

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100747.D
 Acq On : 20 Nov 2017 23:01
 Operator : SJ/JU
 Sample : I6304-18 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-D

Manual Integrations
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 11/21/2017 2:15:49 PM

Quant Time: Nov 21 05:14:08 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	6.87	152	108337	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	400323	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	167515	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	254089	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	233710	20.00	ng	-0.01
86) Perylene-d12	15.50	264	252744	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	135915	20.11	ng	-0.02
7) Phenol-d6	6.49	99	164528	19.74	ng	-0.02
23) Nitrobenzene-d5	7.43	82	94275	15.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	32600	19.10	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	198018	18.00	ng	-0.02
78) Terphenyl-d14	12.97	244	126658	12.45	ng	-0.01
Target Compounds						
70) Phenanthrene	11.42	178	28960	2.165	ng	94
74) Fluoranthene	12.60	202	50531	3.564	ng	96
77) Pyrene	12.83	202	70761	4.247	ng	97
80) Benzo(a)anthracene	14.02	228	41091	2.920	ng	# 80
82) Chrysene	14.06	228	41755	3.064	ng	95
85) Indeno(1,2,3-cd)pyrene	16.97	276	29964	2.718	ng	# 92
87) Benzo(b)fluoranthene	15.07	252	72519m	4.843	ng	
89) Benzo(a)pyrene	15.44	252	56557	4.260	ng	98
91) Benzo(g,h,i)perylene	17.42	276	26559	2.499	ng	95

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

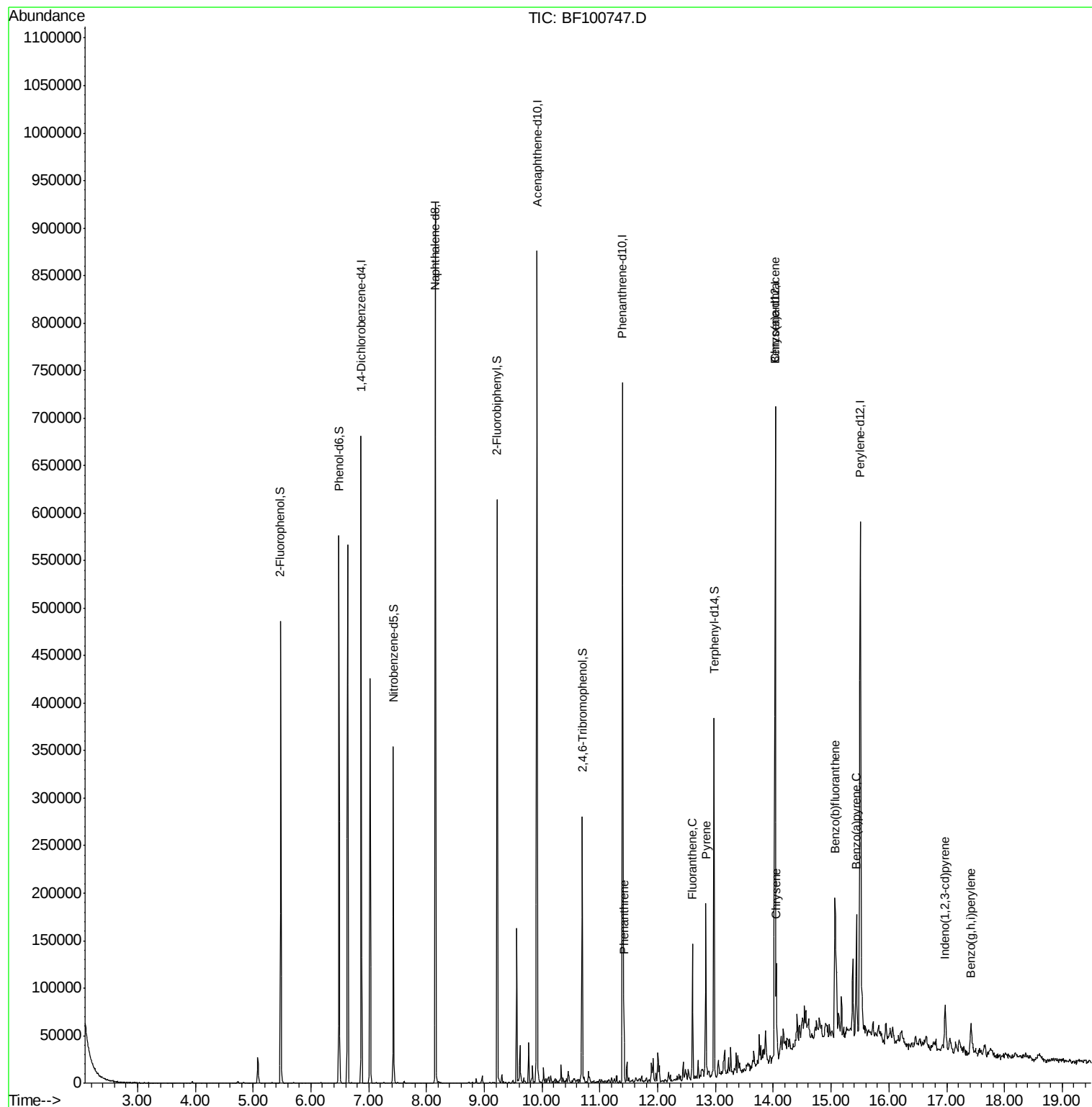
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

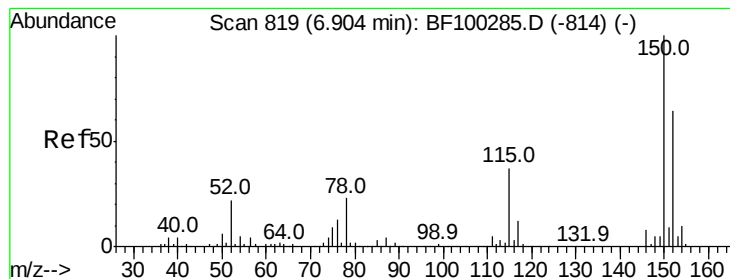
Instrument :
BNA_F
ClientSampleId :
CL-01-111617-D

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#1

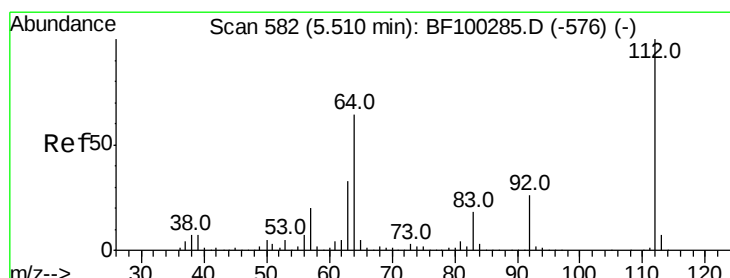
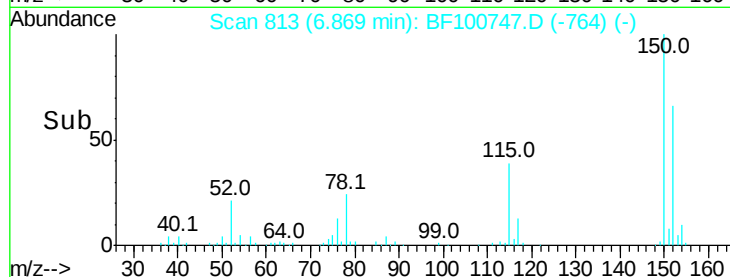
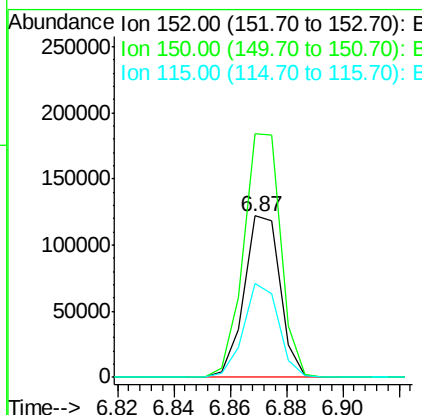
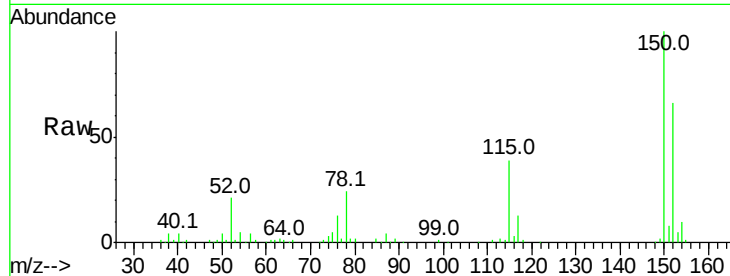
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100747.D
Acq: 20 Nov 2017 23:01

