

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
 Data File : BF100585.D
 Acq On : 15 Nov 2017 13:56
 Operator : SJ/JU
 Sample : I6441-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Manual Integrations
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SOHIL
 11/16/2017 6:18:28 PM

Quant Time: Nov 15 15:38:35 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	146642	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	572662	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	251603	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	406514	20.00	ng	0.00
75) Chrysene-d12	14.04	240	270569	20.00	ng	0.00
86) Perylene-d12	15.52	264	289629	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	860557	94.07	ng	0.01
7) Phenol-d6	6.51	99	1060317	93.99	ng	0.00
23) Nitrobenzene-d5	7.45	82	646691	74.66	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	210041	81.92	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	913758	55.30	ng	0.00
78) Terphenyl-d14	12.99	244	521009	44.24	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.52	94	50662	4.278	ng	97
31) Naphthalene	8.19	128	71641	2.597	ng	99
51) Acenaphthene	9.95	154	95738	6.017	ng	97
54) Dibenzofuran	10.12	168	83007	3.722	ng	95
57) Fluorene	10.46	166	136984	8.385	ng	99
70) Phenanthrene	11.43	178	941731	43.999	ng	99
71) Anthracene	11.48	178	304063	14.002	ng	99
72) Carbazole	11.63	167	99301	4.956	ng	98
74) Fluoranthene	12.62	202	917810	40.461	ng	98
77) Pyrene	12.85	202	797186	41.332	ng	99
80) Benzo(a)anthracene	14.03	228	436665	26.800	ng	98
82) Chrysene	14.07	228	386392	24.489	ng	96
85) Indeno(1,2,3-cd)pyrene	17.00	276	159223	12.476	ng	# 91
87) Benzo(b)fluoranthene	15.09	252	457064m	26.637	ng	
88) Benzo(k)fluoranthene	15.12	252	167365m	10.323	ng	
89) Benzo(a)pyrene	15.46	252	343236	22.563	ng	98
90) Dibenzo(a,h)anthracene	17.01	278	42553	3.421	ng	95
91) Benzo(g,h,i)perylene	17.45	276	143108	11.751	ng	94

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

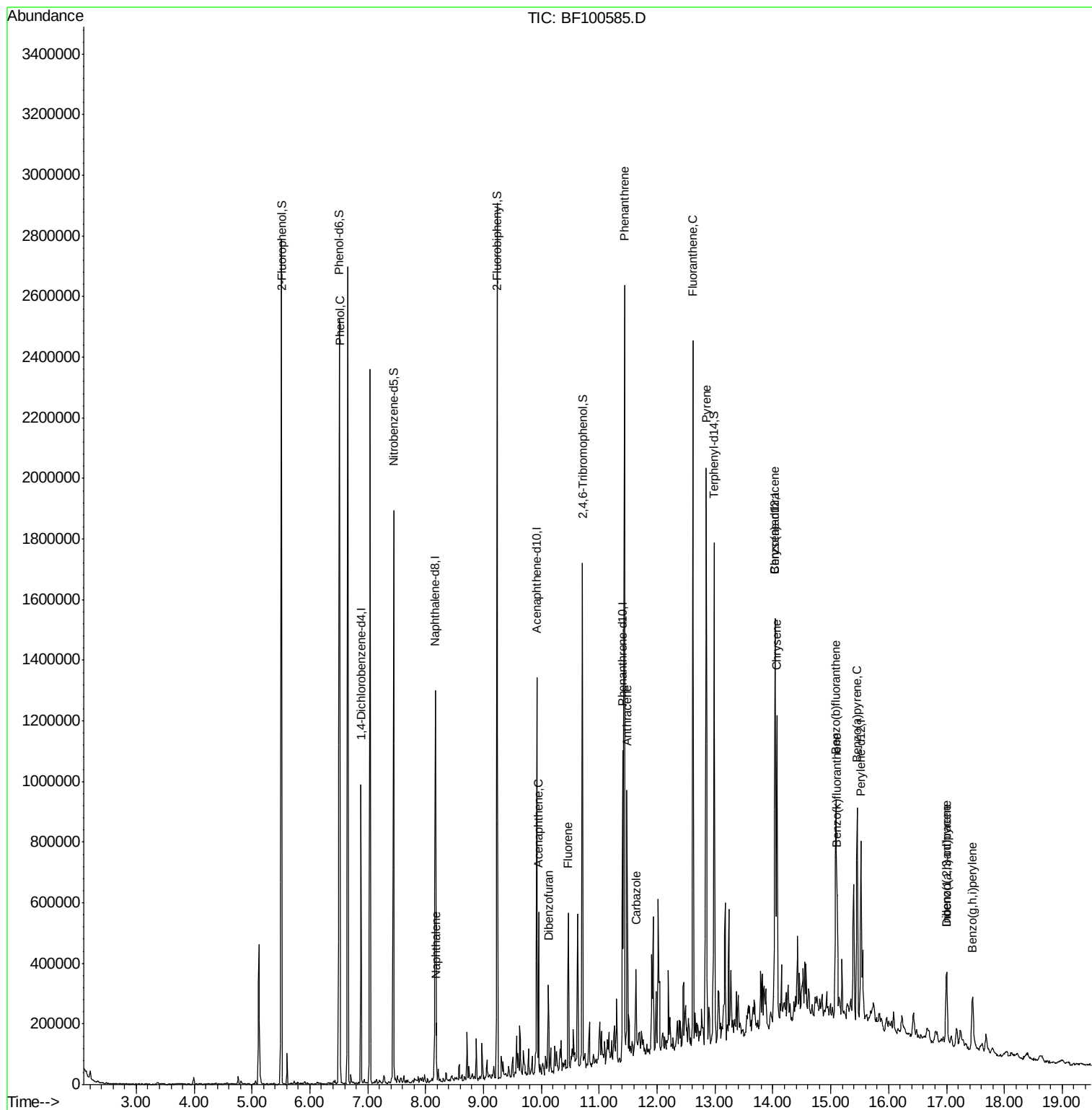
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100585.D
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ALS Vial : 9 Sample Multiplier: 1

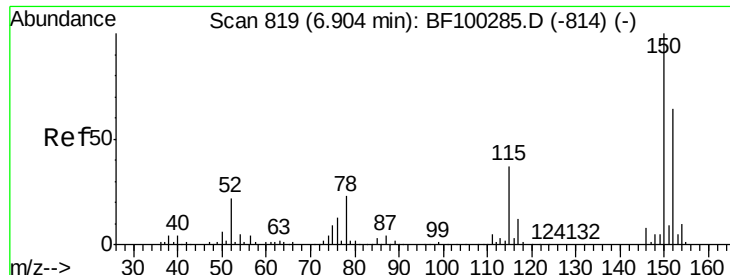
Instrument :
BNA_F
ClientSampleId :
TP-10

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#1

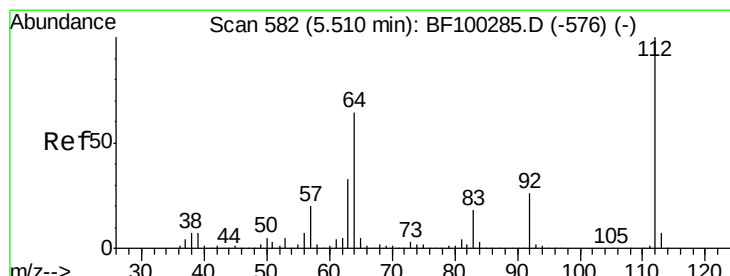
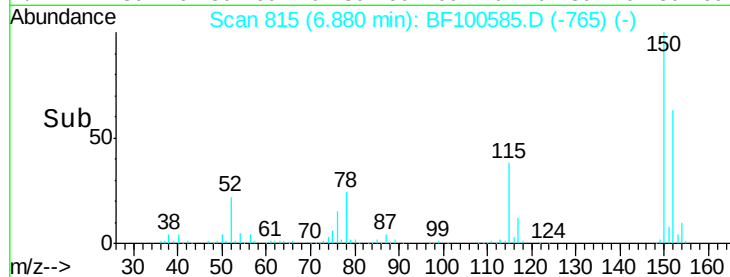
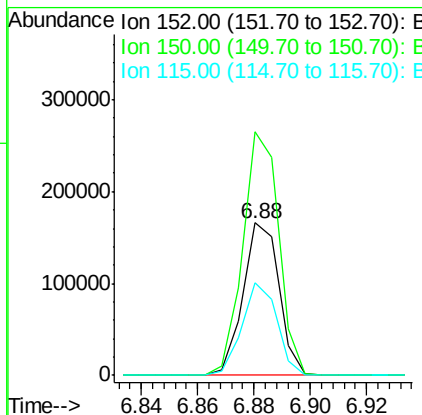
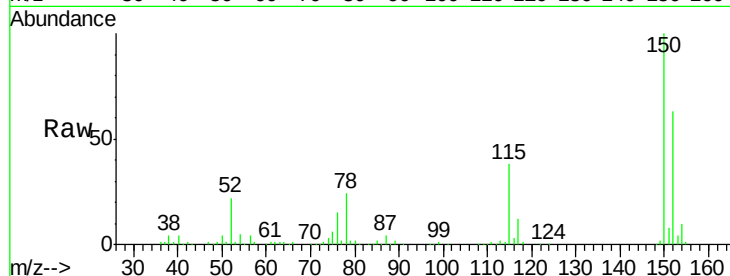
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100585.D
Acq: 15 Nov 2017 13:56

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	146642		
150	159.7	124.6	186.8	
115	60.7	50.1	75.1	

