

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098806.D
 Acq On : 26 Sep 2017 2:17
 Operator : SJ/JU
 Sample : I5362-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 9/26/2017 4:58:52 PM

Quant Time: Sep 26 07:59:30 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	160919	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	672605	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	300744	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	476086	20.00	ng	0.00
75) Chrysene-d12	14.08	240	293497	20.00	ng	0.00
86) Perylene-d12	15.57	264	280476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1019996	100.90	ng	0.00
7) Phenol-d6	6.54	99	1260243	101.06	ng	0.00
23) Nitrobenzene-d5	7.47	82	777048	74.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	238551	96.94	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1297225	72.01	ng	0.00
78) Terphenyl-d14	13.02	244	859974	66.64	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.55	94	36015	2.582	ng	96
49) Dimethylphthalate	9.66	163	215524	9.495	ng	98
70) Phenanthrene	11.46	178	161550	6.339	ng	97
71) Anthracene	11.51	178	61893	2.374	ng	99
74) Fluoranthene	12.65	202	301218	11.673	ng	99
77) Pyrene	12.88	202	298504	13.338	ng	99
80) Benzo(a)anthracene	14.07	228	135963	7.650	ng	92
82) Chrysene	14.10	228	139009	8.216	ng	97
85) Indeno(1,2,3-cd)pyrene	17.07	276	68461	5.058	ng	100
87) Benzo(b)fluoranthene	15.13	252	175536m	10.179	ng	
88) Benzo(k)fluoranthene	15.16	252	62321m	3.659	ng	
89) Benzo(a)pyrene	15.50	252	131706	8.320	ng	# 94
91) Benzo(a,h,i)perylene	17.53	276	66176	5.285	ng	90

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

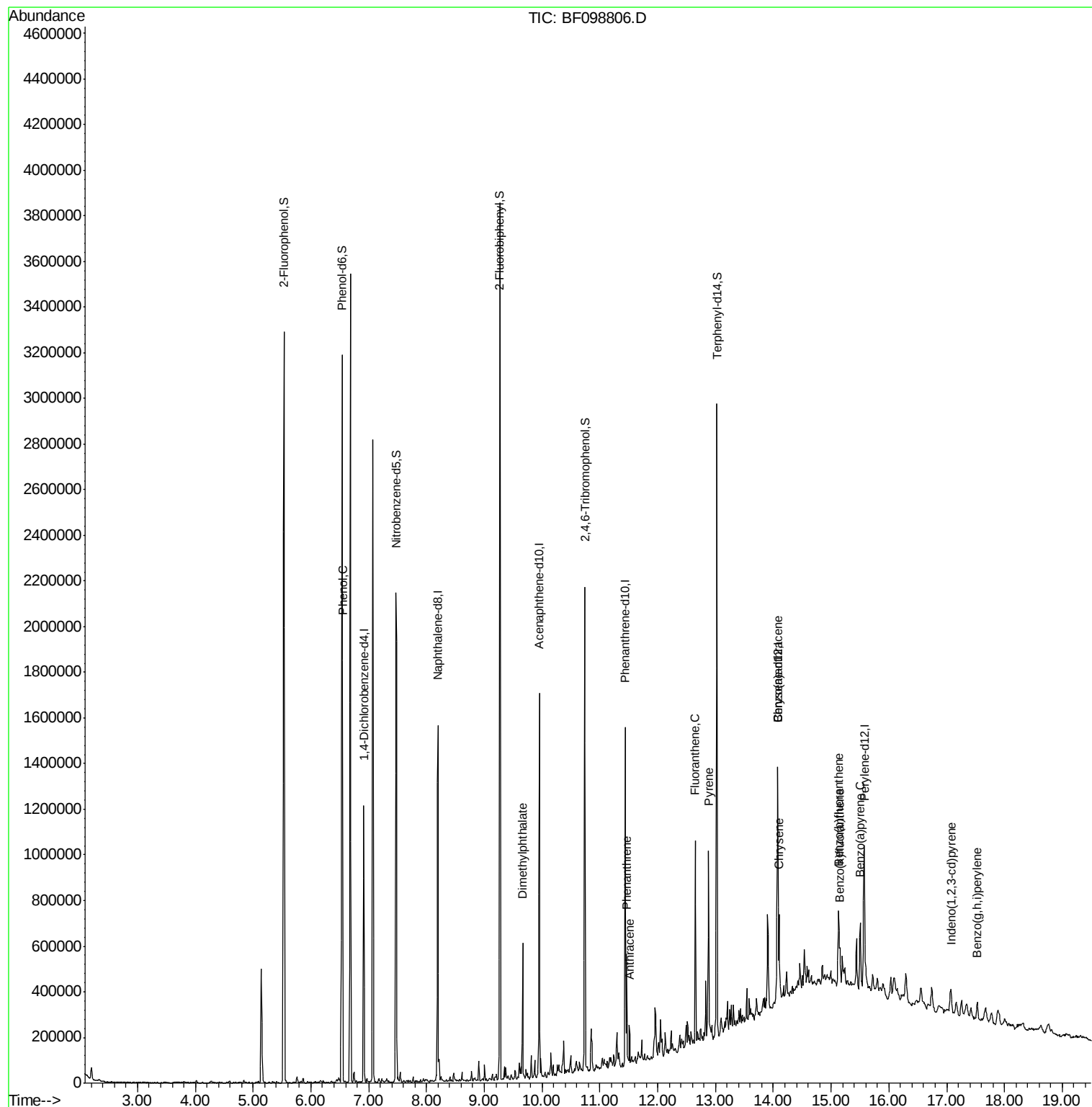
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
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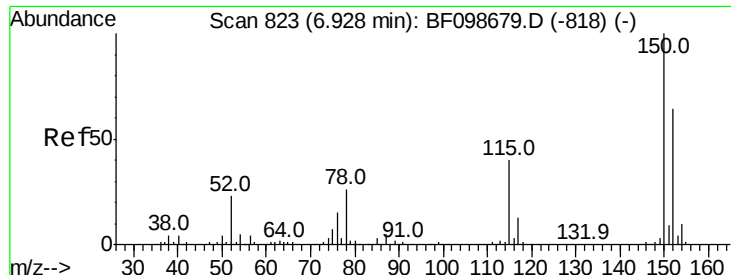
Instrument :
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#1

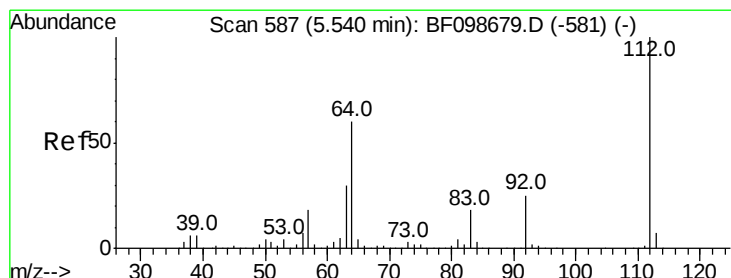
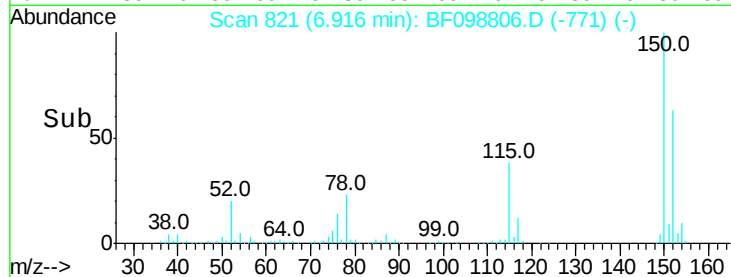
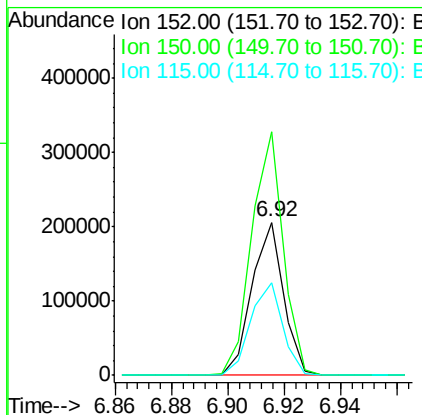
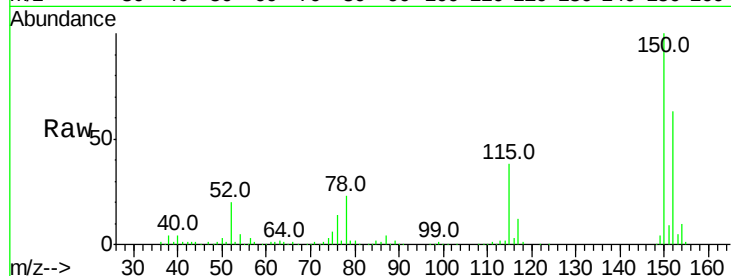
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	60.2	50.1	75.1

