

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098805.D
 Acq On : 26 Sep 2017 1:49
 Operator : SJ/JU
 Sample : I5362-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2-A-COMP

Manual Integrations
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 9/26/2017 4:58:50 PM

Quant Time: Sep 26 07:54:35 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	148106	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	623705	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	279993	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	458462	20.00	ng	0.00
75) Chrysene-d12	14.07	240	264839	20.00	ng	-0.01
86) Perylene-d12	15.57	264	260577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	904938	97.27	ng	0.00
7) Phenol-d6	6.54	99	1107894	96.53	ng	0.00
23) Nitrobenzene-d5	7.47	82	680298	69.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	210485	91.87	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1167195	69.59	ng	-0.01
78) Terphenyl-d14	13.02	244	778976	66.89	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.55	94	31688	2.469	ng	91
49) Dimethylphthalate	9.66	163	173985	8.233	ng	100
70) Phenanthrene	11.46	178	144044	5.870	ng	98
74) Fluoranthene	12.65	202	261888	10.539	ng	99
77) Pyrene	12.88	202	256058	12.679	ng	99
80) Benzo(a)anthracene	14.06	228	121870	7.599	ng	96
82) Chrysene	14.10	228	115701	7.578	ng	96
85) Indeno(1,2,3-cd)pyrene	17.07	276	64204	5.257	ng	99
87) Benzo(b)fluoranthene	15.13	252	162755m	10.159	ng	
88) Benzo(k)fluoranthene	15.15	252	49543m	3.131	ng	
89) Benzo(a)pyrene	15.50	252	121511	8.262	ng	# 95
91) Benzo(a,h,i)perylene	17.53	276	60757	5.222	ng	95

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

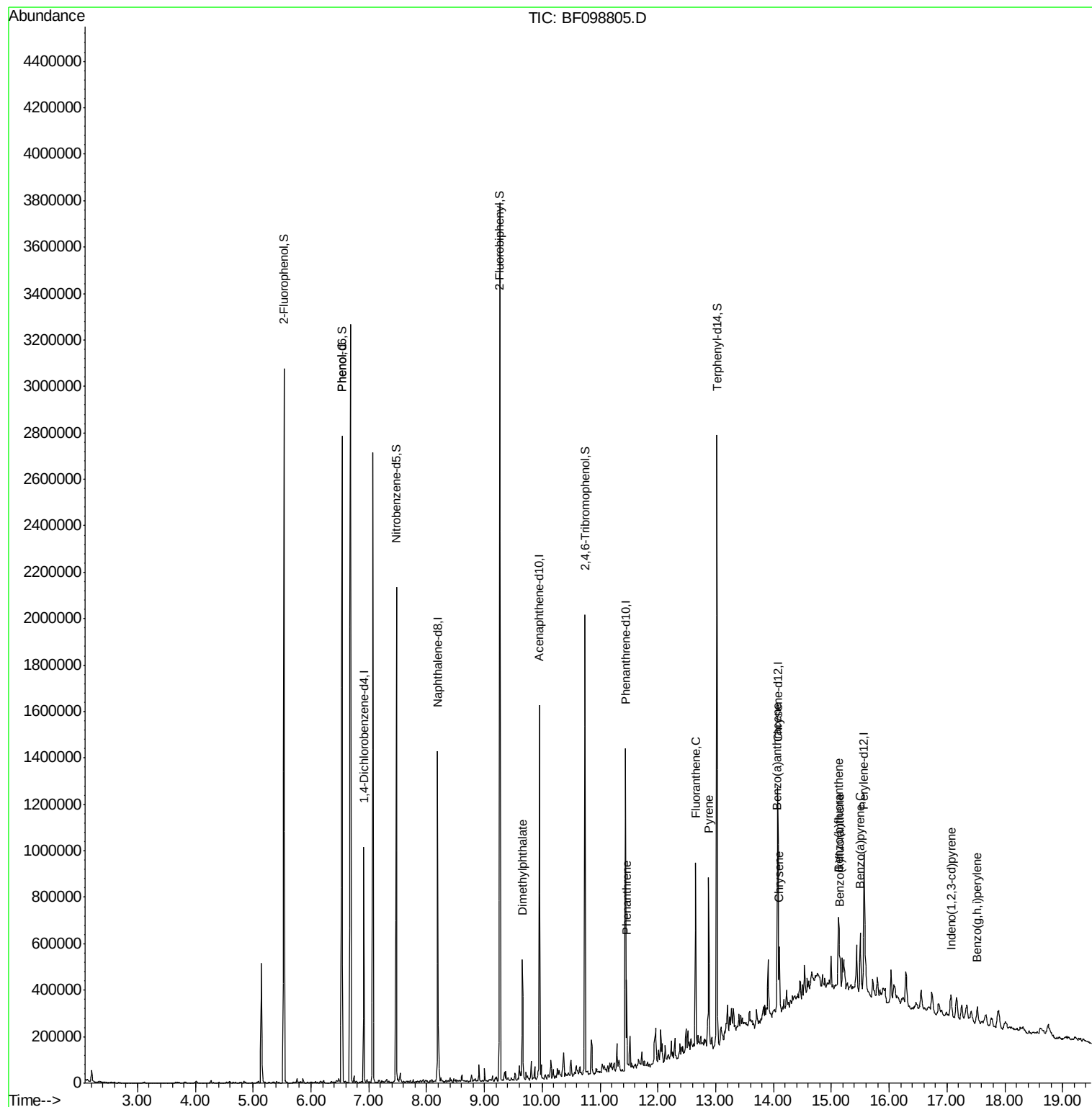
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
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Operator : SJ/JU
Sample : I5362-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

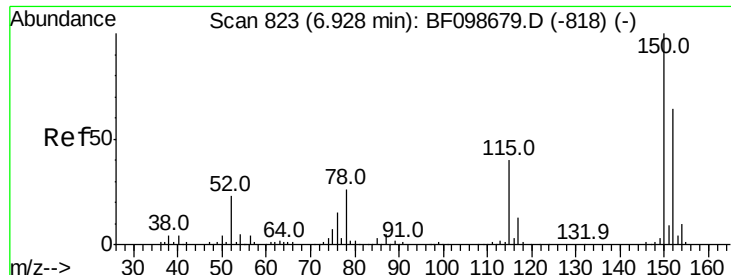
Instrument :
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#1

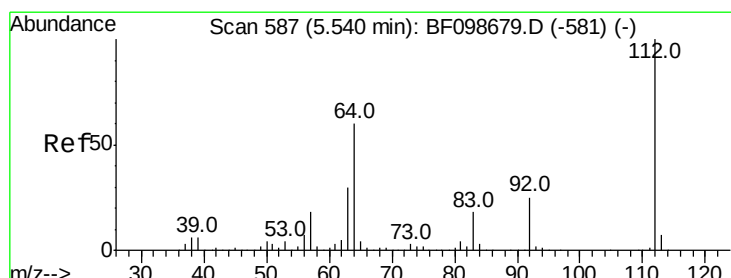
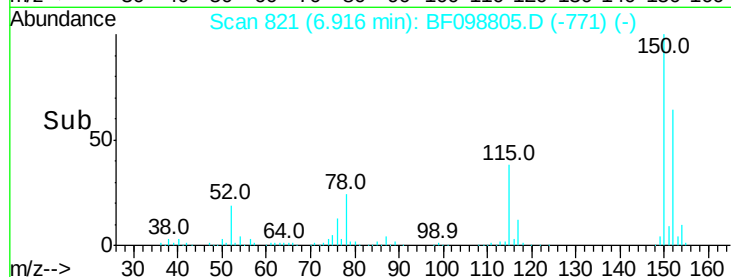
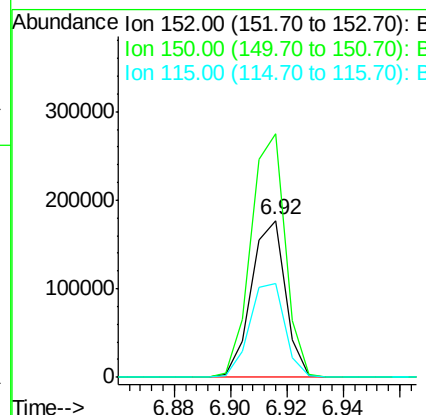
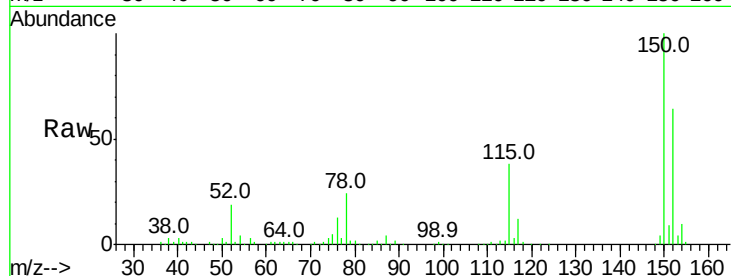
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098805.D
Acq: 26 Sep 2017 1:49

