

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099966.D
 Acq On : 30 Oct 2017 18:11
 Operator : SJ/JU
 Sample : I6171-07 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-D

Manual Integrations
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 10/31/2017 7:41:07 PM

Quant Time: Oct 31 02:55:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	94592	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	379935	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	168854	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	271024	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	176491	20.00	ng	-0.02
86) Perylene-d12	15.46	264	168857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	236546	39.26	ng	-0.01
7) Phenol-d6	6.43	99	316036	44.24	ng	-0.01
23) Nitrobenzene-d5	7.36	82	168234	28.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	66939	43.50	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	406339	37.13	ng	-0.02
78) Terphenyl-d14	12.90	244	284010	35.17	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	15778	2.012	ng	Qvalue 90
48) Acenaphthylene	9.69	152	73540	4.304	ng	99
49) Dimethylphthalate	9.54	163	76186	5.697	ng	100
57) Fluorene	10.37	166	32042	2.626	ng	96
70) Phenanthrene	11.35	178	215161	14.067	ng	98
71) Anthracene	11.40	178	86312	5.559	ng	98
74) Fluoranthene	12.54	202	356355	22.419	ng	98
77) Pyrene	12.77	202	338294	25.208	ng	99
80) Benzo(a)anthracene	13.96	228	178949	15.994	ng	99
82) Chrysene	14.00	228	157447	14.969	ng	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	82371	8.530	ng	97
87) Benzo(b)fluoranthene	15.03	252	210380m	19.731	ng	
88) Benzo(k)fluoranthene	15.06	252	77269m	7.685	ng	
89) Benzo(a)pyrene	15.40	252	160840	16.793	ng	97
90) Dibenzo(a,h)anthracene	16.94	278	20644	2.426	ng	# 82
91) Benzo(g,h,i)perylene	17.40	276	74302	8.924	ng	95

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

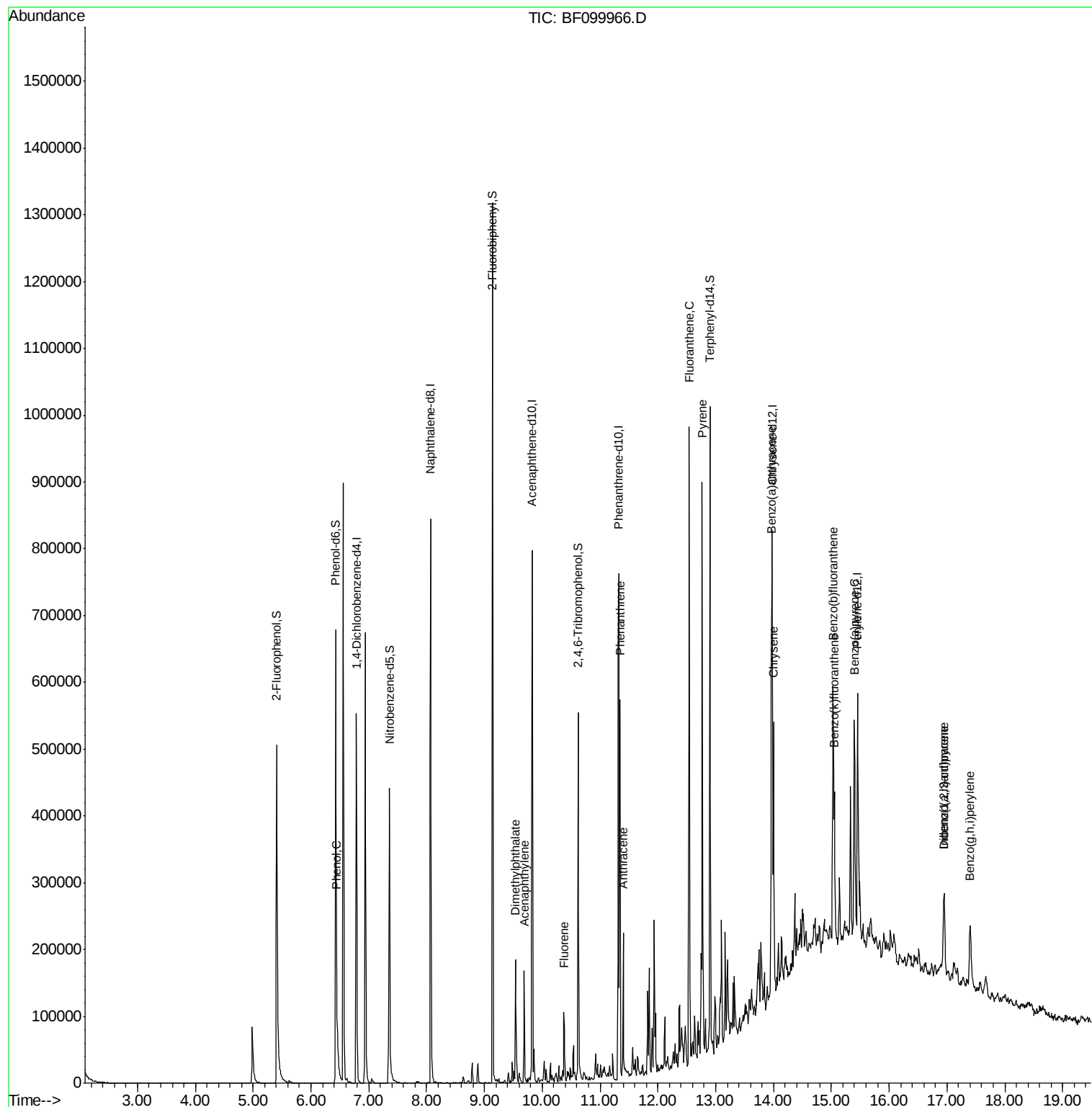
Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099966.D
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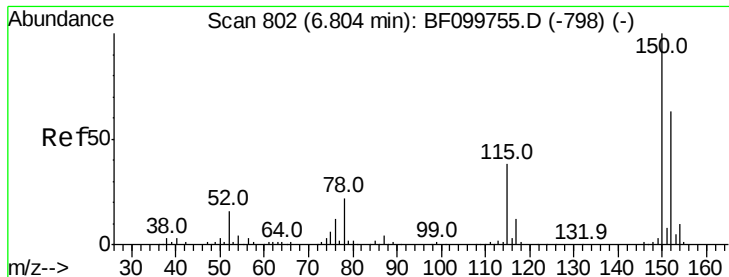
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
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#1

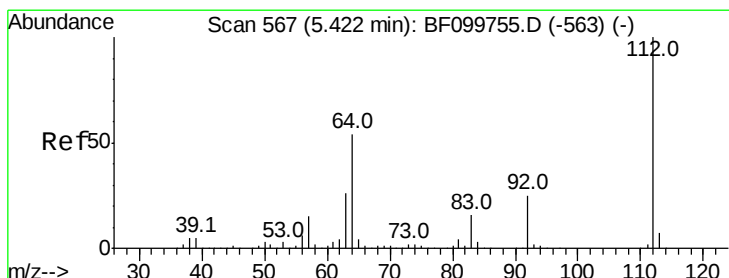
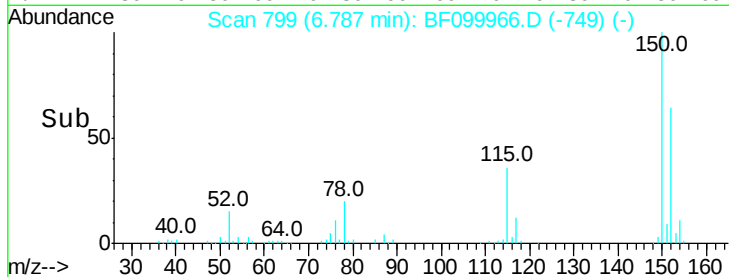
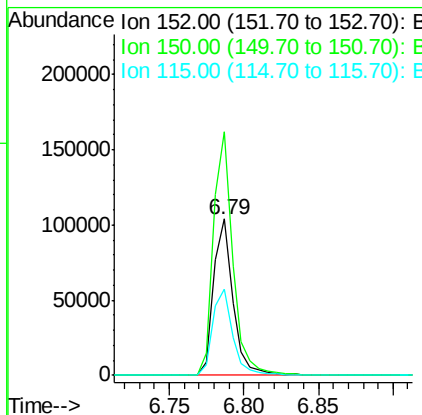
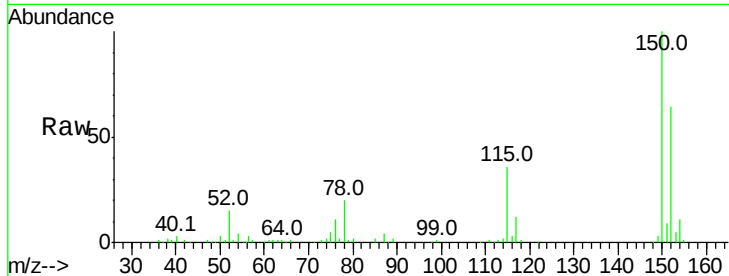
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Instrument :
BNA_F
ClientSampleId :
CL-01-102617-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	55.6	50.1	75.1

