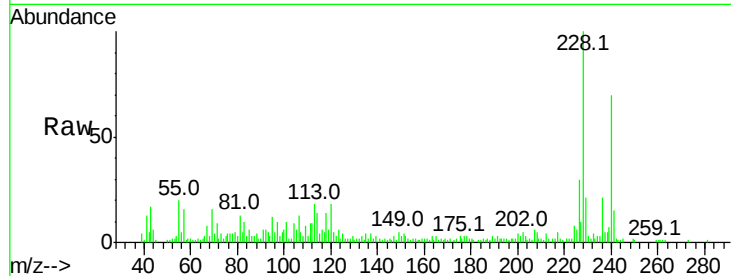
#80
Benzo(a)anthracene
Concen: 2.323 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF098853.D
Acq: 27 Sep 2017 10:33

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	21.0	15.8	23.6

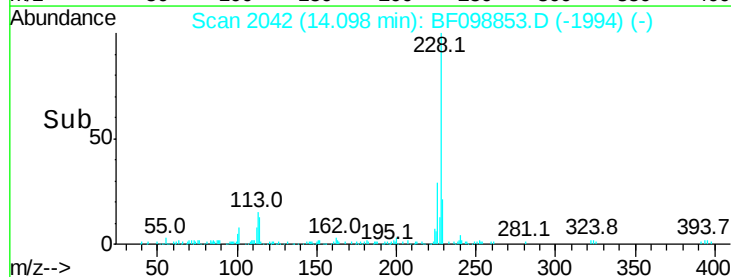
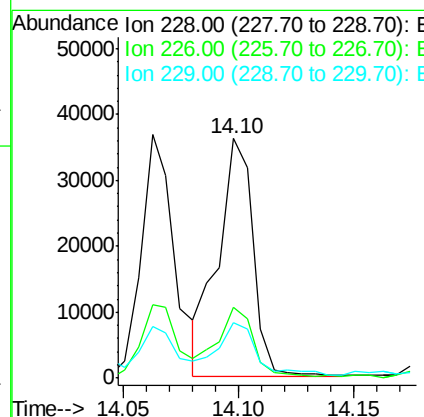
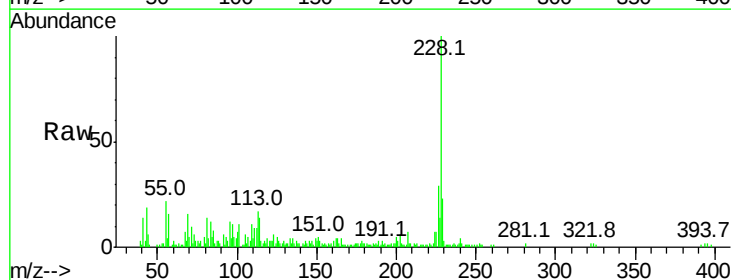
Manual Integrations
APPROVED

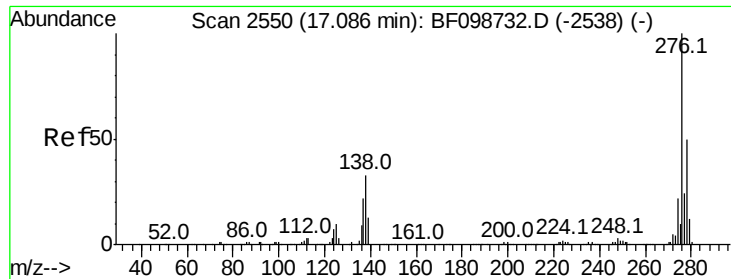
Sohil
9/28/2017 2:32:06 PM



#82
Chrysene
Concen: 2.549 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BF098853.D
Acq: 27 Sep 2017 10:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	23.1	16.2	24.4