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	124.6	186.8
115	58.1	50.1	75.1

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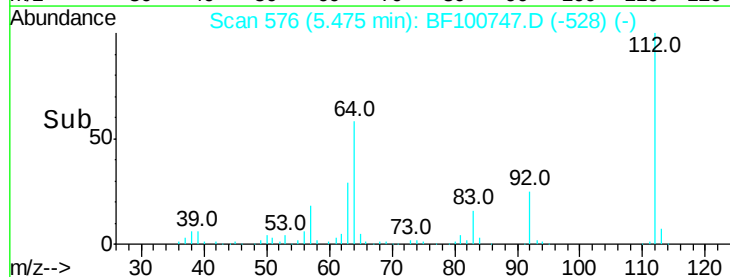
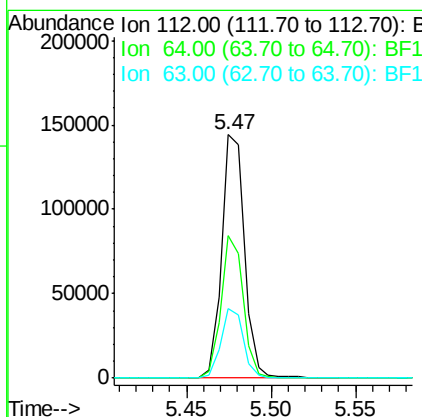
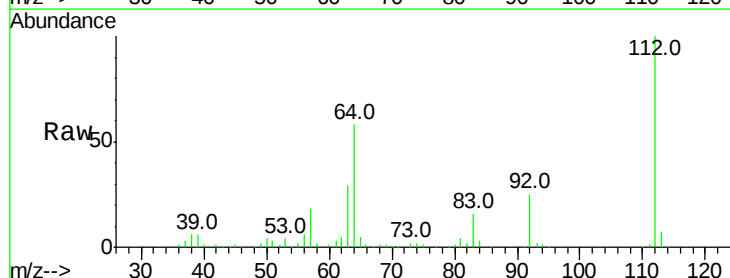
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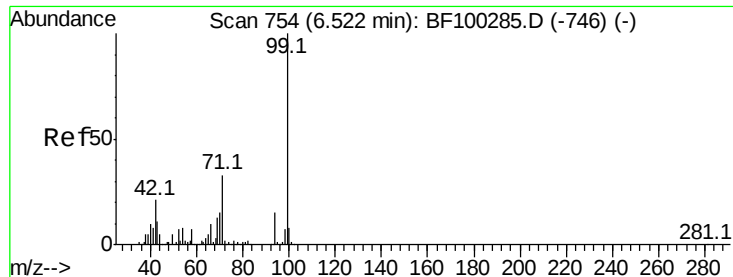


#5

2-Fluorophenol
Concen: 20.110 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100747.D
Acq: 20 Nov 2017 23:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	28.5	23.7	35.5





#7

Phenol-d6

Concen: 19.742 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF100747.D

Acq: 20 Nov 2017 23:01

Instrument :

BNA_F

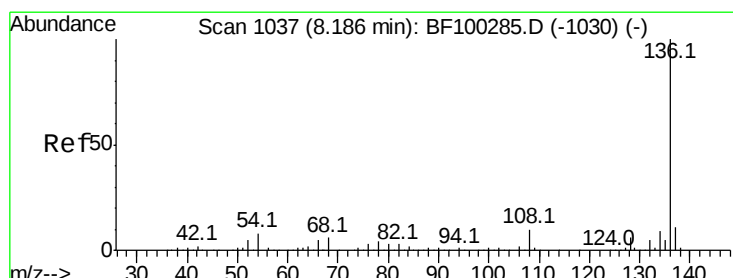
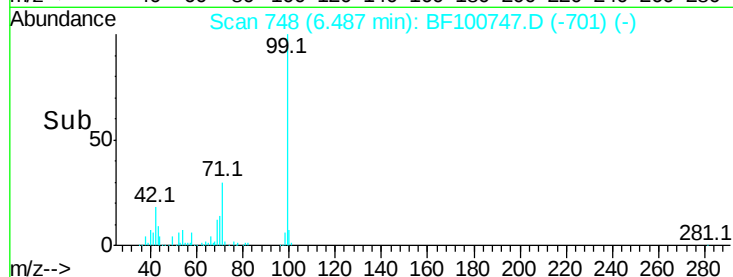
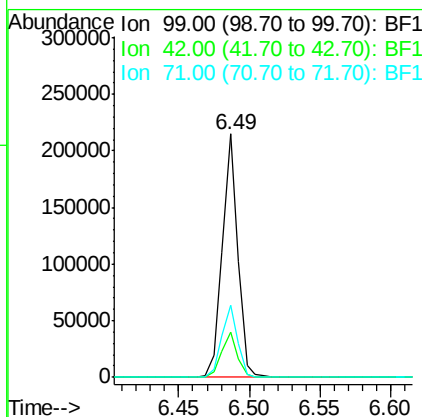
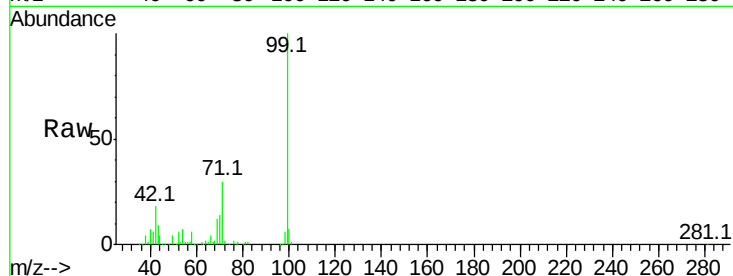
ClientSampleId :

CL-01-111617-D

Tot Ion:	99	Resp:	164528
Ion Ratio	Lower	Upper	
99	100		
42	18.4	14.5	21.7
71	29.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

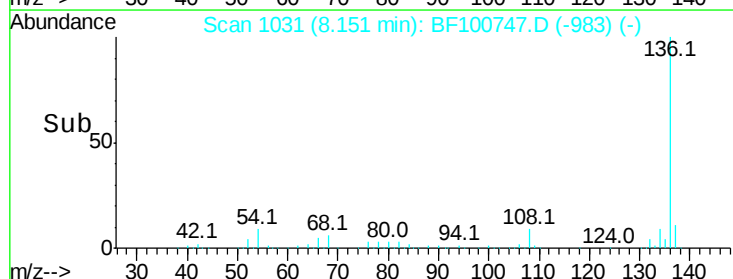
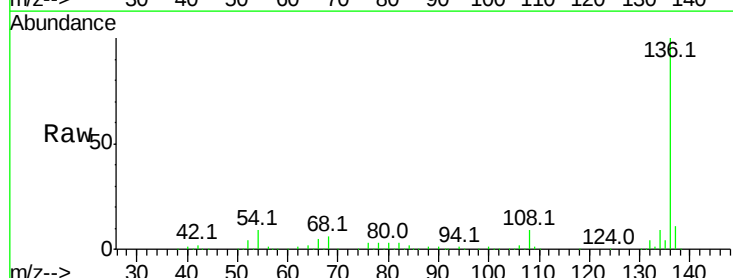
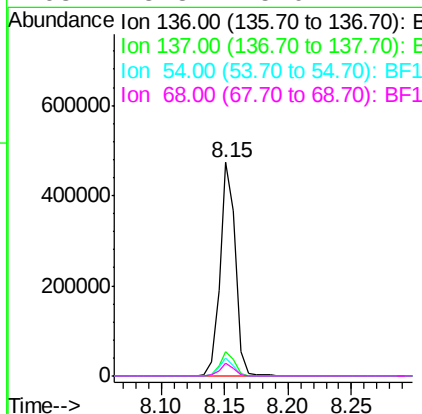
RT: 8.15 min Scan# 1031