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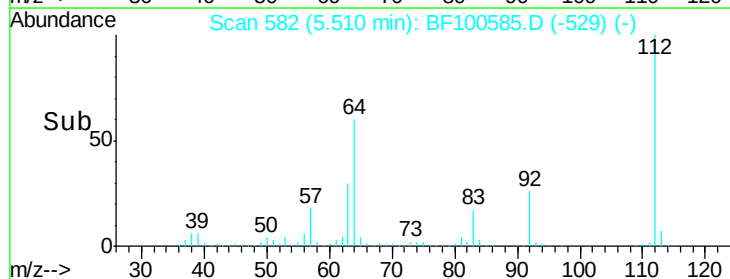
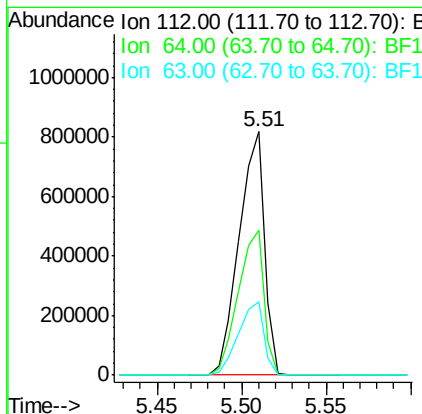
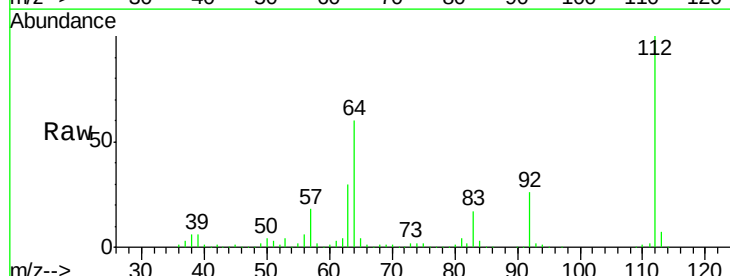
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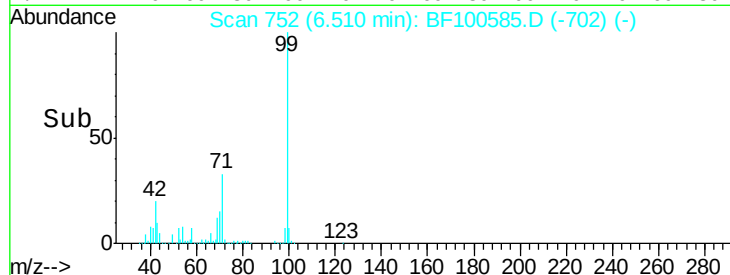
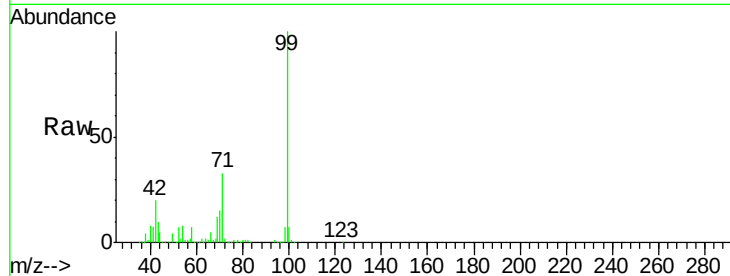
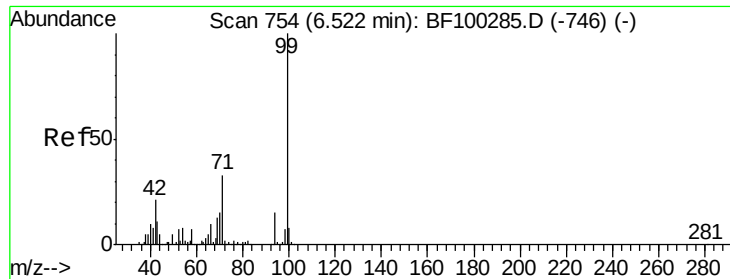


#5

2-Fluorophenol
Concen: 94.070 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF100585.D
Acq: 15 Nov 2017 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	860557		
64	59.6	47.9	71.9	
63	30.2	23.7	35.5	





#7

Phenol-d6

Concen: 93.994 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100585.D

Acq: 15 Nov 2017 13:56

Tgt Ion:	99	Resp:	1060317
Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	33.0	25.4	38.0

Instrument :

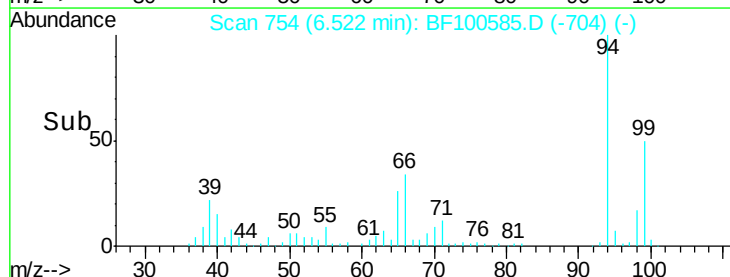
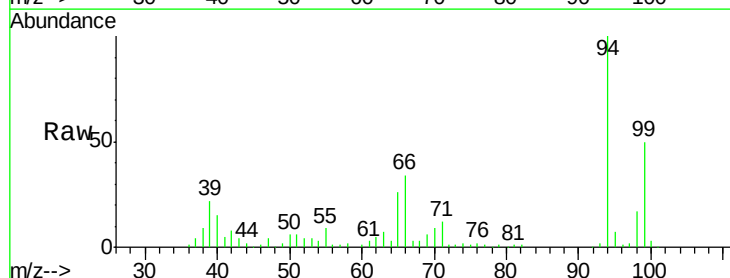
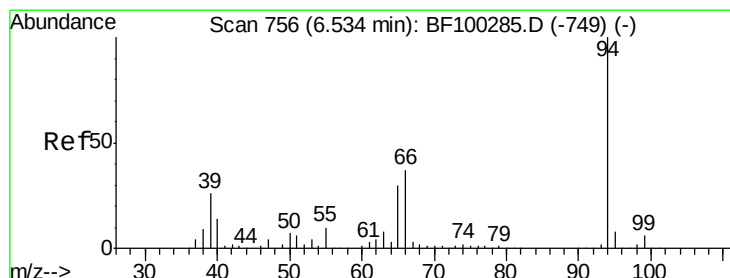
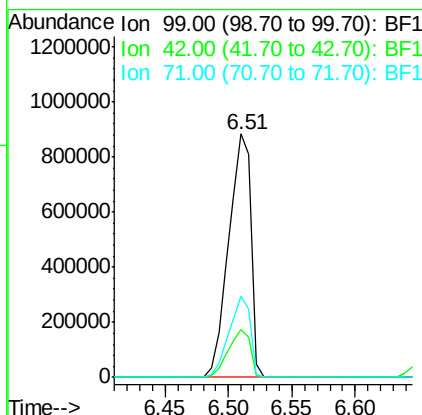
BNA_F

ClientSampled :

TP-10

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#10

Phenol

Concen: 4.278 ng

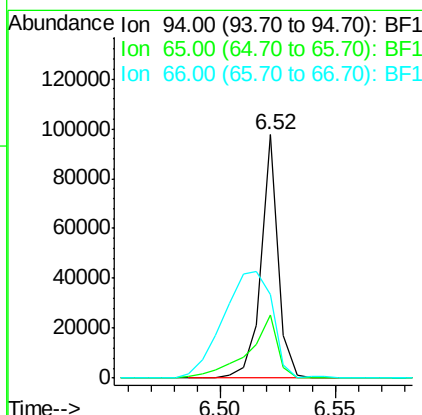
RT: 6.52 min Scan# 754

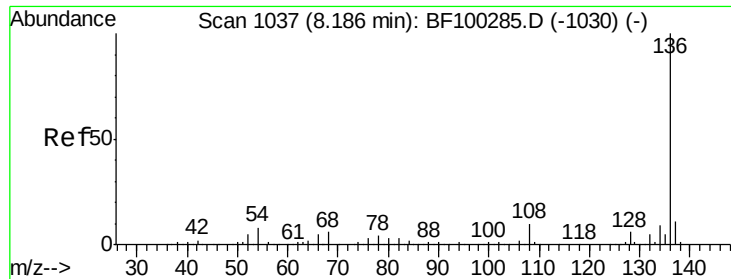
Delta R.T. -0.01 min

Lab File: BF100585.D

Acq: 15 Nov 2017 13:56

Tgt Ion:	94	Resp:	50662
Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	34.4	16.2	56.2





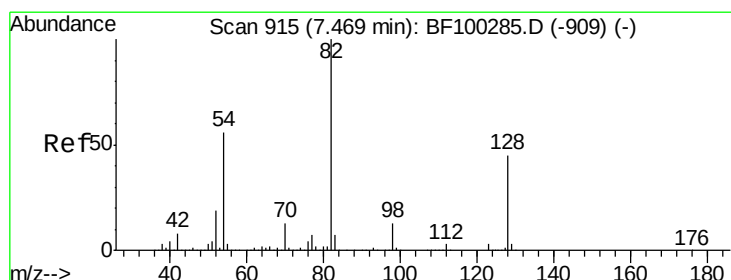
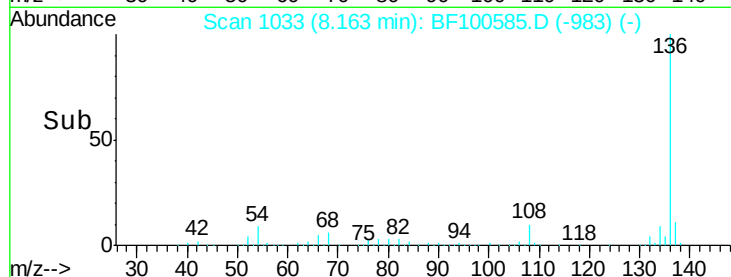
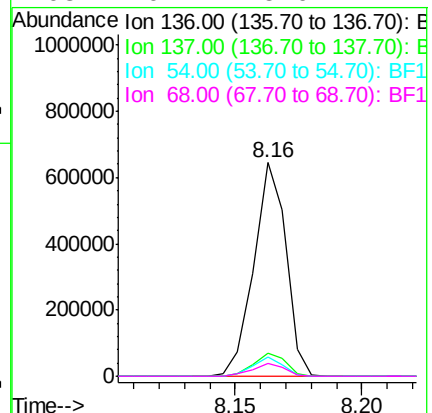
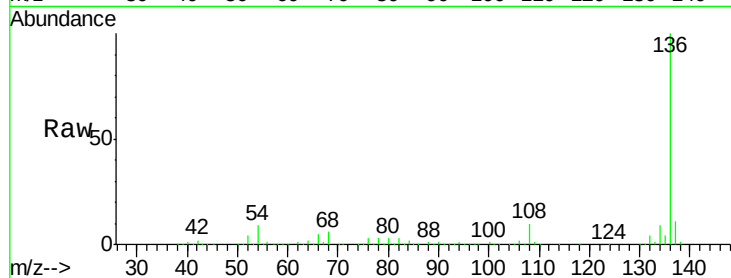
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100585.D
Acq: 15 Nov 2017 13:56

Instrument :
BNA_F
ClientSampled :
TP-10

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	572662		
137	10.9	8.9	13.3	
54	8.9	6.6	9.8	
68	6.1	5.0	7.4	