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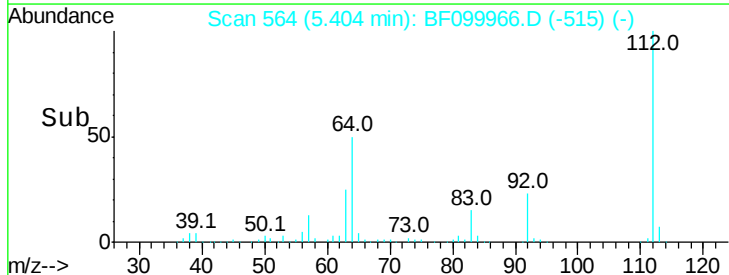
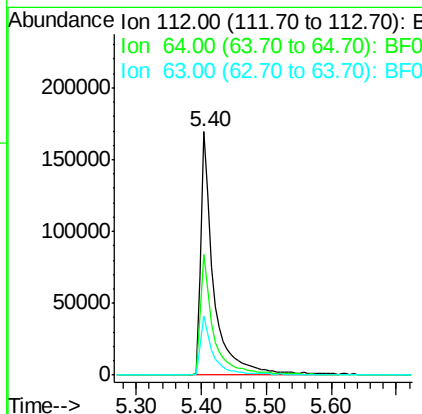
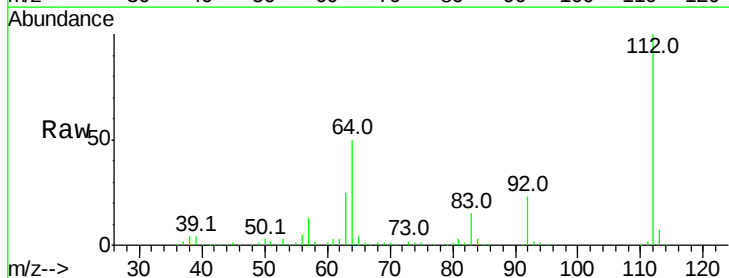
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#5

2-Fluorophenol
Concen: 39.260 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.7	47.9	71.9
63	24.5	23.7	35.5





#7

Phenol-d6

Concen: 44.237 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099966.D

Acq: 30 Oct 2017 18:11

Instrument :

BNA_F

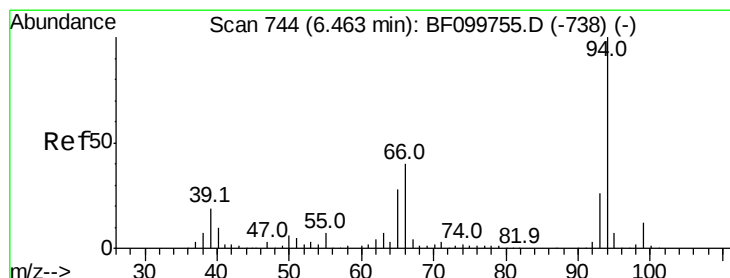
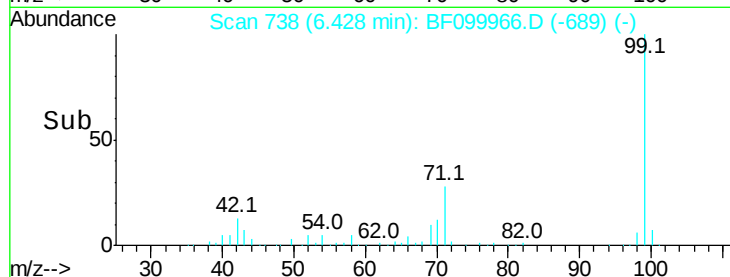
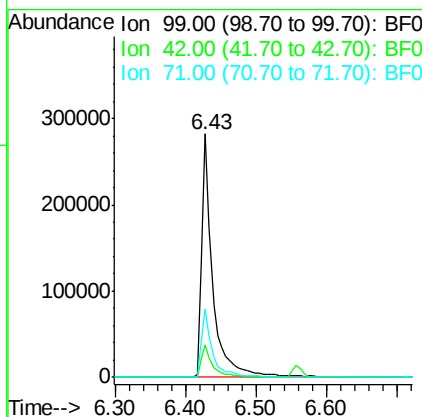
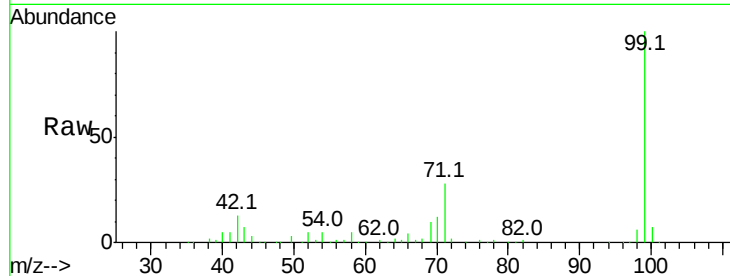
ClientSampled :

CL-01-102617-D

Tot Ion:	99	Resp:	316036
Ion Ratio	Lower	Upper	
99	100		
42	13.3	14.5	21.7#
71	28.0	25.4	38.0

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#10

Phenol

Concen: 2.012 ng

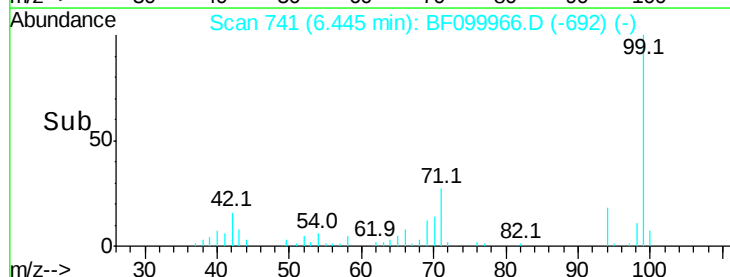
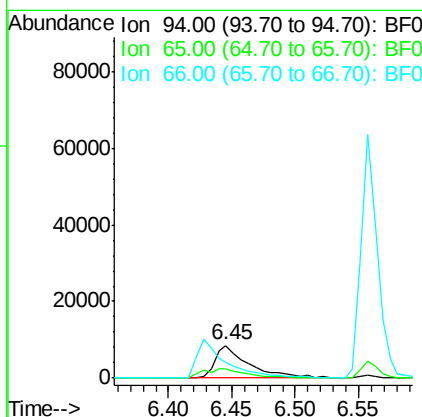
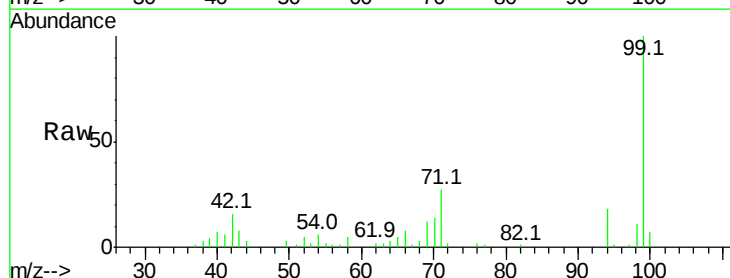
RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099966.D

Acq: 30 Oct 2017 18:11

Tgt Ion:	94	Resp:	15778
Ion Ratio	Lower	Upper	
94	100		
65	27.6	7.9	47.9
66	46.3	16.2	56.2