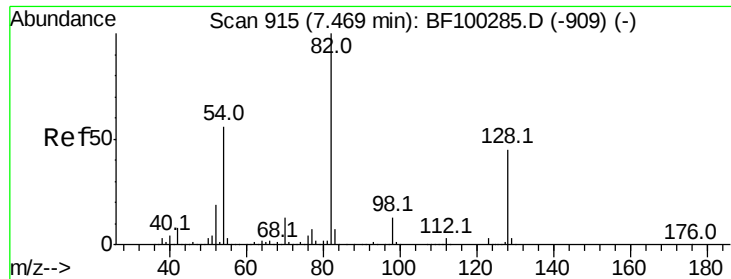
Delta R.T. -0.02 min

Lab File: BF100747.D

Acq: 20 Nov 2017 23:01

Tgt Ion:	136	Resp:	400323
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.5	6.6	9.8
68	5.8	5.0	7.4





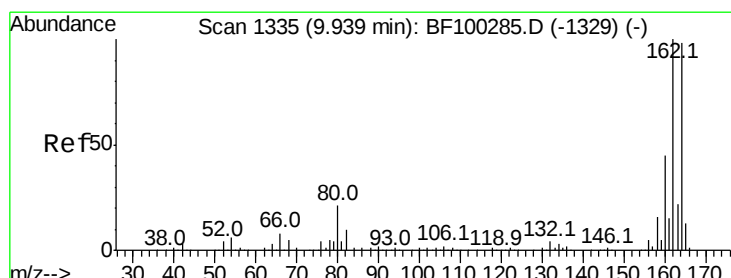
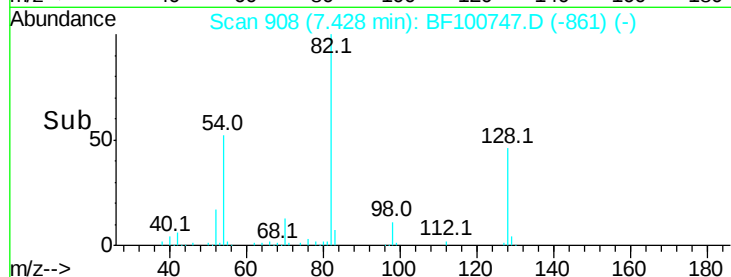
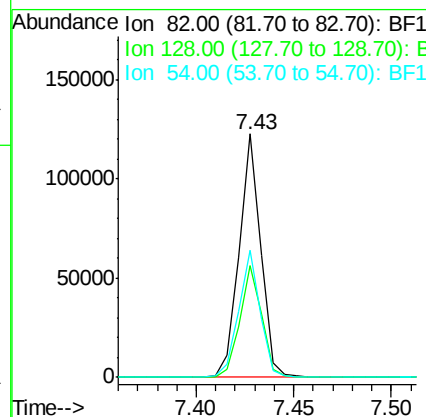
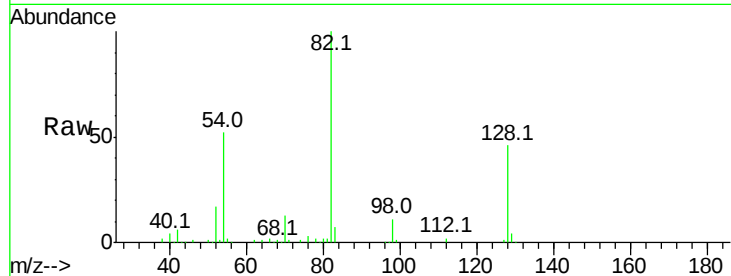
#23
Nitrobenzene-d5
Concen: 15.570 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF100747.D
Acq: 20 Nov 2017 23:01

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-D

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	52.1	41.4	62.2

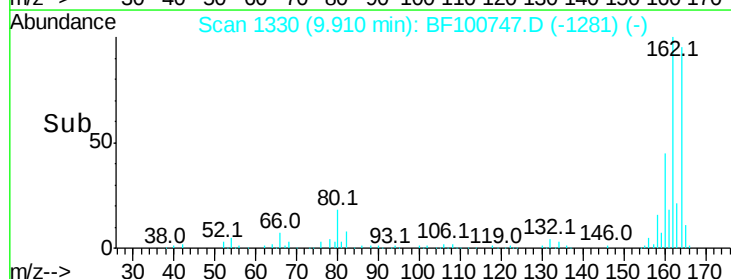
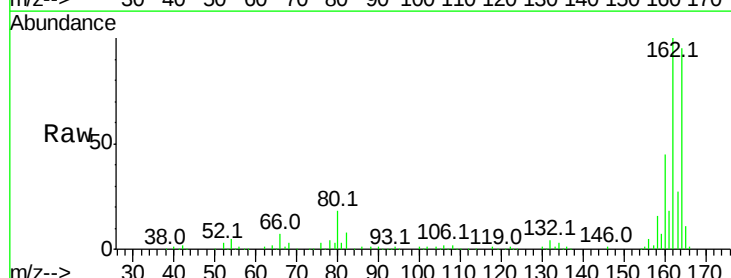
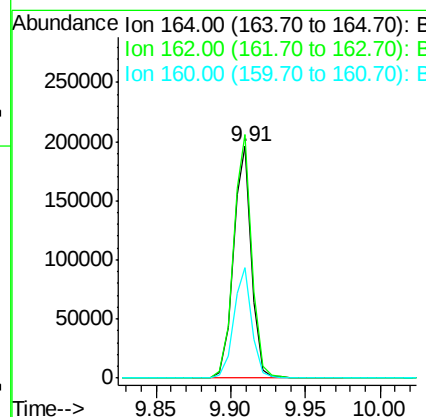
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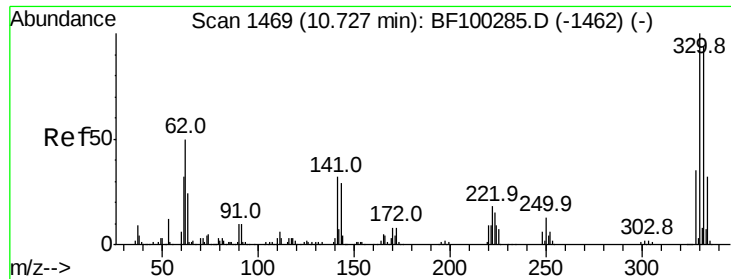
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100747.D
Acq: 20 Nov 2017 23:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	47.7	38.3	57.5





