

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100878.D
 Acq On : 23 Nov 2017 16:24
 Operator : SJ/JU
 Sample : I6565-01DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3874DL

Manual Integrations
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Sohil
 11/27/2017 3:21:16 PM

Quant Time: Nov 27 06:54:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	78499	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	297353	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	135139	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	221392	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	142585	20.00	ng	-0.02
86) Perylene-d12	15.49	264	158666	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	87289	17.82	ng	-0.03
7) Phenol-d6	6.47	99	112181	18.58	ng	-0.04
23) Nitrobenzene-d5	7.42	82	63084	14.03	ng	-0.04
41) 2,4,6-Tribromophenol	10.68	330	27208	19.76	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	151985	17.13	ng	-0.03
78) Terphenyl-d14	12.96	244	94638	15.25	ng	-0.02
Target Compounds						
70) Phenanthrene	11.40	178	32411	2.780	ng	95
74) Fluoranthene	12.59	202	76654	6.205	ng	92
77) Pyrene	12.82	202	65516	6.446	ng	99
80) Benzo(a)anthracene	14.01	228	37104	4.321	ng	97
82) Chrysene	14.04	228	31503	3.789	ng	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	186527	34.214	ng	98
85) Indeno(1,2,3-cd)pyrene	16.96	276	18826	2.799	ng	93
87) Benzo(b)fluoranthene	15.06	252	44880m	4.774	ng	
88) Benzo(k)fluoranthene	15.09	252	19051m	2.145	ng	
89) Benzo(a)pyrene	15.43	252	33156	3.979	ng	97
91) Benzo(g,h,i)perylene	17.41	276	15880	2.380	ng	92

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

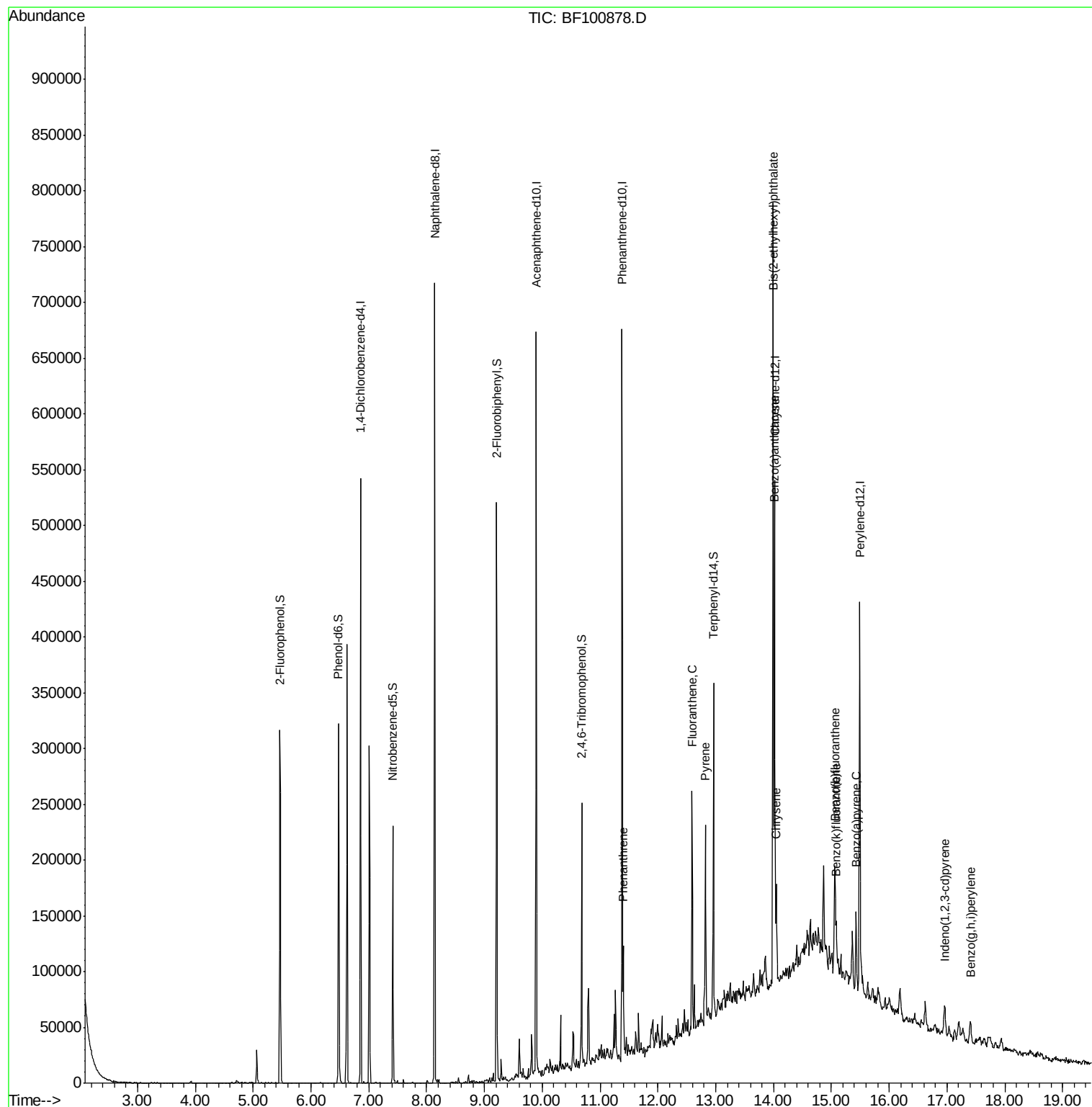
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100878.D
Acq On : 23 Nov 2017 16:24
Operator : SJ/JU
Sample : I6565-01DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

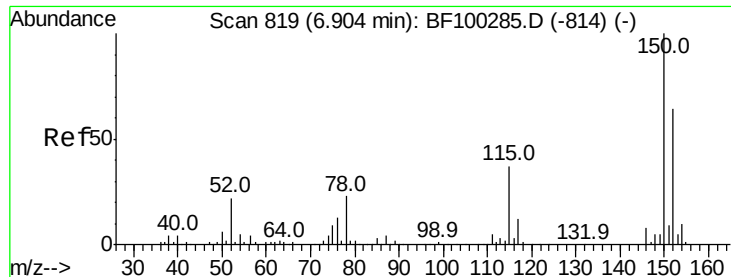
Instrument :
BNA_F
ClientSampled :
RT-3874DL

Manual Integrations
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#1

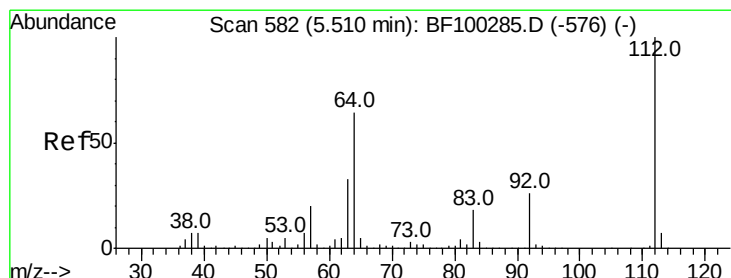
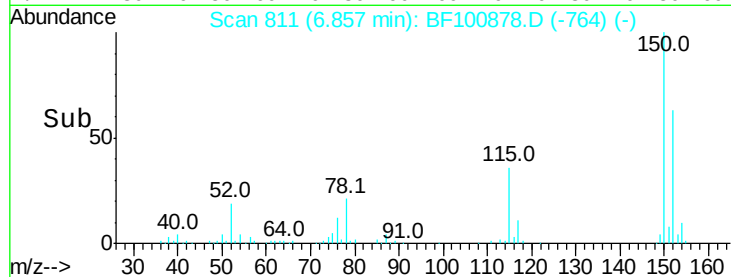
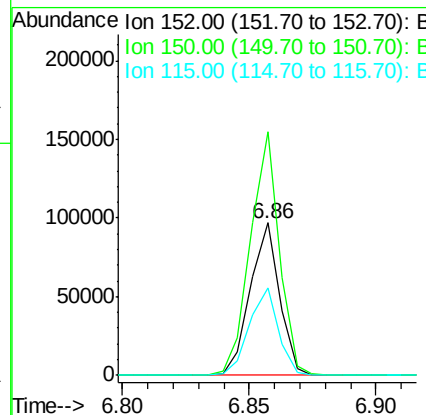
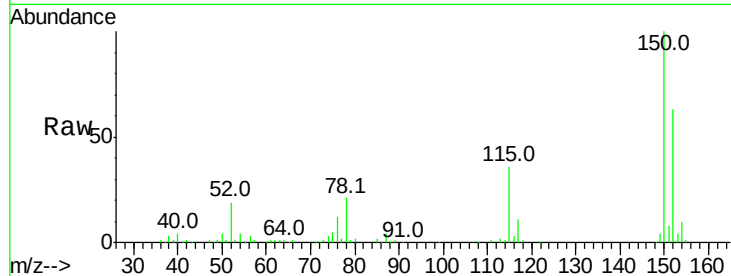
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Instrument :
BNA_F
ClientSampleId :
RT-3874DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	57.6	50.1	75.1