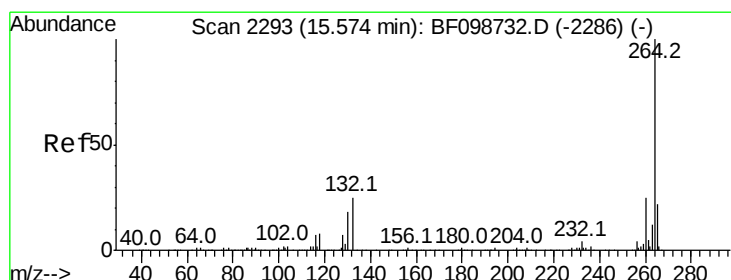
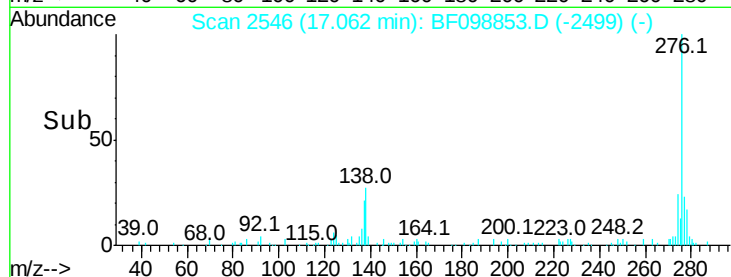
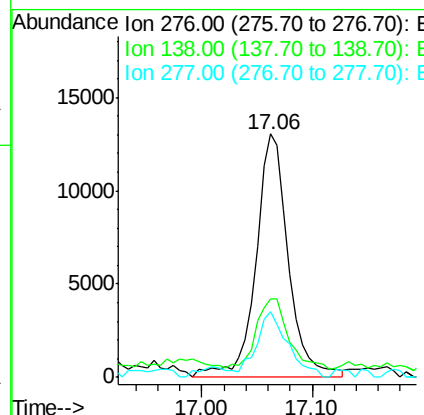
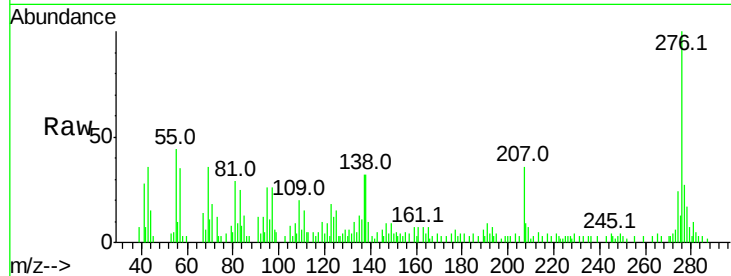
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.247 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.02 min
Lab File: BF098853.D
Acq: 27 Sep 2017 10:33

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

Tot Ion:	276	Resp:	26893
Ion Ratio	Lower	Upper	
276	100		
138	29.2	25.0	37.6
277	26.0	20.1	30.1

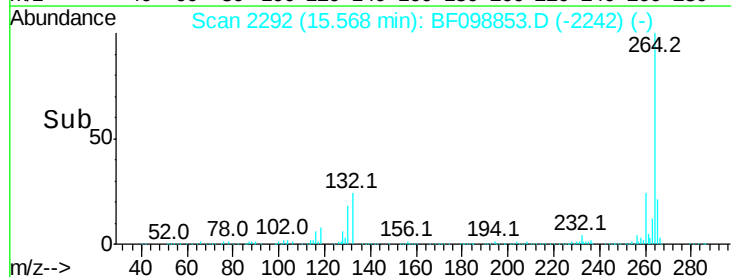
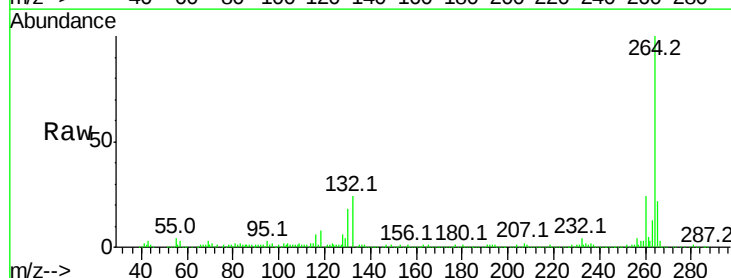
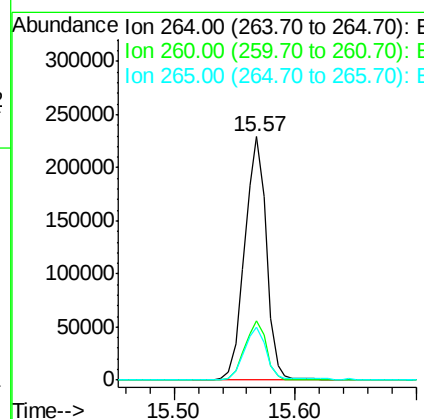
Manual Integrations
APPROVED