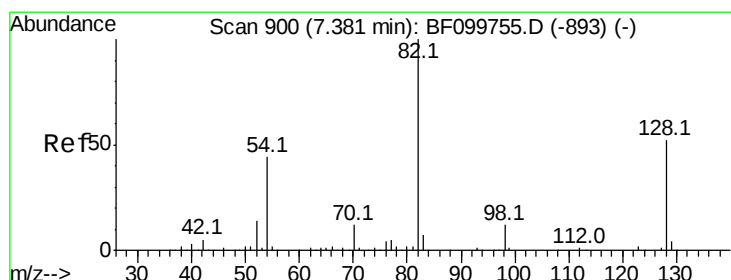
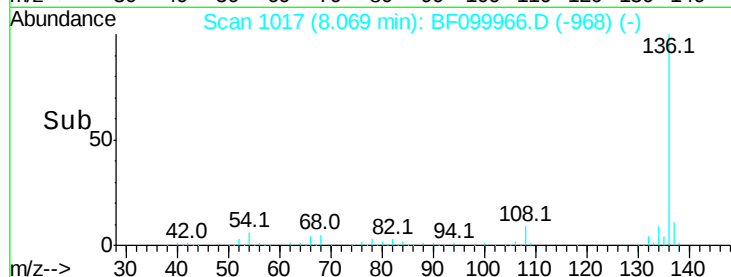
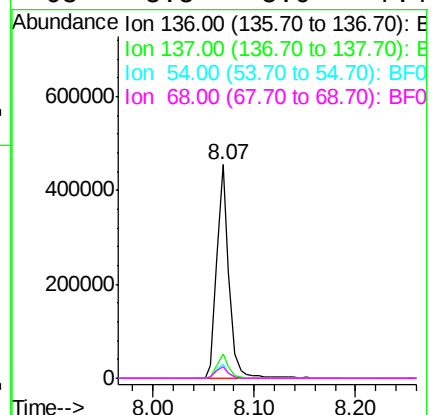
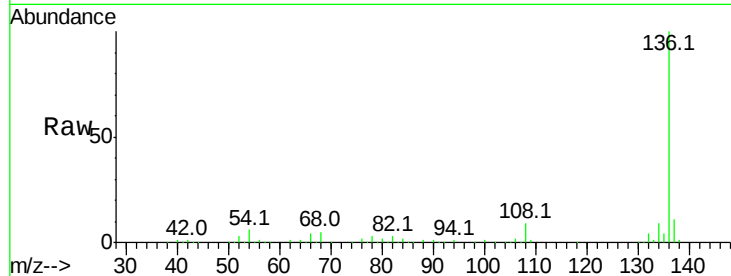
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Instrument :
BNA_F
ClientSampleId :
CL-01-102617-D

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	6.4	6.6	9.8	
68	5.5	5.0	7.4	

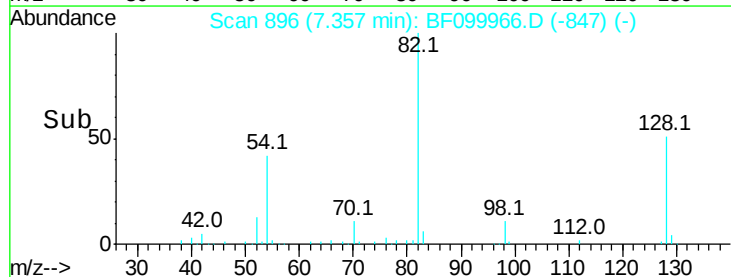
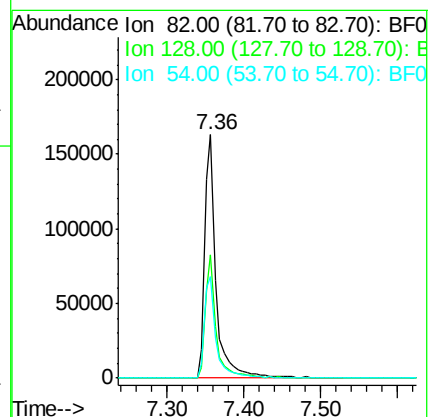
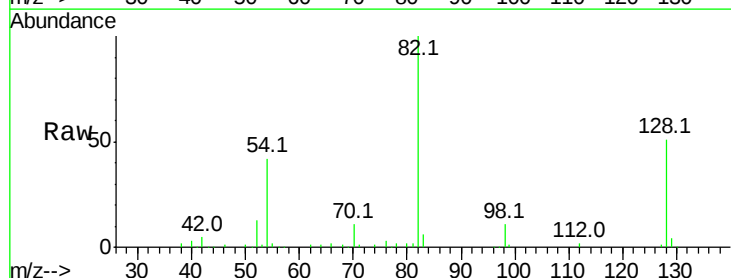
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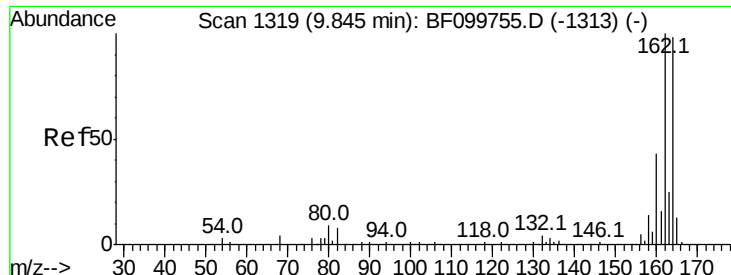
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#23
Nitrobenzene-d5
Concen: 28.507 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	50.9	36.1	54.1	
54	41.6	41.4	62.2	





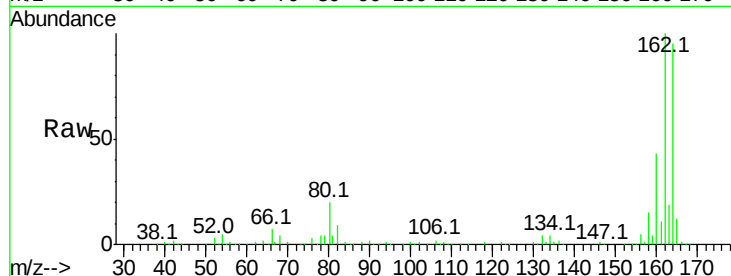
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Instrument :
BNA_F
ClientSampleId :
CL-01-102617-D

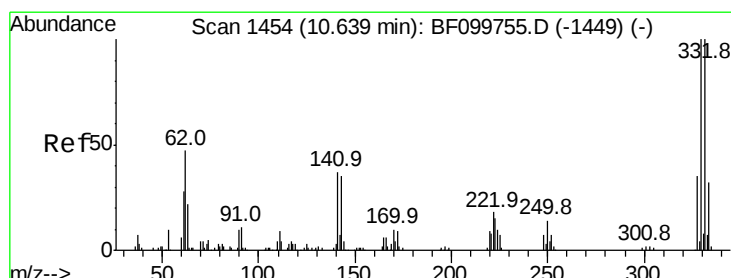
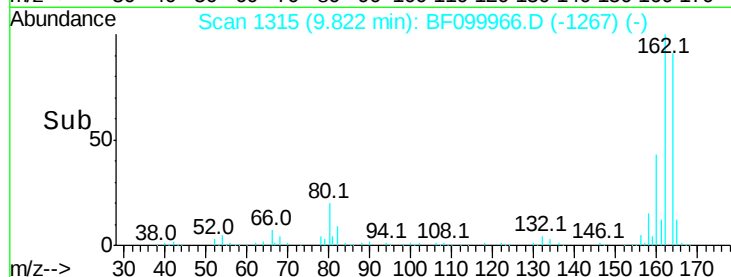
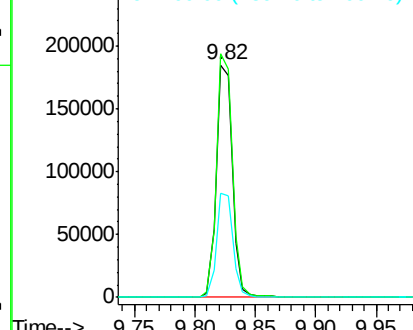
Tot Ion	Ratio	Resp	Lower	Upper
164	100	168854		
162	104.8	86.1	129.1	
160	44.6	38.3	57.5	

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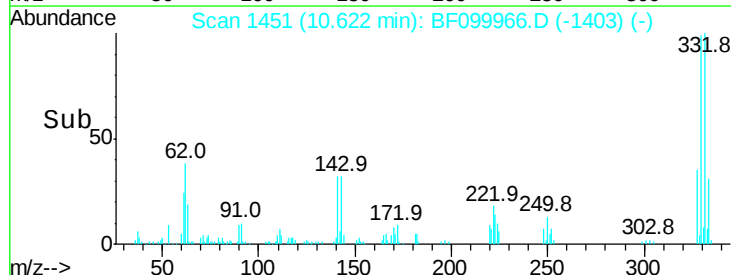
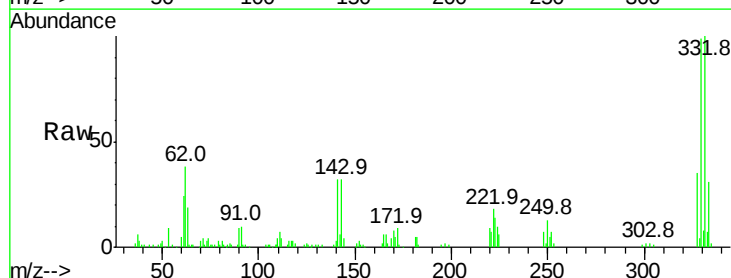
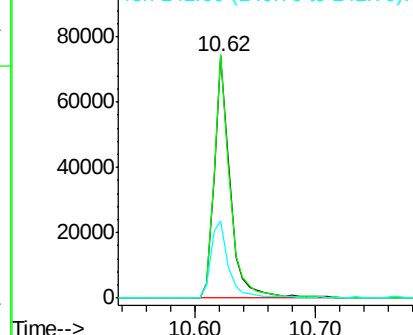
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