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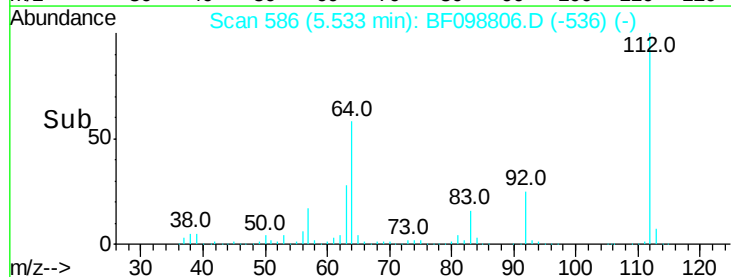
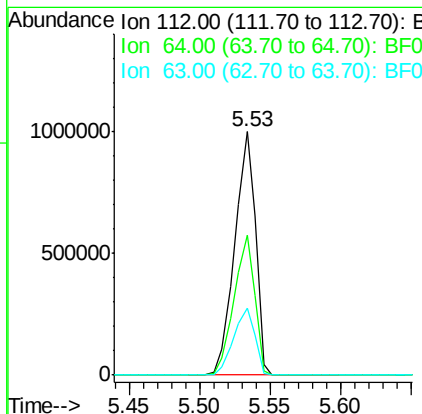
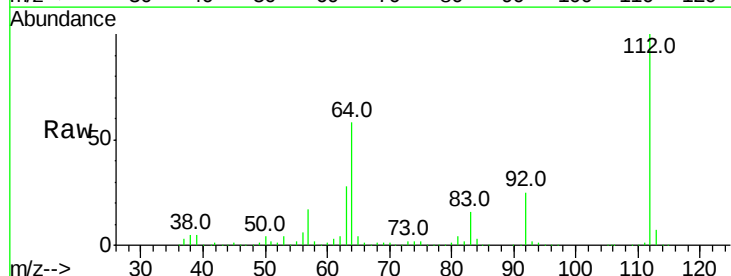
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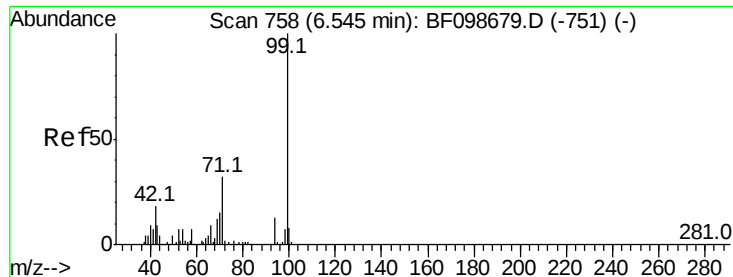


#5

2-Fluorophenol
Concen: 100.904 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	27.7	23.7	35.5





#7

Phenol-d6

Concen: 101.061 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098806.D

Acq: 26 Sep 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SP-2-B-COMP

Tot Ion: 99 Resp: 1260243

Ion Ratio Lower Upper

99 100

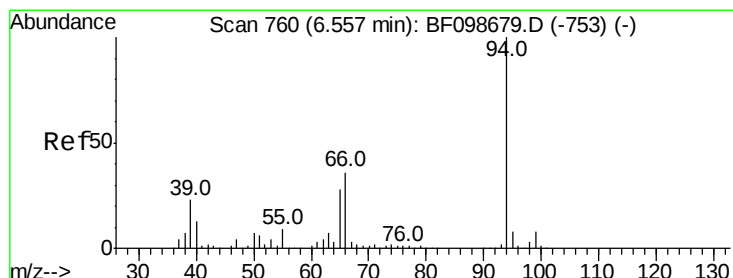
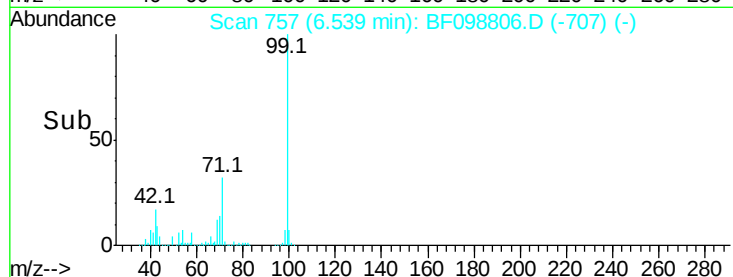
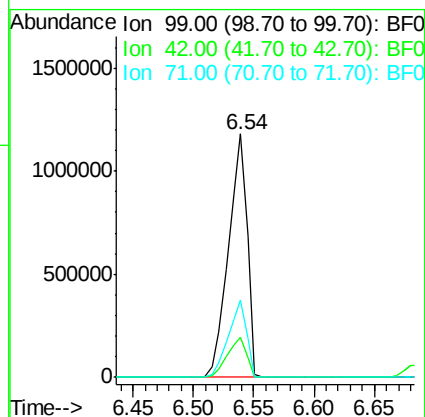
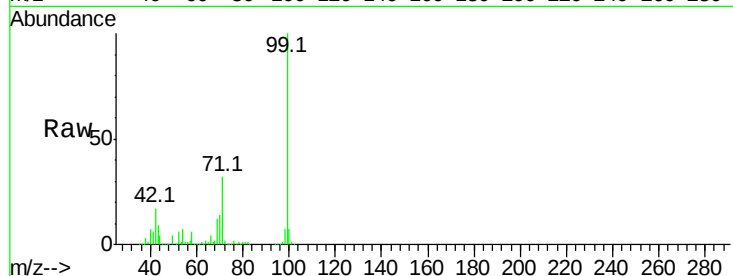
42 16.7 14.5 21.7

71 31.7 25.4 38.0

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#10

Phenol

Concen: 2.582 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098806.D

Acq: 26 Sep 2017 2:17

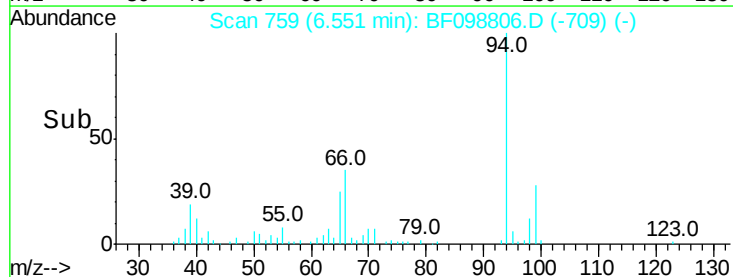
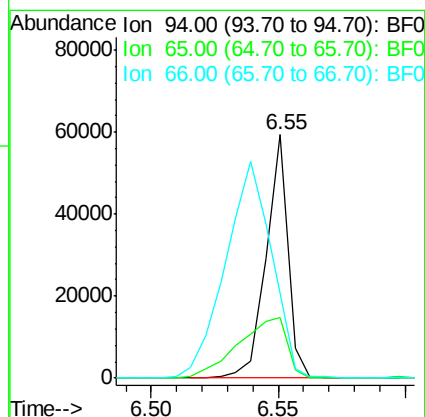
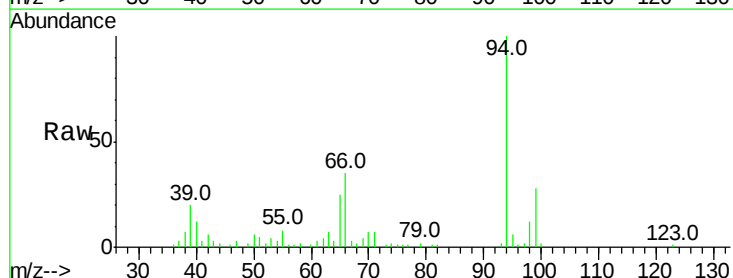
Tgt Ion: 94 Resp: 36015