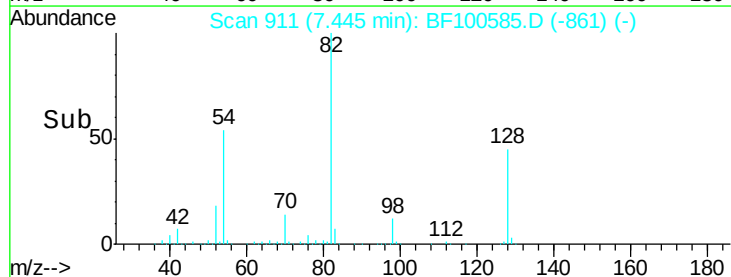
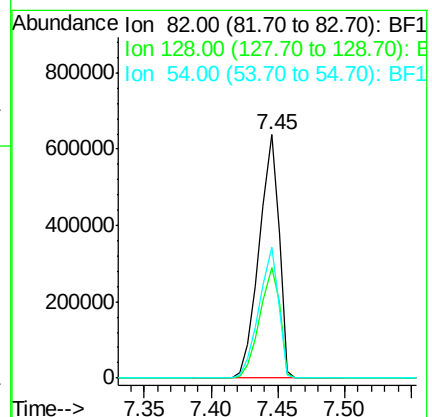
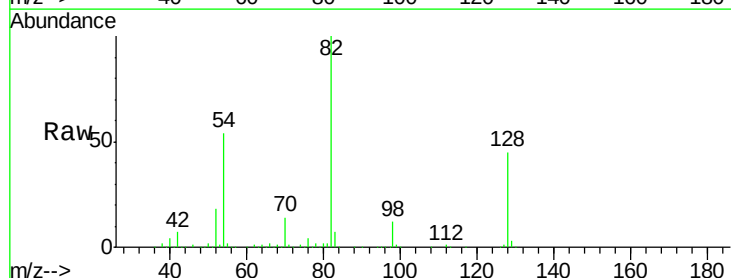
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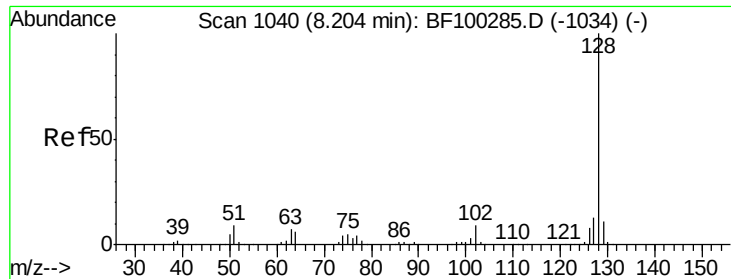
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#23
Nitrobenzene-d5
Concen: 74.660 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100585.D
Acq: 15 Nov 2017 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	646691		
128	45.5	36.1	54.1	
54	53.9	41.4	62.2	





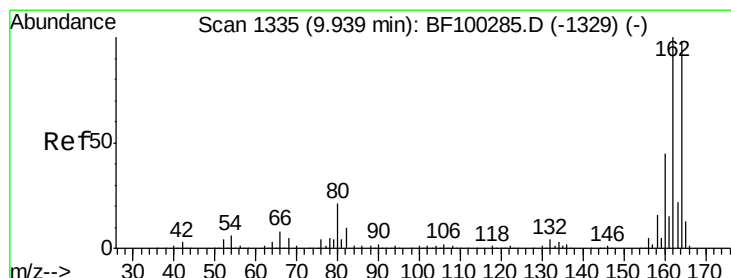
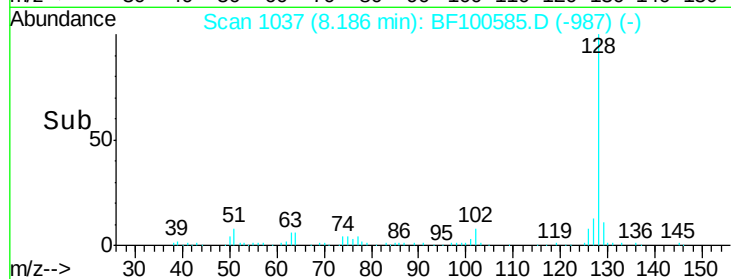
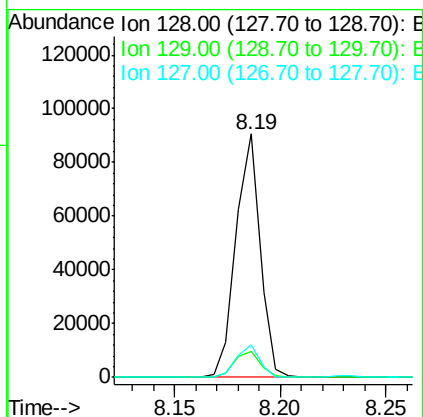
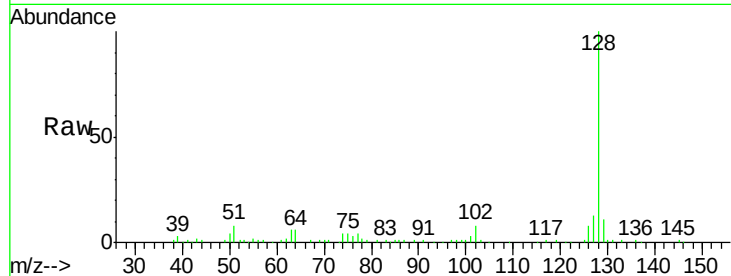
#31
Naphthalene
Concen: 2.597 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF100585.D
Acq: 15 Nov 2017 13:56

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.4	10.9	16.3

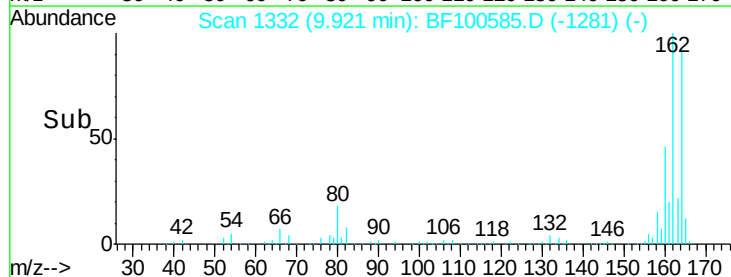
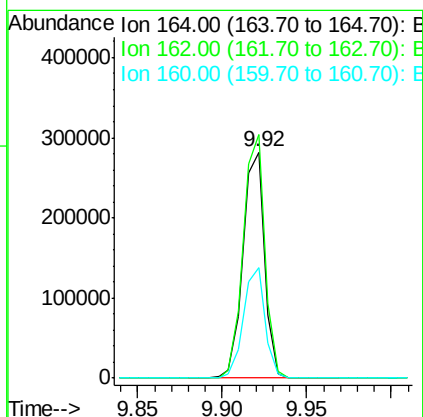
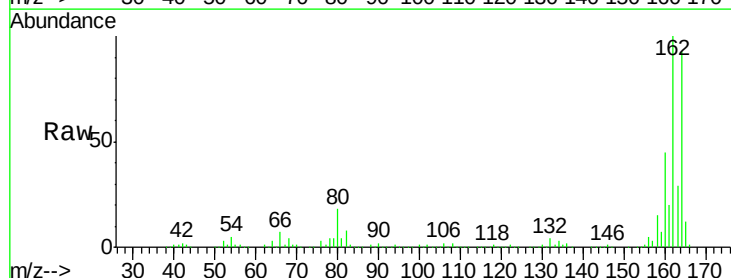
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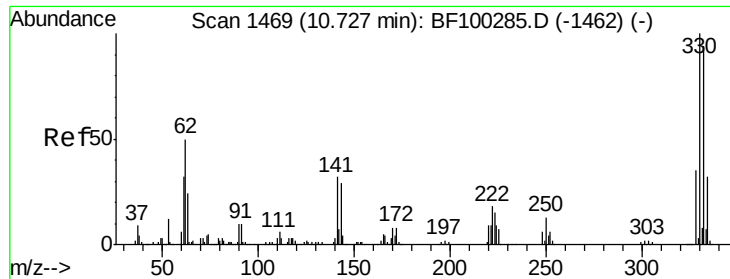
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF100585.D
Acq: 15 Nov 2017 13:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.7	86.1	129.1
160	49.0	38.3	57.5





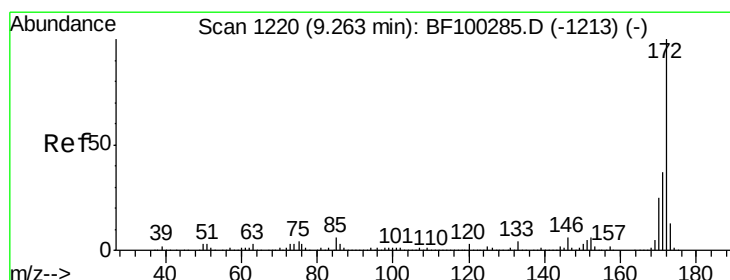
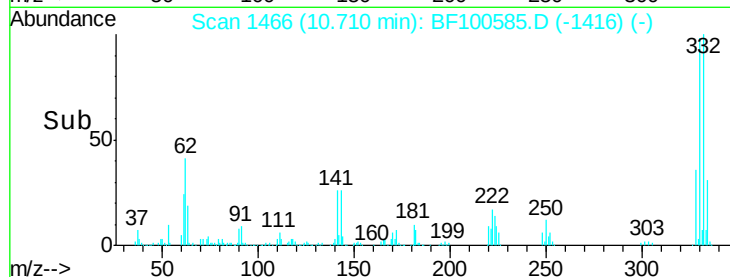
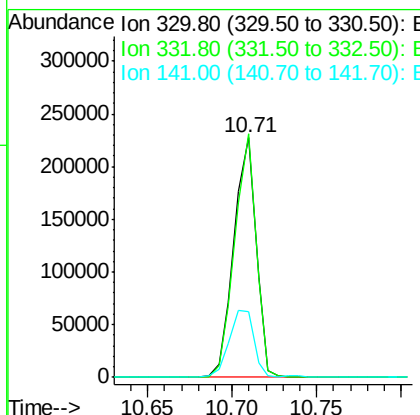
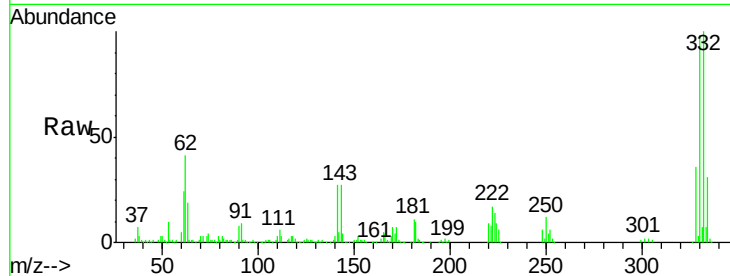
#41
 2,4,6-Tribromophenol
 Concen: 81.925 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF100585.D
 Acq: 15 Nov 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	210041		
332	97.5	77.0	115.6	
141	31.1	29.9	44.9	