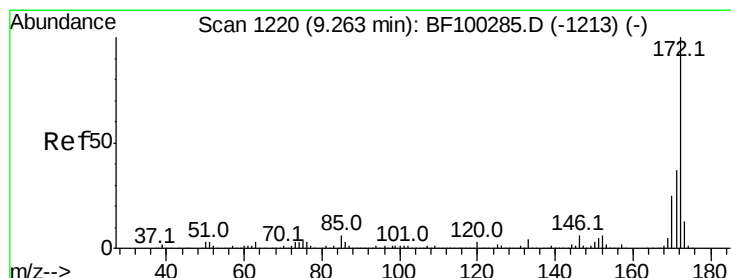
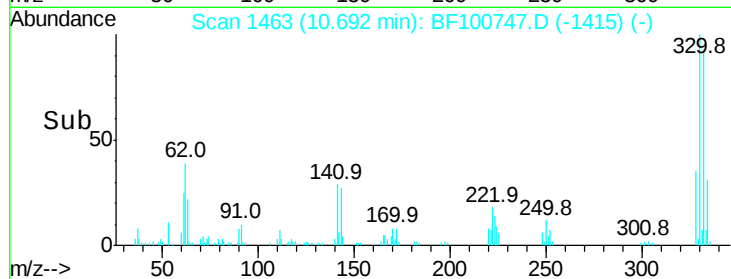
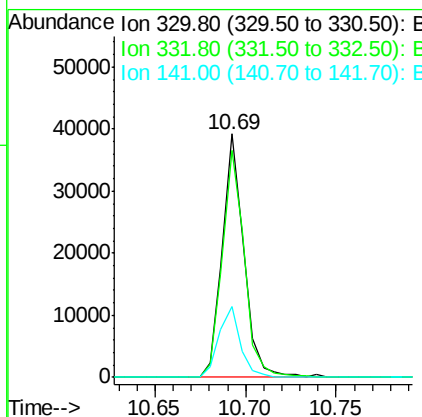
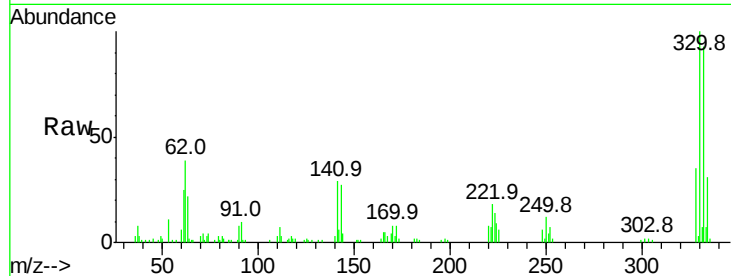
#41
 2,4,6-Tribromophenol
 Concen: 19.098 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.02 min
 Lab File: BF100747.D
 Acq: 20 Nov 2017 23:01

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-D

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.8	77.0	115.6	
141	28.7	29.9	44.9	

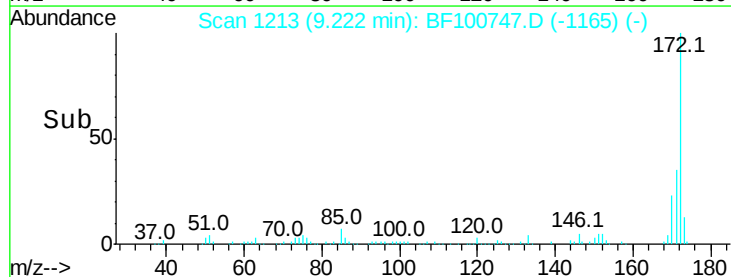
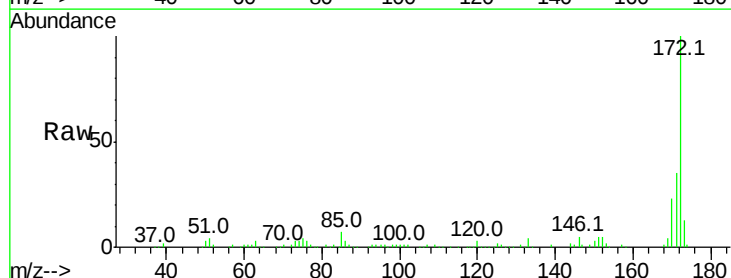
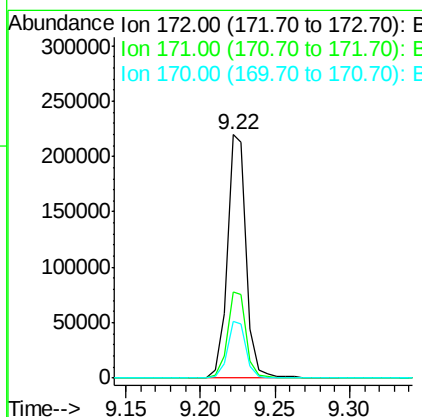
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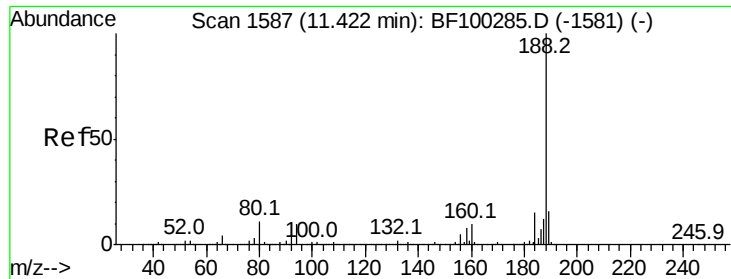
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#44
 2-Fluorobiphenyl
 Concen: 18.000 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF100747.D
 Acq: 20 Nov 2017 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.2	29.7	44.5	
170	23.5	19.6	29.4	





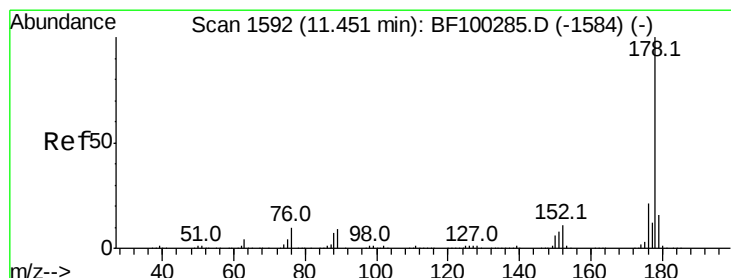
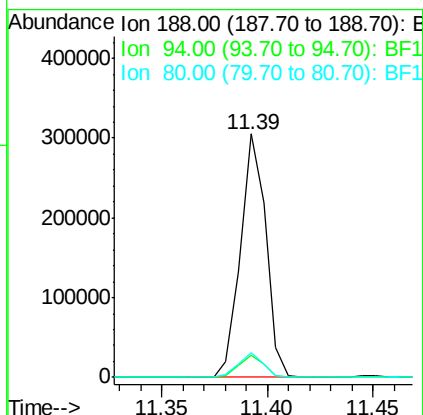
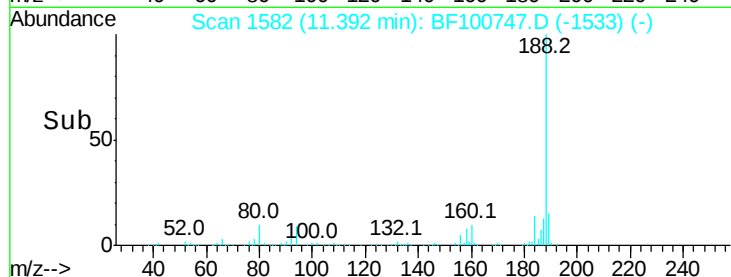
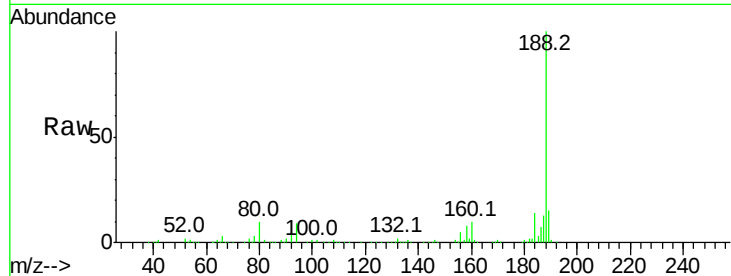
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100747.D
Acq: 20 Nov 2017 23:01