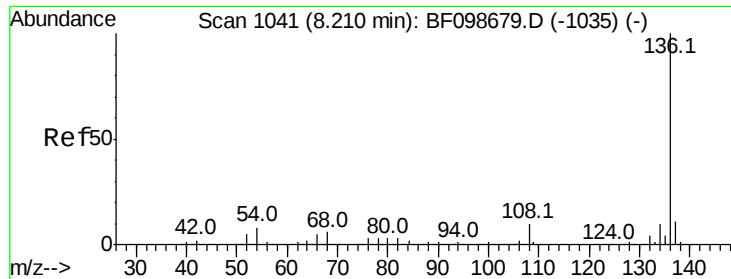
Ion Ratio Lower Upper

94 100

65 24.7 7.9 47.9

66 34.8 16.2 56.2





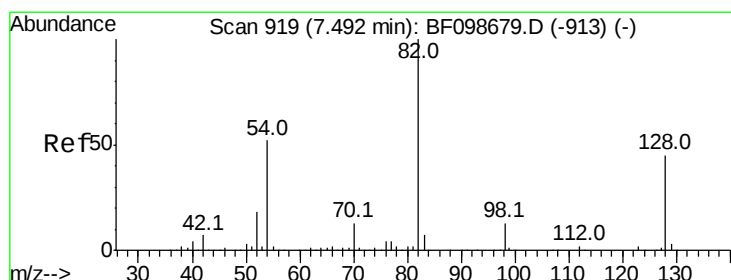
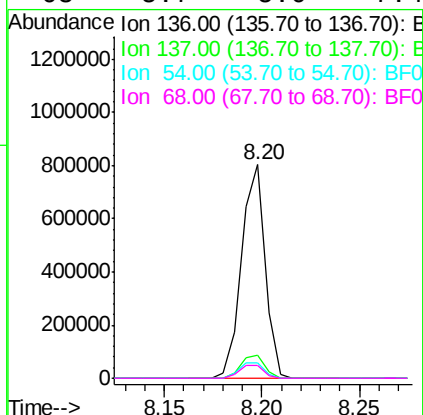
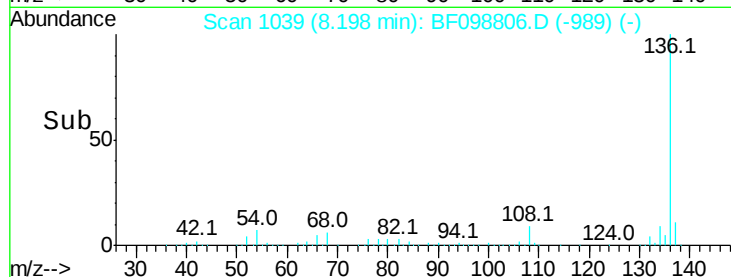
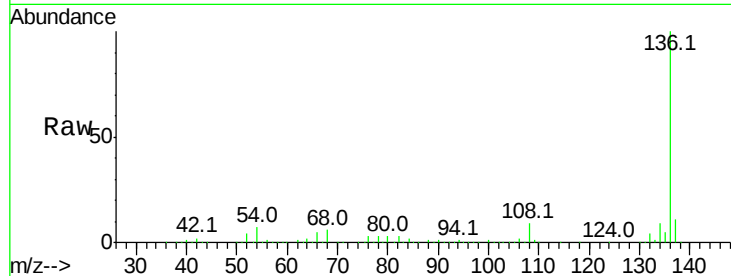
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.1	6.6	9.8	
68	5.7	5.0	7.4	

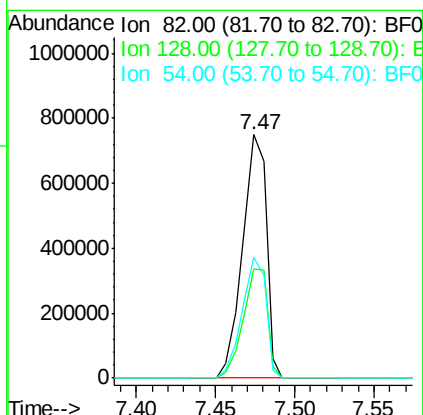
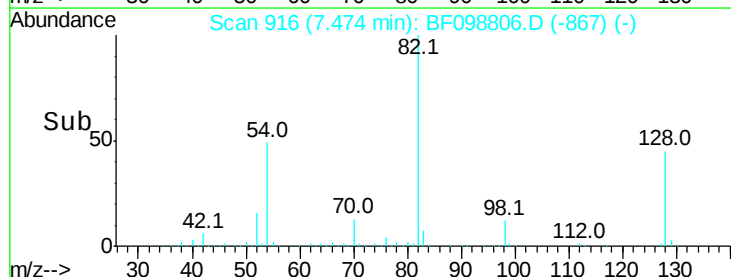
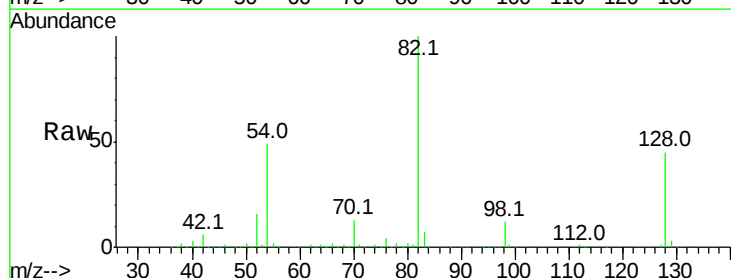
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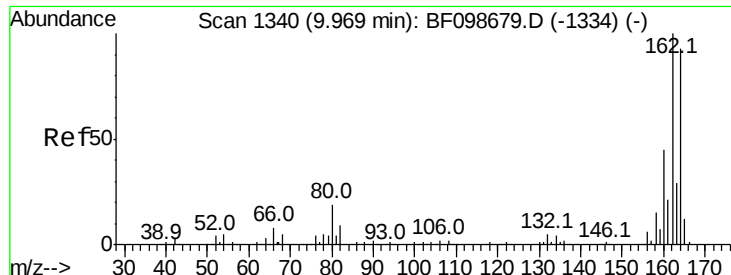
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#23
Nitrobenzene-d5
Concen: 74.088 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.9	36.1	54.1	
54	49.5	41.4	62.2	





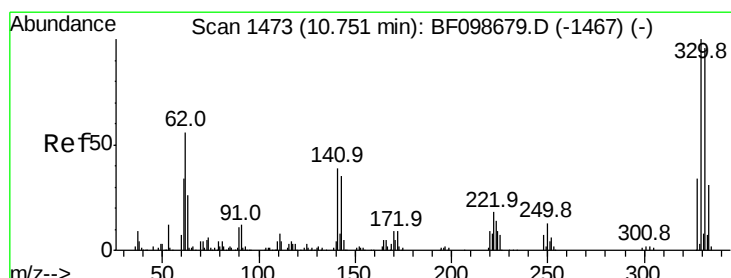
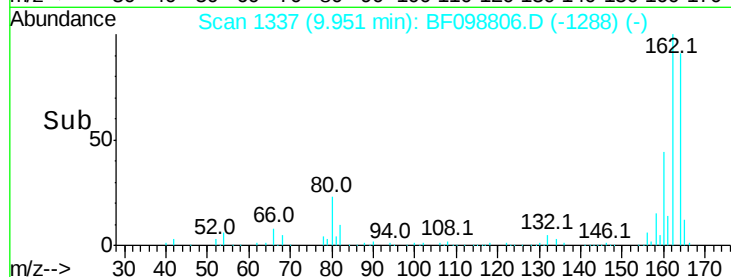
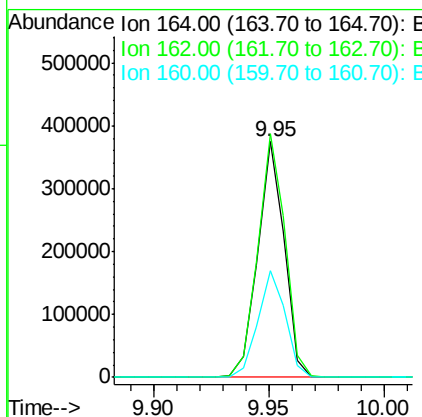
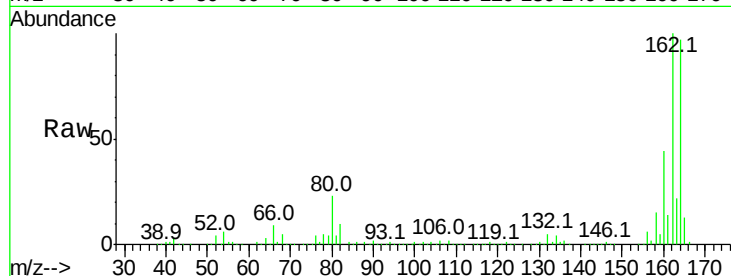
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100	300744		
162	103.2	86.1	129.1	
160	45.1	38.3	57.5	

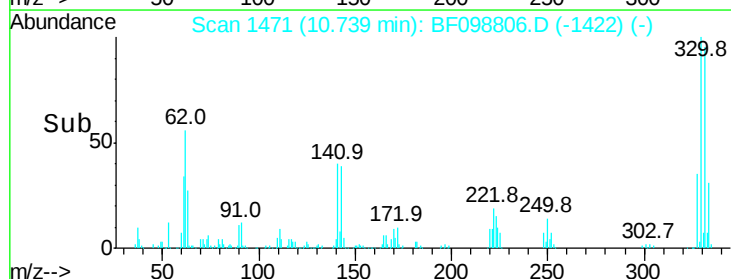
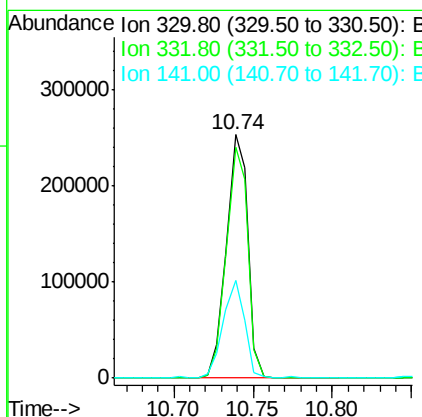
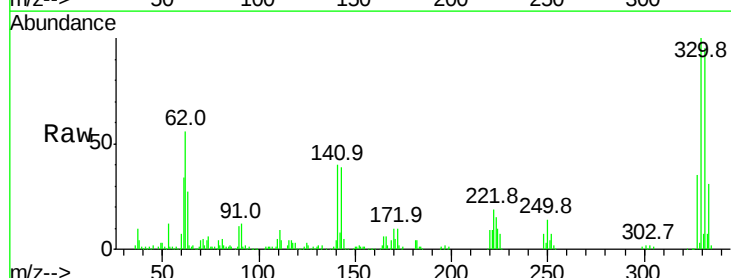
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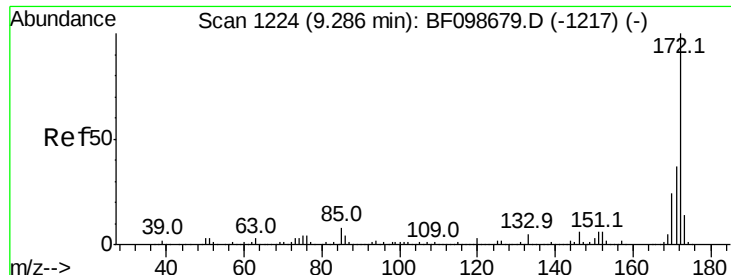
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#41
2,4,6-Tribromophenol
Concen: 96.936 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	238551		
332	95.0	77.0	115.6	
141	40.3	29.9	44.9	