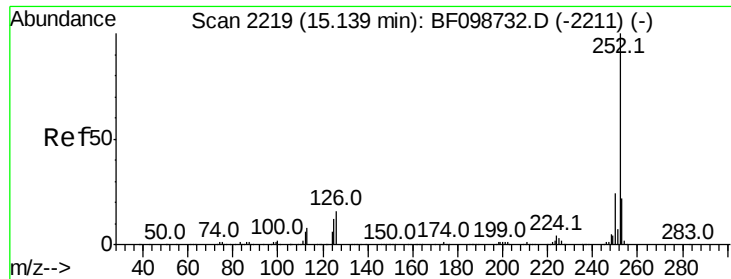
Sohil
9/28/2017 2:32:06 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098853.D
Acq: 27 Sep 2017 10:33

Tgt Ion:	264	Resp:	288856
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	21.5	17.5	26.3





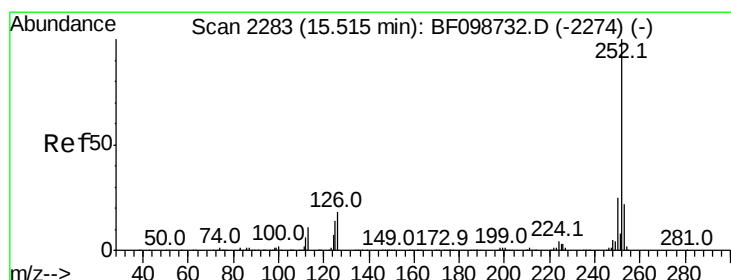
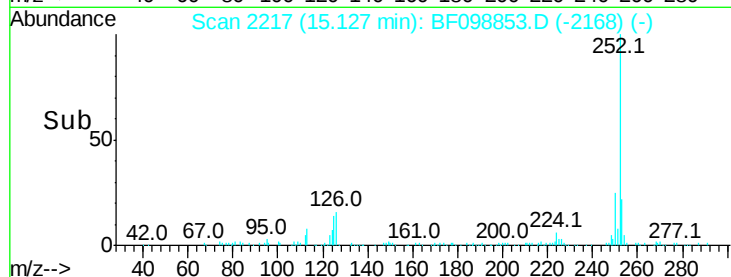
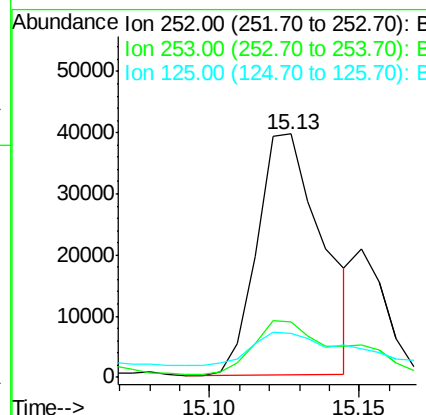
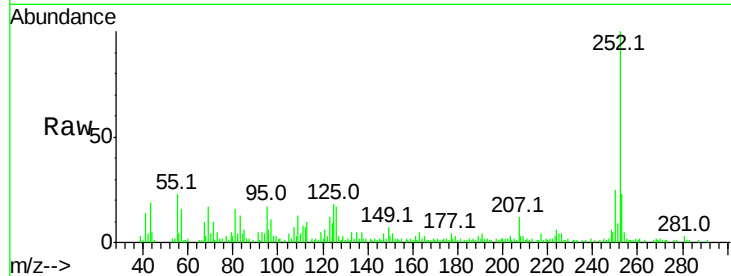
#87
Benzo(b)fluoranthene
Concen: 3.369 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098853.D
Acq: 27 Sep 2017 10:33

Instrument :
BNA_F
ClientSampled :
SP-3-C-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	17.8	9.0	13.6#

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:06 PM



#89
Benzo(a)pyrene
Concen: 2.034 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF098853.D
Acq: 27 Sep 2017 10:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	20.0	9.8	14.6#