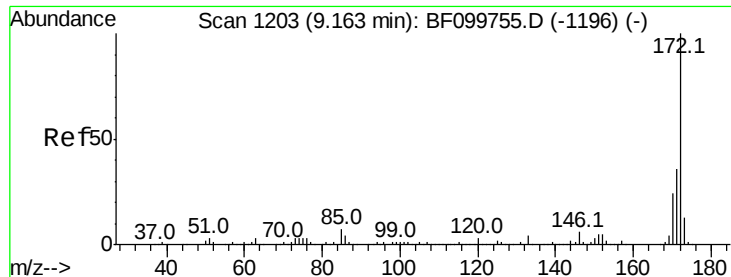


#41
2,4,6-Tribromophenol
Concen: 43.501 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	66939		
332	99.5	77.0	115.6	
141	36.1	29.9	44.9	

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





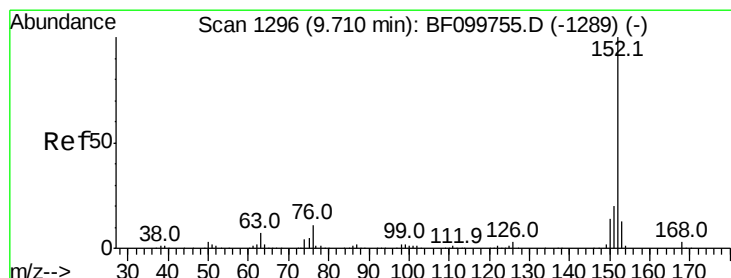
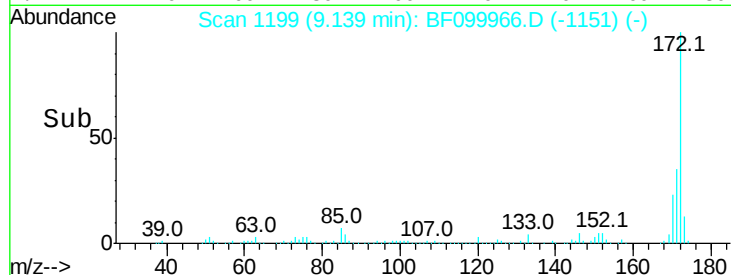
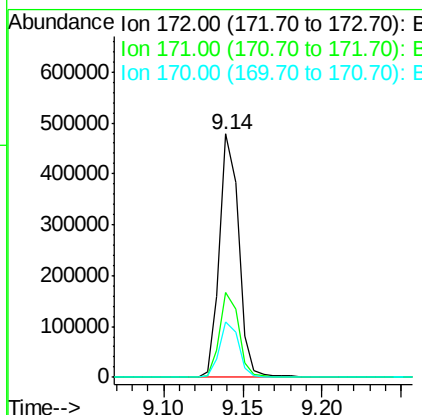
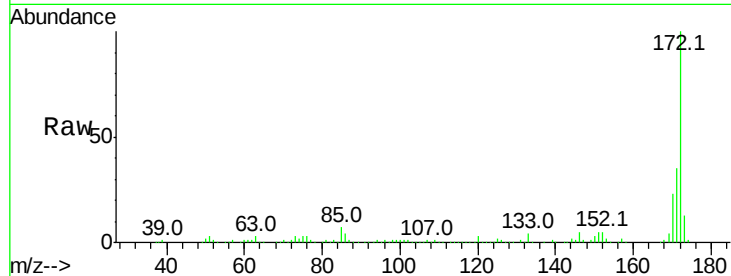
#44
2-Fluorobiphenyl
Concen: 37.128 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Instrument :
BNA_F
ClientSampleId :
CL-01-102617-D

Tot Ion	Ratio	Resp	Lower	Upper
172	100	406339		
171	34.7		29.7	44.5
170	23.0		19.6	29.4

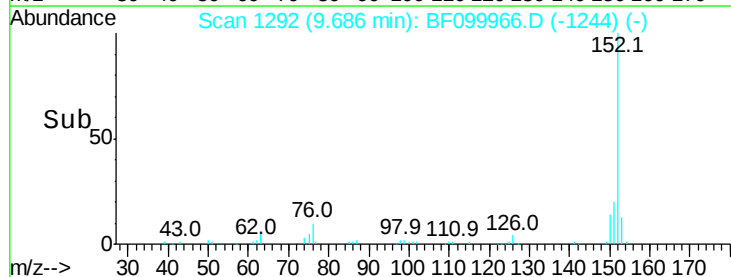
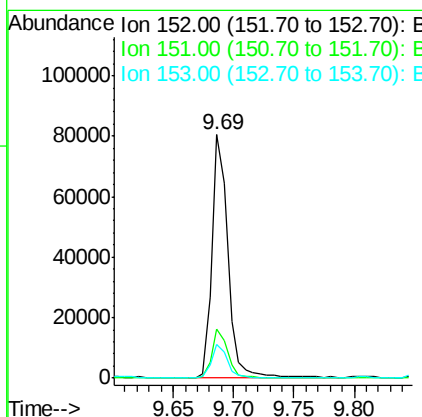
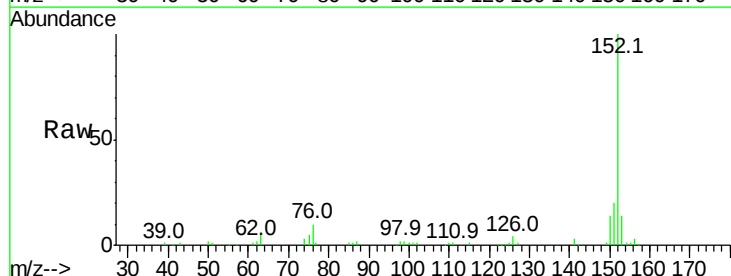
Manual Integrations
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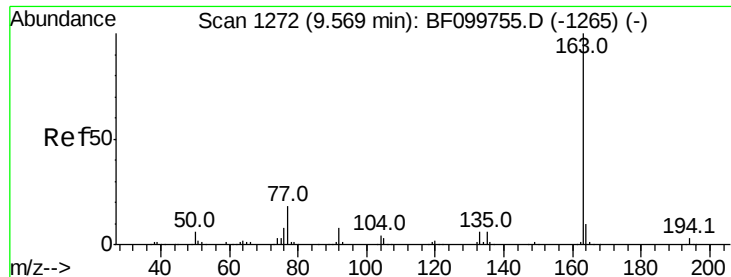
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#48
Acenaphthylene
Concen: 4.304 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	73540		
151	20.2		16.3	24.5
153	13.7		10.7	16.1





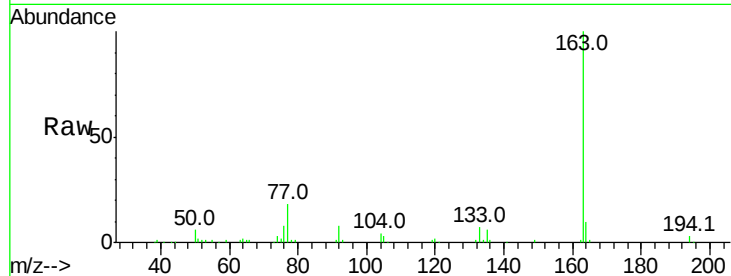
#49
Dimethylphthalate
Concen: 5.697 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Instrument :
BNA_F
ClientSampleId :
CL-01-102617-D