#44

2-Fluorobiphenyl

Concen: 72.008 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF098806.D

Acq: 26 Sep 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SP-2-B-COMP

Tot Ion:172 Resp: 1297225

Ion Ratio Lower Upper

172 100

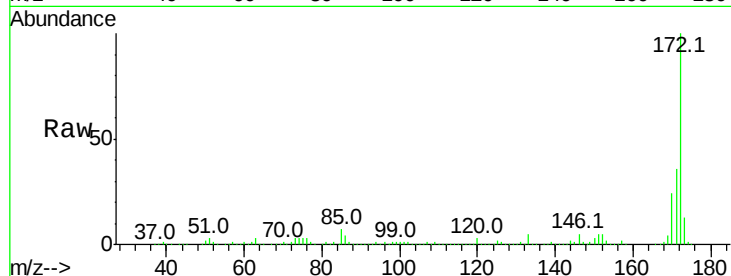
171 35.7 29.7 44.5

170 24.0 19.6 29.4

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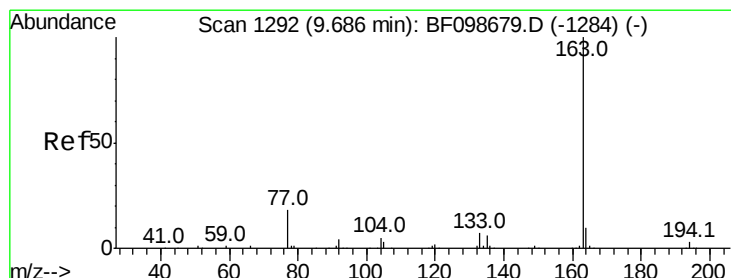
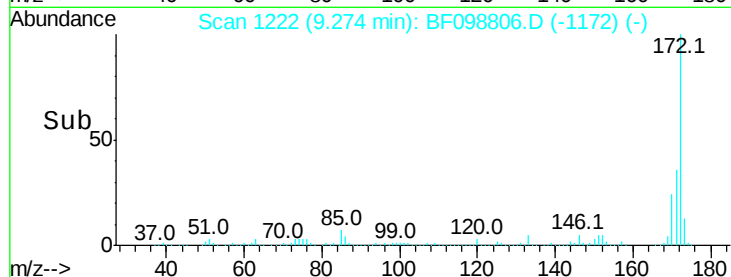
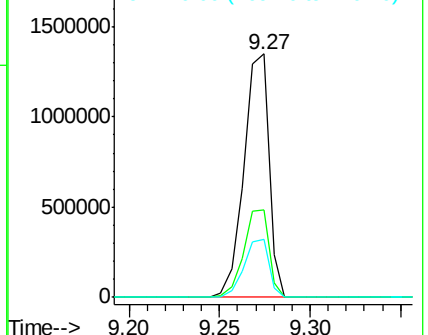
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 9.495 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF098806.D

Acq: 26 Sep 2017 2:17

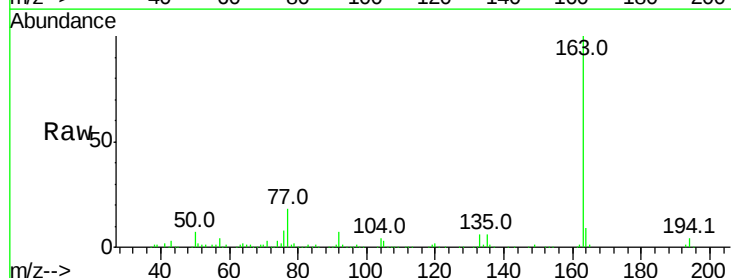
Tgt Ion:163 Resp: 215524

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

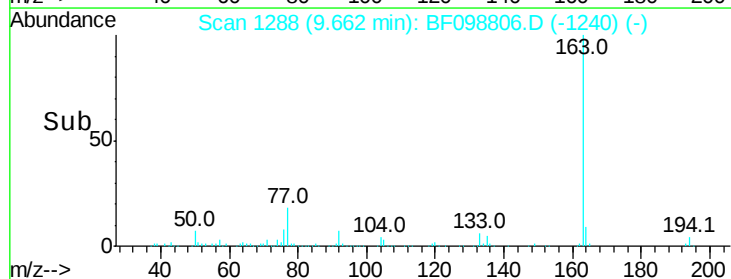
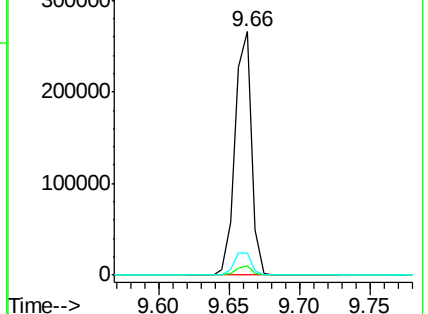
164 9.3 8.2 12.2

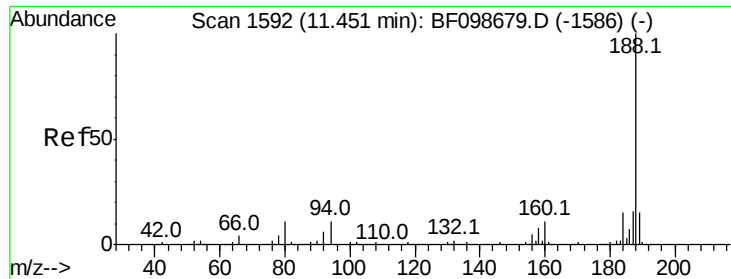


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





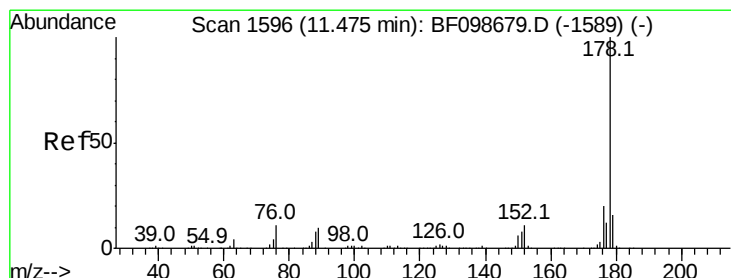
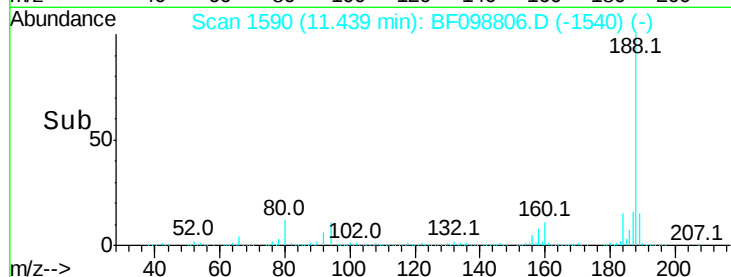
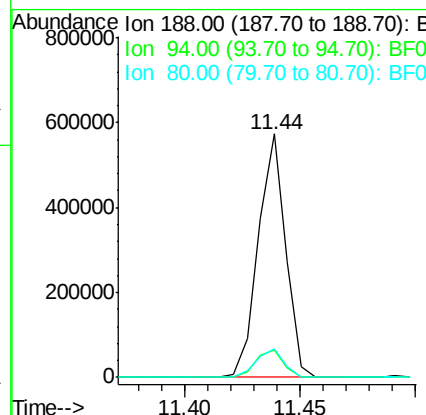
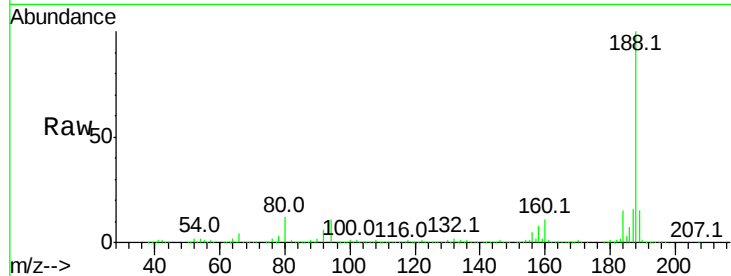
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