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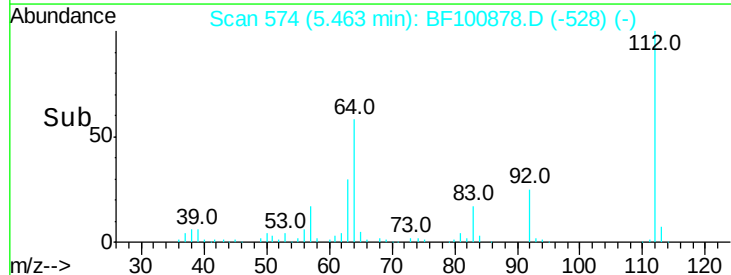
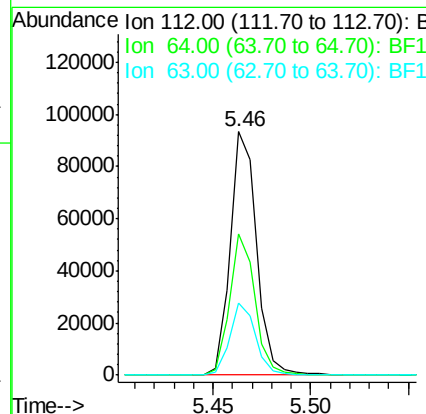
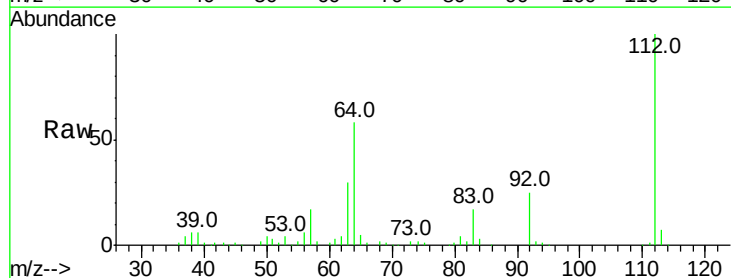
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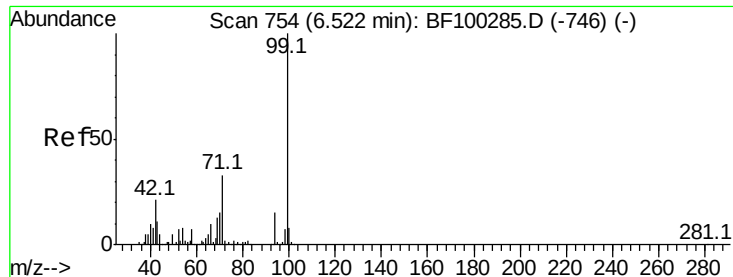


#5

2-Fluorophenol
Concen: 17.825 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.03 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	29.6	23.7	35.5





#7

Phenol-d6

Concen: 18.577 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.04 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

Instrument :

BNA_F

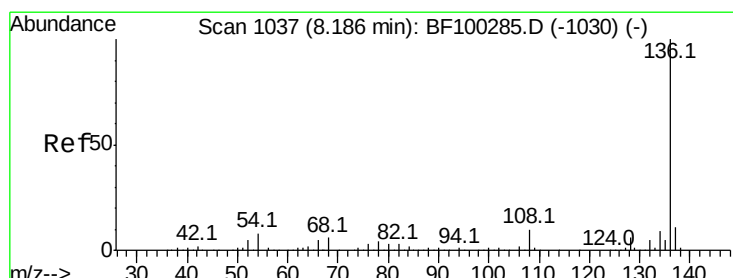
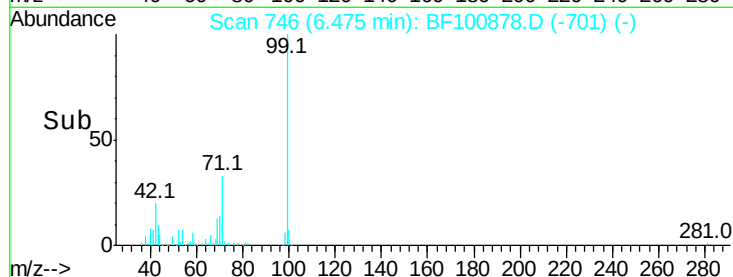
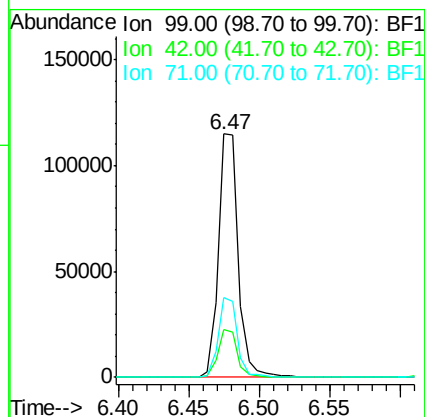
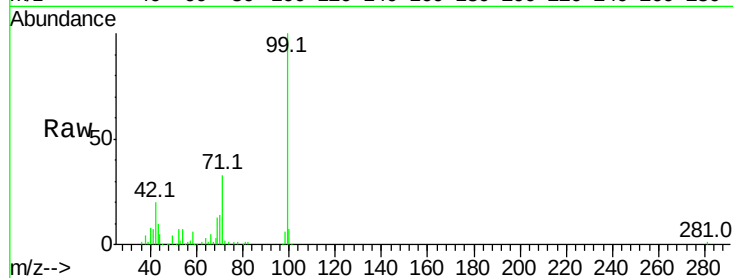
ClientSampleId :

RT-3874DL

Tot Ion:	99	Resp:	112181
Ion Ratio	Lower	Upper	
99	100		
42	19.6	14.5	21.7
71	32.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

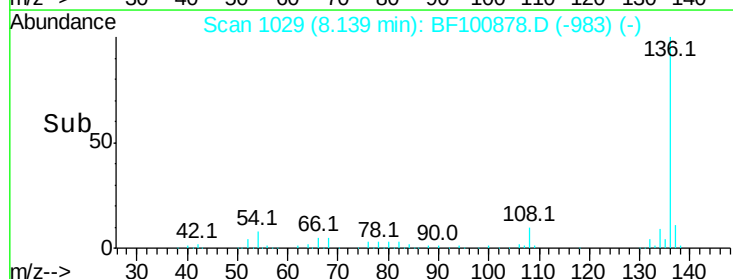
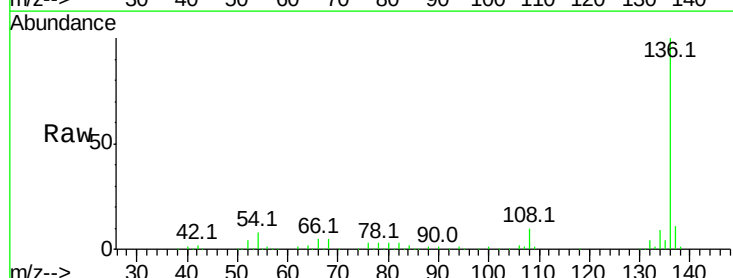
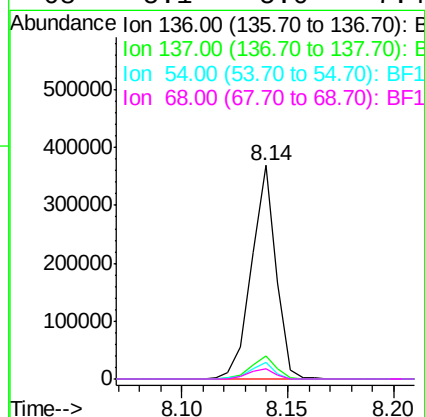
RT: 8.14 min Scan# 1029

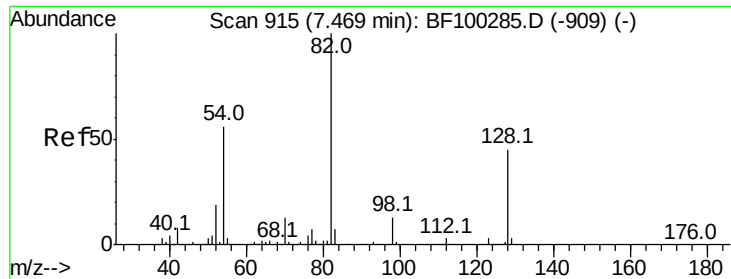
Delta R.T. -0.03 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