Instrument :
BNA_F
ClientSampleId :
SP-2-A-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	59.8	50.1	75.1

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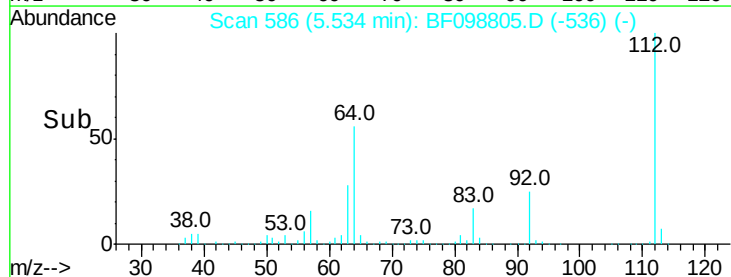
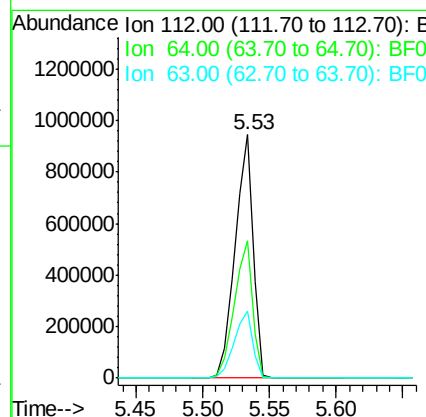
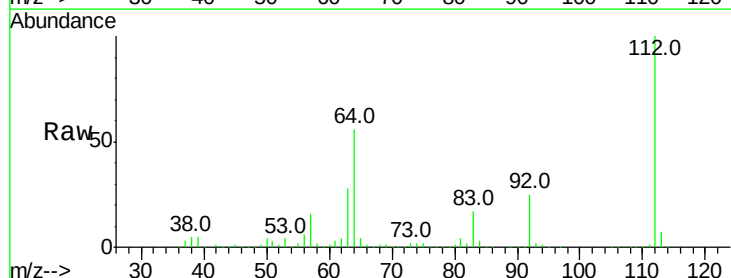
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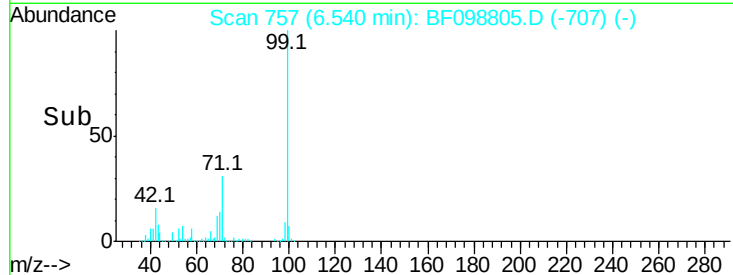
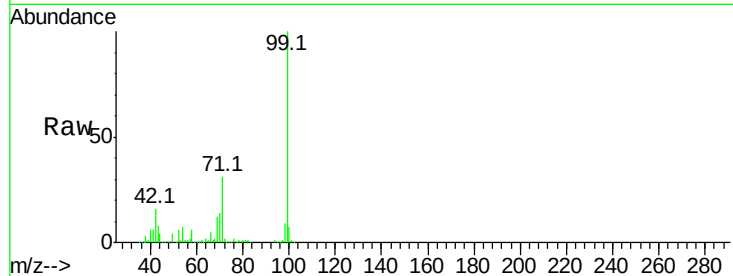
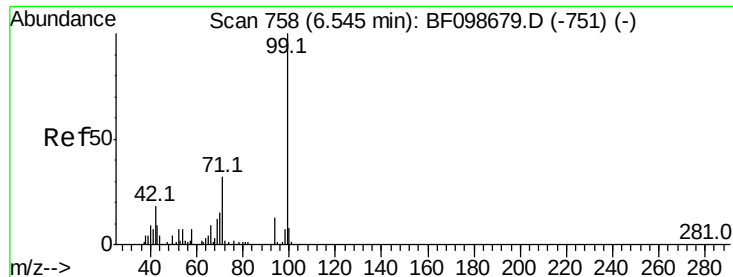


#5

2-Fluorophenol
Concen: 97.266 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098805.D
Acq: 26 Sep 2017 1:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	27.6	23.7	35.5





#7

Phenol-d6

Concen: 96.530 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098805.D

Acq: 26 Sep 2017 1:49

Tot Ion:	99	Resp:	1107894
Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	30.8	25.4	38.0

Instrument :

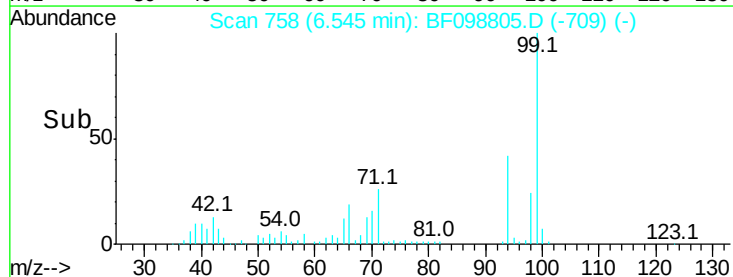
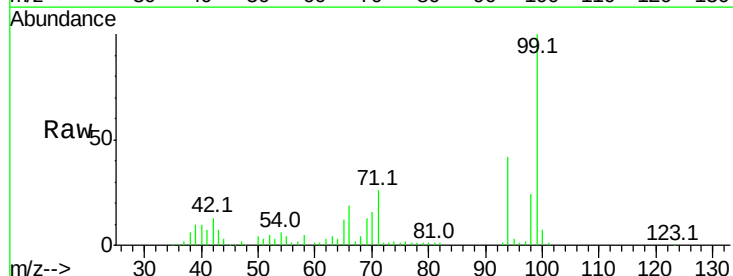
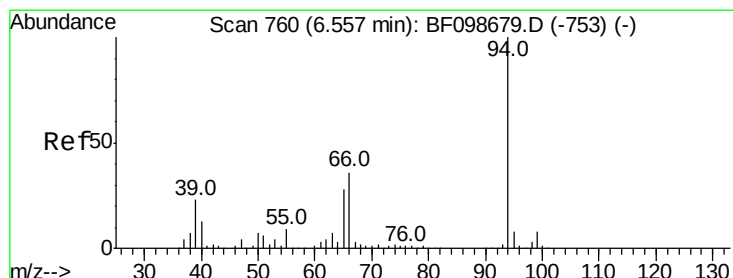
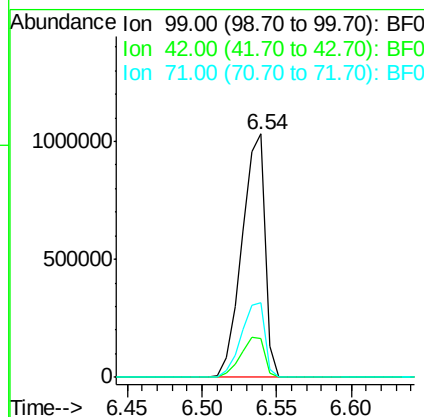
BNA_F

ClientSampleId :

SP-2-A-COMP

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#10

Phenol

Concen: 2.469 ng

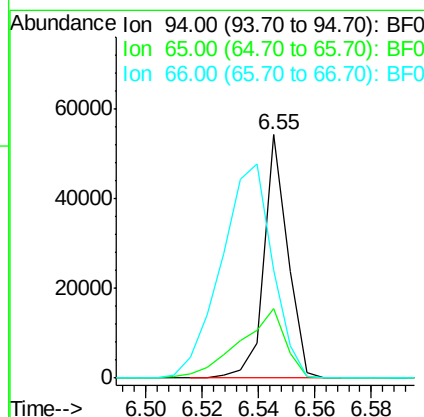
RT: 6.55 min Scan# 758

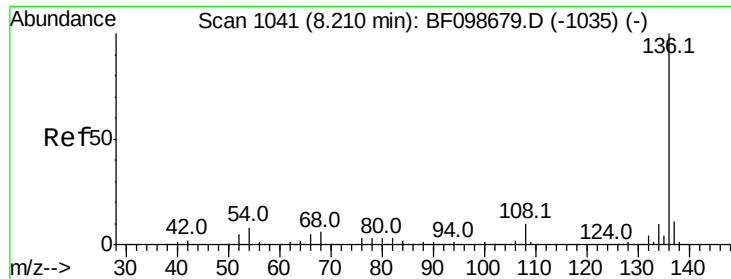
Delta R.T. -0.01 min

Lab File: BF098805.D

Acq: 26 Sep 2017 1:49

Tgt Ion:	94	Resp:	31688
Ion	Ratio	Lower	Upper
94	100		
65	28.7	7.9	47.9
66	44.5	16.2	56.2