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-D

Tot Ion	Ratio	Resp	Lower	Upper
188	100	254089		
94	9.4		8.5	12.7
80	10.1		9.2	13.8

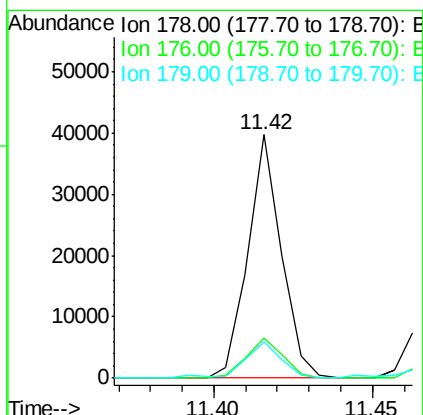
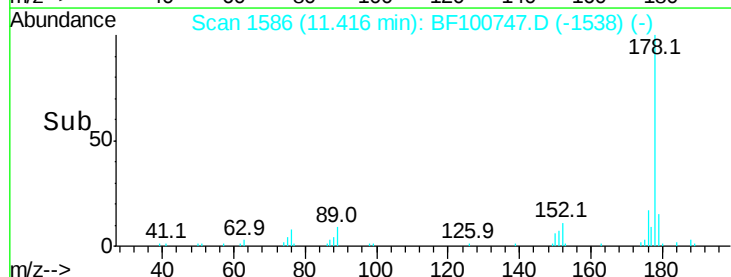
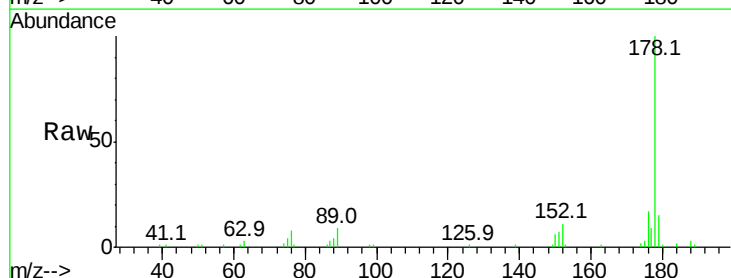
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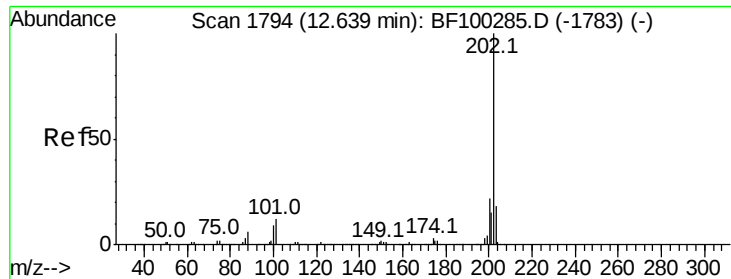
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#70
Phenanthrene
Concen: 2.165 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF100747.D
Acq: 20 Nov 2017 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	28960		
176	16.5		15.8	23.8
179	14.8		13.0	19.6





#74

Fluoranthene

Concen: 3.564 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF100747.D

Acq: 20 Nov 2017 23:01

Instrument :

BNA_F

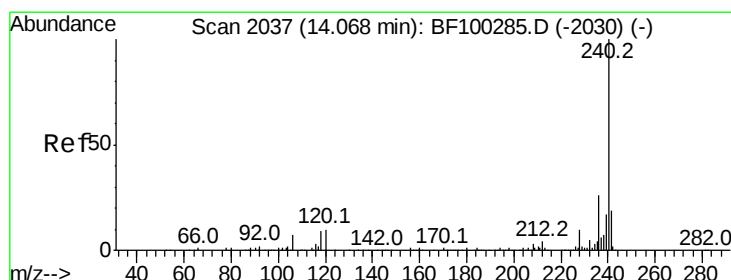
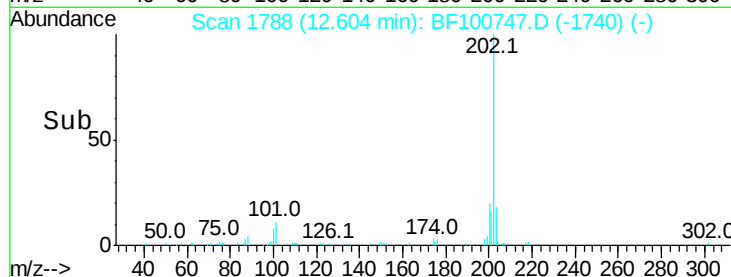
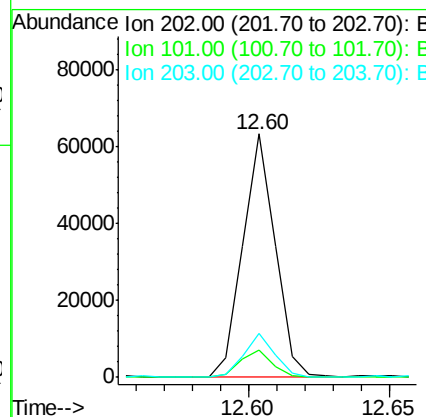
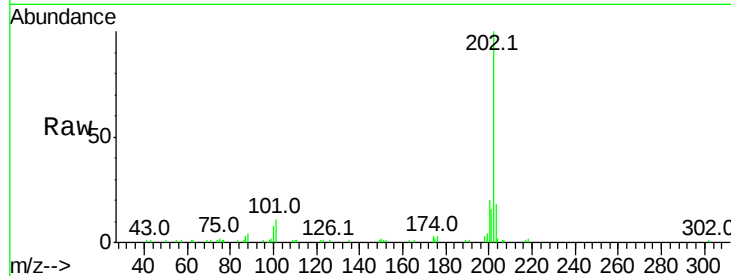
ClientSampleId :

CL-01-111617-D

Tot Ion:	202	Resp:	50531
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	34.1
203	18.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

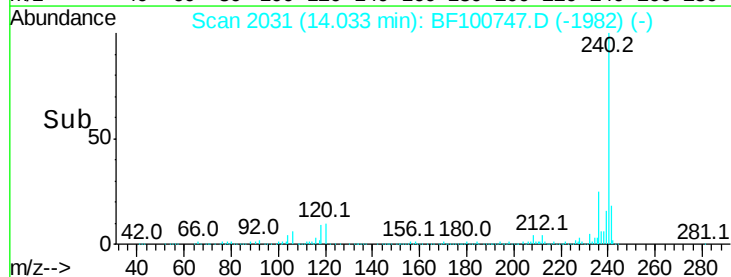
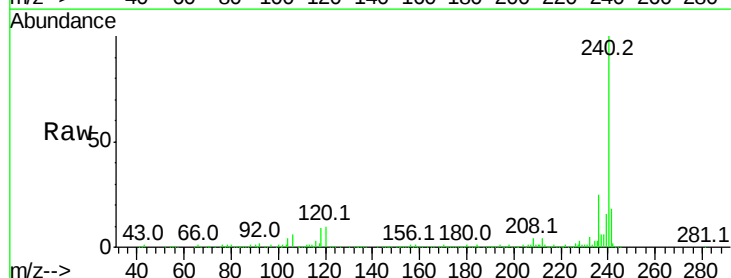
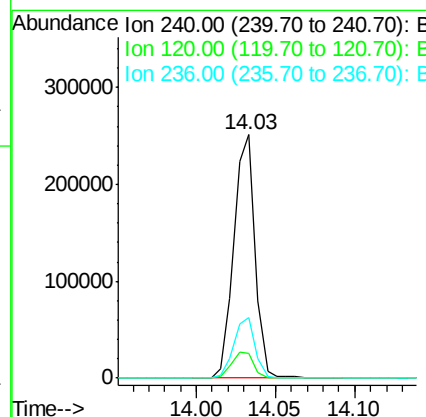
RT: 14.03 min Scan# 2031