Tgt Ion:	136	Resp:	297353
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.7	6.6	9.8
68	5.1	5.0	7.4





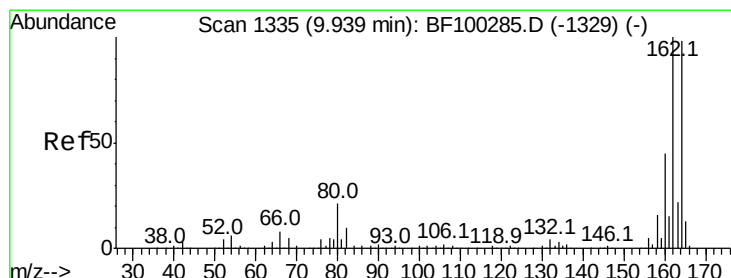
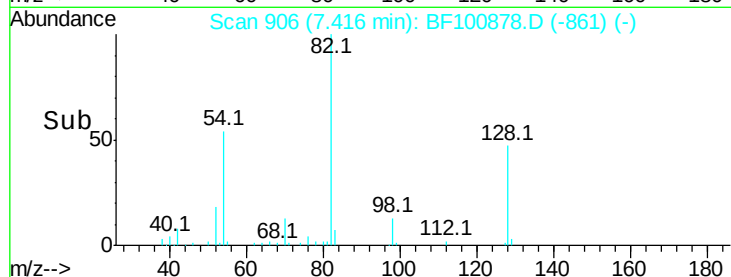
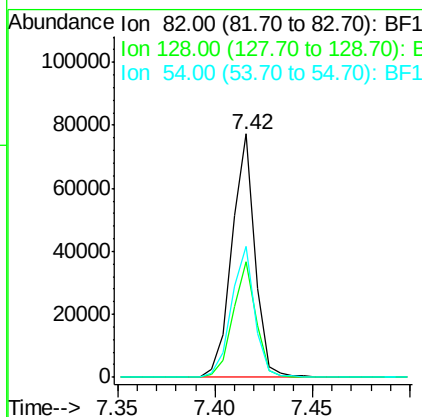
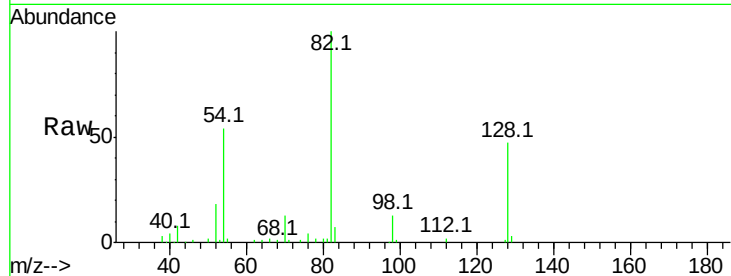
#23
 Nitrobenzene-d5
 Concen: 14.026 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.04 min
 Lab File: BF100878.D
 Acq: 23 Nov 2017 16:24

Instrument :
 BNA_F
 ClientSampled :
 RT-3874DL

Tot Ion	82	Resp	63084
Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	53.8	41.4	62.2

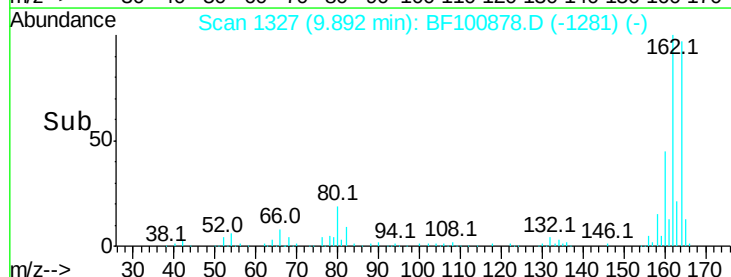
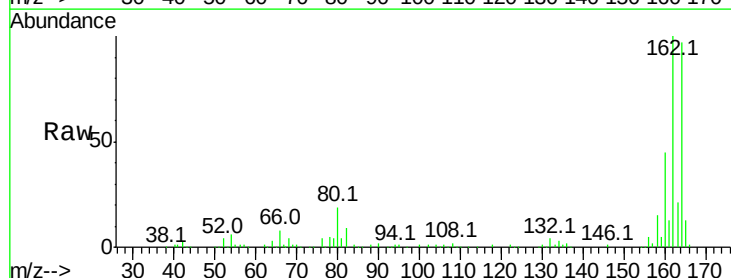
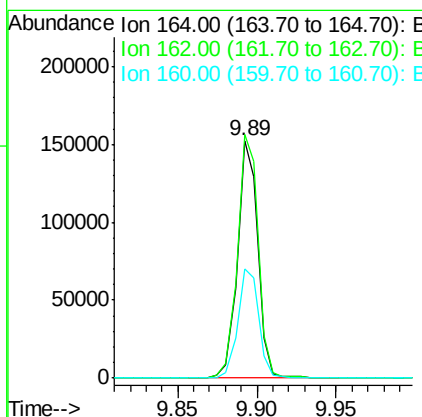
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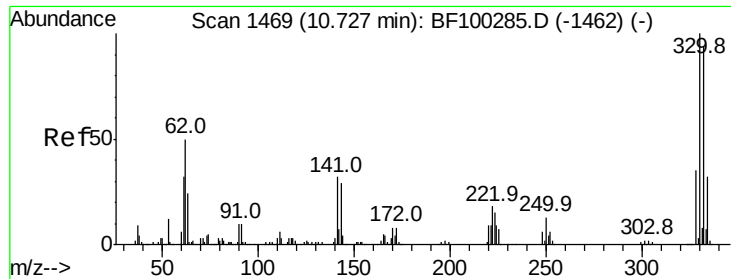
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF100878.D
 Acq: 23 Nov 2017 16:24

Tgt Ion	164	Resp	135139
Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	45.9	38.3	57.5





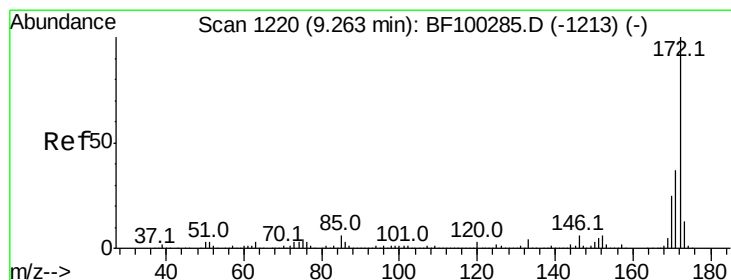
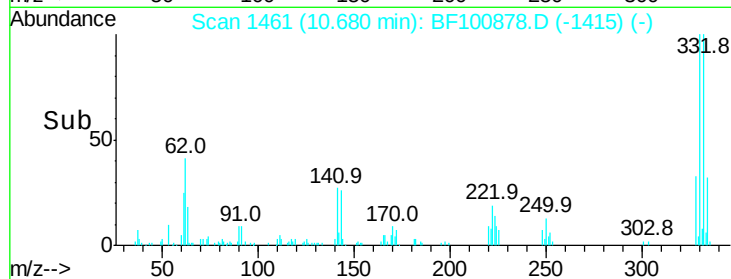
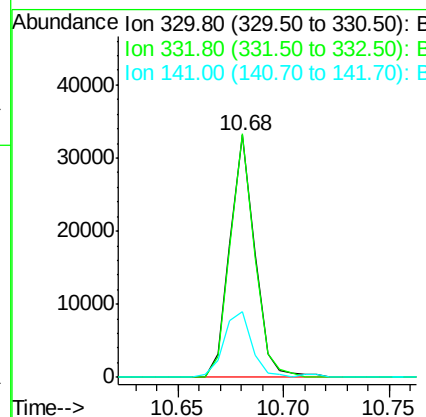
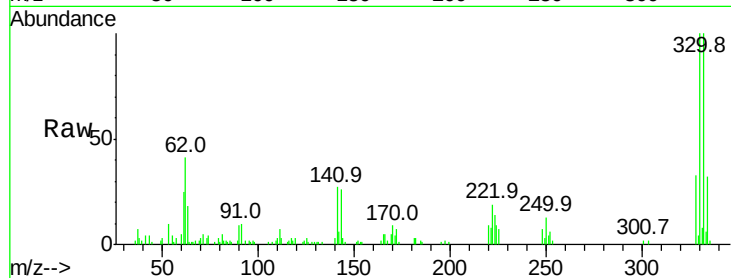
#41
 2,4,6-Tribromophenol
 Concen: 19.758 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.03 min
 Lab File: BF100878.D
 Acq: 23 Nov 2017 16:24

Instrument :
 BNA_F
 ClientSampled :
 RT-3874DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	30.7	29.9	44.9