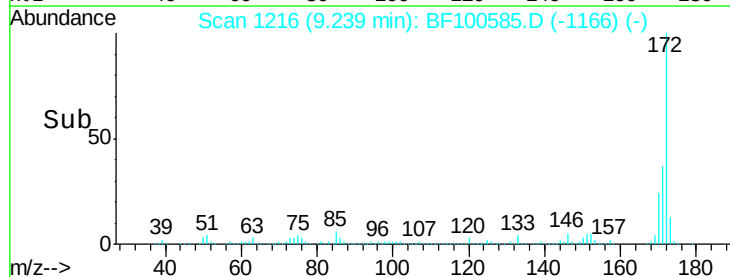
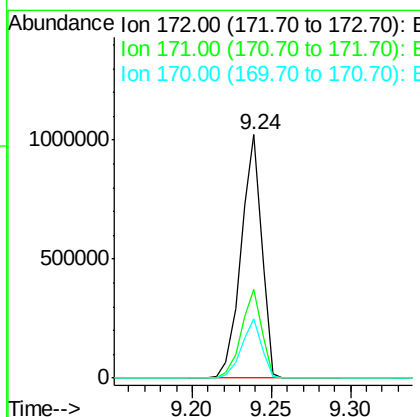
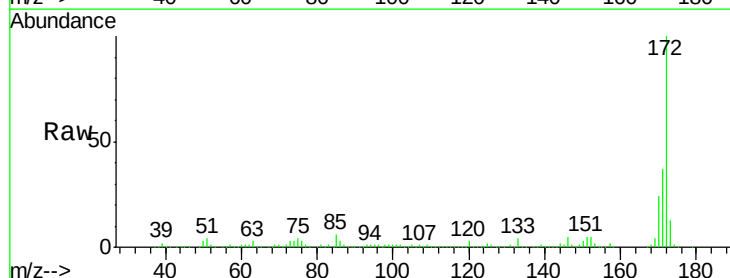
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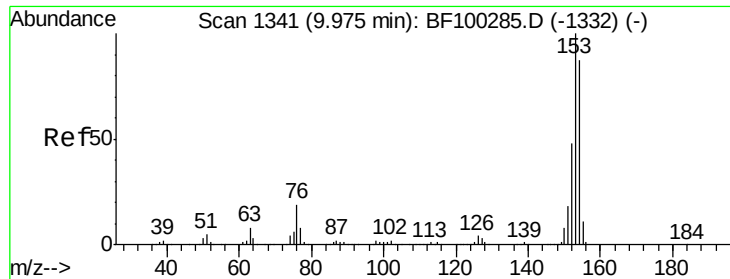
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#44
 2-Fluorobiphenyl
 Concen: 55.301 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100585.D
 Acq: 15 Nov 2017 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	913758		
171	36.5	29.7	44.5	
170	24.1	19.6	29.4	





#51

Acenaphthene

Concen: 6.017 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF100585.D

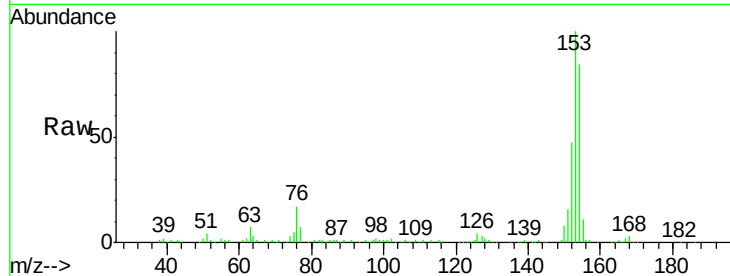
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Instrument :

BNA_F

ClientSampleId :

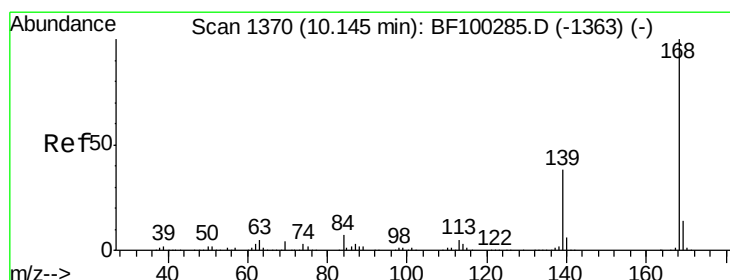
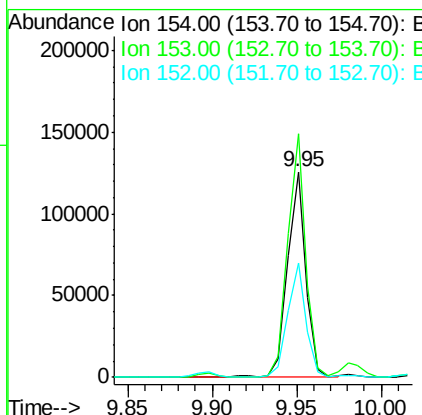
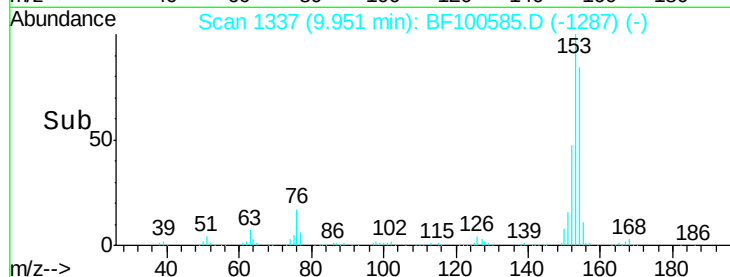
TP-10



Tgt Ion:	154	Resp:	95738
Ion Ratio	Lower	Upper	
154	100		
153	118.3	91.2	136.8
152	55.3	43.8	65.8

Manual Integrations
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#54

Dibenzofuran

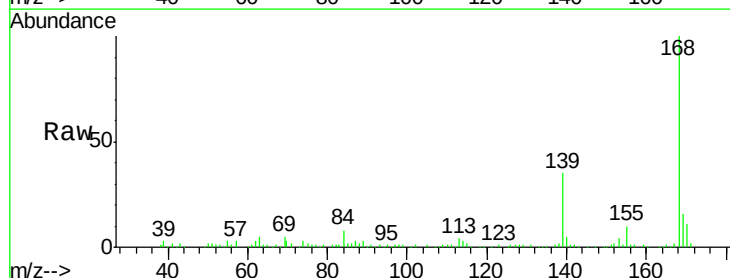
Concen: 3.722 ng

RT: 10.12 min Scan# 1366

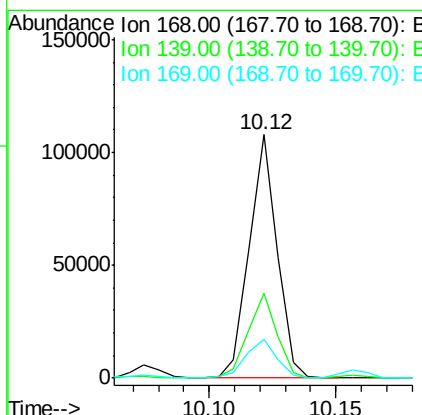
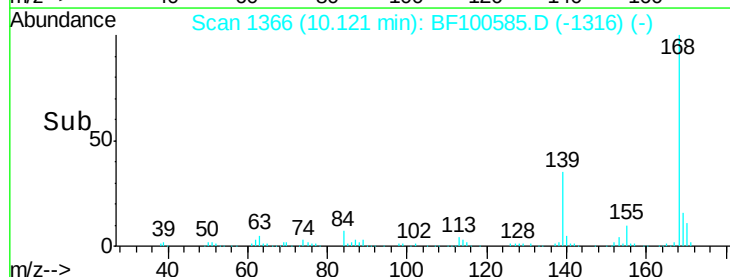
Delta R.T. -0.01 min

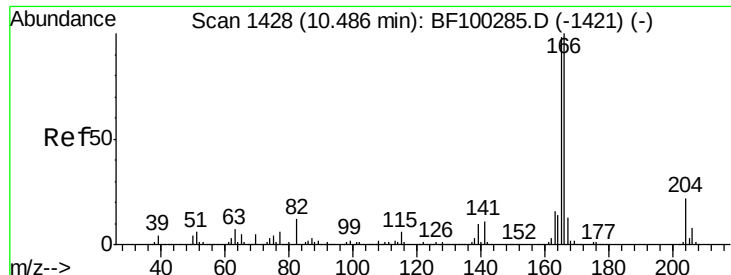
Lab File: BF100585.D

Acq: 15 Nov 2017 13:56



Tgt Ion:	168	Resp:	83007
Ion Ratio	Lower	Upper	
168	100		
139	34.6	30.1	45.1
169	15.7	10.9	16.3





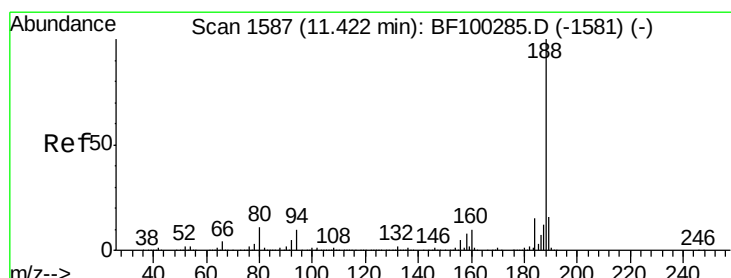
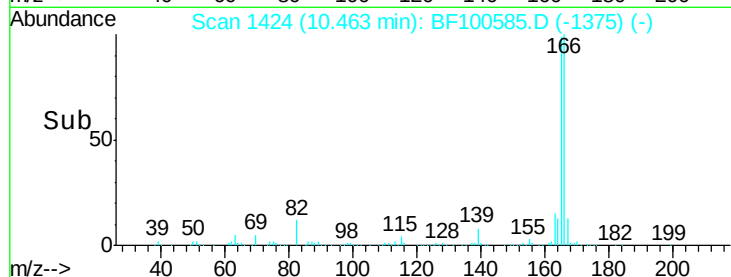
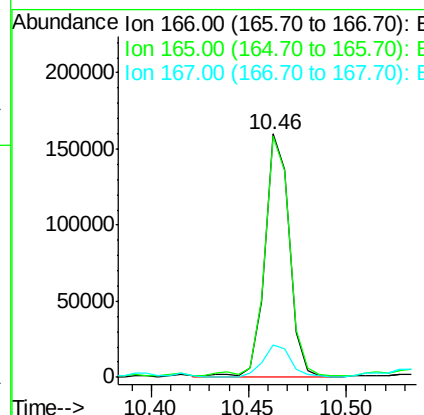
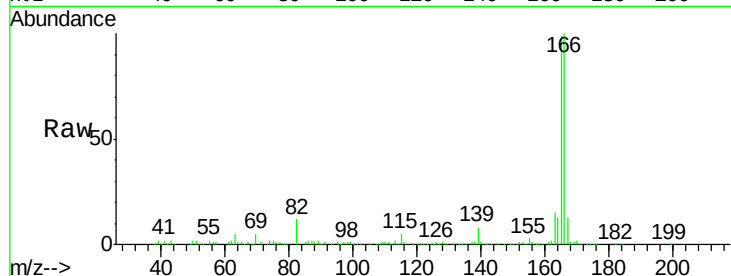
#57
Fluorene
 Concen: 8.385 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF100585.D
 Acq: 15 Nov 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	136984		
165	99.0	79.8	119.8	
167	13.1	10.6	16.0	