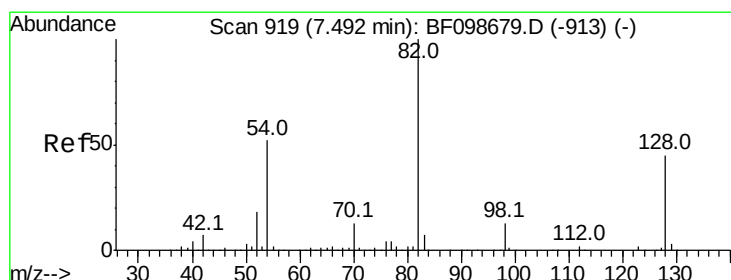
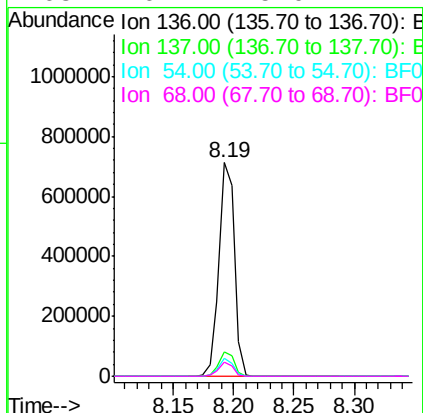
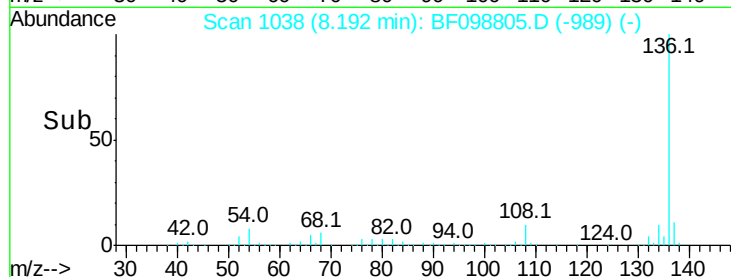
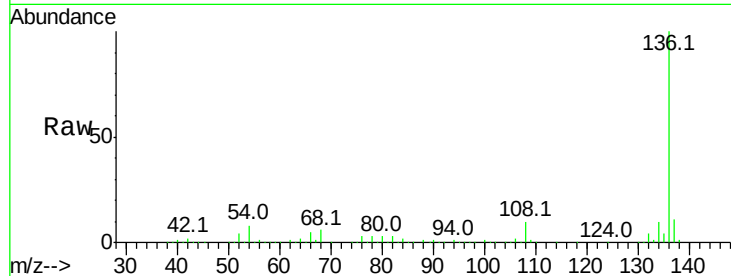
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098805.D
Acq: 26 Sep 2017 1:49

Instrument :
BNA_F
ClientSampled :
SP-2-A-COMP

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.5	6.6	9.8
68	6.4	5.0	7.4

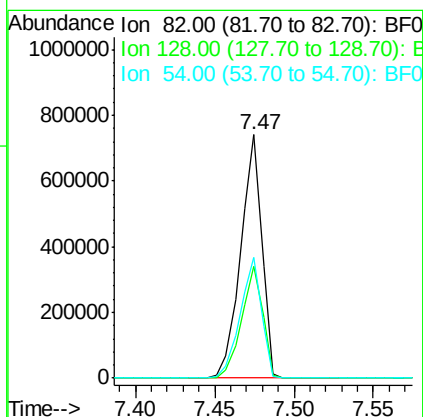
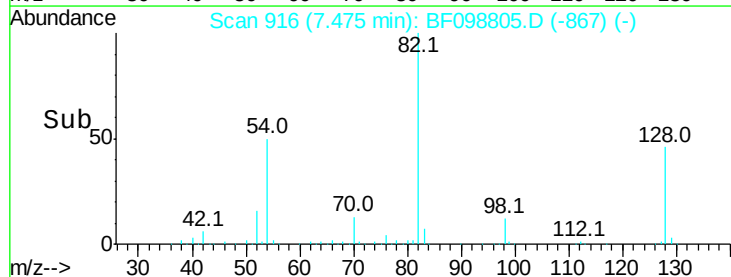
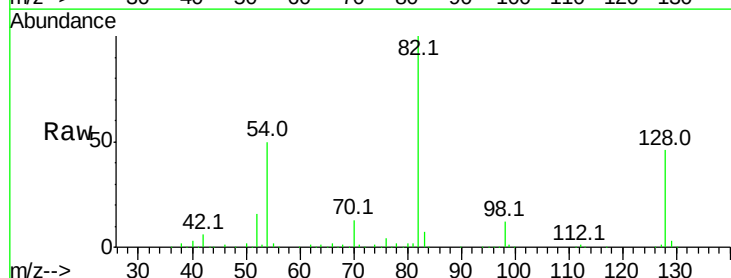
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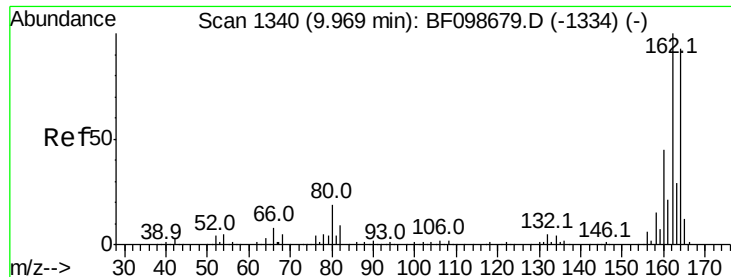
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#23
Nitrobenzene-d5
Concen: 69.949 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098805.D
Acq: 26 Sep 2017 1:49

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	46.0	36.1	54.1
54	49.5	41.4	62.2





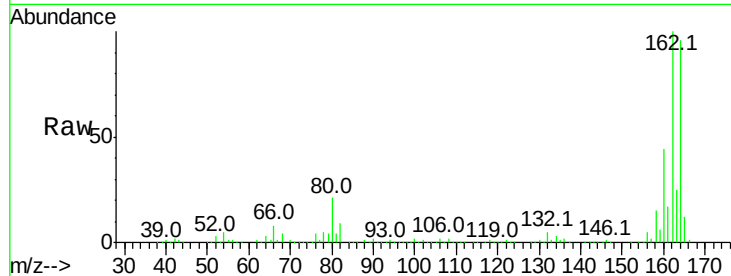
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098805.D
 Acq: 26 Sep 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-2-A-COMP

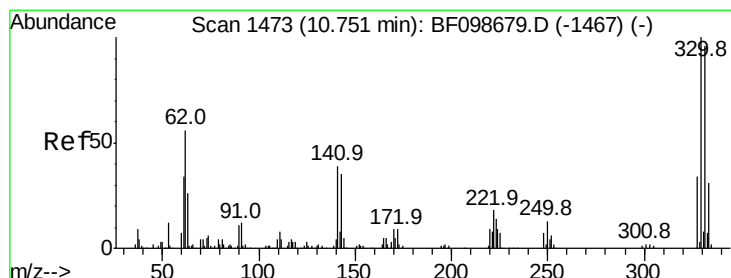
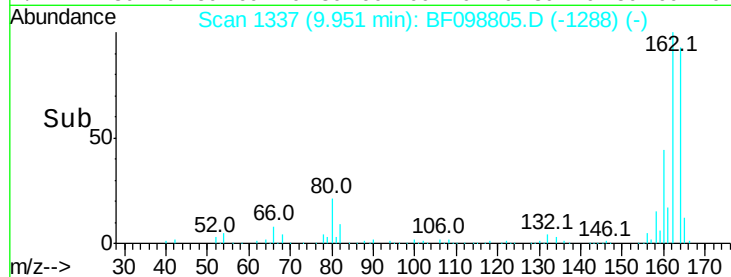
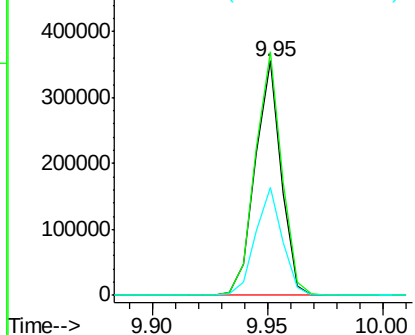
Tot Ion	Ratio	Resp	Lower	Upper
164	100	279993		
162	104.0	86.1	129.1	
160	45.9	38.3	57.5	

Manual Integrations
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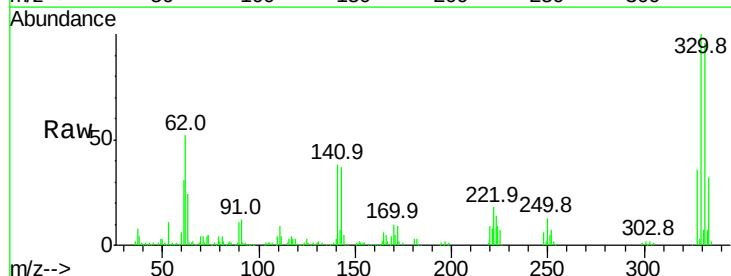