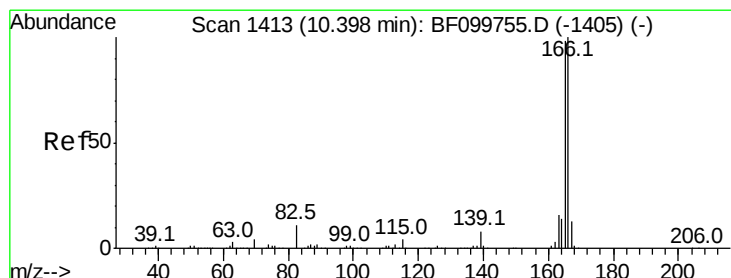
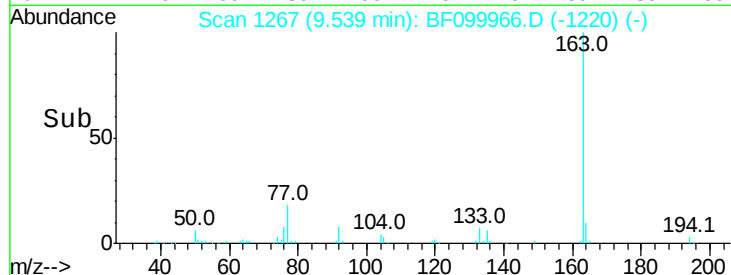
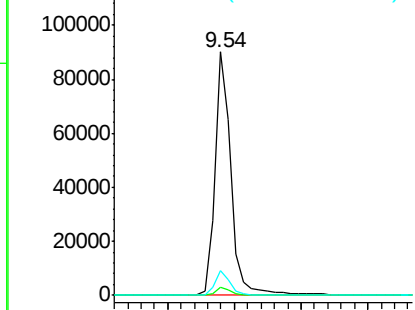
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.4	8.2	12.2

Manual Integrations
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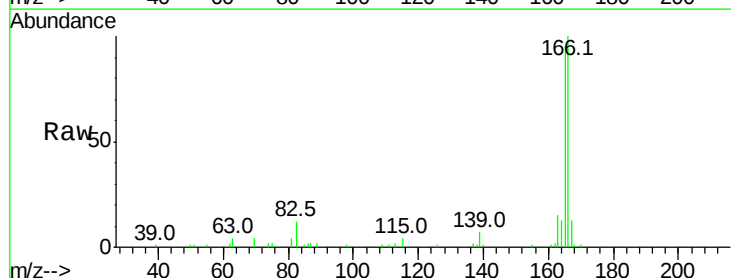


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

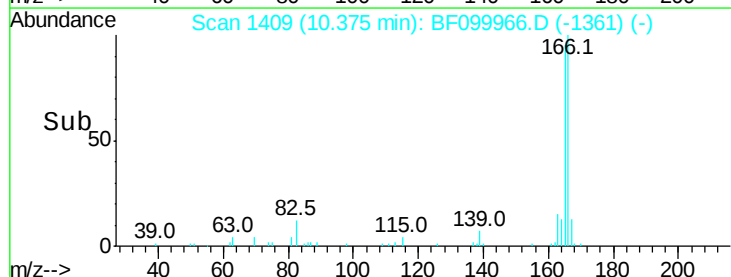
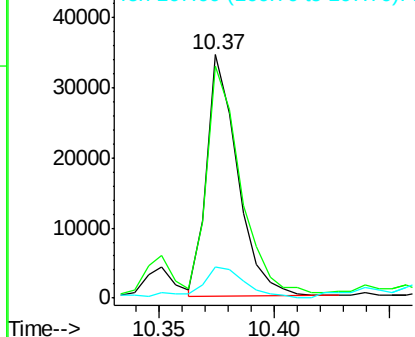


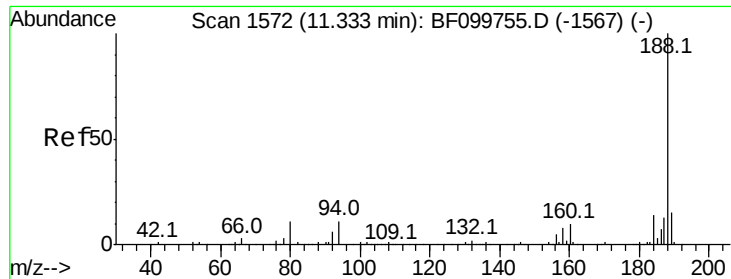
#57
Fluorene
Concen: 2.626 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.5	79.8	119.8
167	12.8	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





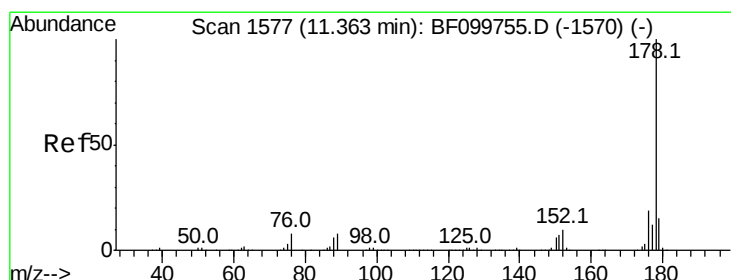
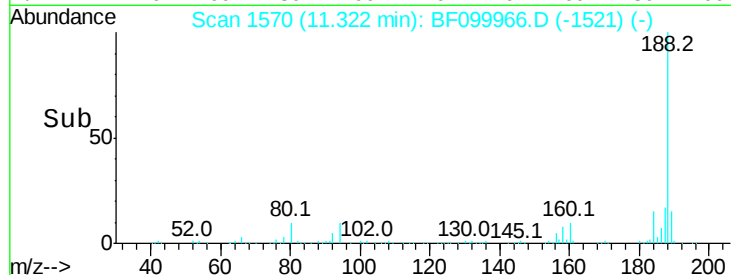
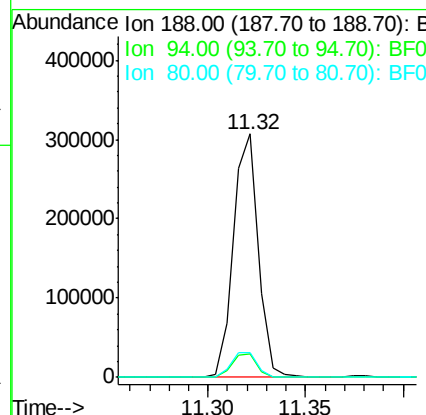
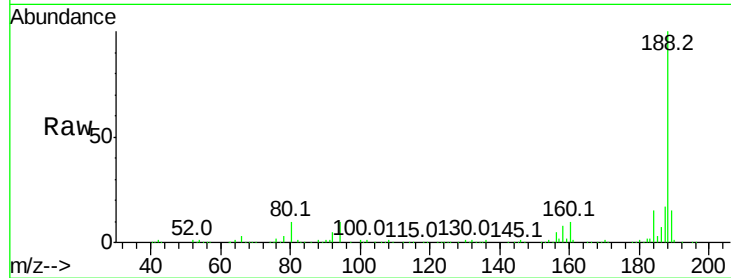
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Instrument :
BNA_F
ClientSampleId :
CL-01-102617-D

Tot Ion	Ratio	Resp	Lower	Upper
188	100	271024		
94	9.7		8.5	12.7
80	10.2		9.2	13.8

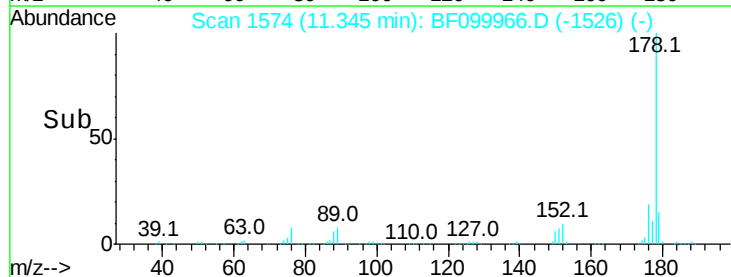
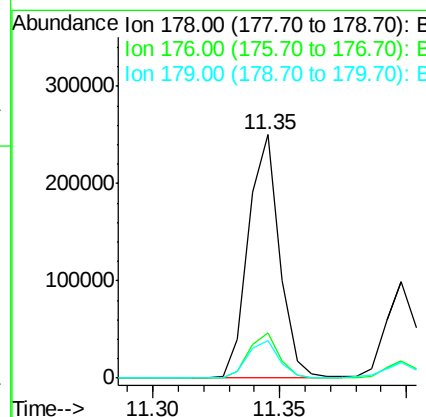
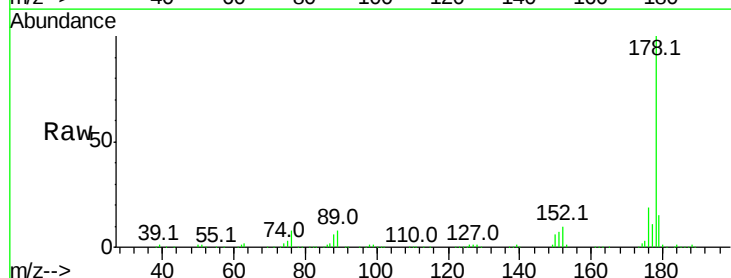
Manual Integrations
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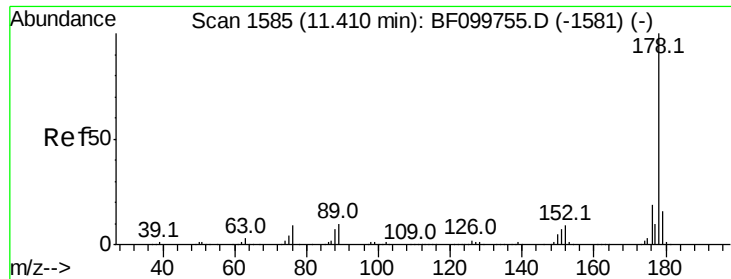
Sohil
10/31/2017 7:41:07 PM