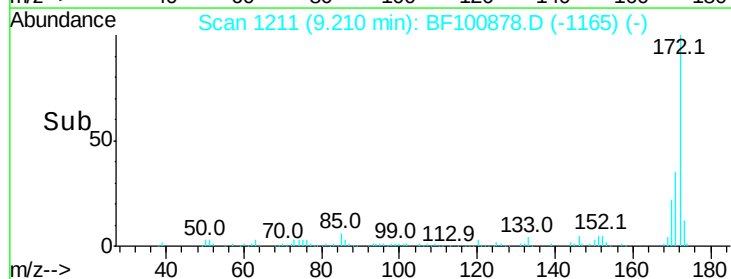
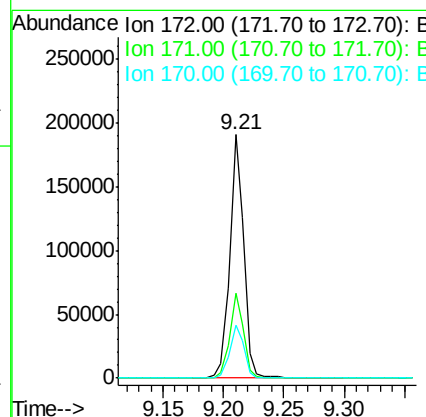
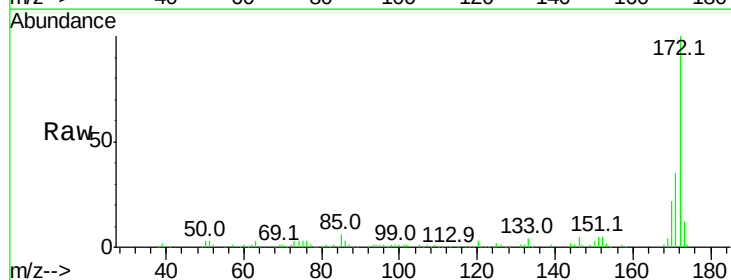
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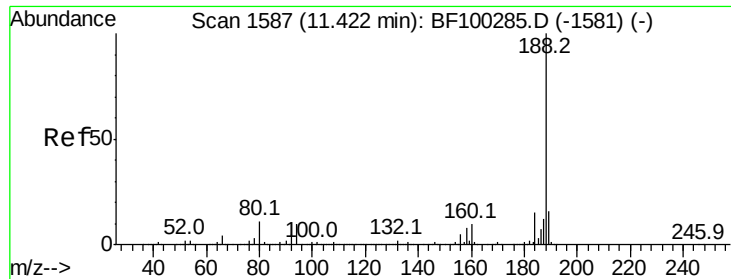
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#44
 2-Fluorobiphenyl
 Concen: 17.125 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.03 min
 Lab File: BF100878.D
 Acq: 23 Nov 2017 16:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	22.0	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

Instrument :

BNA_F

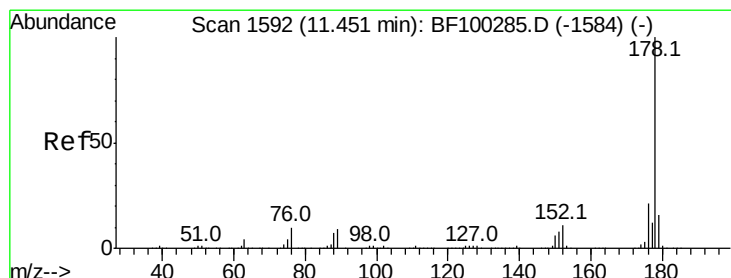
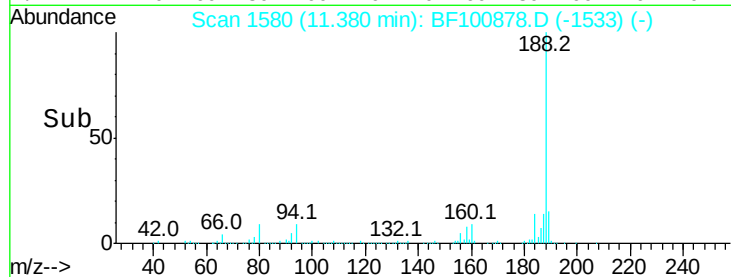
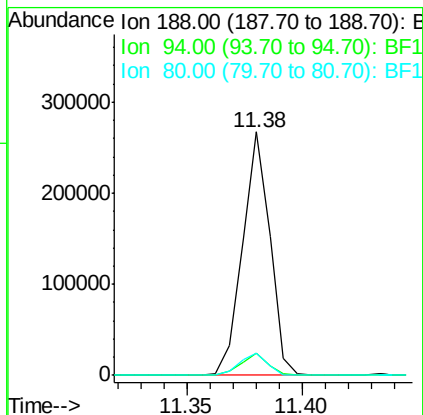
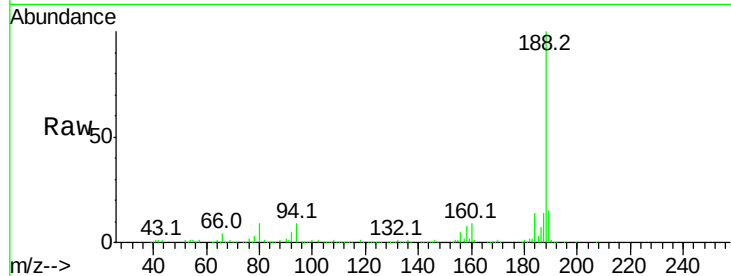
ClientSampleId :

RT-3874DL

Tot Ion:	188	Resp:	221392
Ion Ratio	Lower	Upper	
188	100		
94	8.9	8.5	12.7
80	9.1	9.2	13.8#

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#70

Phenanthrene

Concen: 2.780 ng

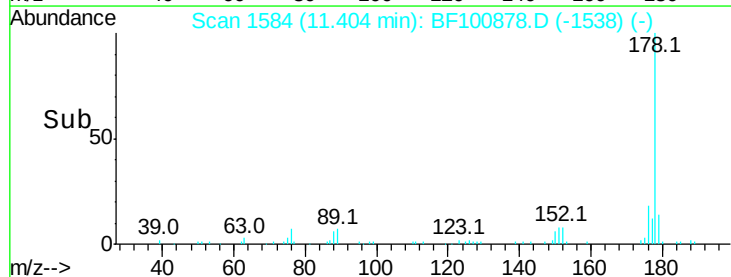
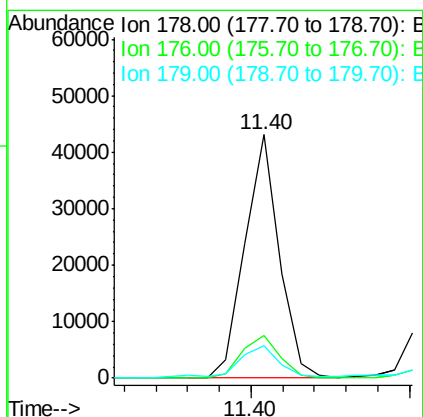
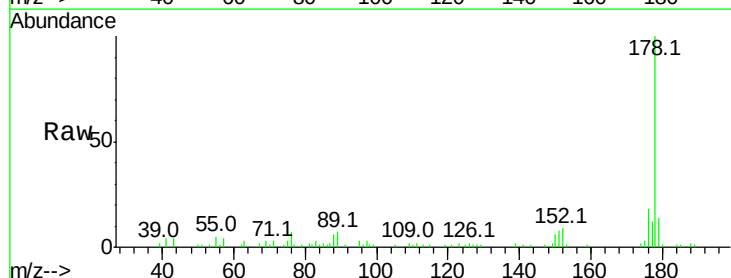
RT: 11.40 min Scan# 1584

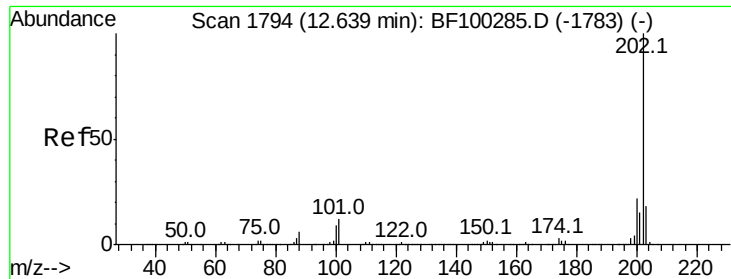
Delta R.T. -0.03 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

Tgt Ion:	178	Resp:	32411
Ion Ratio	Lower	Upper	
178	100		
176	17.7	15.8	23.8
179	13.5	13.0	19.6





#74

Fluoranthene

Concen: 6.205 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.03 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

Instrument :