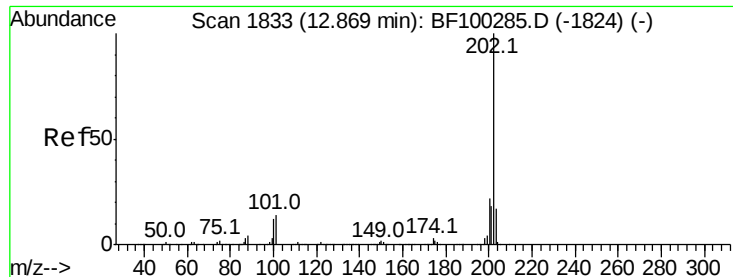
Delta R.T. -0.01 min

Lab File: BF100747.D

Acq: 20 Nov 2017 23:01

Tgt Ion:	240	Resp:	233710
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.5	14.3
236	25.1	20.7	31.1





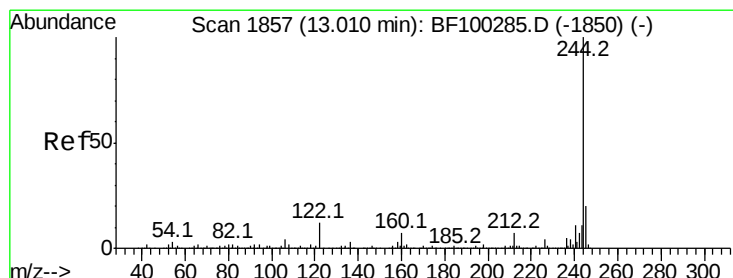
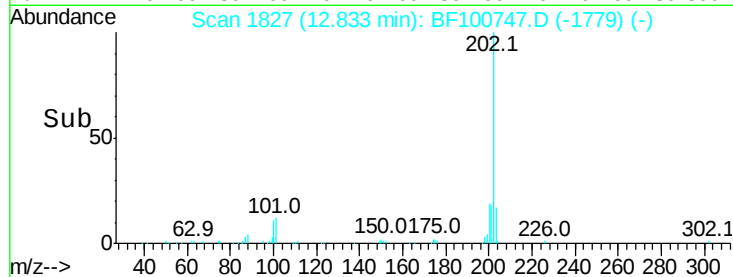
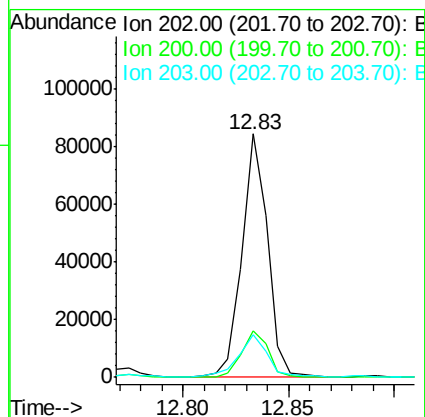
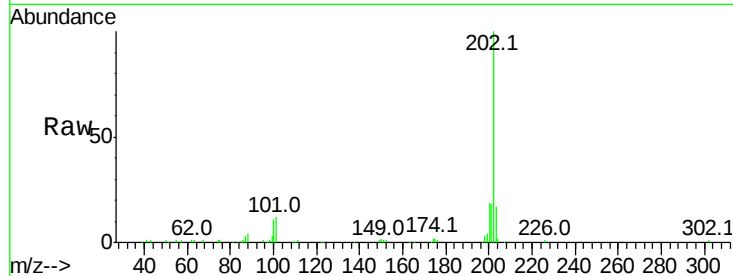
#77
Pvrene
Concen: 4.247 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF100747.D
Acq: 20 Nov 2017 23:01

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-D

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.2	17.4	26.2
203	17.4	14.3	21.5

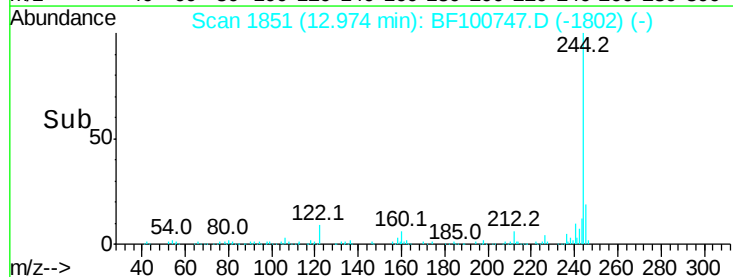
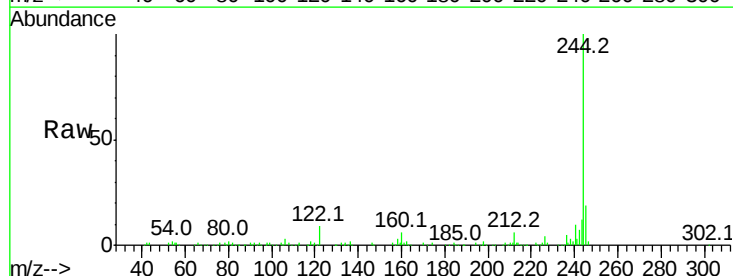
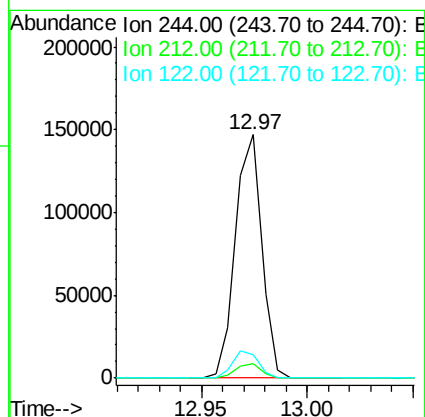
Manual Integrations
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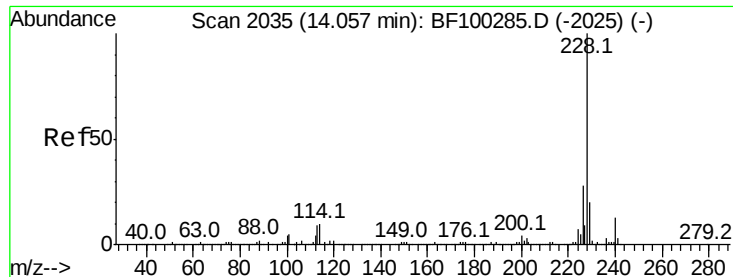
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#78
Terphenyl-d14
Concen: 12.452 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF100747.D
Acq: 20 Nov 2017 23:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.4	8.0
122	9.4	11.0	16.4#