#70
Phenanthrene
Concen: 14.067 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	215161		
176	18.8		15.8	23.8
179	15.2		13.0	19.6





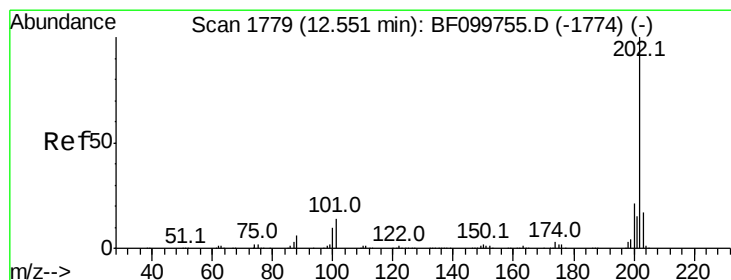
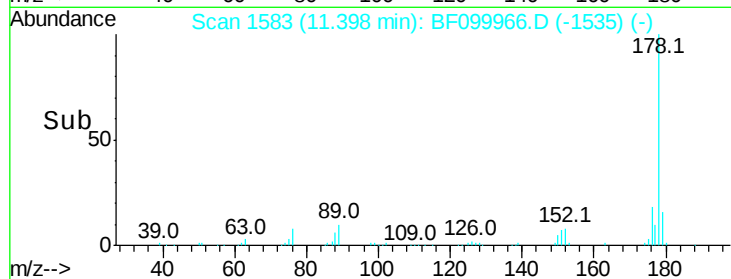
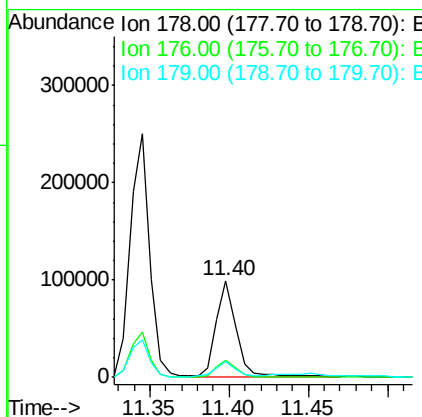
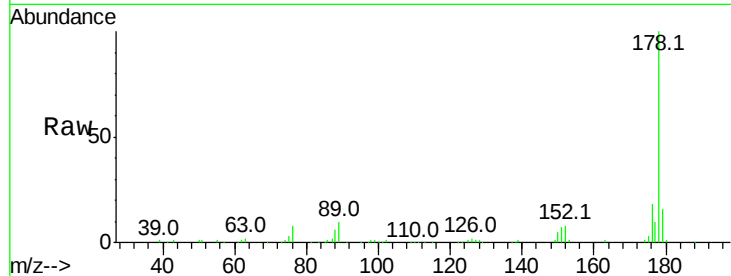
#71
 Anthracene
 Concen: 5.559 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.02 min
 Lab File: BF099966.D
 Acq: 30 Oct 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-D

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	16.0	12.6	19.0

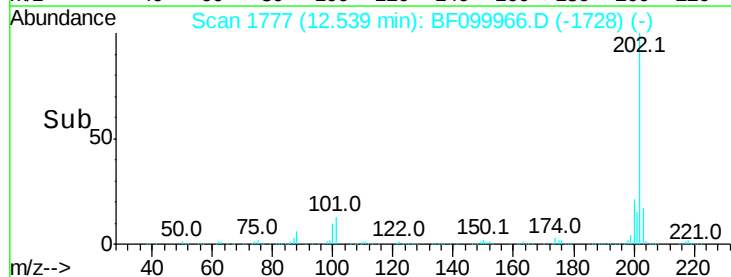
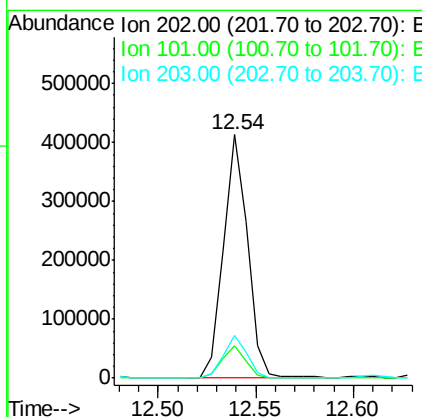
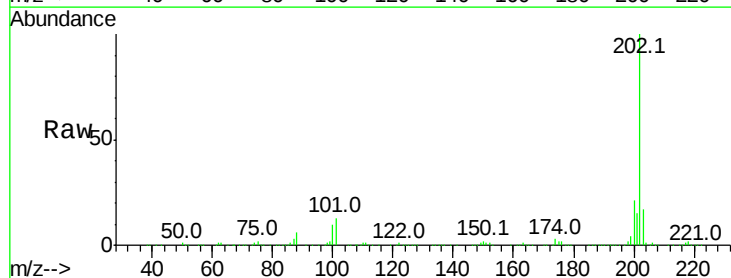
Manual Integrations
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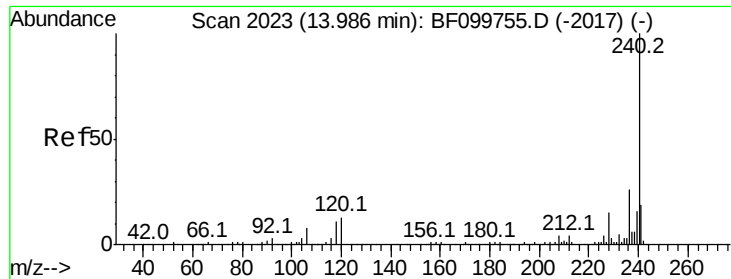
Sohil
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#74
 Fluoranthene
 Concen: 22.419 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF099966.D
 Acq: 30 Oct 2017 18:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	17.4	0.0	38.1





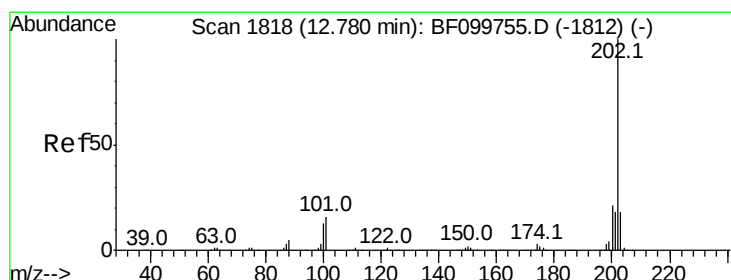
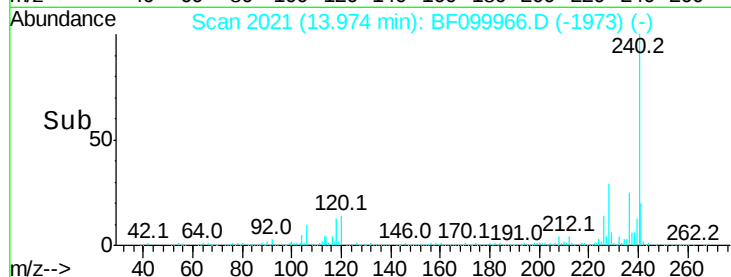
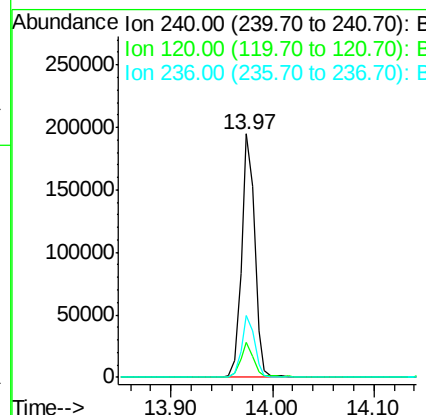
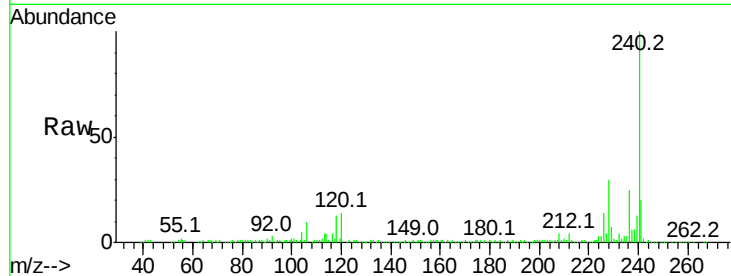
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Instrument :
BNA_F
ClientSampled :
CL-01-102617-D