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

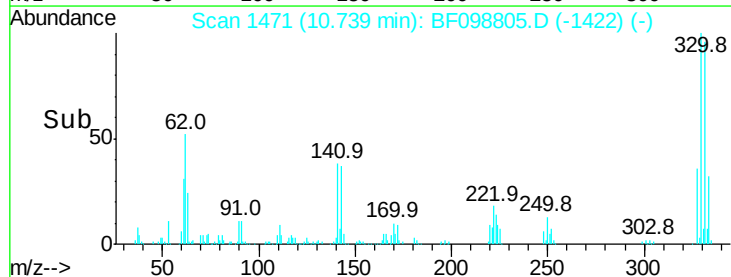
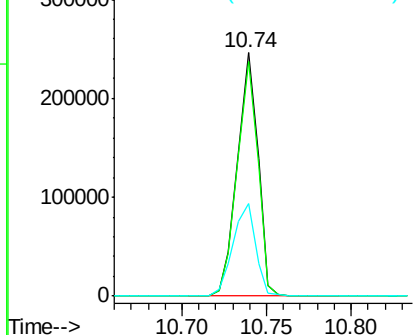


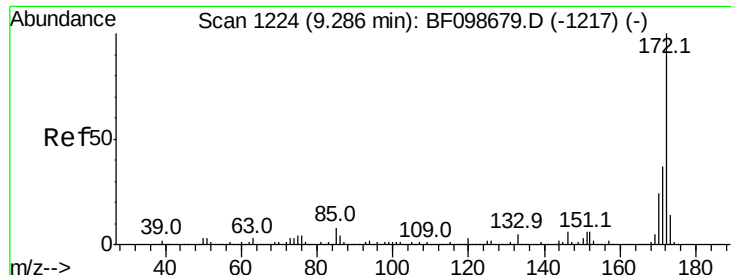
#41
 2,4,6-Tribromophenol
 Concen: 91.871 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098805.D
 Acq: 26 Sep 2017 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	210485		
332	96.6	77.0	115.6	
141	41.5	29.9	44.9	



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





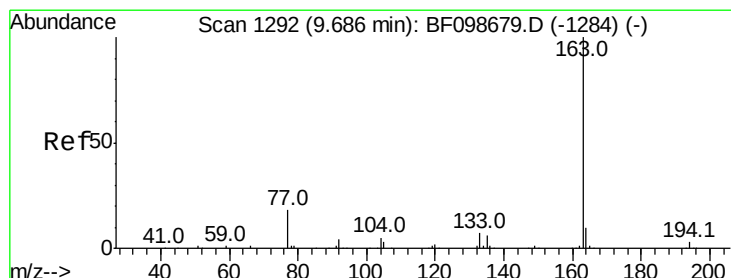
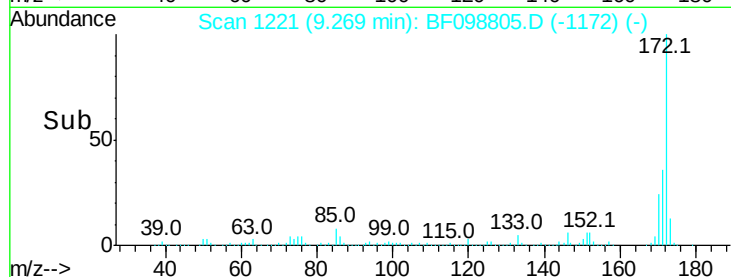
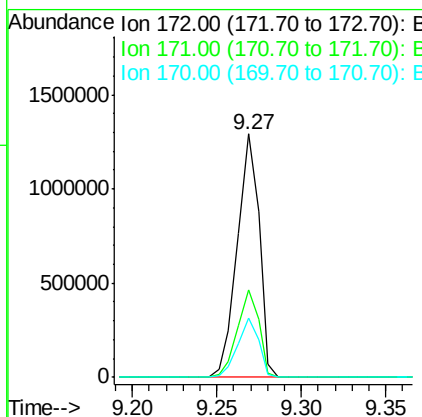
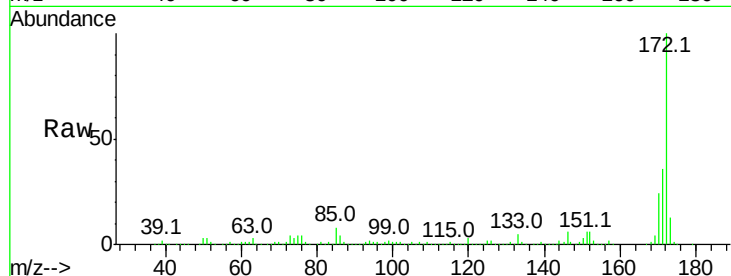
#44
2-Fluorobiphenyl
Concen: 69.592 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098805.D
Acq: 26 Sep 2017 1:49

Instrument :
BNA_F
ClientSampleId :
SP-2-A-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4

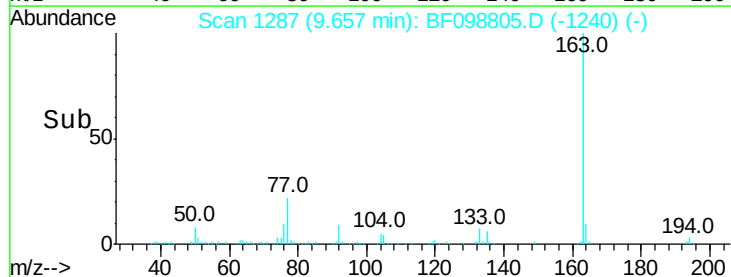
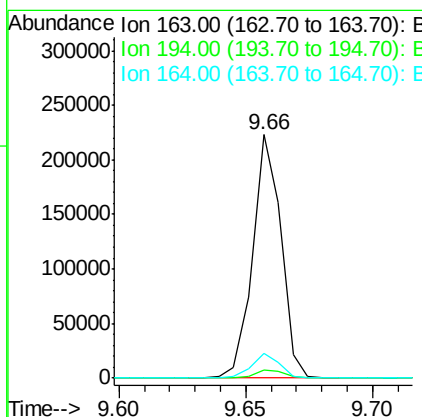
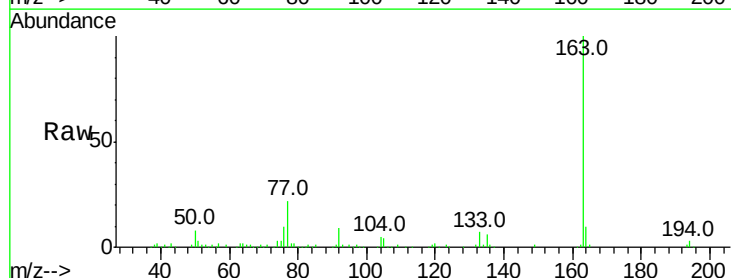
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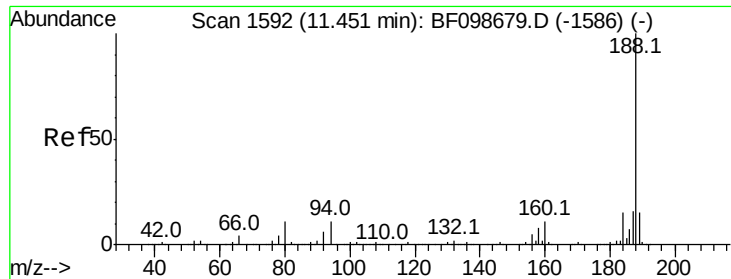
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#49
Dimethylphthalate
Concen: 8.233 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098805.D
Acq: 26 Sep 2017 1:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.1	8.2	12.2





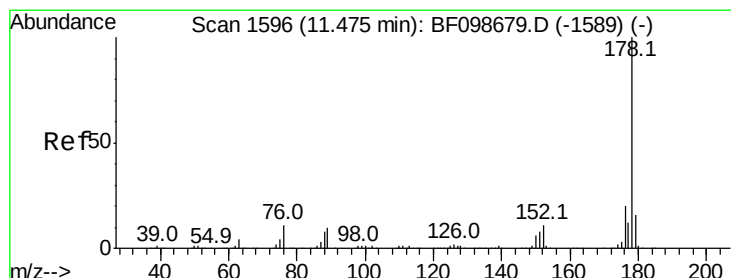
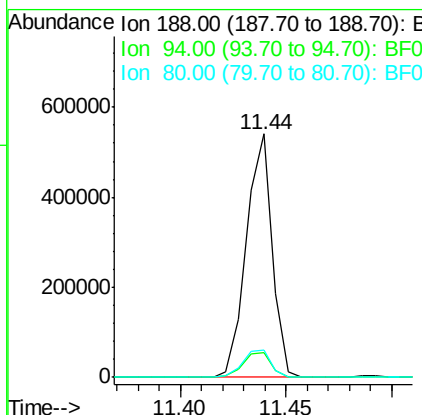
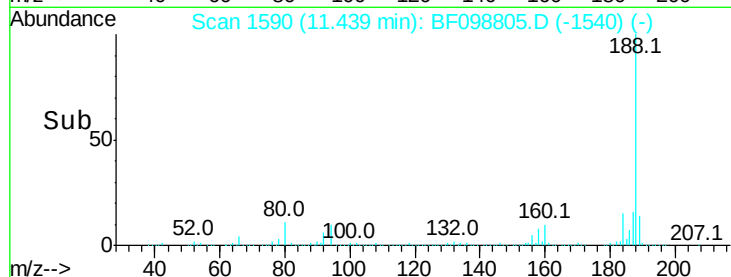
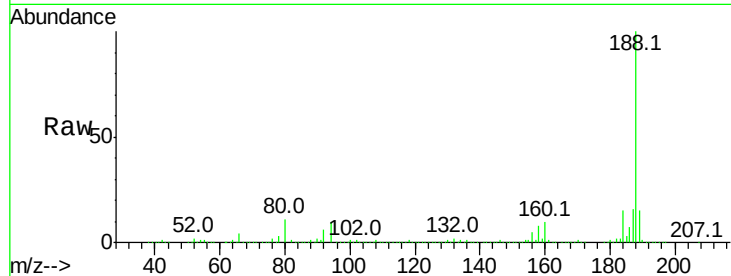
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098805.D
Acq: 26 Sep 2017 1:49