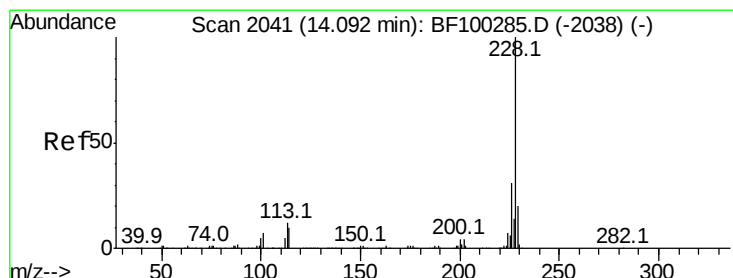
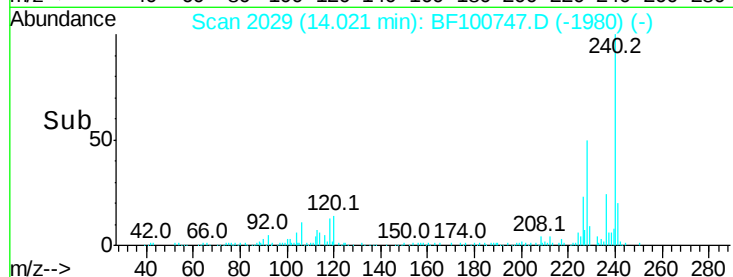
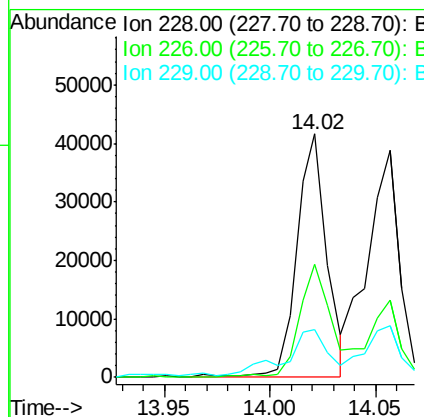
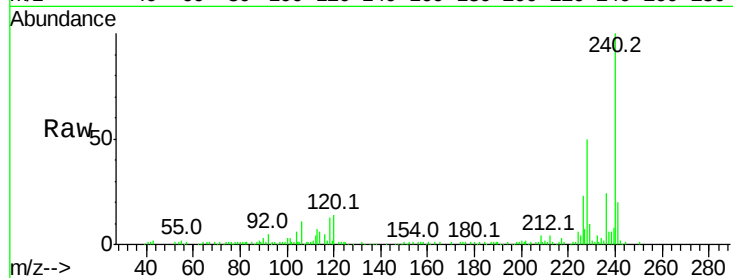
#80
Benzo(a)anthracene
Concen: 2.920 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100747.D
Acq: 20 Nov 2017 23:01

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-D

Tot Ion	Ratio	Lower	Upper
228	100		
226	46.4	22.6	33.8#
229	19.9	15.8	23.6

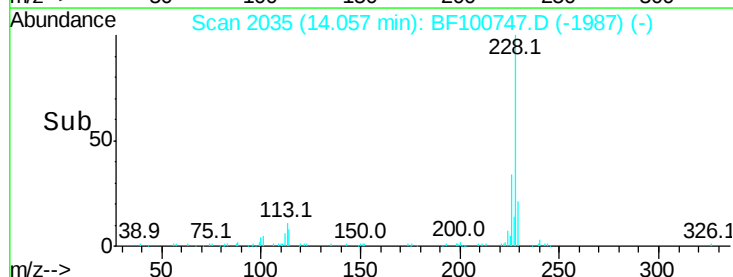
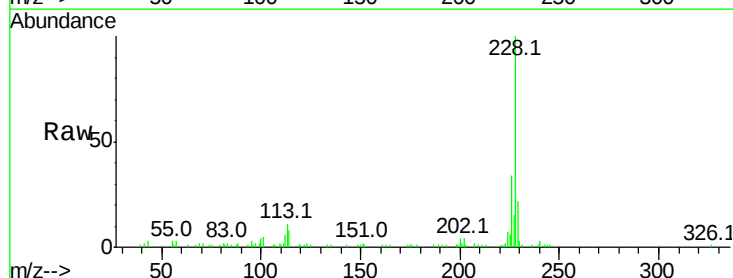
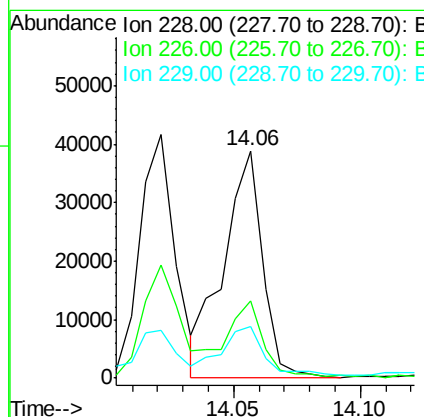
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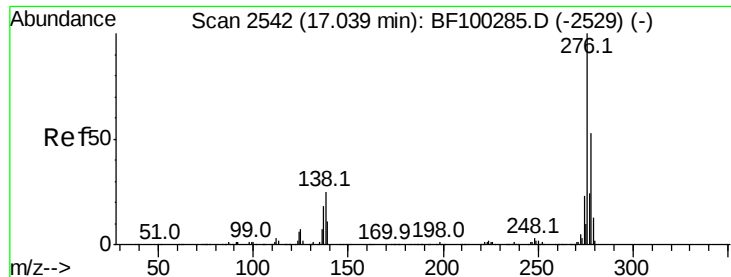
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#82
Chrysene
Concen: 3.064 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF100747.D
Acq: 20 Nov 2017 23:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.1	25.0	37.6
229	22.4	16.2	24.4





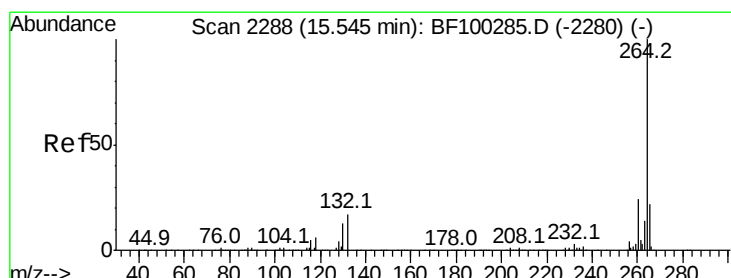
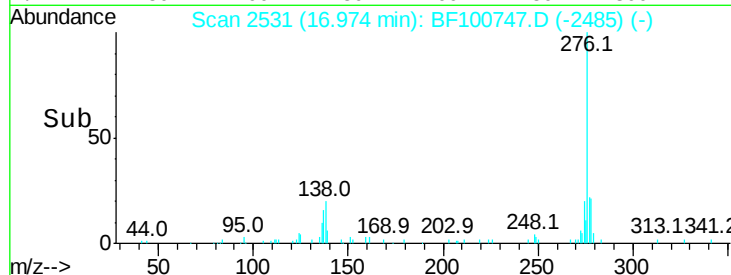
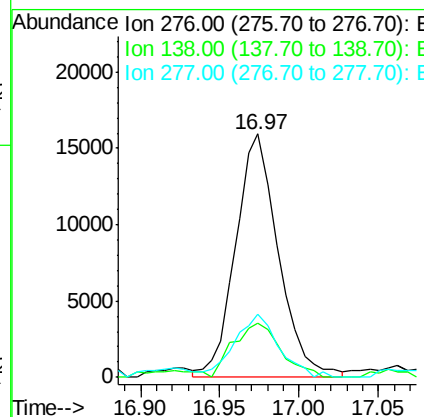
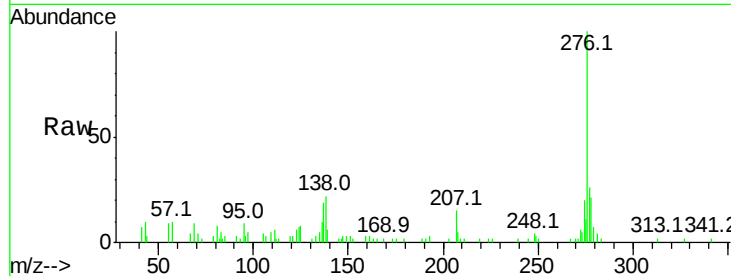
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.718 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.03 min
Lab File: BF100747.D
Acq: 20 Nov 2017 23:01

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-D

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	25.0	37.6#
277	26.4	20.1	30.1