BNA_F

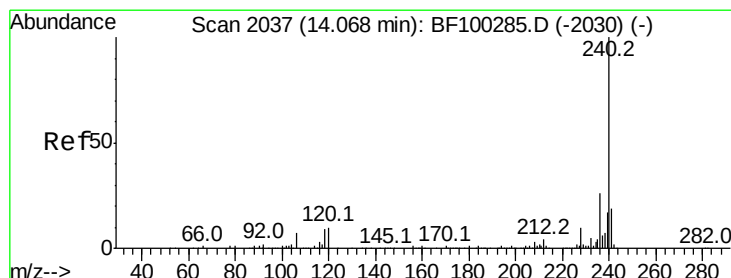
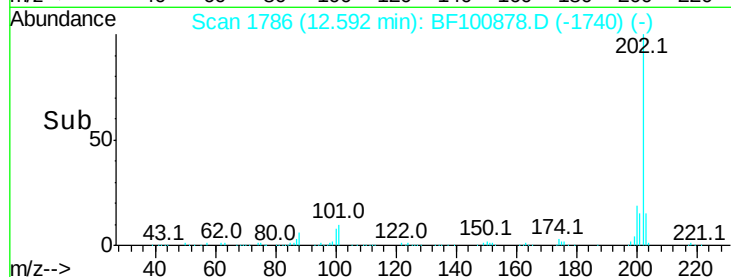
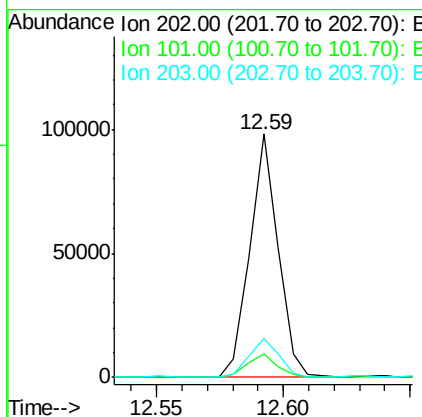
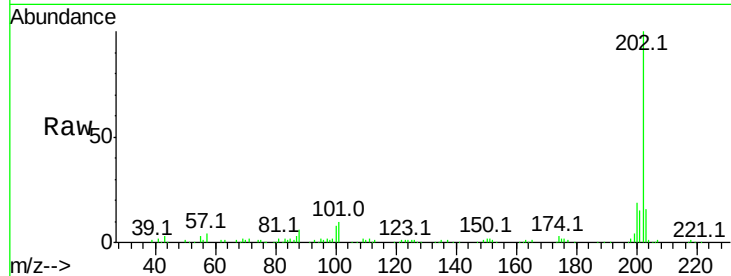
ClientSampled :

RT-3874DL

Tot Ion:	202	Resp:	76654
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	34.1
203	15.8	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

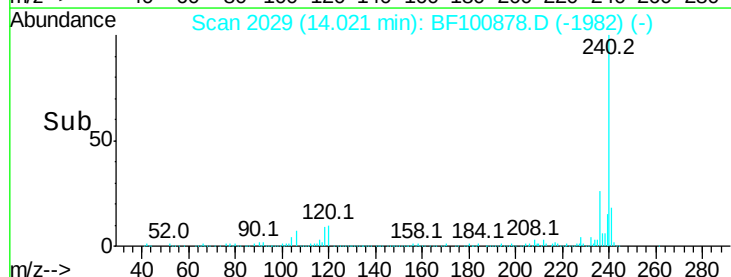
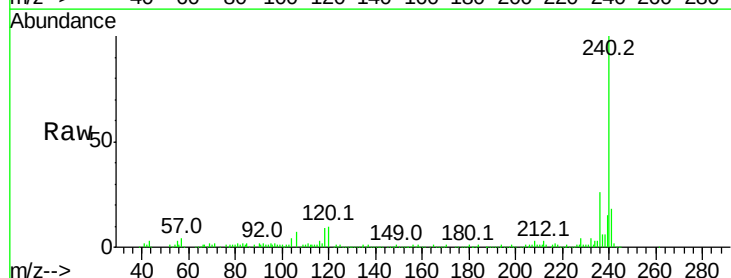
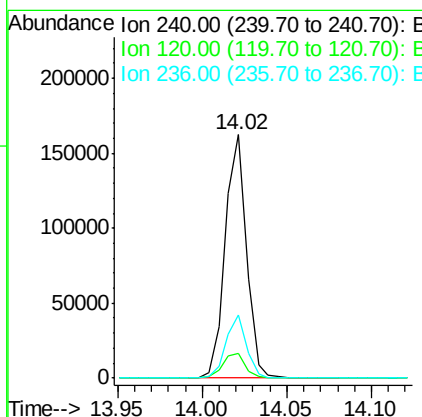
RT: 14.02 min Scan# 2029

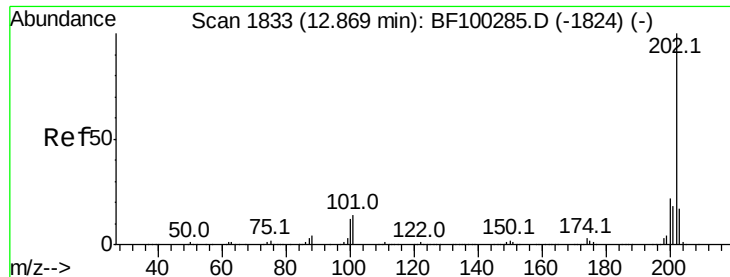
Delta R.T. -0.02 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

Tgt Ion:	240	Resp:	142585
Ion Ratio	Lower	Upper	
240	100		
120	10.3	9.5	14.3
236	25.7	20.7	31.1





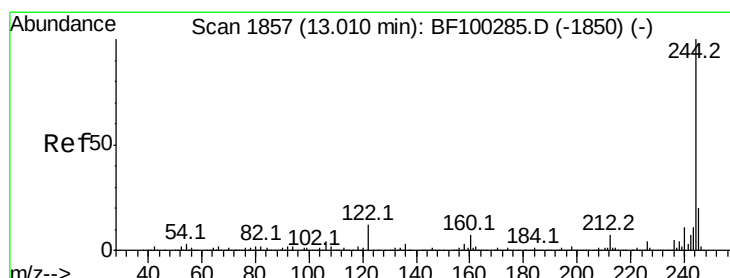
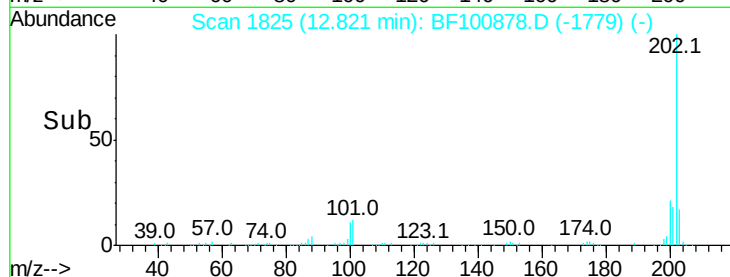
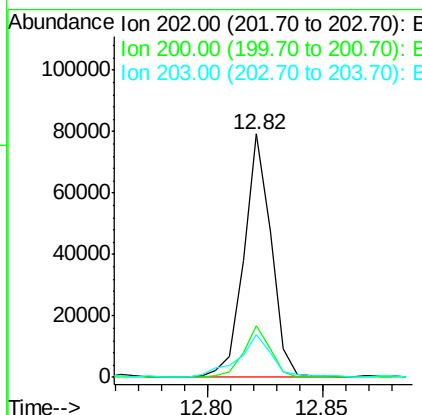
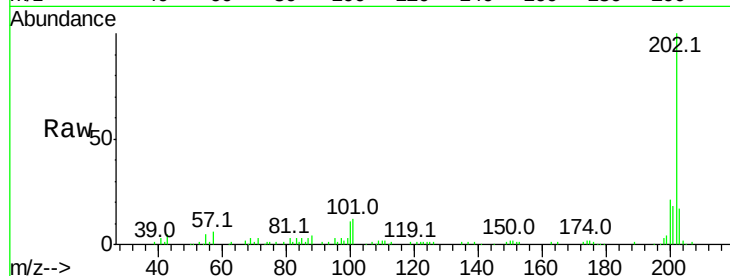
#77
 Pvrene
 Concen: 6.446 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.03 min
 Lab File: BF100878.D
 Acq: 23 Nov 2017 16:24

Instrument :
 BNA_F
 ClientSampleID :
 RT-3874DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.4	14.3	21.5