Instrument :
BNA_F
ClientSampleId :
SP-2-A-COMP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.0	9.2	13.8

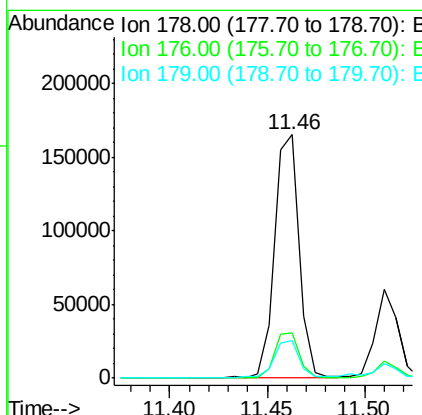
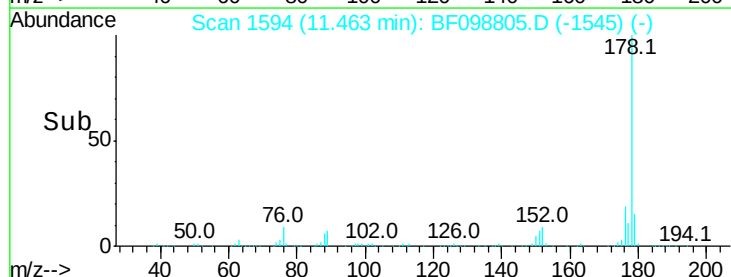
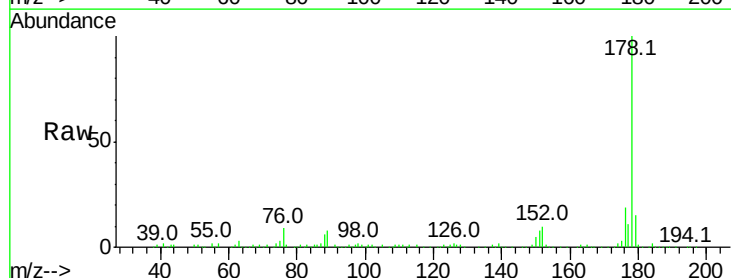
Manual Integrations
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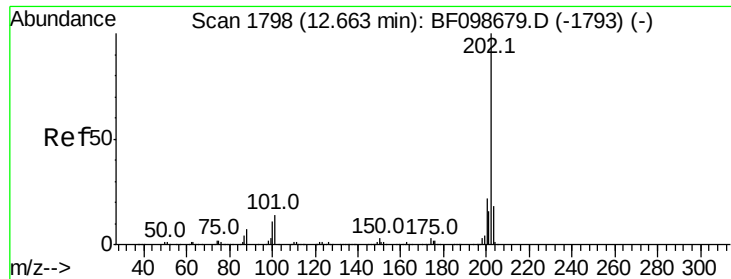
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#70
Phenanthrene
Concen: 5.870 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098805.D
Acq: 26 Sep 2017 1:49

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.4	13.0	19.6





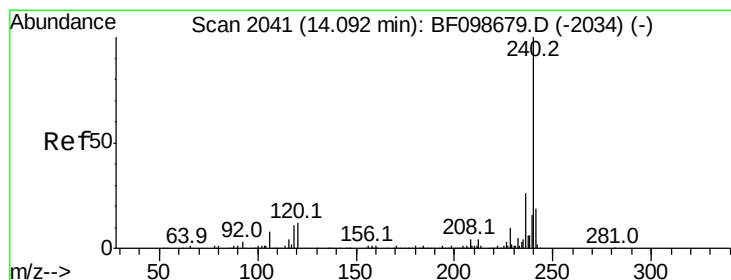
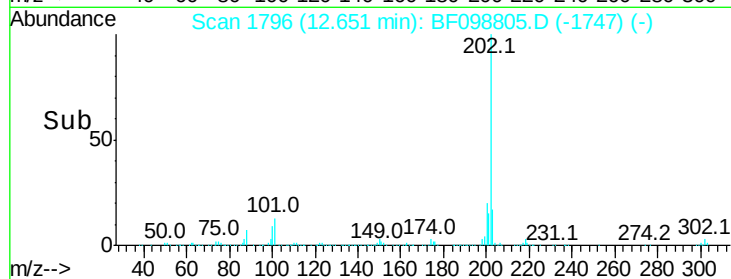
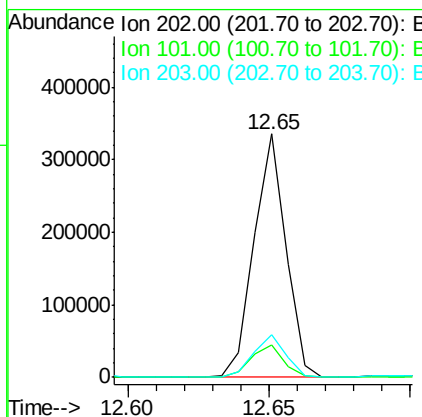
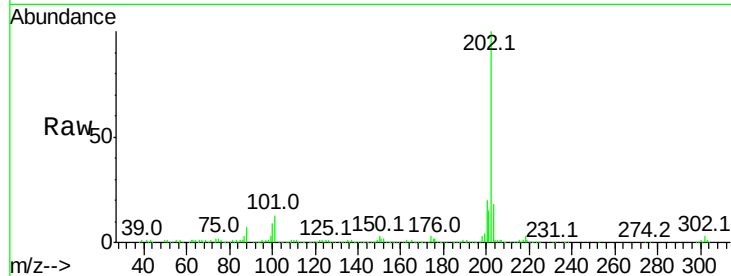
#74
Fluoranthene
Concen: 10.539 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF098805.D
Acq: 26 Sep 2017 1:49

Instrument :
BNA_F
ClientSampled :
SP-2-A-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.5	0.0	34.1
203	17.6	0.0	38.1

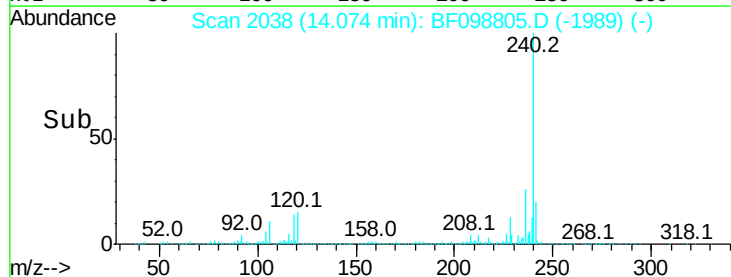
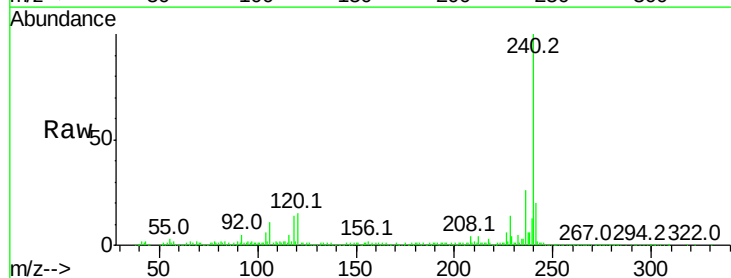
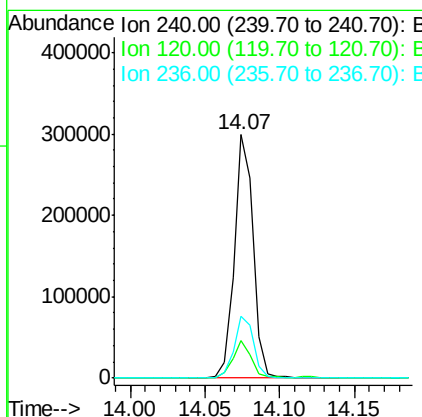
Manual Integrations
APPROVED