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

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.8	9.2	13.8

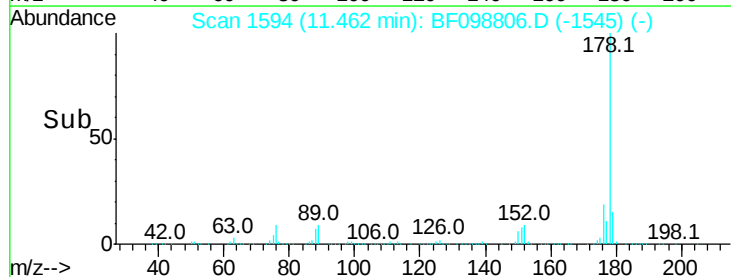
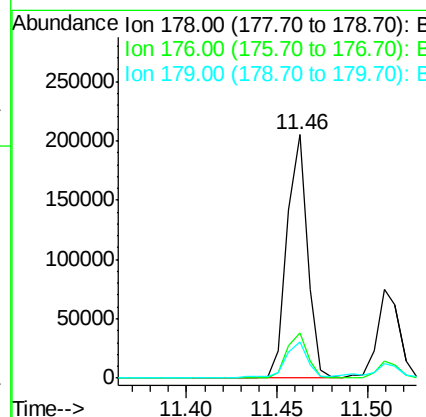
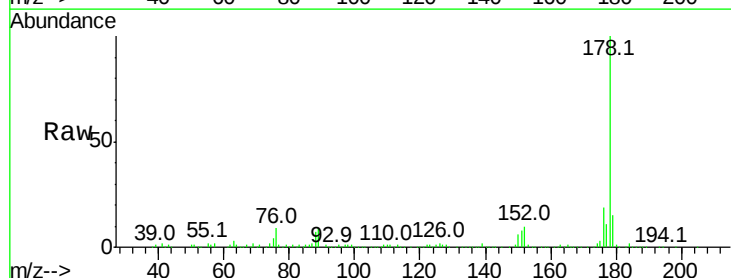
Manual Integrations
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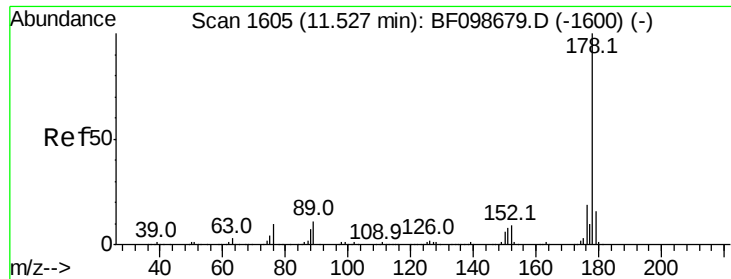
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#70
Phenanthrene
Concen: 6.339 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.0	13.0	19.6





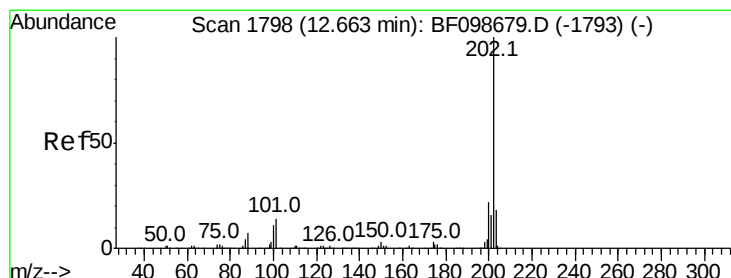
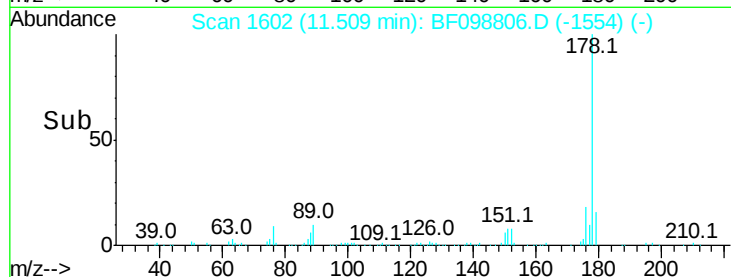
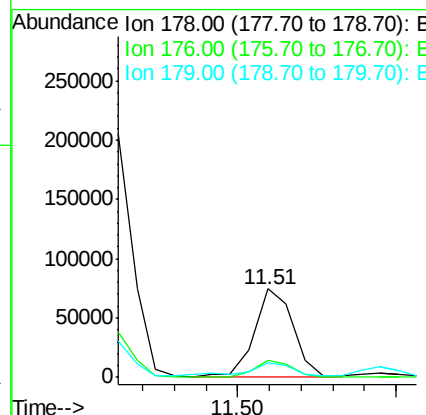
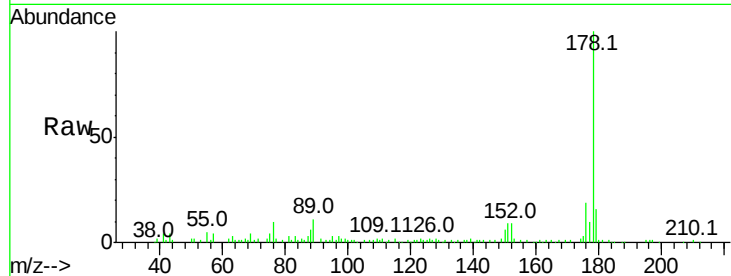
#71
 Anthracene
 Concen: 2.374 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.02 min
 Lab File: BF098806.D
 Acq: 26 Sep 2017 2:17

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.2	12.6	19.0

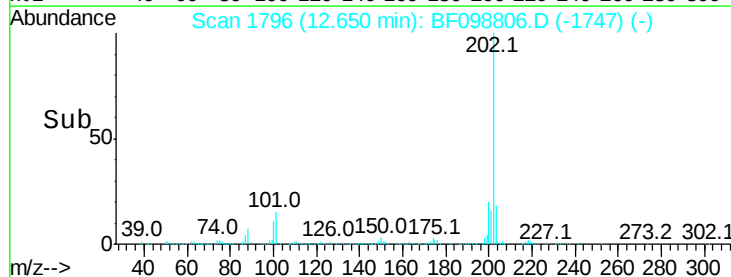
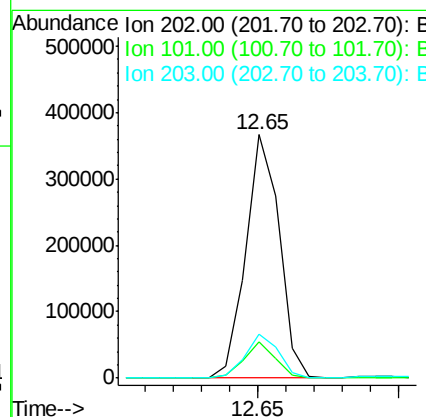
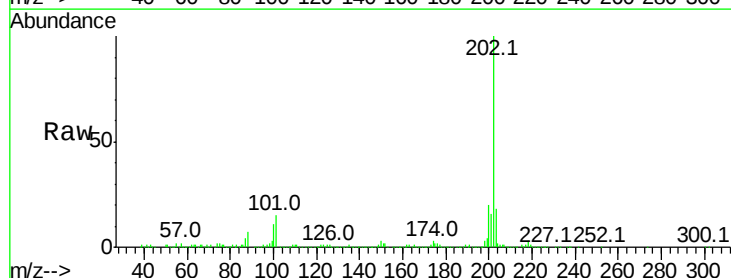
Manual Integrations
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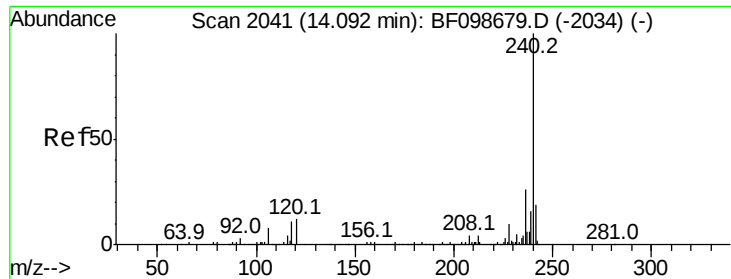
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#74
 Fluoranthene
 Concen: 11.673 ng
 RT: 12.65 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BF098806.D
 Acq: 26 Sep 2017 2:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098806.D

Acq: 26 Sep 2017 2:17

Instrument :