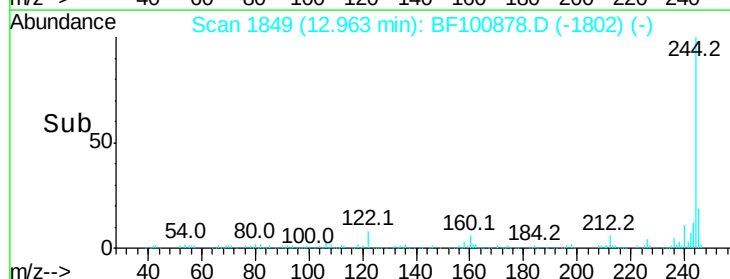
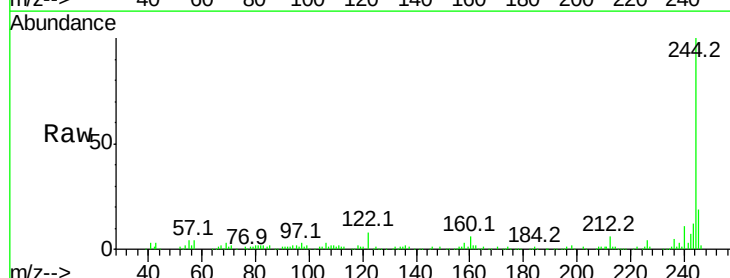
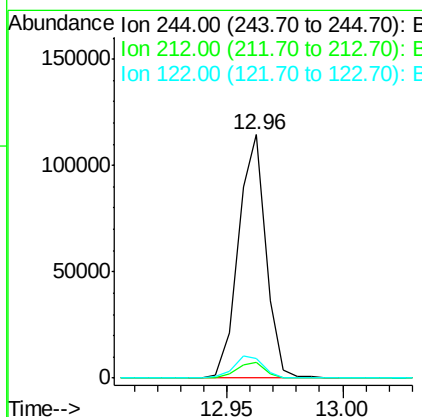
Manual Integrations
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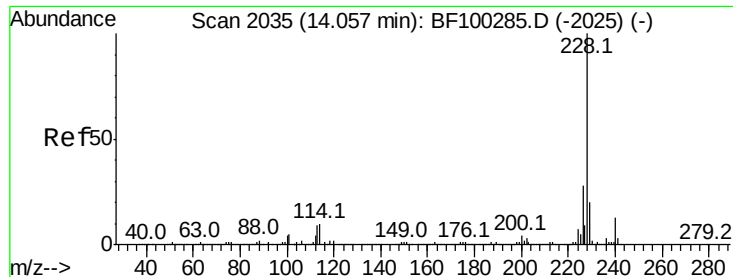
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#78
 Terphenyl-d14
 Concen: 15.251 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.02 min
 Lab File: BF100878.D
 Acq: 23 Nov 2017 16:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.1	11.0	16.4#





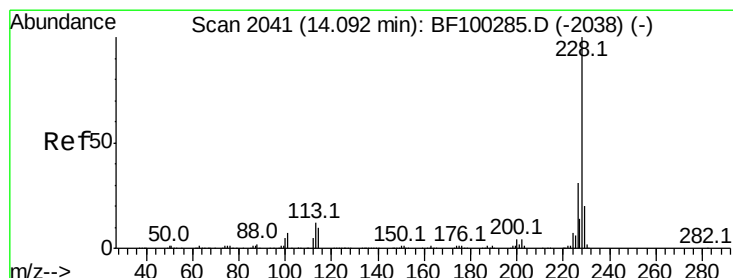
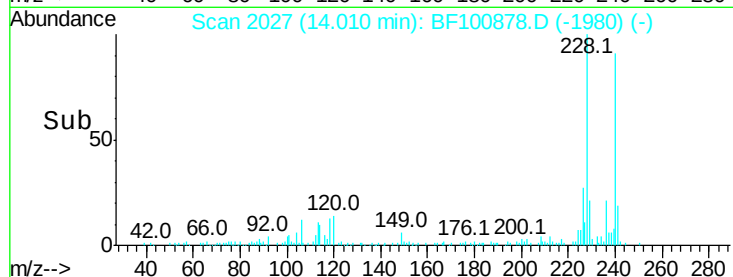
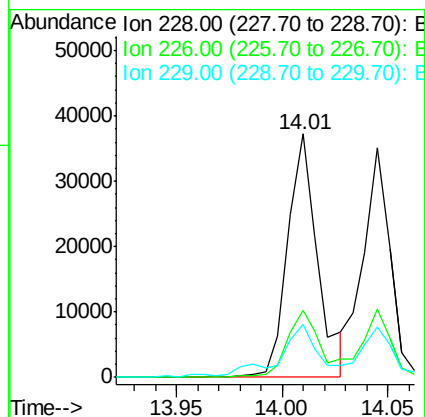
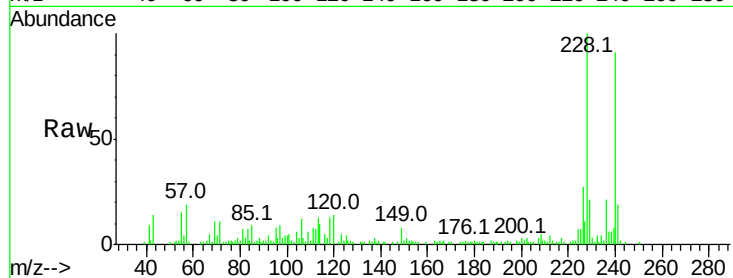
#80
Benzo(a)anthracene
Concen: 4.321 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Instrument :
BNA_F
ClientSampled :
RT-3874DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	21.5	15.8	23.6

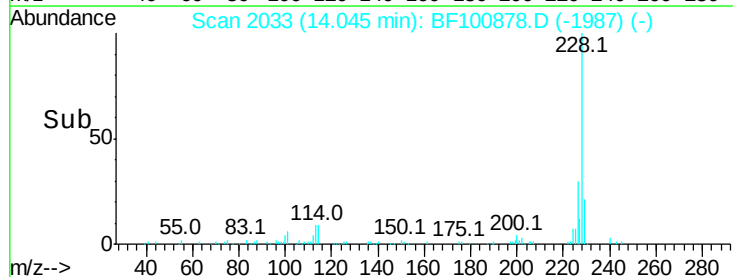
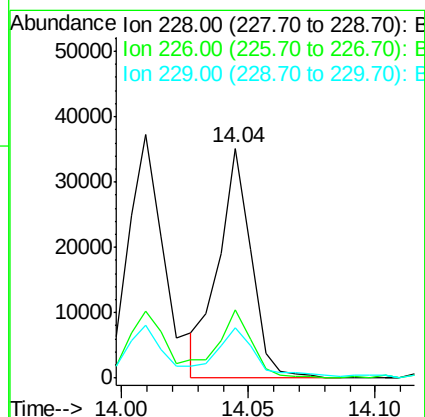
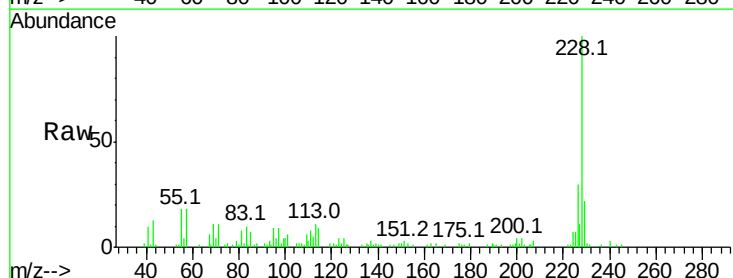
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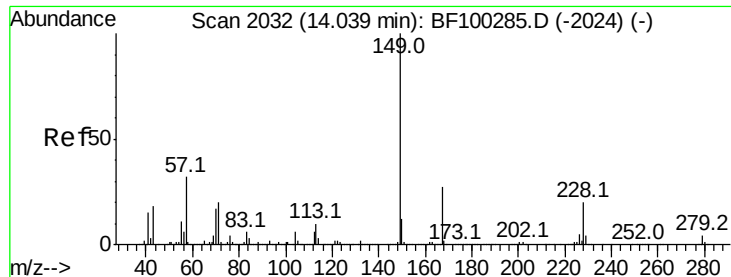
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#82
Chrysene
Concen: 3.789 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.03 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	21.9	16.2	24.4