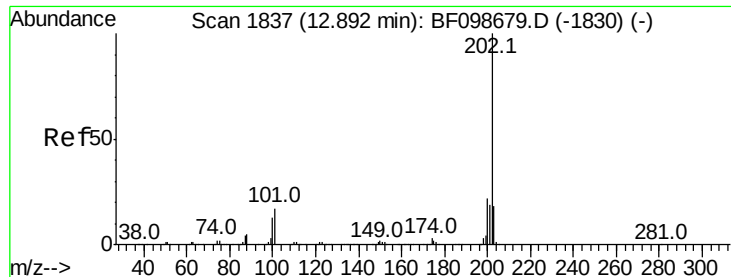
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098805.D
Acq: 26 Sep 2017 1:49

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	25.6	20.7	31.1





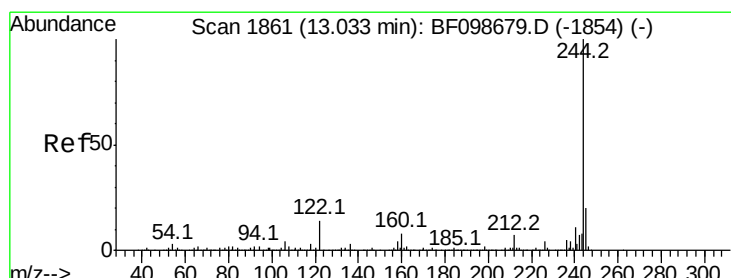
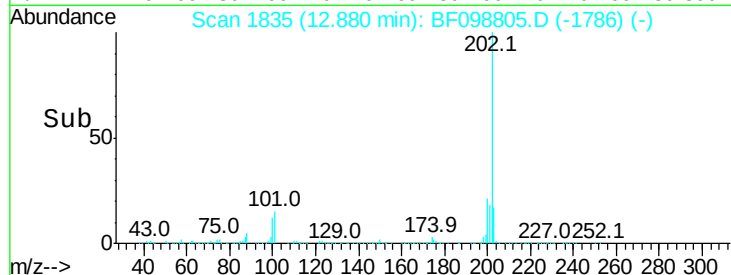
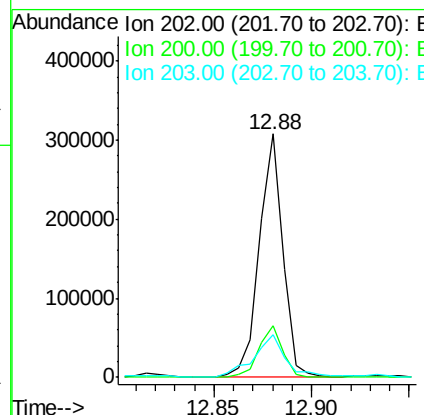
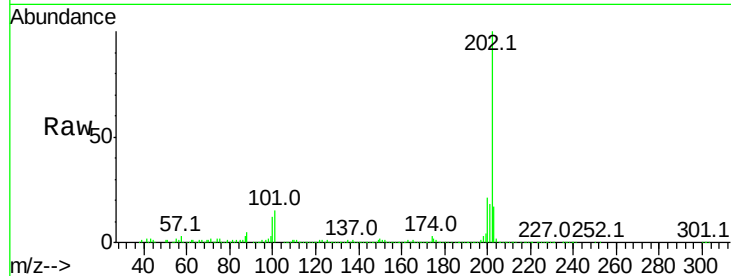
#77
Pvrene
Concen: 12.679 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF098805.D
Acq: 26 Sep 2017 1:49

Instrument :
BNA_F
ClientSampleId :
SP-2-A-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.5	14.3	21.5

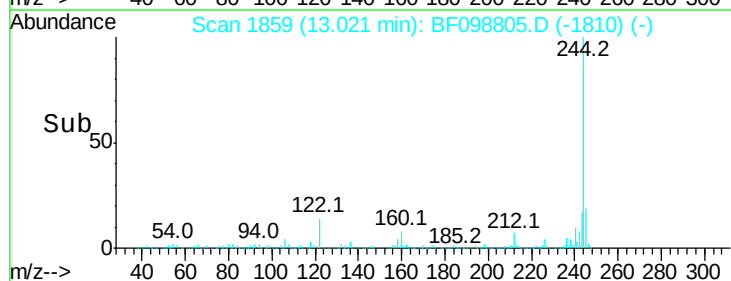
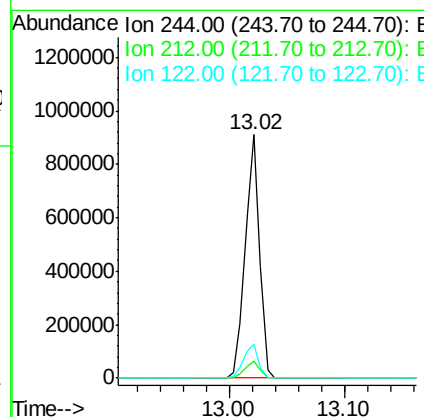
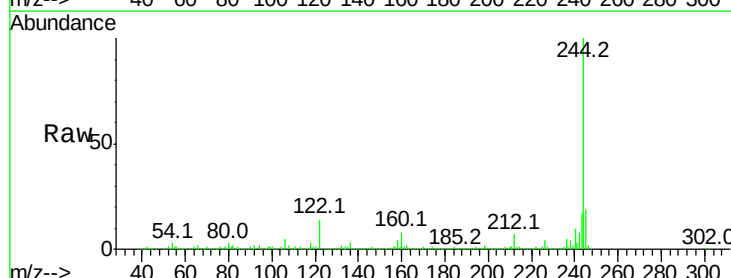
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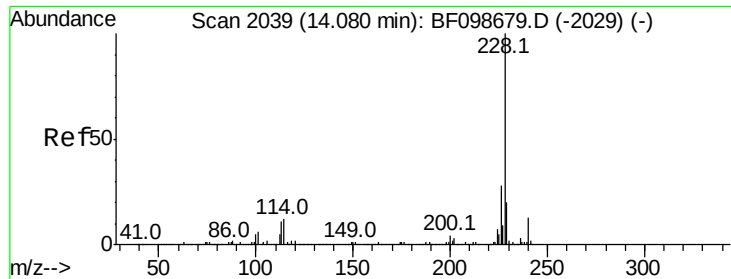
Sohil
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#78
Terphenyl-d14
Concen: 66.892 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF098805.D
Acq: 26 Sep 2017 1:49

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.8	11.0	16.4





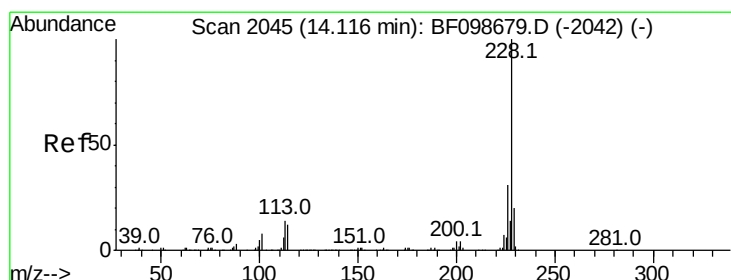
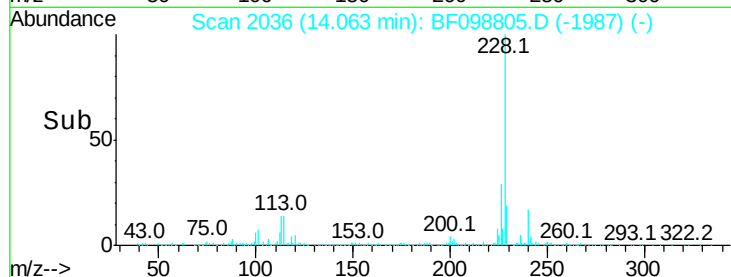
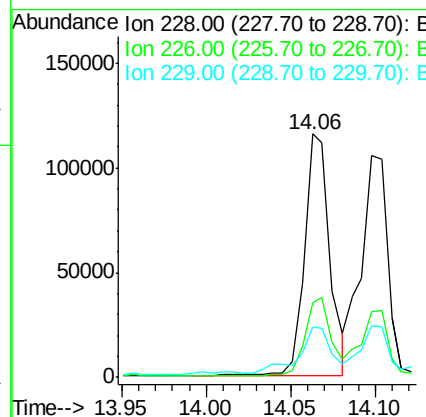
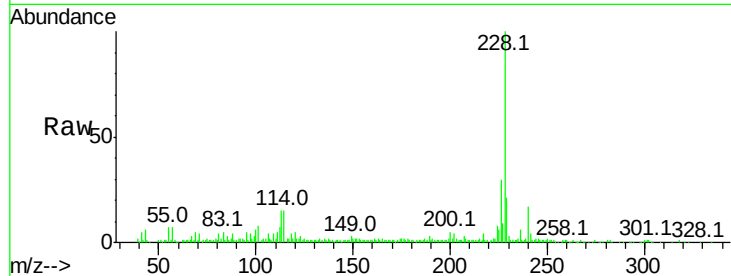
#80
Benzo(a)anthracene
Concen: 7.599 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF098805.D
Acq: 26 Sep 2017 1:49