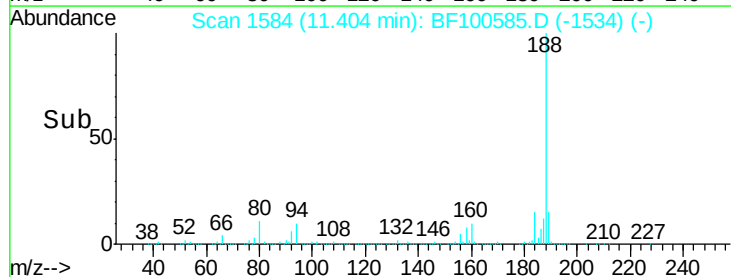
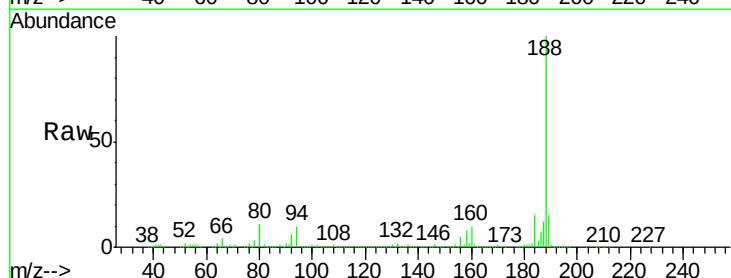
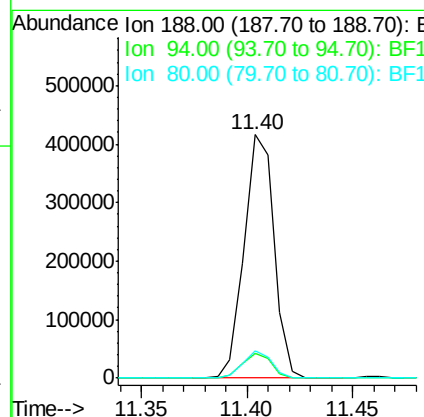
Manual Integrations
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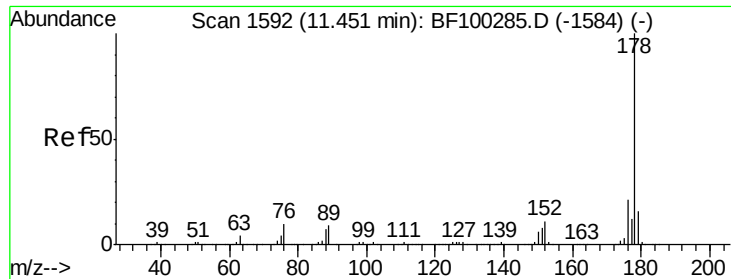
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF100585.D
 Acq: 15 Nov 2017 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	406514		
94	10.1	8.5	12.7	
80	11.3	9.2	13.8	





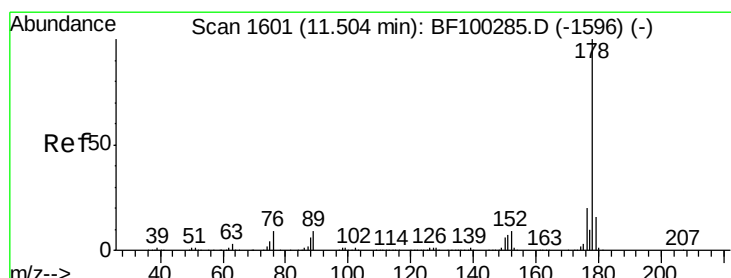
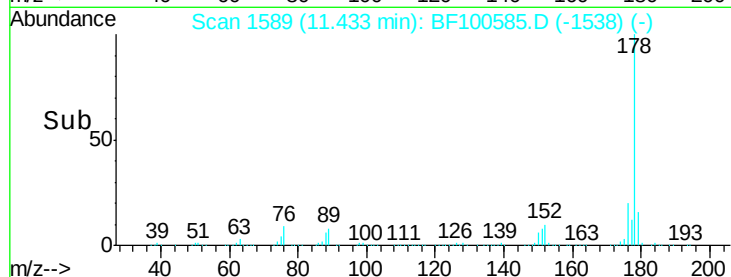
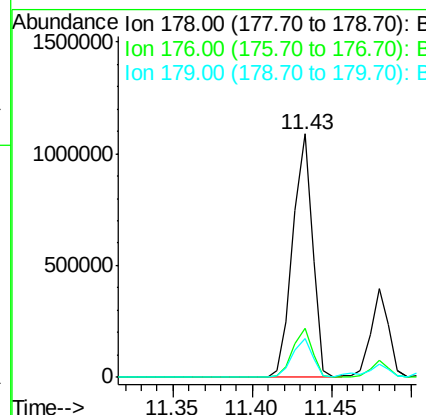
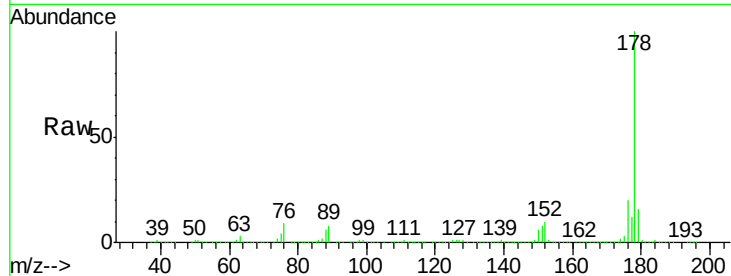
#70
Phenanthrene
Concen: 43.999 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF100585.D
Acq: 15 Nov 2017 13:56

Instrument :
BNA_F
ClientSampled :
TP-10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.9	13.0	19.6

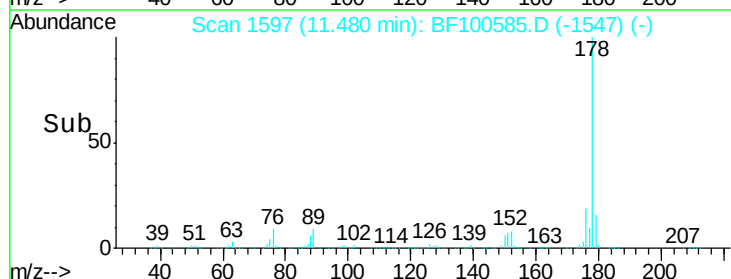
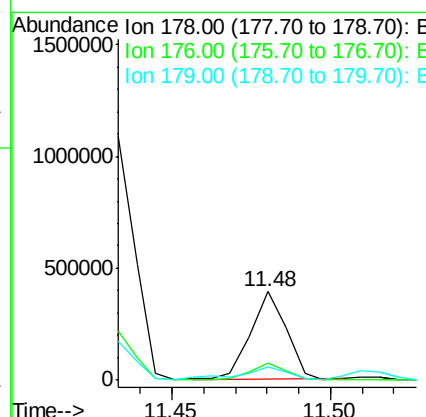
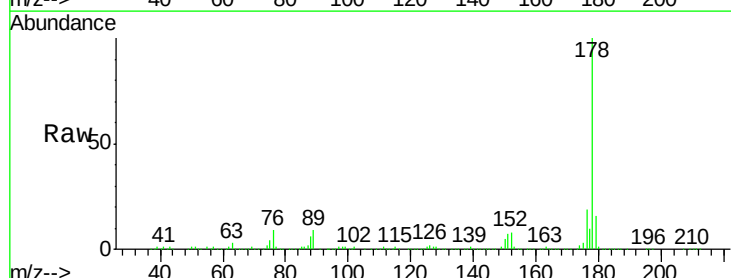
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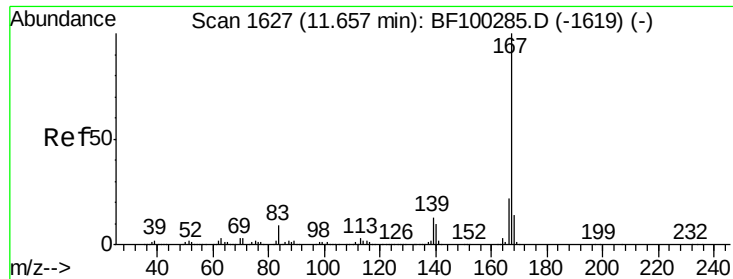
SOHIL
11/16/2017 6:18:28 PM



#71
Anthracene
Concen: 14.002 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF100585.D
Acq: 15 Nov 2017 13:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.7	12.6	19.0





#72

Carbazole

Concen: 4.956 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF100585.D

Acq: 15 Nov 2017 13:56

Instrument :

BNA_F

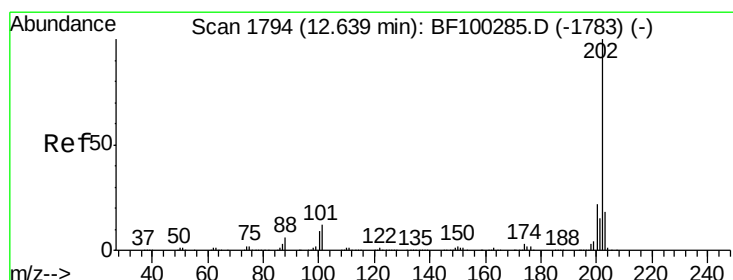
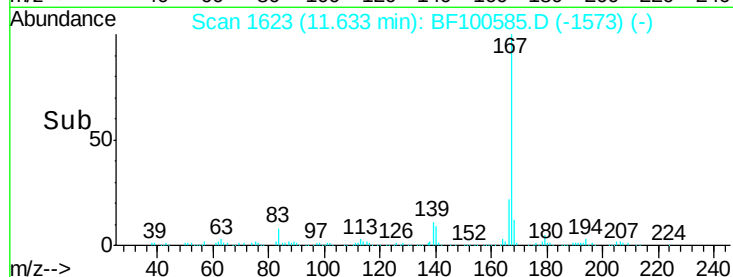
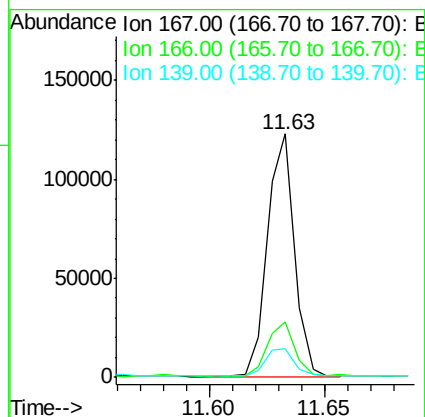
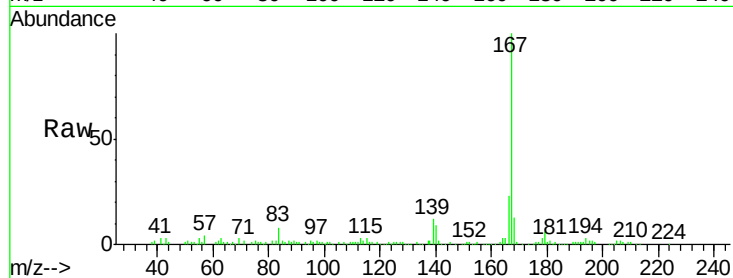
ClientSampleId :

TP-10

Tgt Ion:	167	Resp:	99301
Ion Ratio	Lower	Upper	
167	100		
166	22.6	17.6	26.4
139	11.9	10.9	16.3