BNA_F

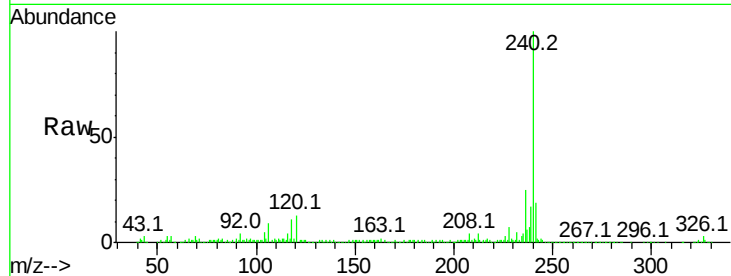
ClientSampled :

SP-2-B-COMP

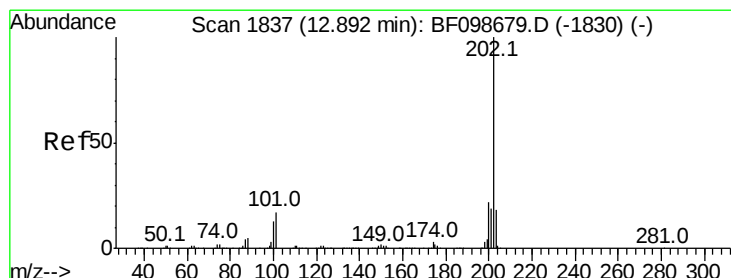
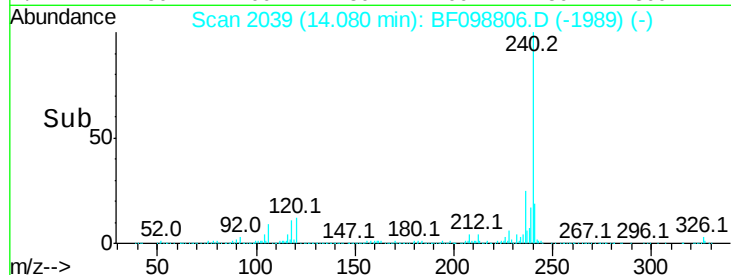
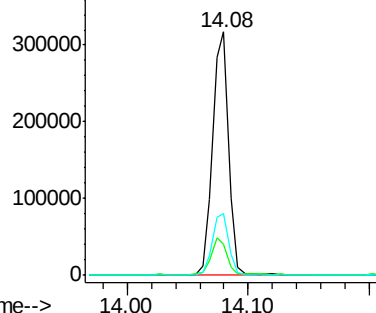
Tot Ion:	240	Resp:	293497
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.5	14.3
236	25.5	20.7	31.1

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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

Pyrene

Concen: 13.338 ng

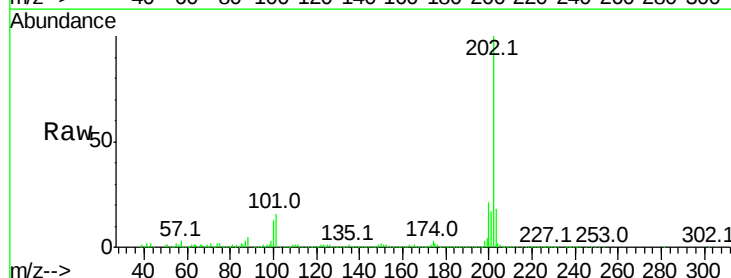
RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

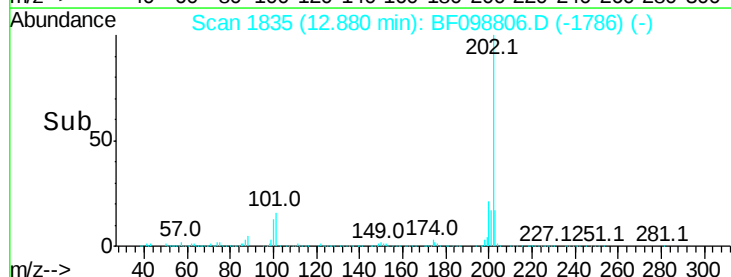
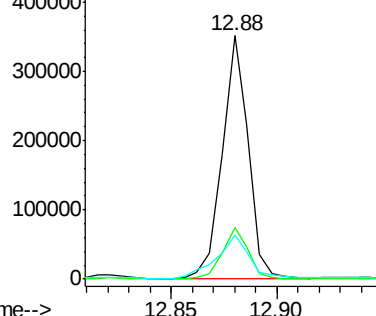
Lab File: BF098806.D

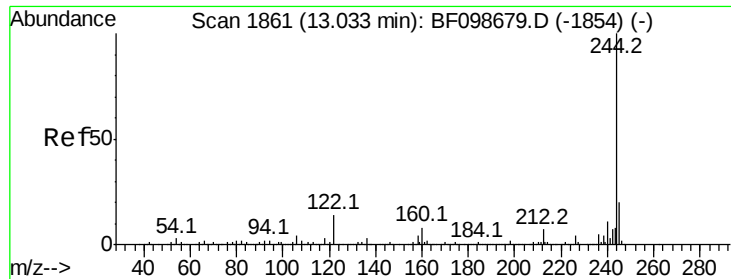
Acq: 26 Sep 2017 2:17

Tgt Ion:	202	Resp:	298504
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	17.8	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





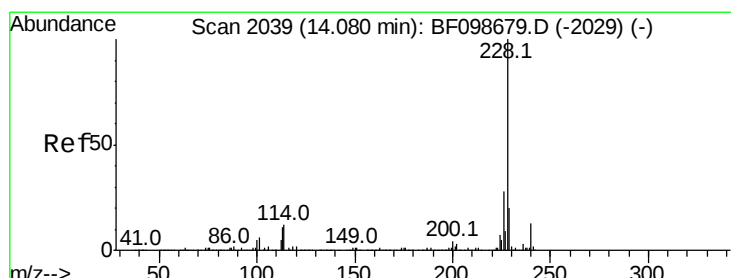
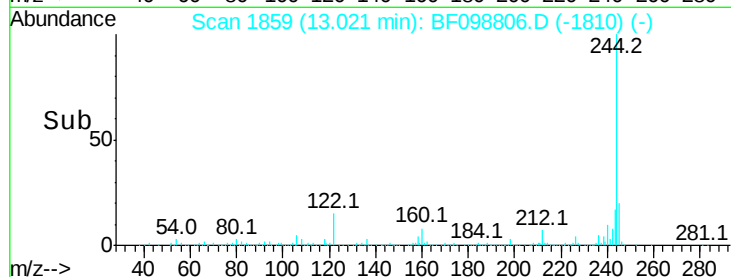
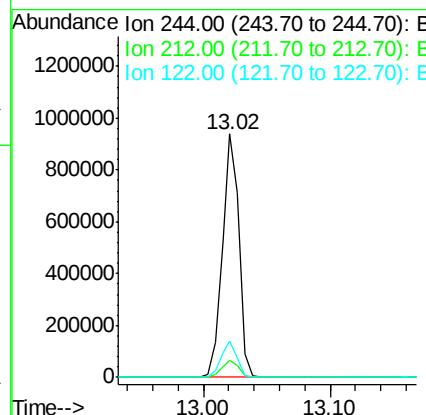
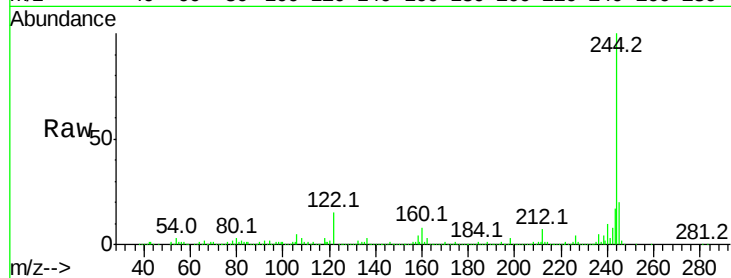
#78
 Terphenyl-d14
 Concen: 66.636 ng
 RT: 13.02 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BF098806.D
 Acq: 26 Sep 2017 2:17