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	25.1	20.7	31.1

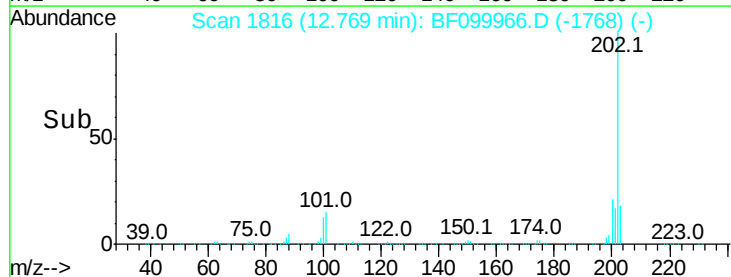
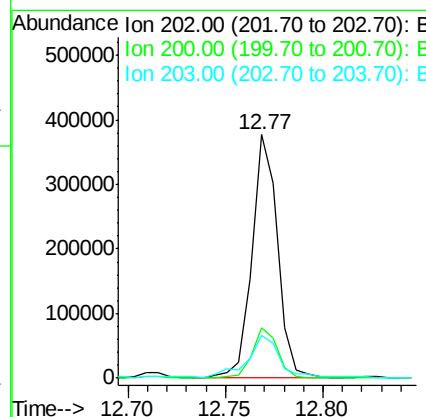
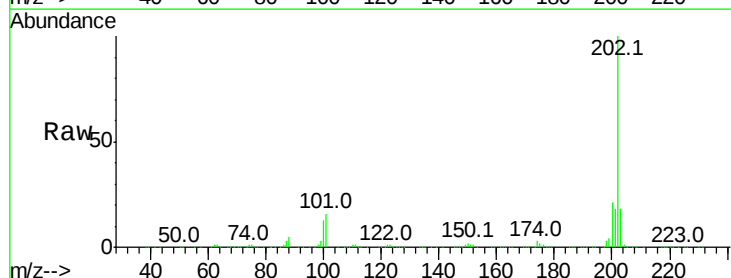
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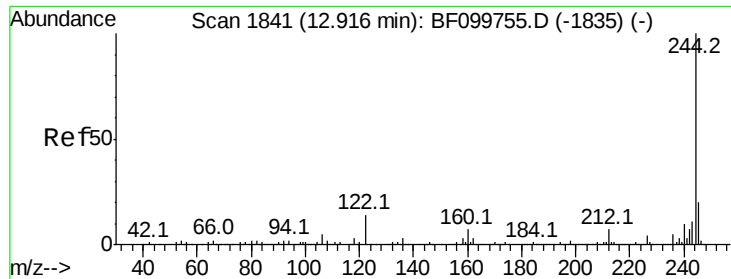
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#77
Pyrene
Concen: 25.208 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.7	14.3	21.5





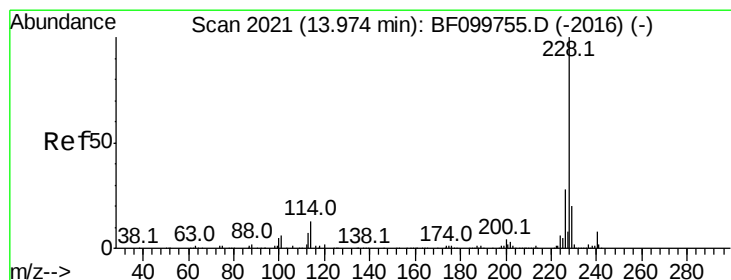
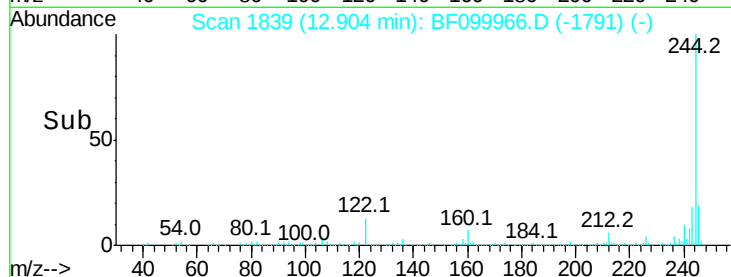
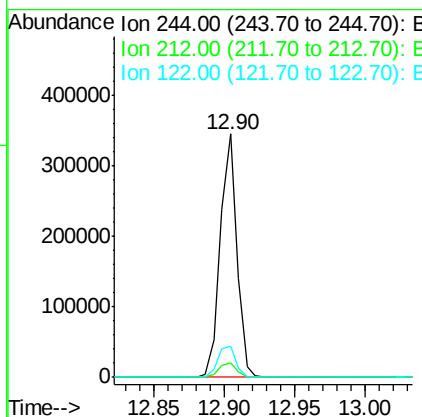
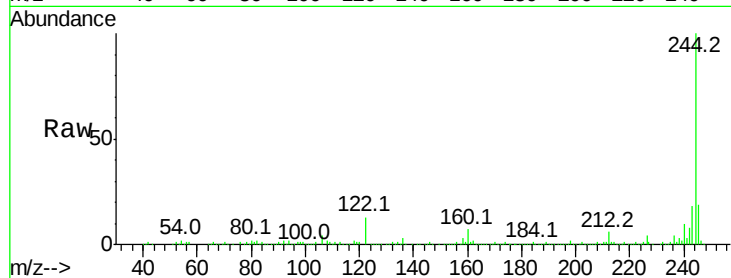
#78
 Terphenyl-d14
 Concen: 35.167 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.02 min
 Lab File: BF099966.D
 Acq: 30 Oct 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-D

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.2	5.4	8.0	
122	12.9	11.0	16.4	

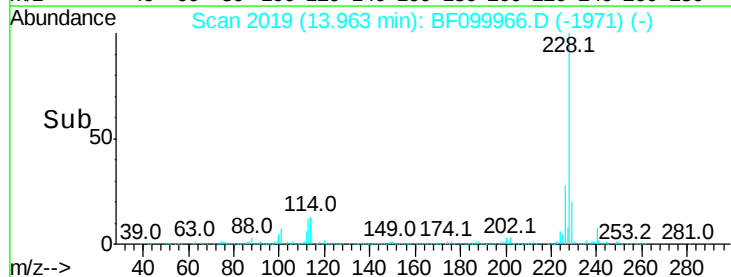
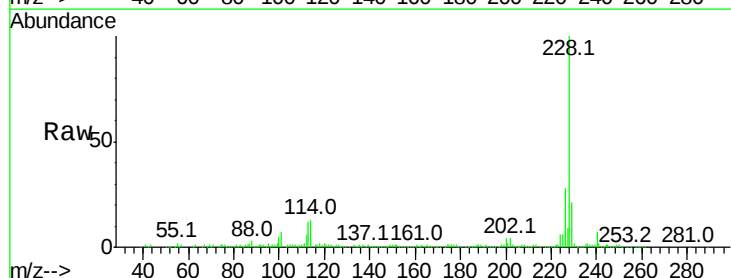
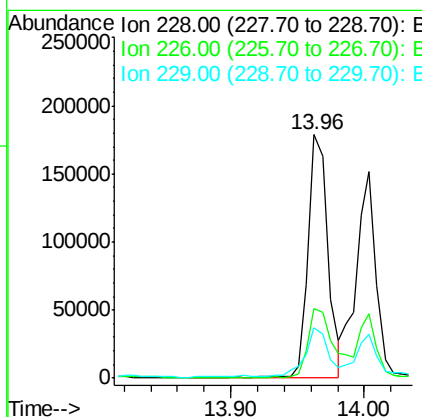
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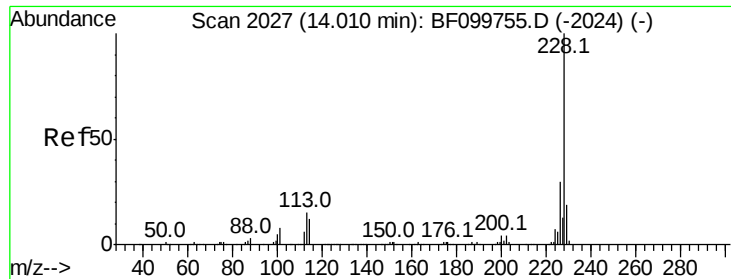
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#80
 Benzo(a)anthracene
 Concen: 15.994 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF099966.D
 Acq: 30 Oct 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.4	22.6	33.8	
229	20.8	15.8	23.6	