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#74

Fluoranthene

Concen: 40.461 ng

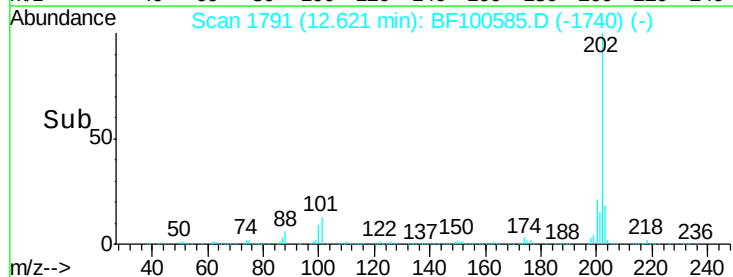
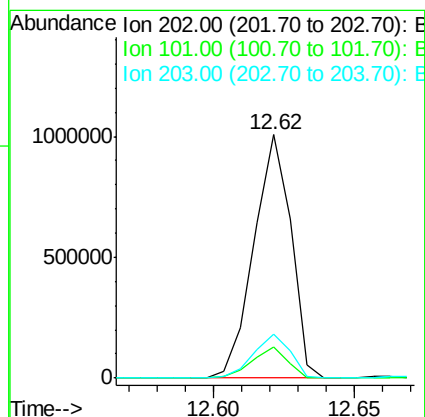
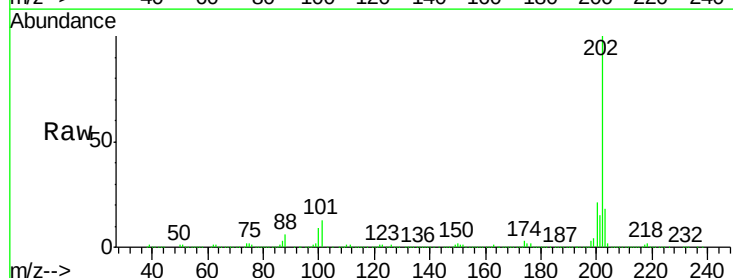
RT: 12.62 min Scan# 1791

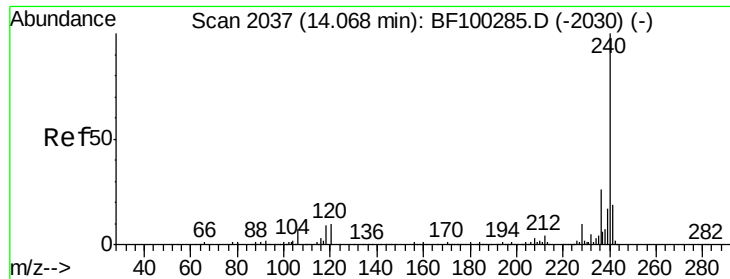
Delta R.T. -0.00 min

Lab File: BF100585.D

Acq: 15 Nov 2017 13:56

Tgt Ion:	202	Resp:	917810
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	34.1
203	17.8	0.0	38.1





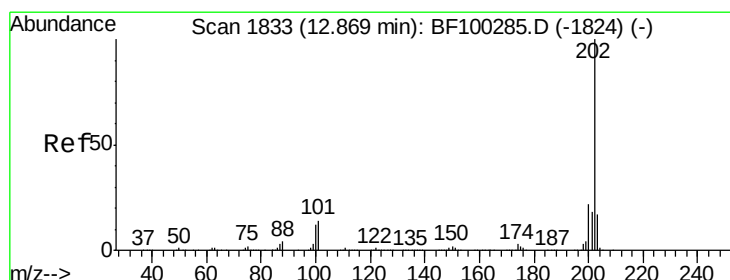
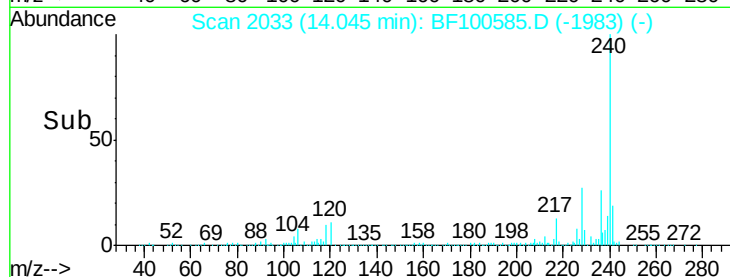
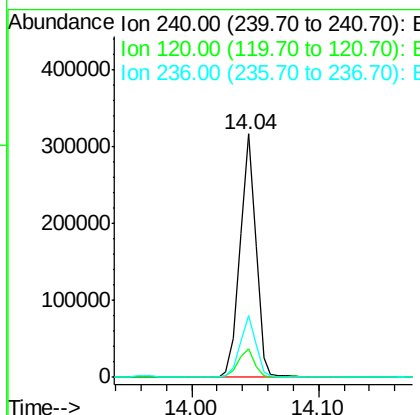
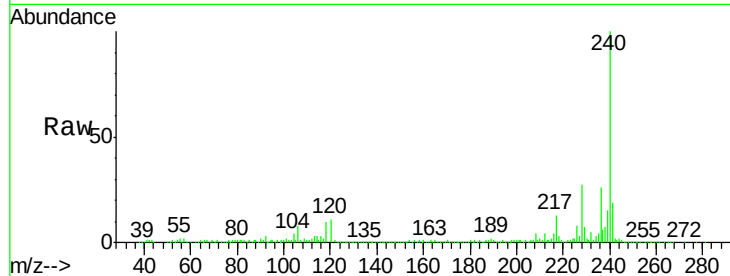
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100585.D
Acq: 15 Nov 2017 13:56

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	270569		
120	11.5	9.5	14.3	
236	25.6	20.7	31.1	

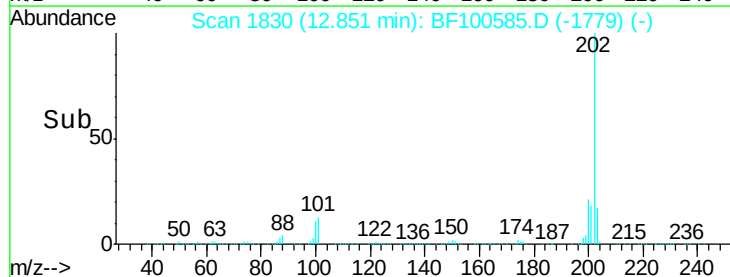
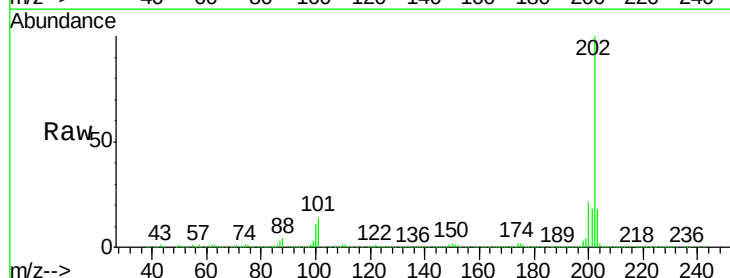
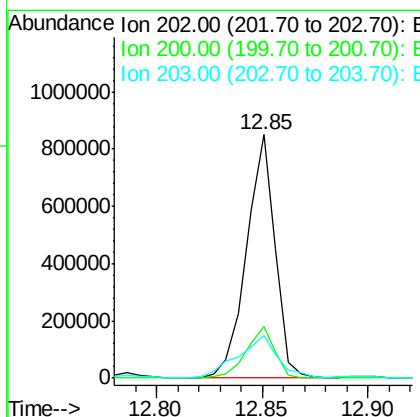
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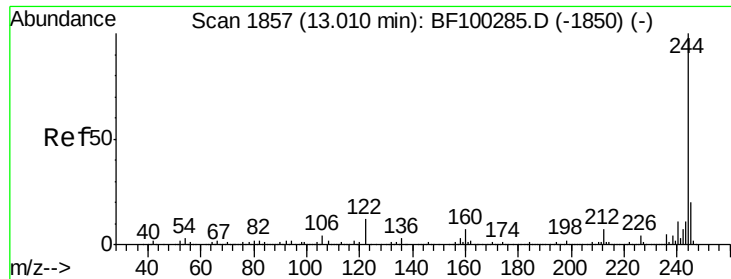
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#77
Pyrene
Concen: 41.332 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF100585.D
Acq: 15 Nov 2017 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	797186		
200	21.0	17.4	26.2	
203	17.8	14.3	21.5	





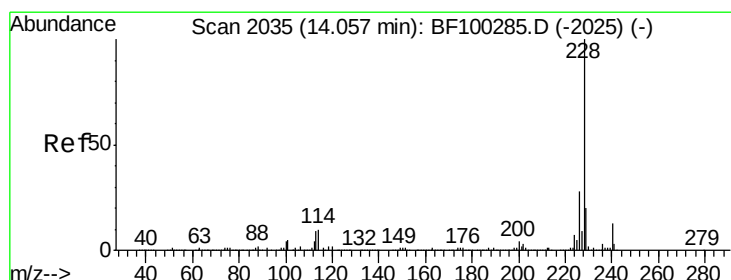
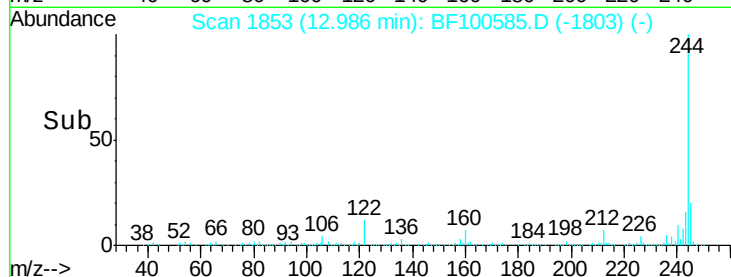
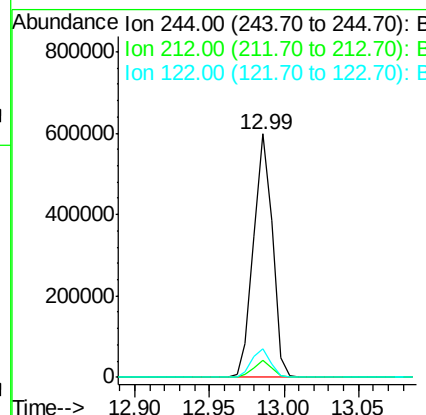
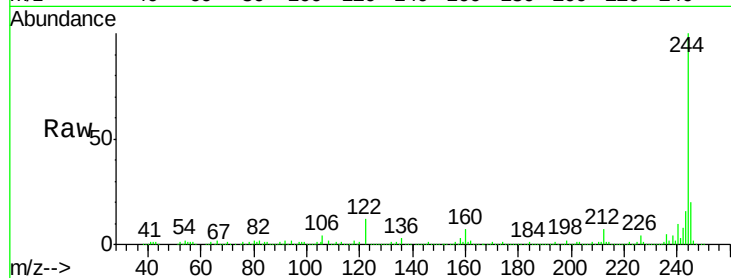
#78
 Terphenyl-d14
 Concen: 44.245 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF100585.D
 Acq: 15 Nov 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.9	11.0	16.4