Instrument :
BNA_F
ClientSampled :
SP-2-A-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	20.9	15.8	23.6

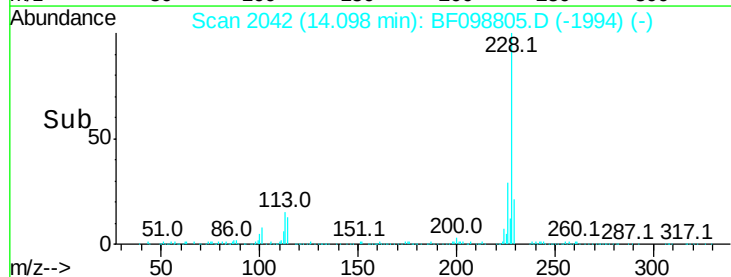
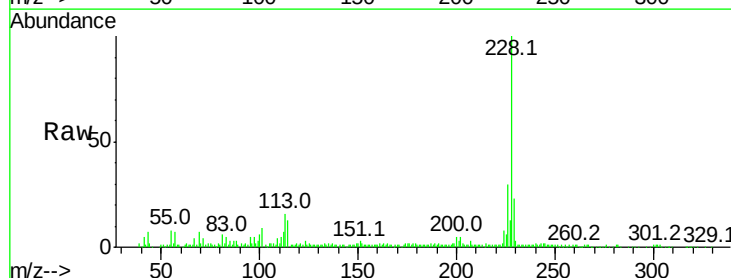
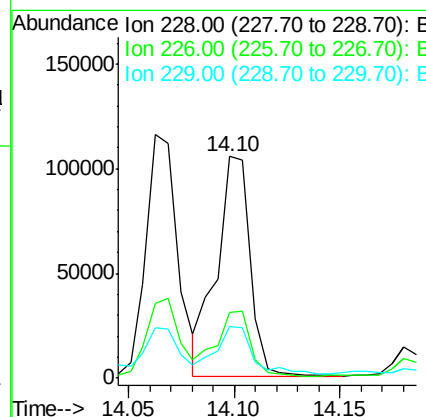
Manual Integrations
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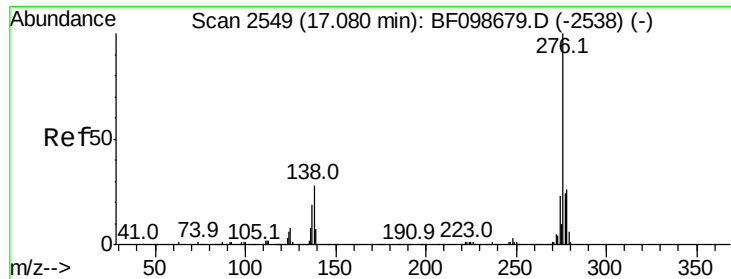
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#82
Chrysene
Concen: 7.578 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BF098805.D
Acq: 26 Sep 2017 1:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	23.1	16.2	24.4





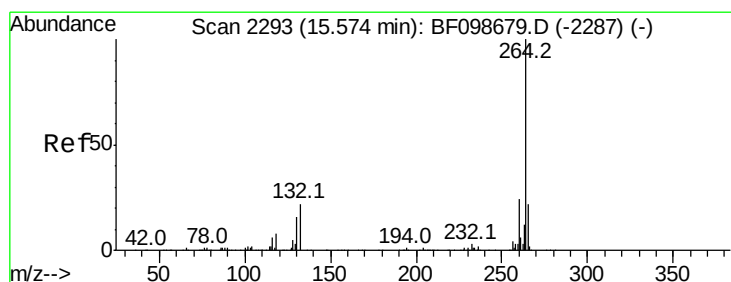
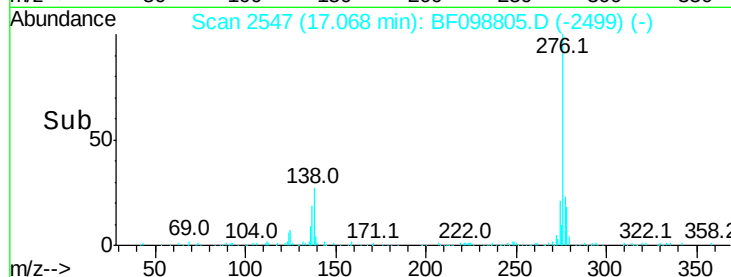
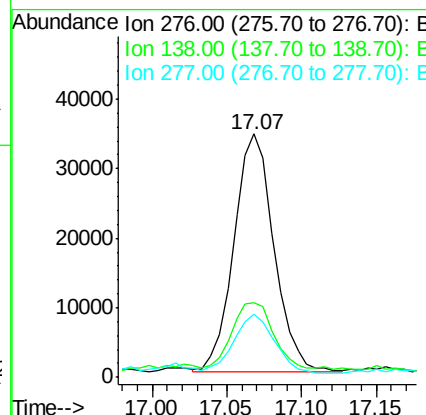
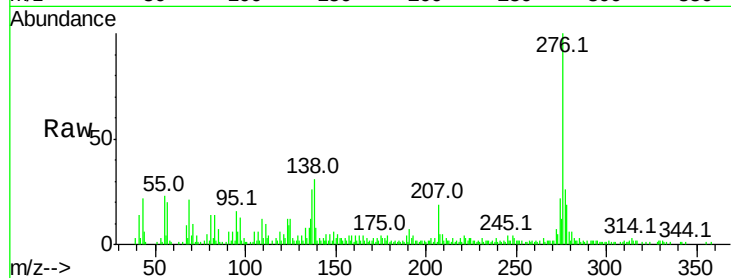
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.257 ng
 RT: 17.07 min Scan# 2547
 Delta R.T. -0.02 min
 Lab File: BF098805.D
 Acq: 26 Sep 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-2-A-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.7	25.0	37.6
277	25.0	20.1	30.1

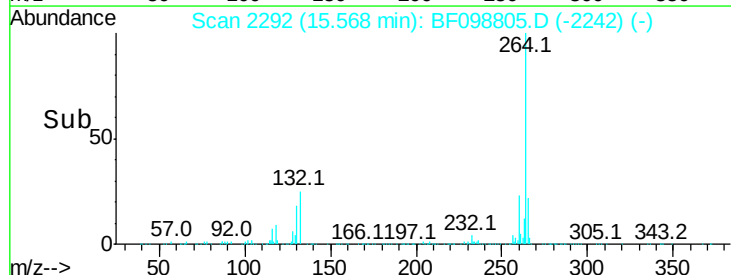
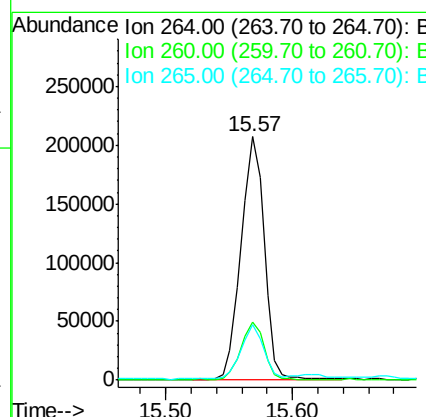
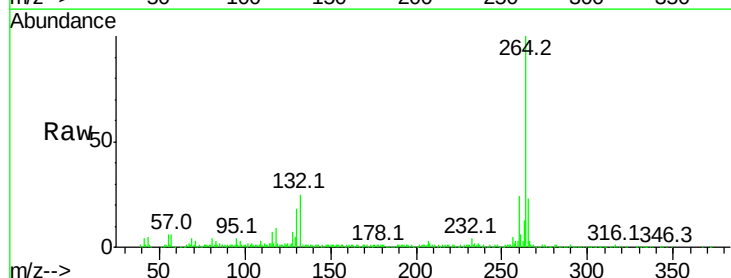
Manual Integrations
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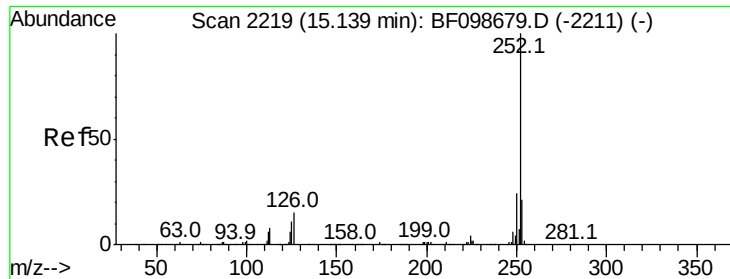
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098805.D
 Acq: 26 Sep 2017 1:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 10.159 ng m

RT: 15.13 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF098805.D

Acq: 26 Sep 2017 1:49

Instrument :