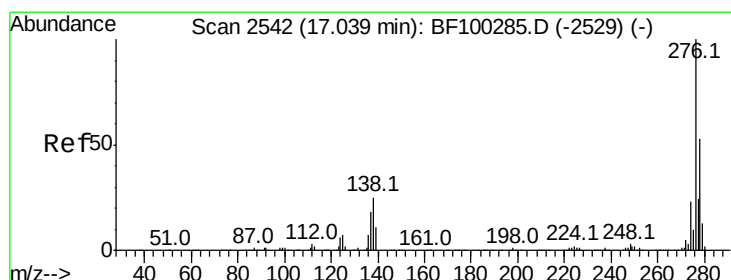
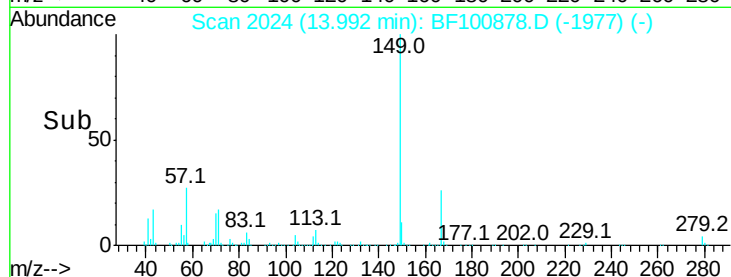
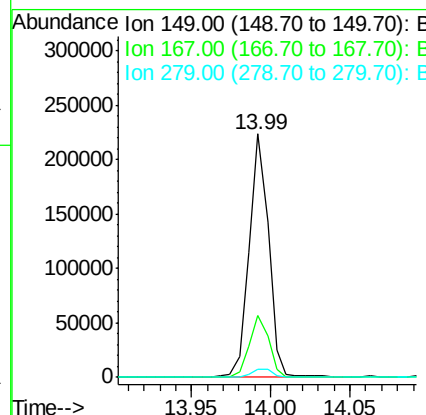
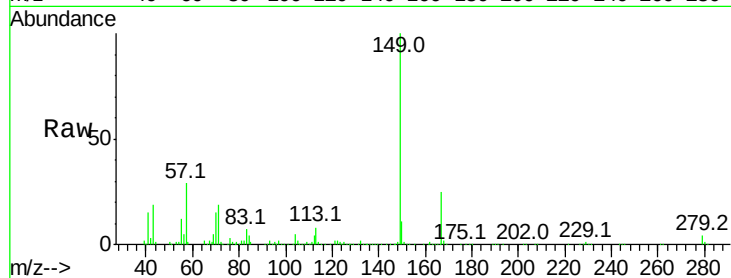
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.214 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF100878.D
 Acq: 23 Nov 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 RT-3874DL

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.3	31.9
279	3.5	3.0	4.4

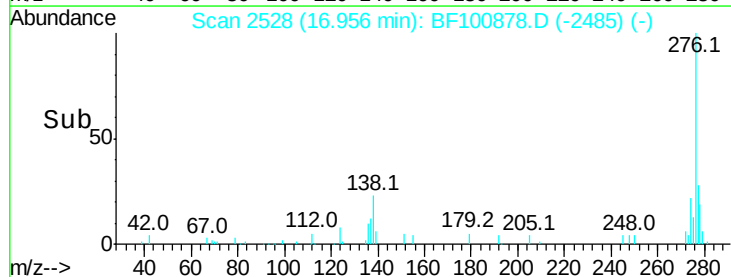
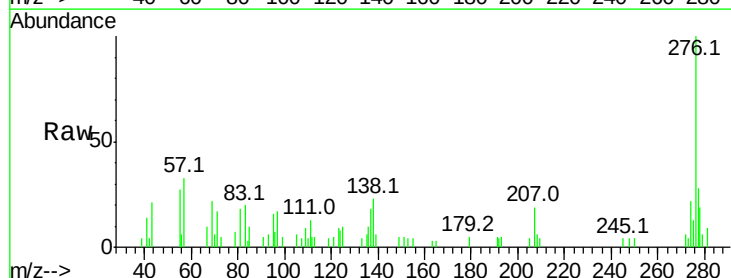
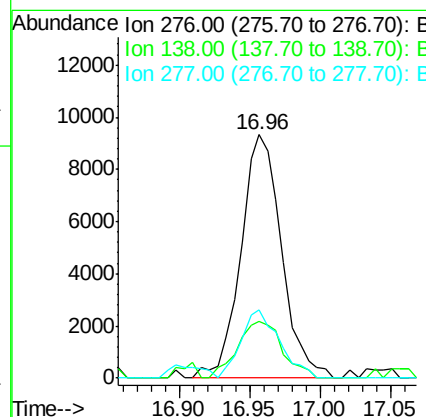
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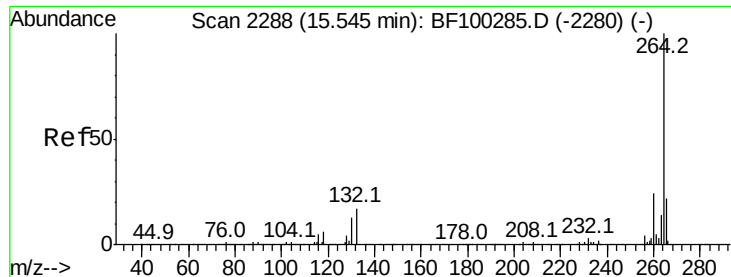
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.799 ng
 RT: 16.96 min Scan# 2528
 Delta R.T. -0.05 min
 Lab File: BF100878.D
 Acq: 23 Nov 2017 16:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	25.0	37.6
277	26.5	20.1	30.1





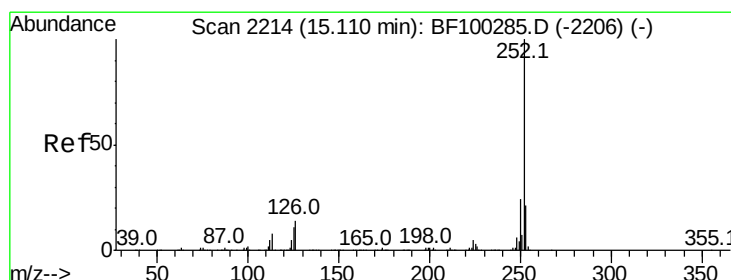
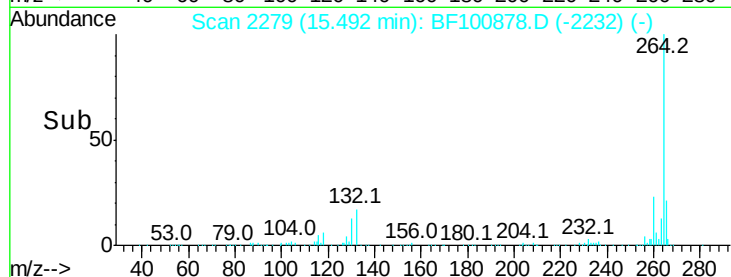
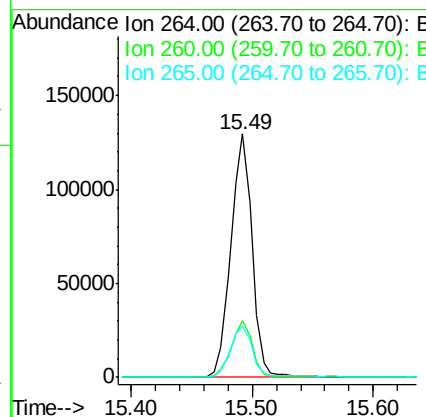
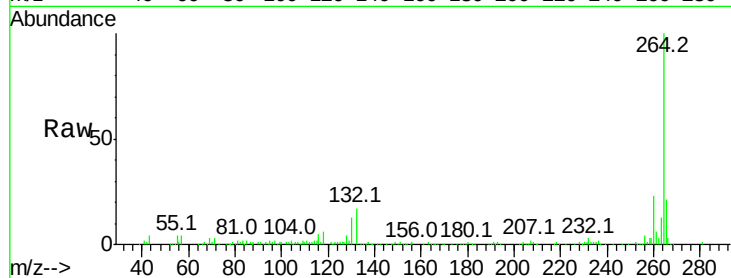
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Instrument :
BNA_F
ClientSampleId :
RT-3874DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.1	17.5	26.3