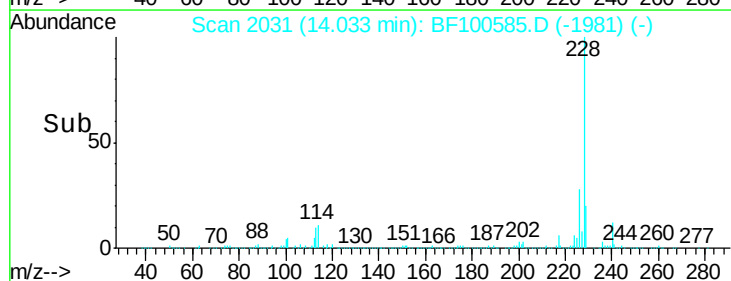
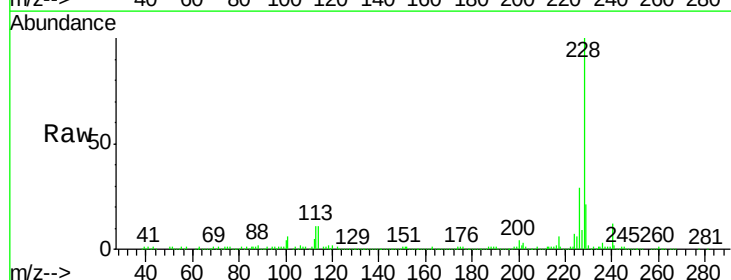
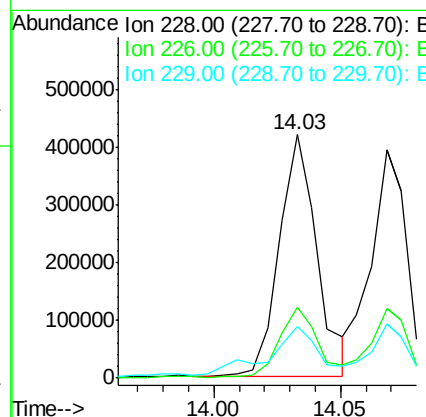
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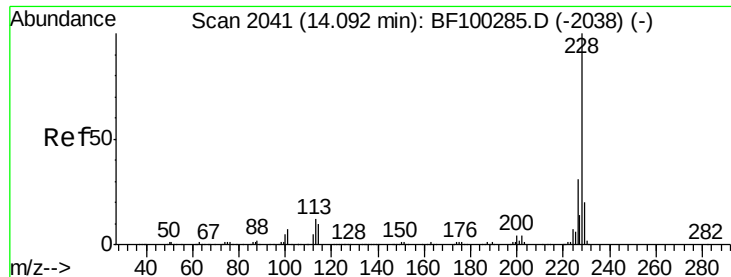
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#80
 Benzo(a)anthracene
 Concen: 26.800 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF100585.D
 Acq: 15 Nov 2017 13:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	21.4	15.8	23.6





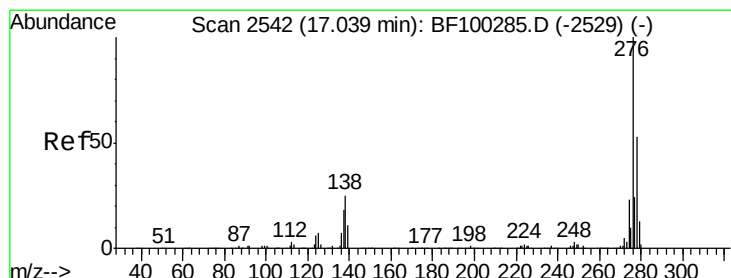
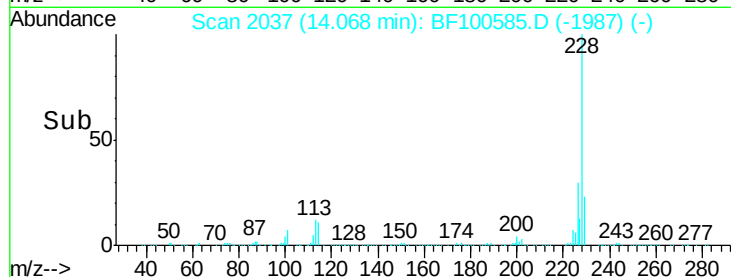
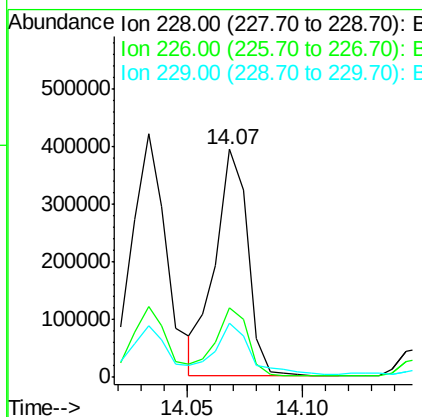
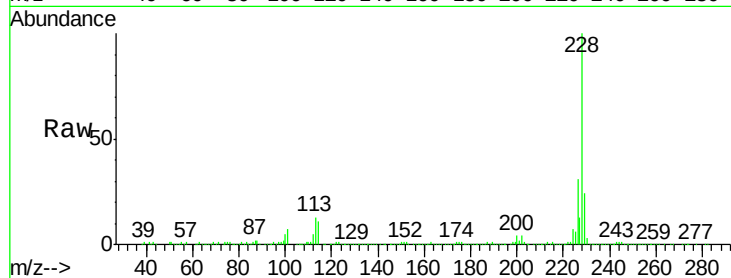
#82
Chrysene
Concen: 24.489 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF100585.D
Acq: 15 Nov 2017 13:56

Instrument :
BNA_F
ClientSampled :
TP-10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	23.8	16.2	24.4

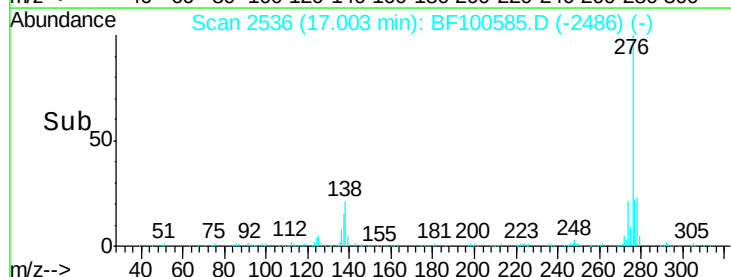
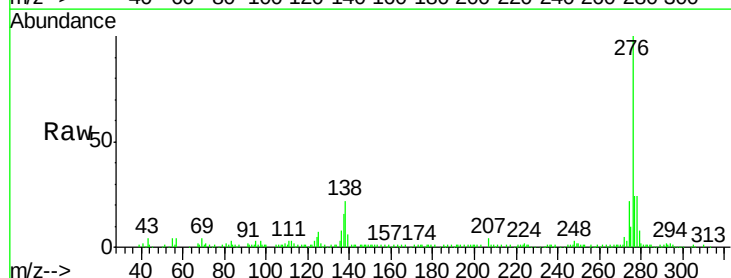
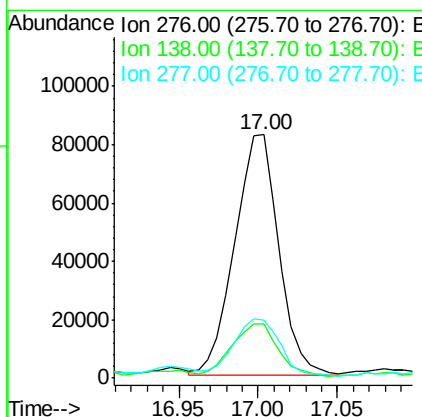
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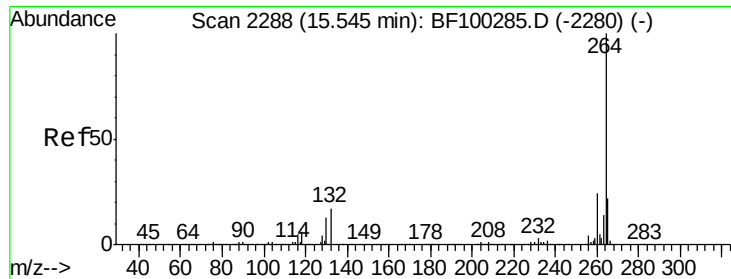
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#85
Indeno(1,2,3-cd)pyrene
Concen: 12.476 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF100585.D
Acq: 15 Nov 2017 13:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	25.0	37.6#
277	25.2	20.1	30.1





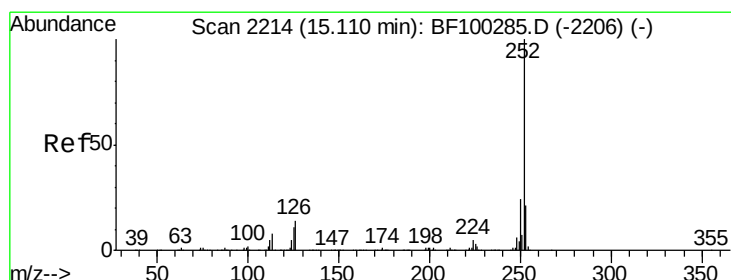
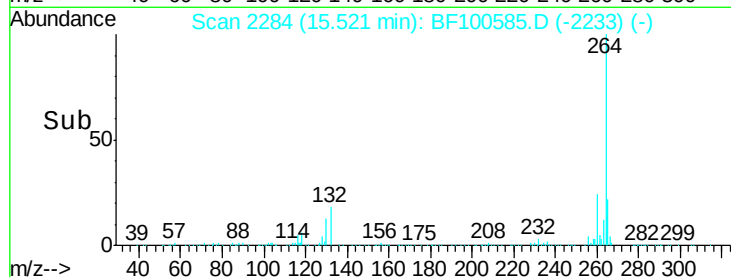
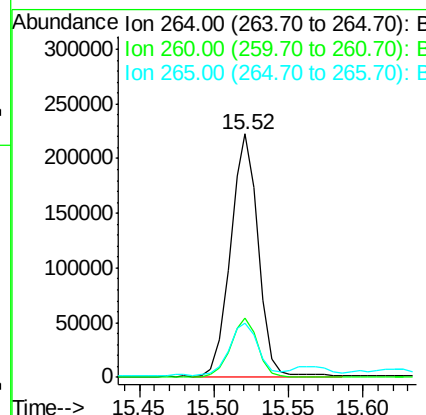
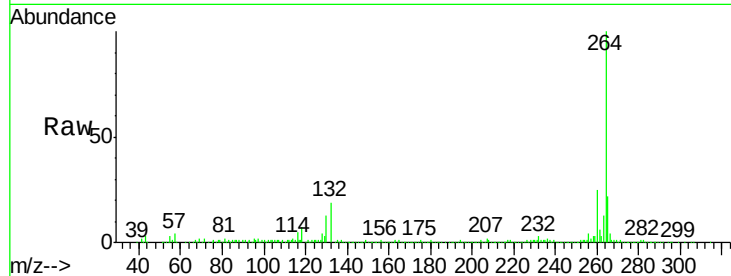
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF100585.D
Acq: 15 Nov 2017 13:56