BNA_F

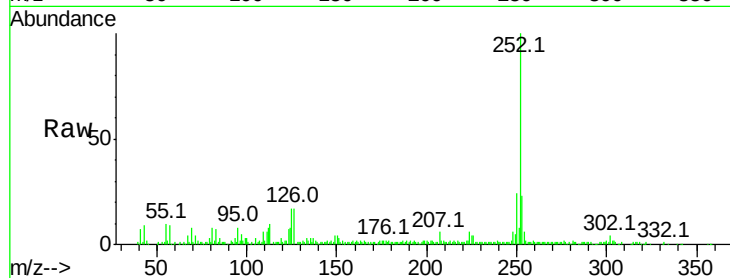
ClientSampleId :

SP-2-A-COMP

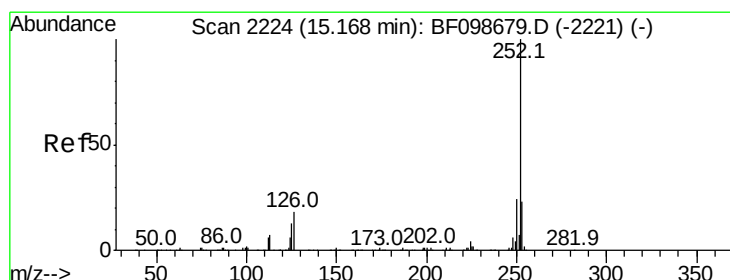
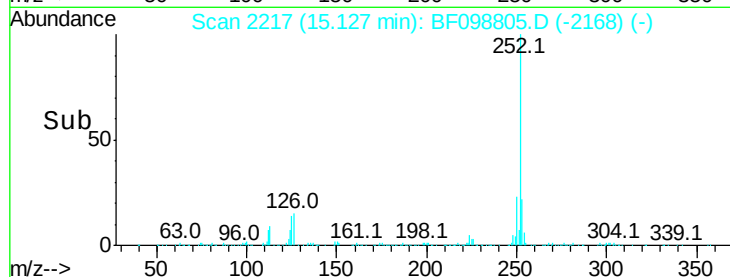
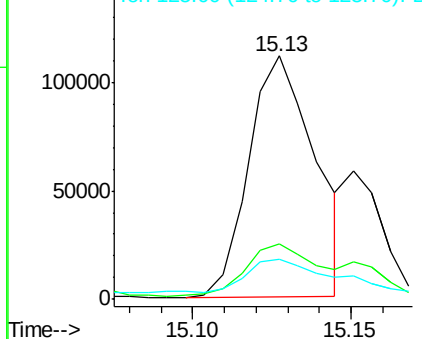
Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		162755		
253	22.6	17.0	25.6		
125	16.7	9.0	13.6#		

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.131 ng m

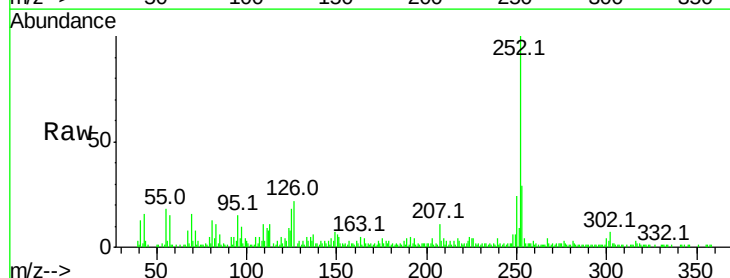
RT: 15.15 min Scan# 2221

Delta R.T. -0.02 min

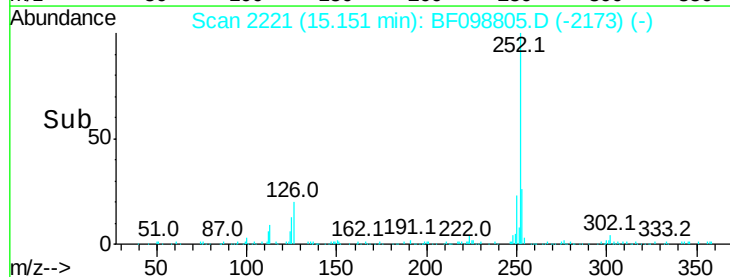
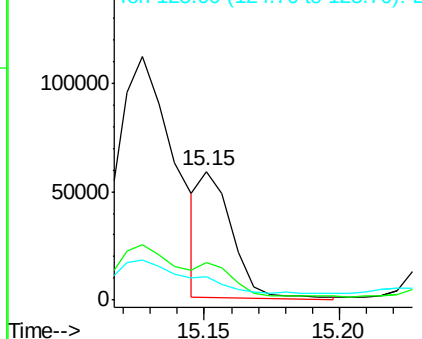
Lab File: BF098805.D

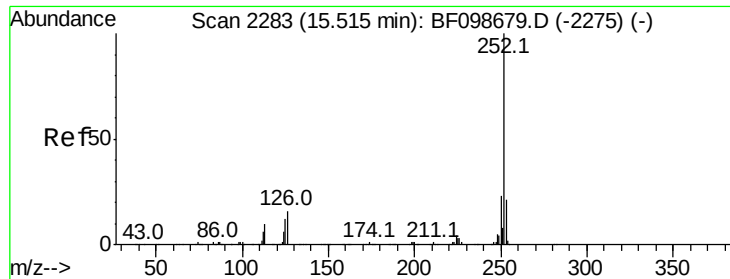
Acq: 26 Sep 2017 1:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		49543		
253	29.0	17.9	26.9#		
125	18.4	10.2	15.2#		



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





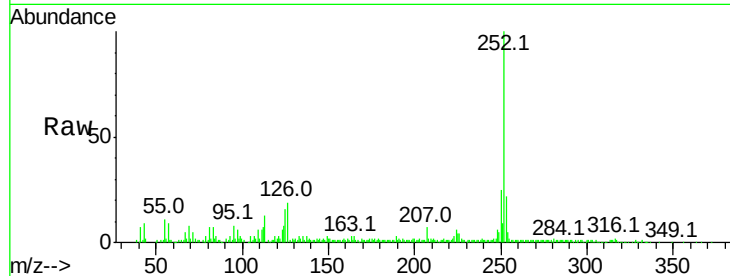
#89
Benzo(a)pyrene
Concen: 8.262 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098805.D
Acq: 26 Sep 2017 1:49

Instrument :
BNA_F
ClientSampled :
SP-2-A-COMP

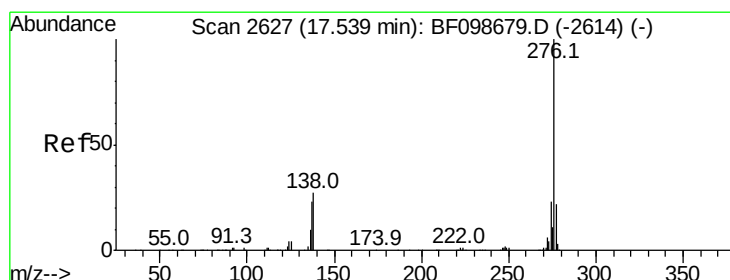
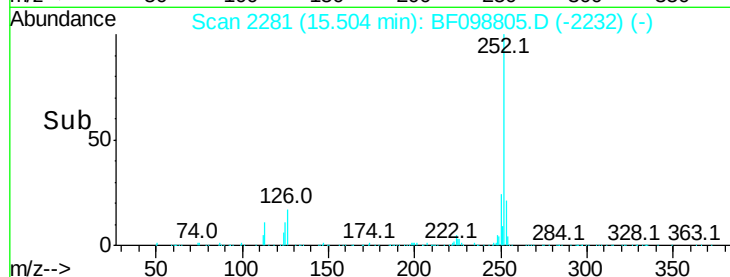
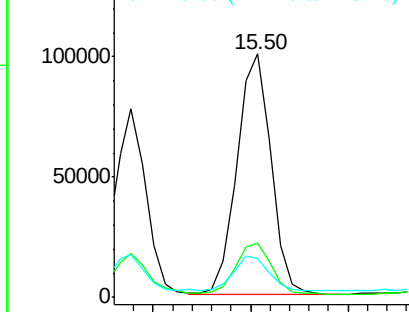
Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	17.1	25.7
125	15.8	9.8	14.6

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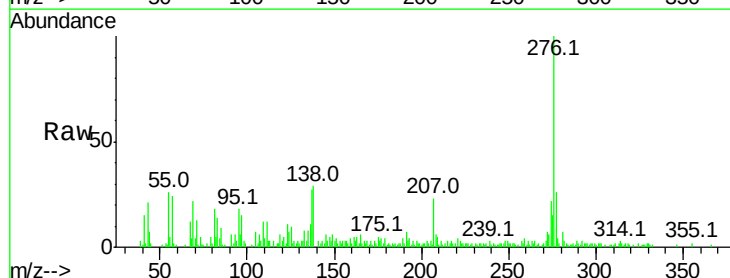


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 5.222 ng
RT: 17.53 min Scan# 2625
Delta R.T. -0.02 min
Lab File: BF098805.D
Acq: 26 Sep 2017 1:49

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	25.7	17.9	26.9
138	29.1	21.8	32.8



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