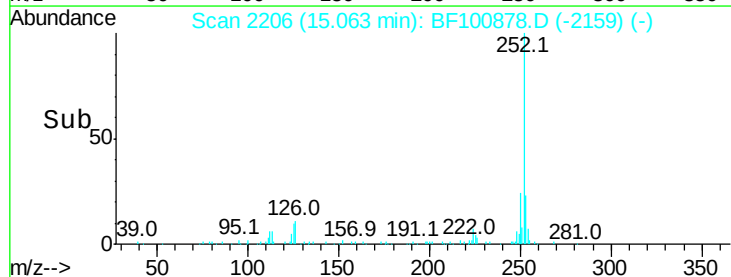
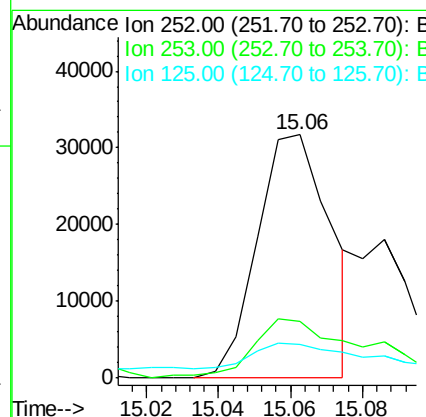
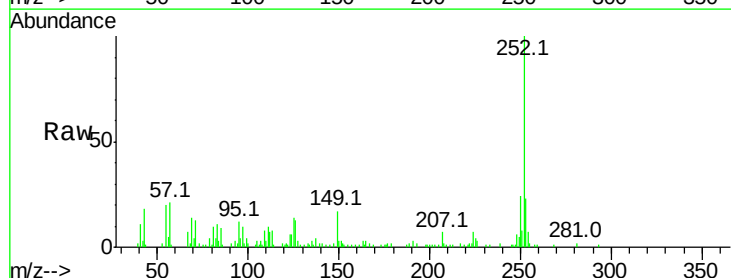
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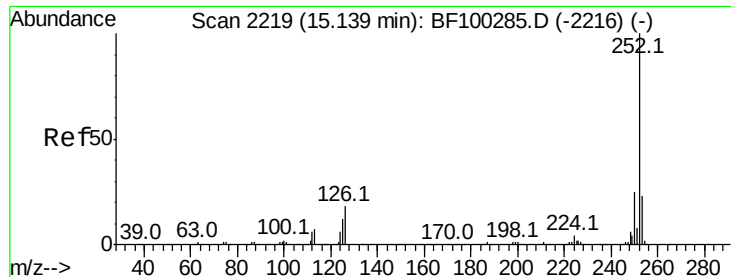
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#87
Benzo(b)fluoranthene
Concen: 4.774 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	14.0	9.0	13.6





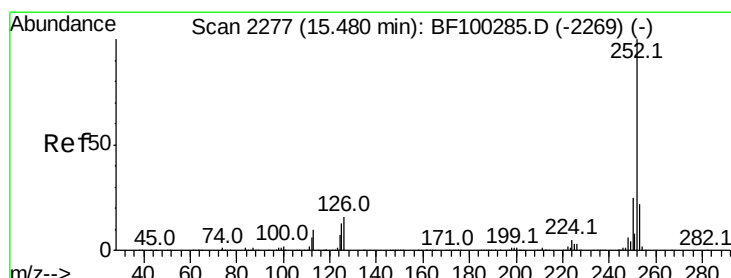
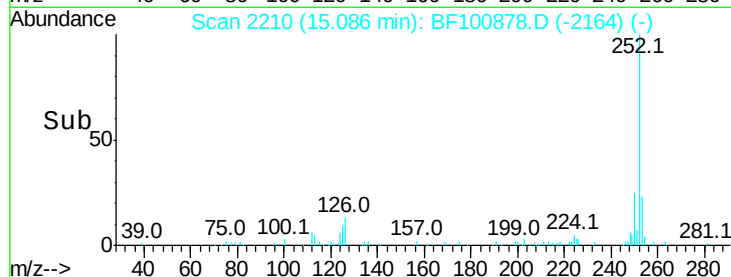
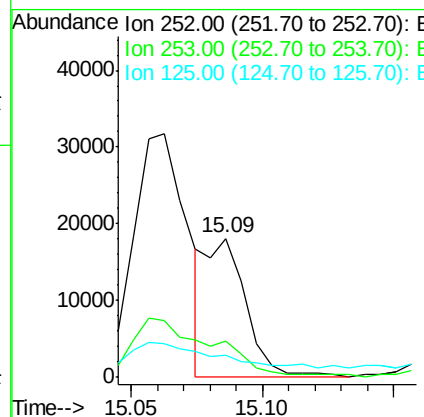
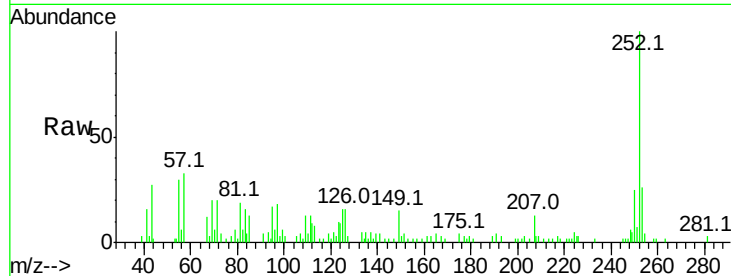
#88
Benzo(k)fluoranthene
Concen: 2.145 ng/mL
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Instrument :
BNA_F
ClientSampleID :
RT-3874DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.9	26.9
125	15.8	10.2	15.2

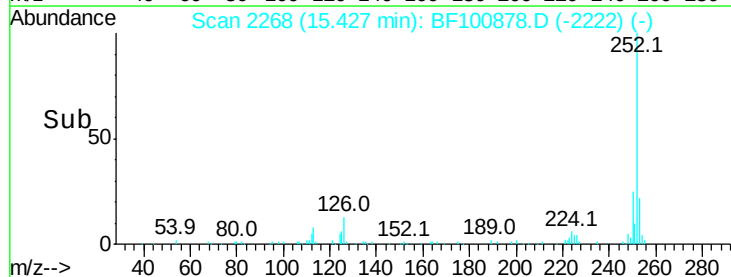
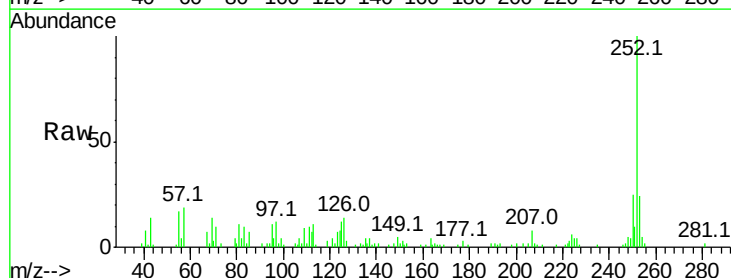
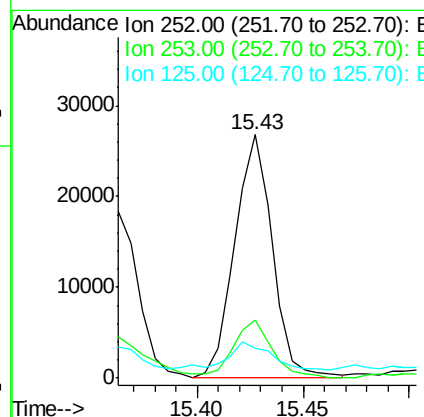
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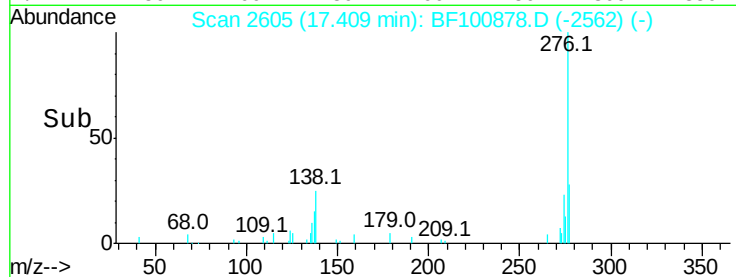
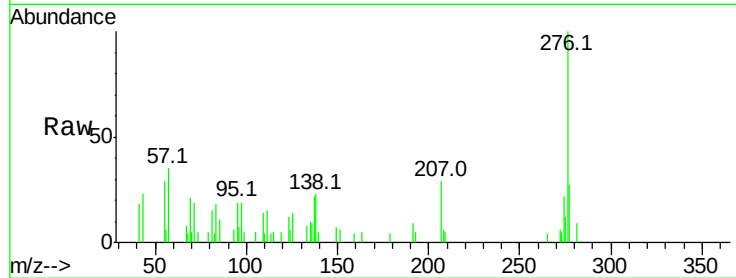
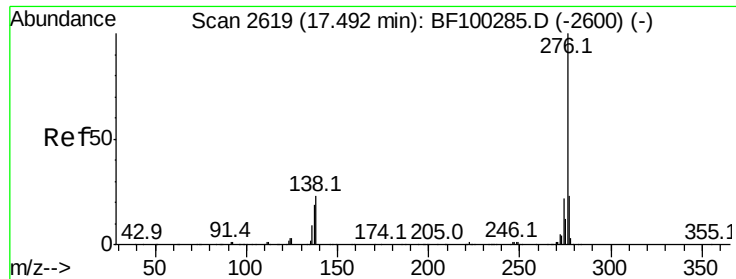
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#89
Benzo(a)pyrene
Concen: 3.979 ng/mL
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	12.2	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.380 ng
 RT: 17.41 min Scan# 2605
 Delta R.T. -0.05 min
 Lab File: BF100878.D
 Acq: 23 Nov 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 RT-3874DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.8	17.9	26.9
138	23.3	21.8	32.8

Manual Integrations
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