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	15.0	11.0	16.4

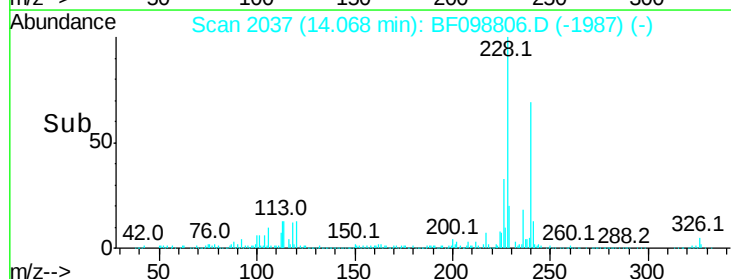
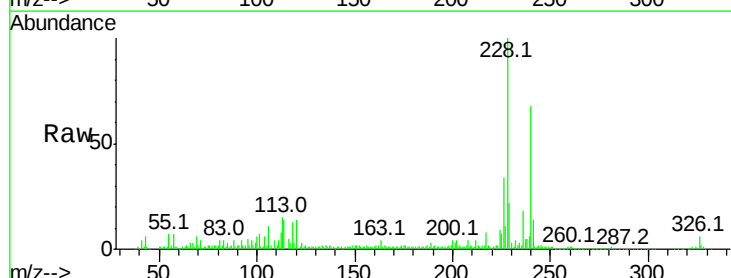
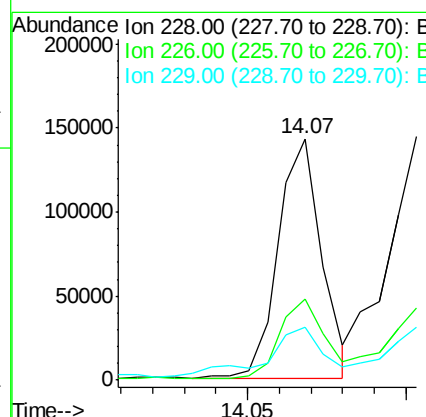
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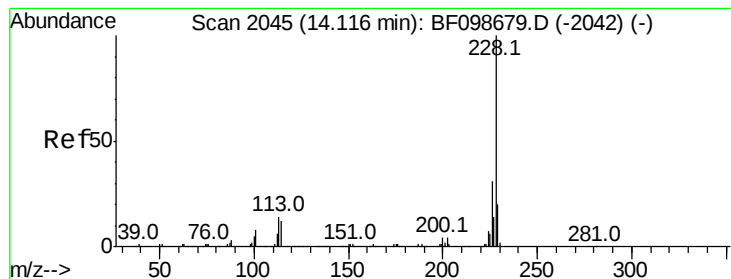
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#80
 Benzo(a)anthracene
 Concen: 7.650 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF098806.D
 Acq: 26 Sep 2017 2:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.8	22.6	33.8
229	21.7	15.8	23.6





#82

Chrysene

Concen: 8.216 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF098806.D

Acq: 26 Sep 2017 2:17

Instrument :

BNA_F

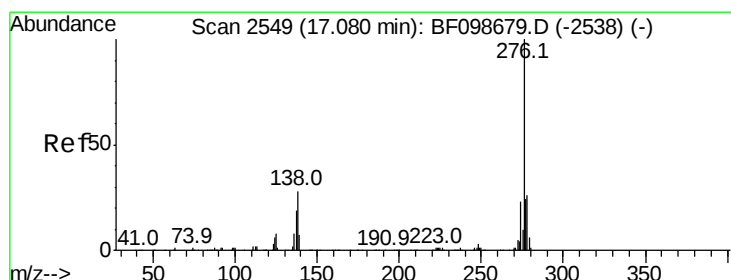
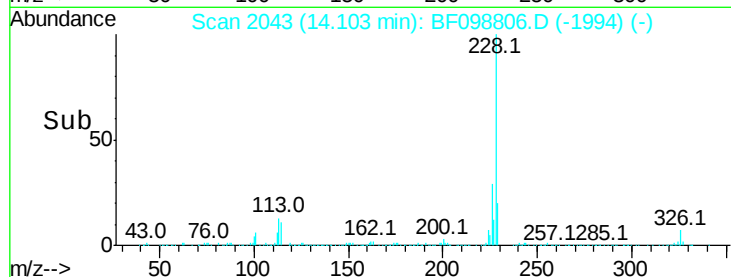
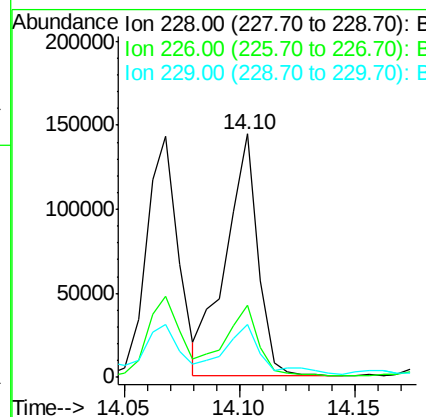
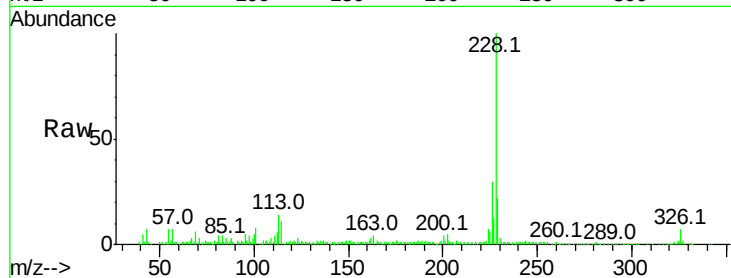
ClientSampleId :

SP-2-B-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	21.7	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 5.058 ng

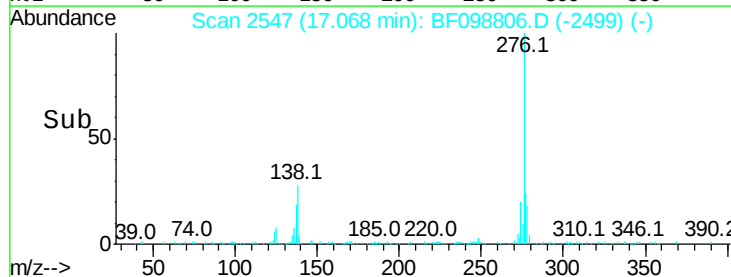
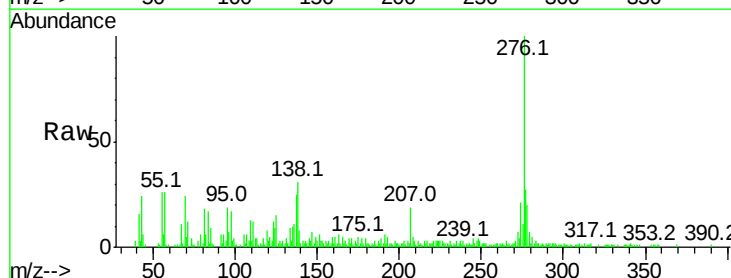
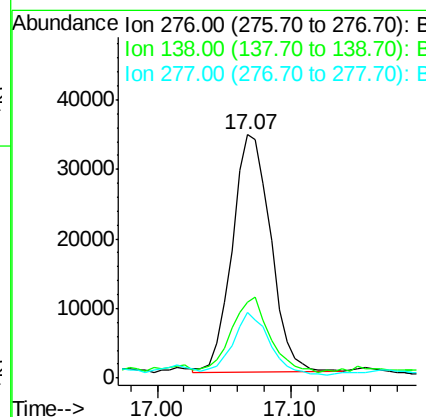
RT: 17.07 min Scan# 2547

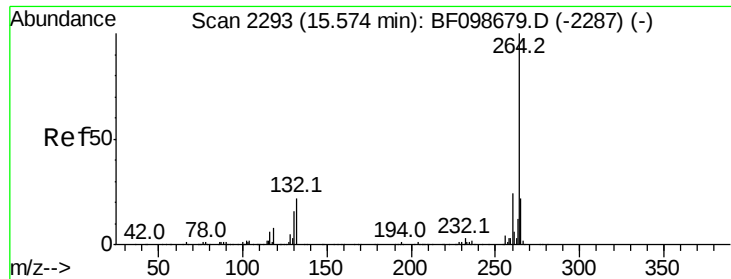
Delta R.T. -0.02 min

Lab File: BF098806.D

Acq: 26 Sep 2017 2:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.2	25.0	37.6
277	25.4	20.1	30.1





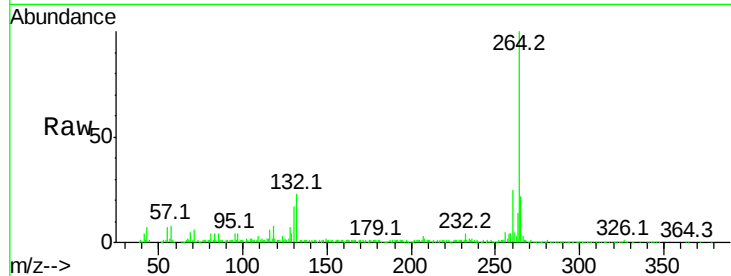
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

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

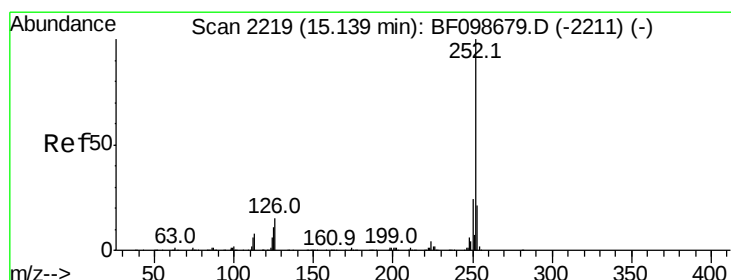
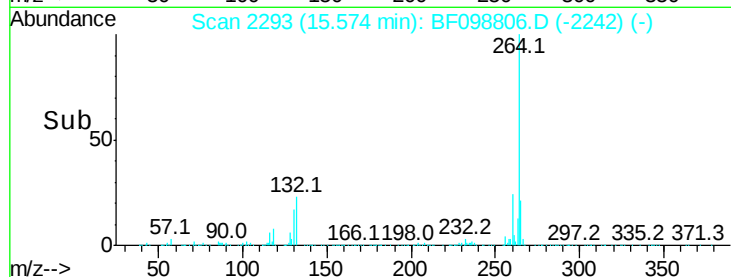
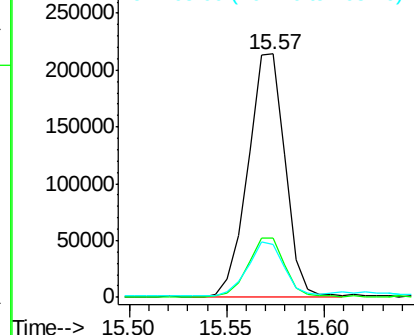
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.7	17.5	26.3