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.4	17.5	26.3

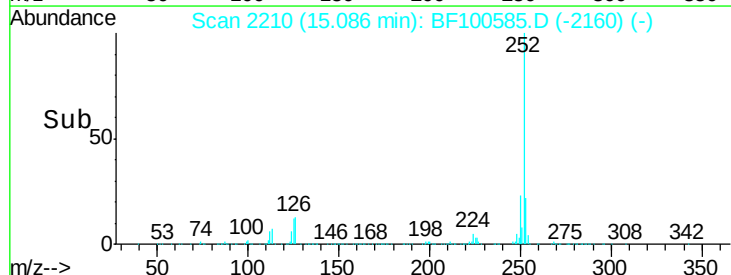
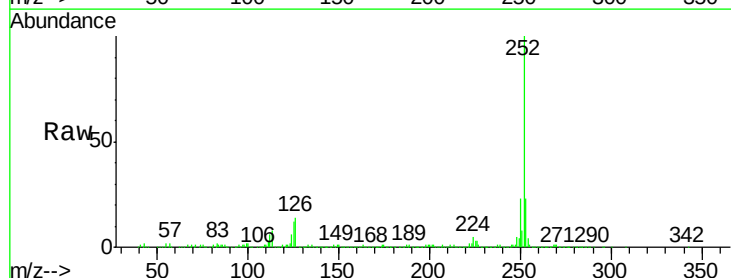
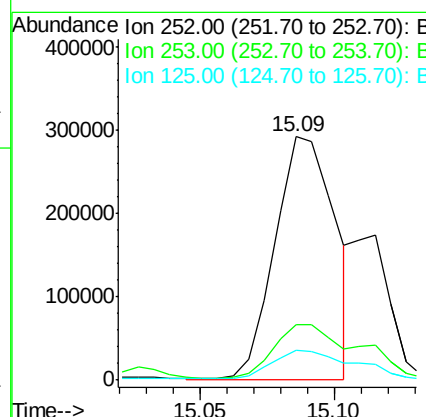
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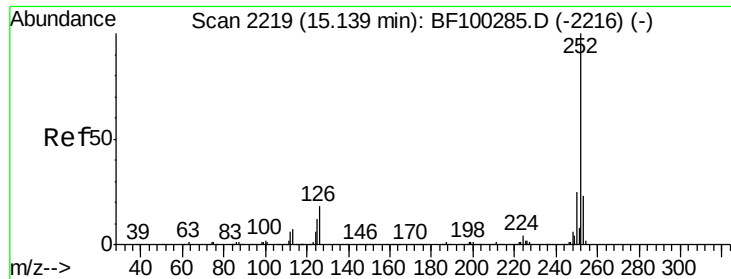
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#87
Benzo(b)fluoranthene
Concen: 26.637 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF100585.D
Acq: 15 Nov 2017 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	12.4	9.0	13.6





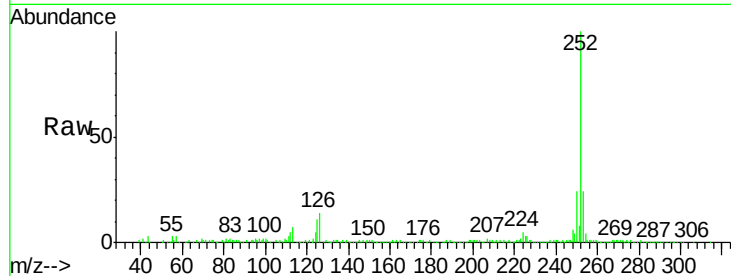
#88
Benzo(k)fluoranthene
Concen: 10.323 ng m
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF100585.D
Acq: 15 Nov 2017 13:56

Instrument :
BNA_F
ClientSampled :
TP-10

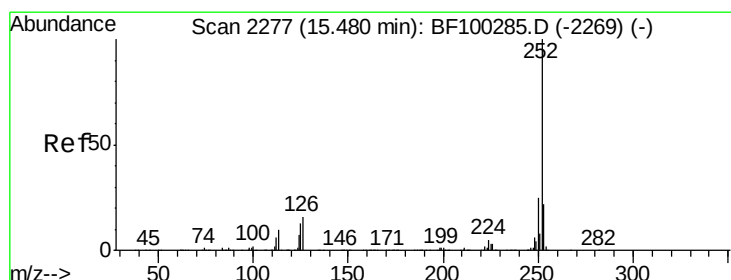
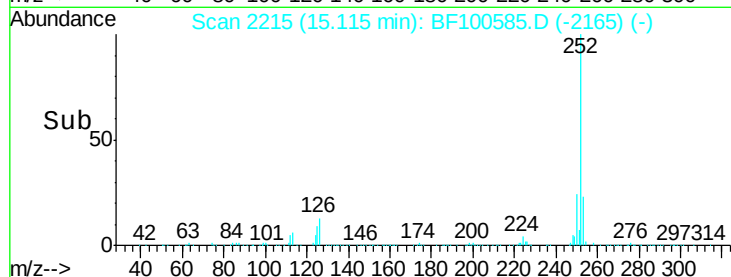
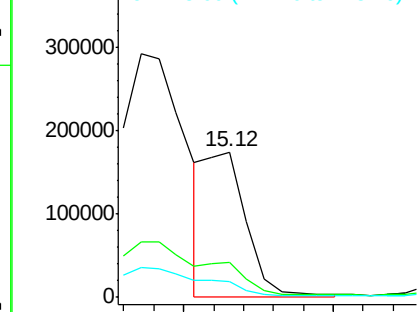
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	10.6	10.2	15.2

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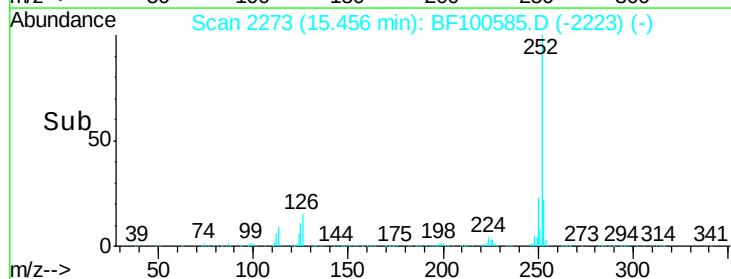
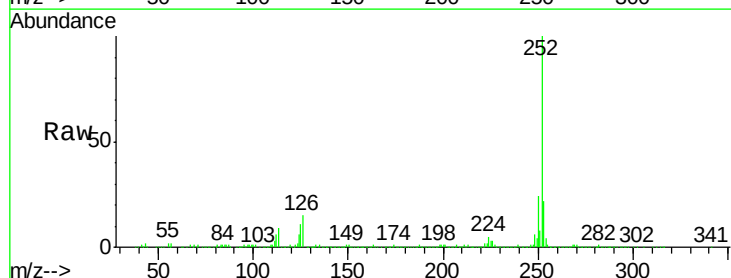
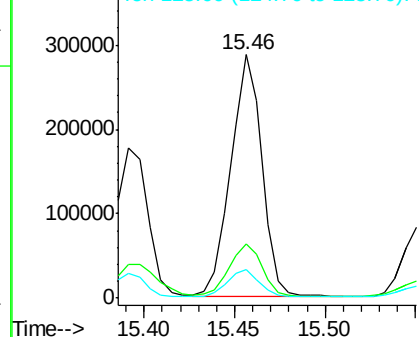
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

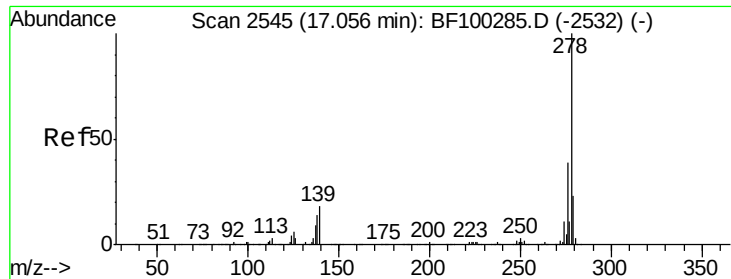


#89
Benzo(a)pyrene
Concen: 22.563 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF100585.D
Acq: 15 Nov 2017 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	11.5	9.8	14.6

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





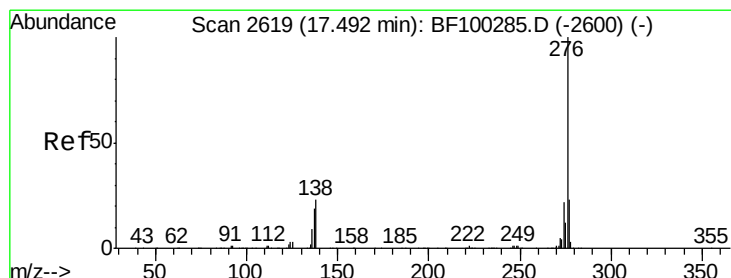
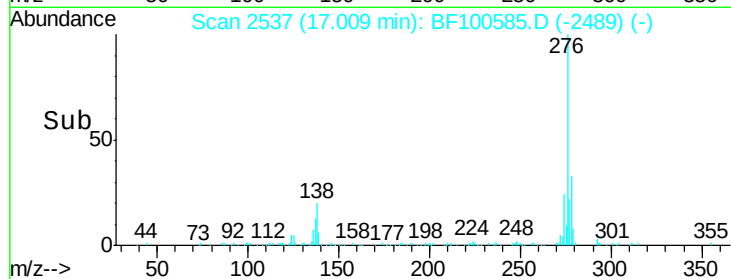
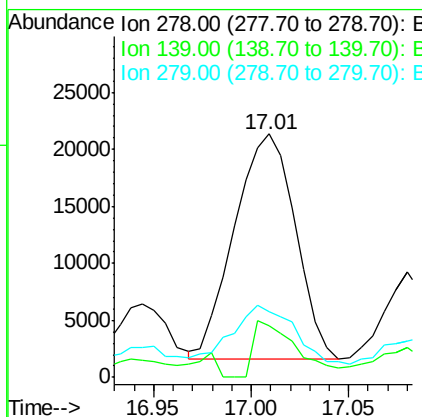
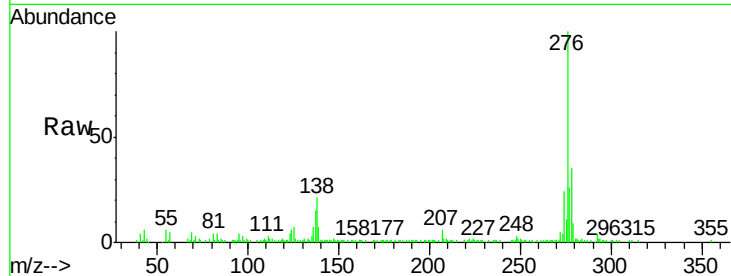
#90
Dibenzo(a,h)anthracene
Concen: 3.421 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.02 min
Lab File: BF100585.D
Acq: 15 Nov 2017 13:56

Instrument :
BNA_F
ClientSampled :
TP-10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	15.9	23.9
279	27.1	19.0	28.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 11.751 ng
RT: 17.45 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF100585.D
Acq: 15 Nov 2017 13:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	24.0	21.8	32.8