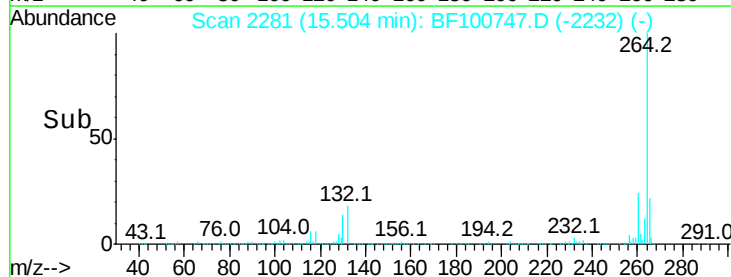
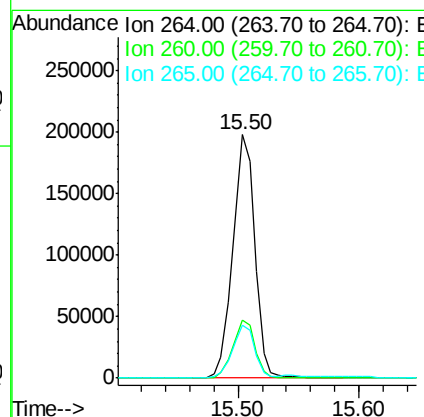
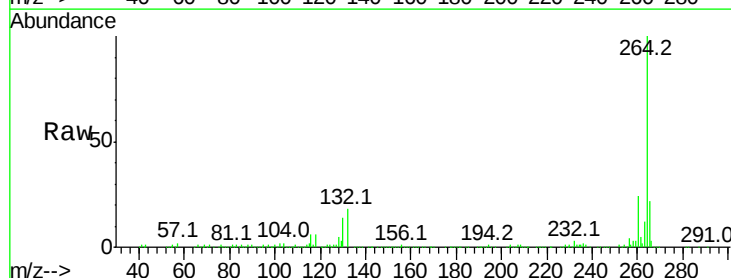
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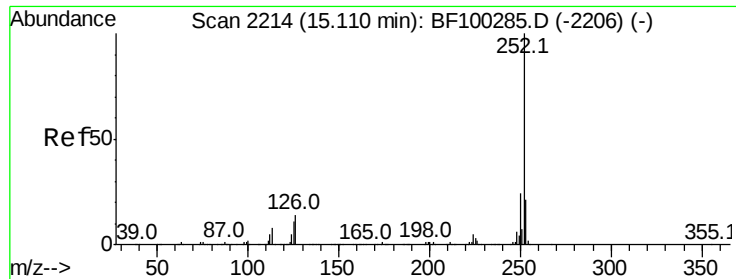
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100747.D
Acq: 20 Nov 2017 23:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.5	26.3





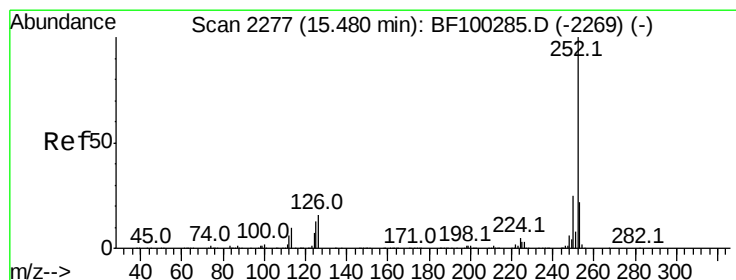
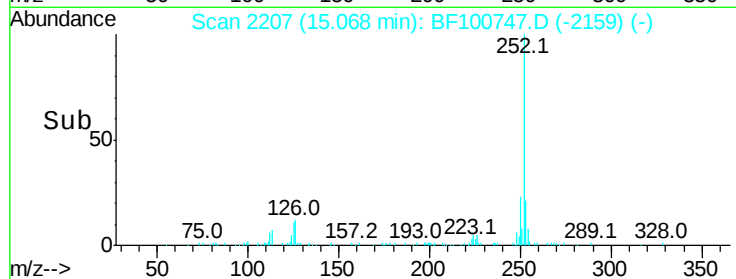
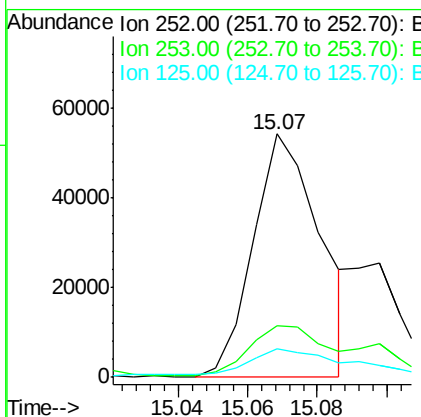
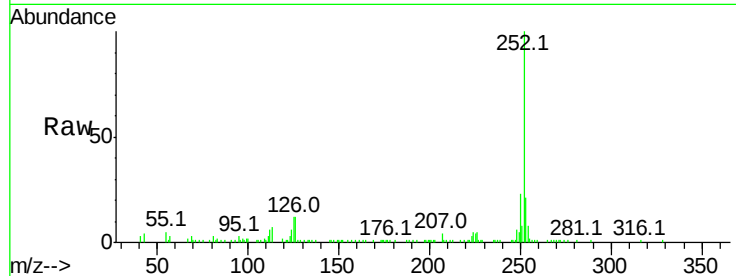
#87
Benzo(b)fluoranthene
Concen: 4.843 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF100747.D
Acq: 20 Nov 2017 23:01

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	11.7	9.0	13.6

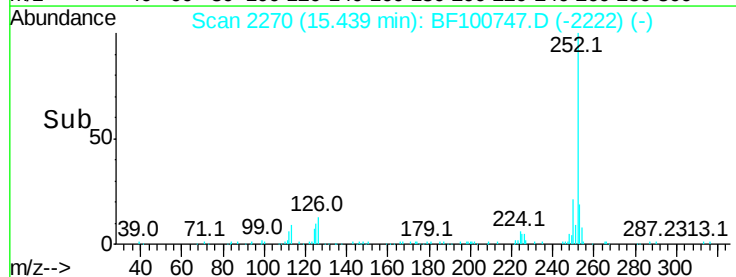
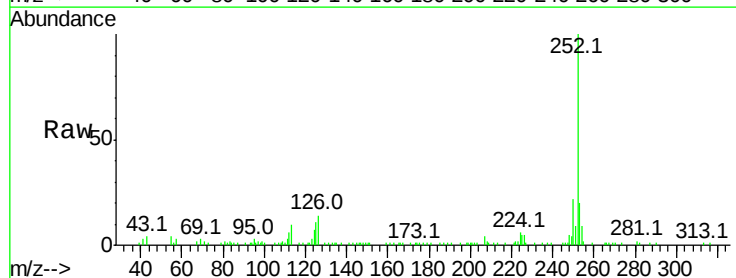
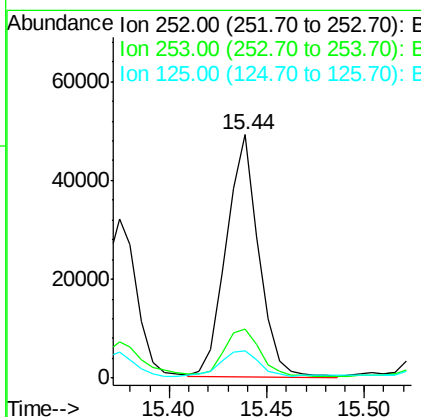
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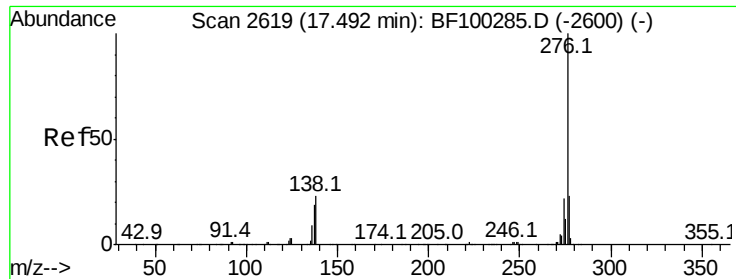
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#89
Benzo(a)pyrene
Concen: 4.260 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF100747.D
Acq: 20 Nov 2017 23:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.1	25.7
125	11.3	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.499 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. -0.04 min
 Lab File: BF100747.D
 Acq: 20 Nov 2017 23:01

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-D

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	29.9	21.8	32.8

Manual Integrations
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SOHIL
 11/21/2017 2:15:49 PM