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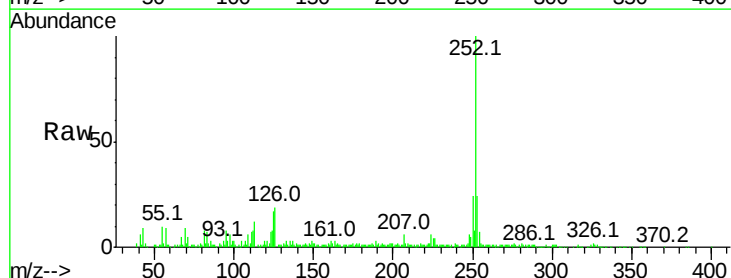


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

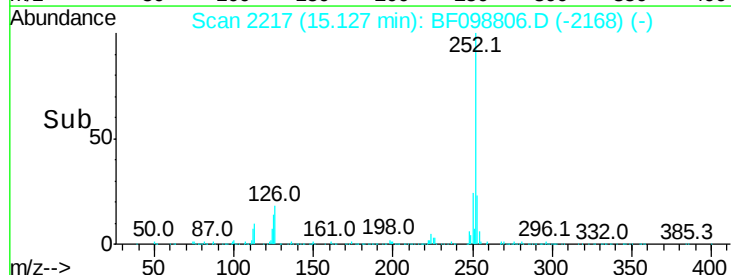
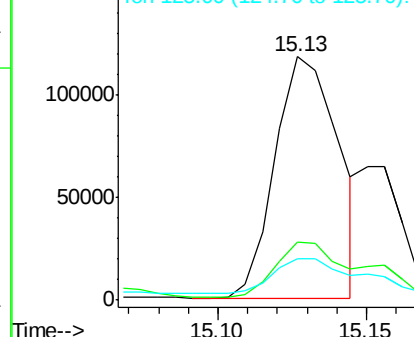


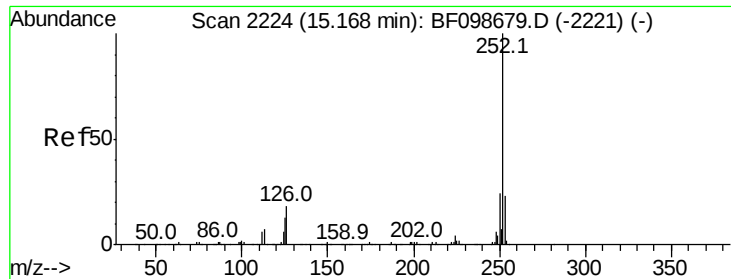
#87
Benzo(b)fluoranthene
Concen: 10.179 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	17.0	9.0	13.6#



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





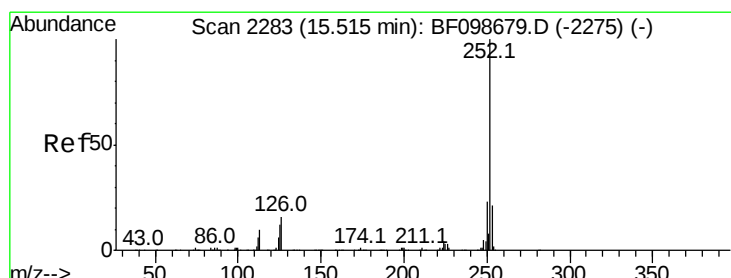
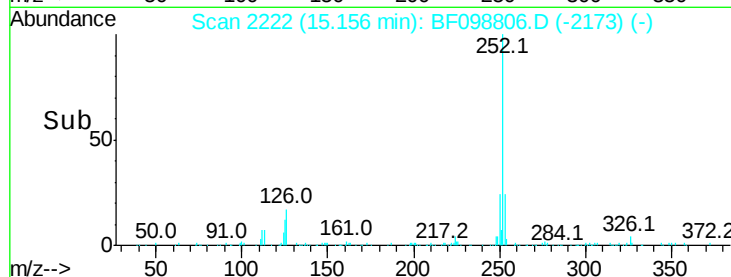
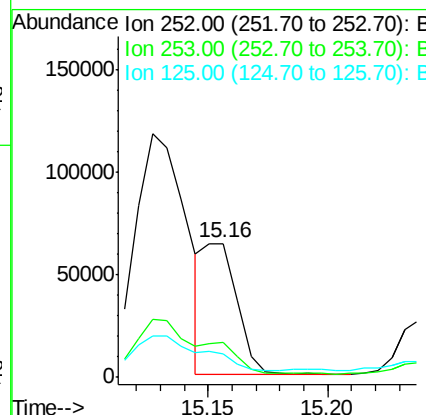
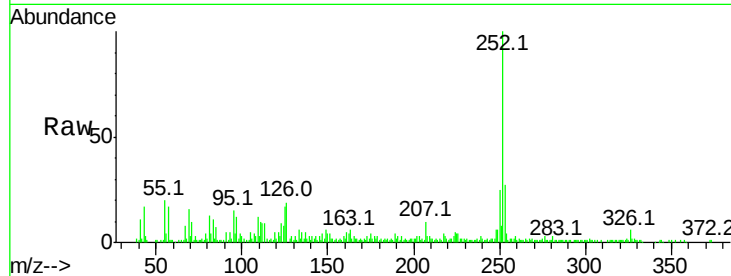
#88
Benzo(k)fluoranthene
Concen: 3.659 ng m
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.9	26.9
125	17.4	10.2	15.2

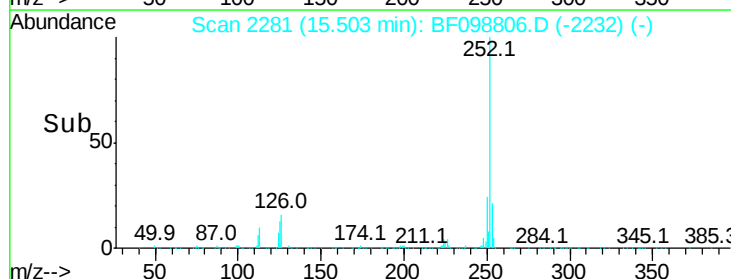
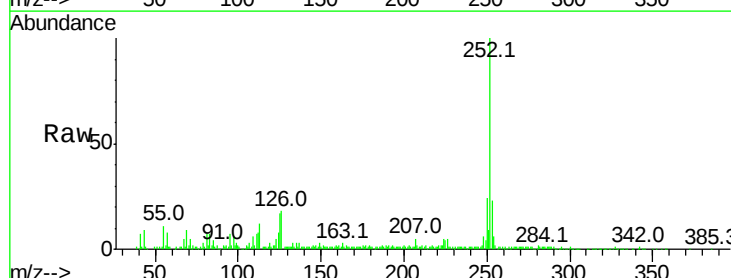
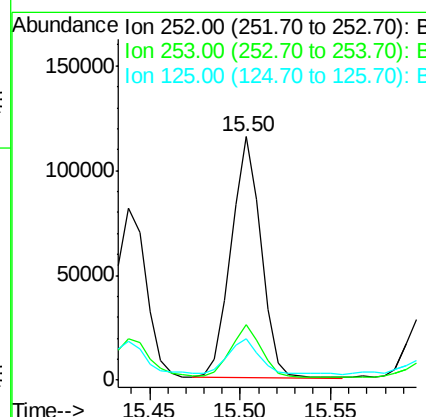
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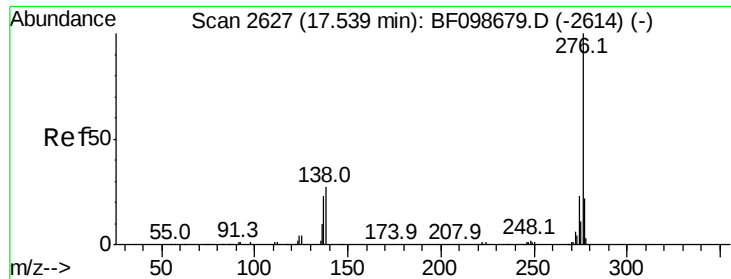
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#89
Benzo(a)pyrene
Concen: 8.320 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	16.8	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 5.285 ng
 RT: 17.53 min Scan# 2626
 Delta R.T. -0.01 min
 Lab File: BF098806.D
 Acq: 26 Sep 2017 2:17

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.9	17.9	26.9
138	32.5	21.8	32.8

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