#82

Chrysene

Concen: 14.969 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF099966.D

Acq: 30 Oct 2017 18:11

Instrument :

BNA_F

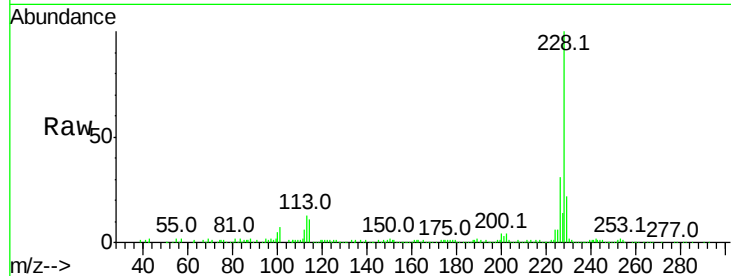
ClientSampleId :

CL-01-102617-D

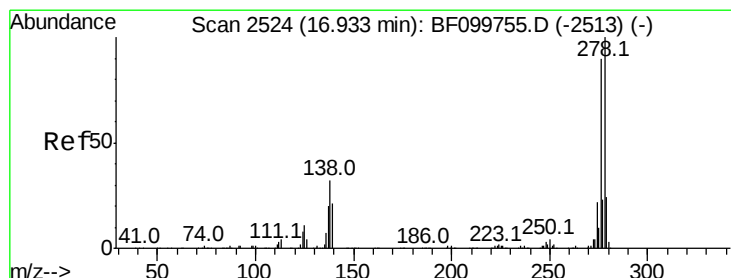
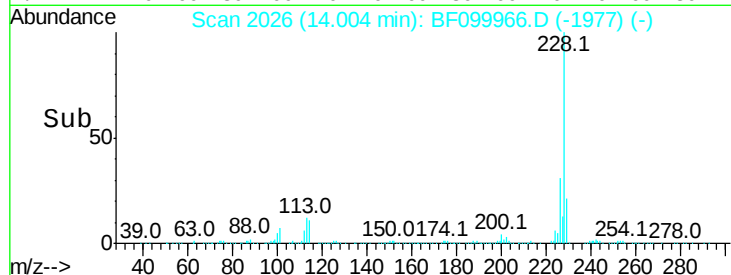
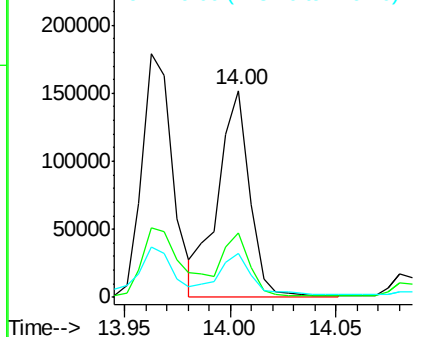
Tot Ion:	228	Resp:	157447
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	21.5	16.2	24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 8.530 ng

RT: 16.95 min Scan# 2527

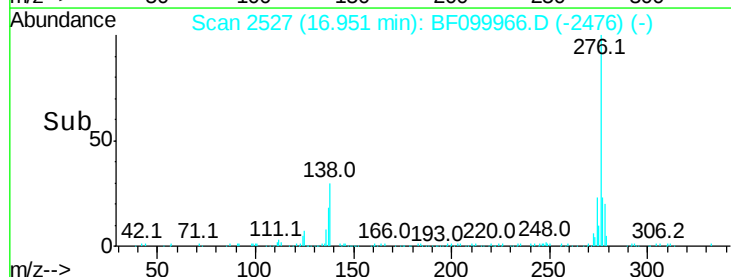
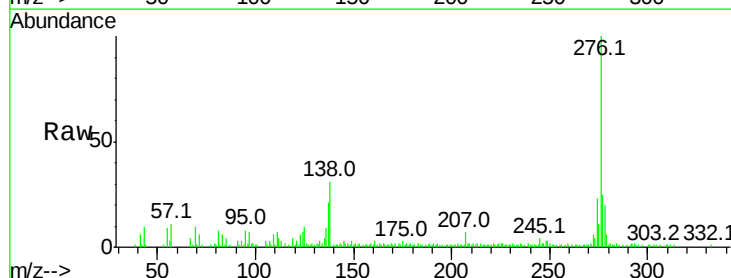
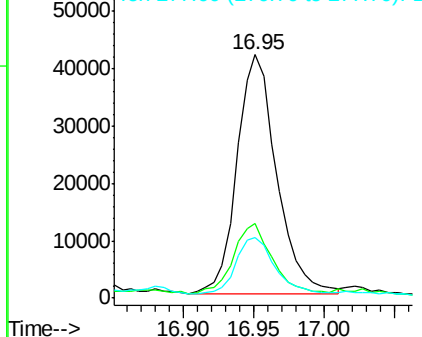
Delta R.T. 0.00 min

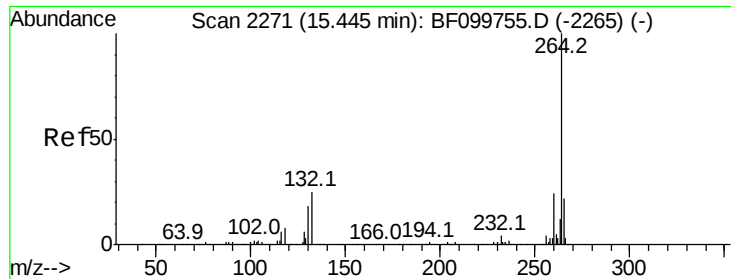
Lab File: BF099966.D

Acq: 30 Oct 2017 18:11

Tgt Ion:	276	Resp:	82371
Ion Ratio	Lower	Upper	
276	100		
138	29.2	25.0	37.6
277	23.6	20.1	30.1

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





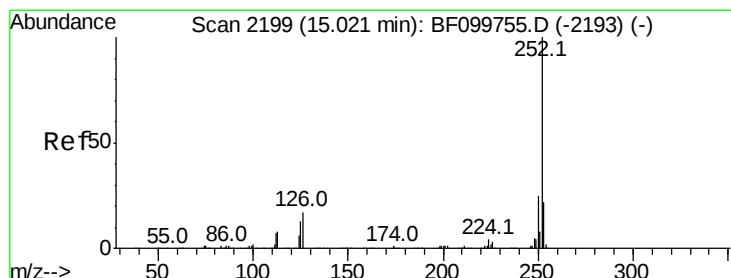
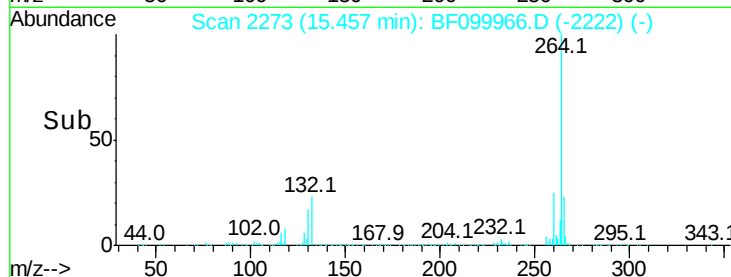
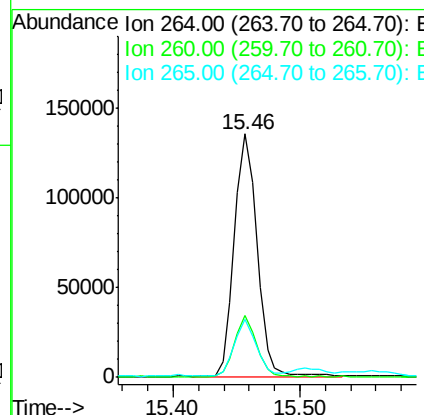
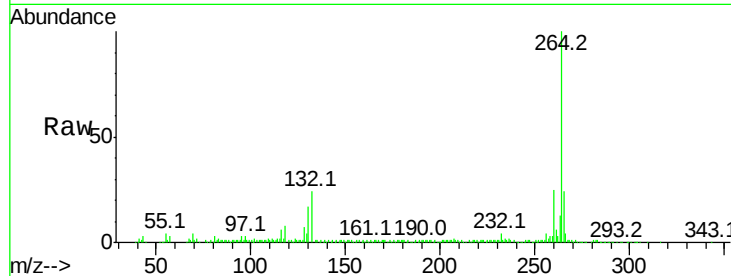
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Instrument :
BNA_F
ClientSampled :
CL-01-102617-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	23.7	17.5	26.3

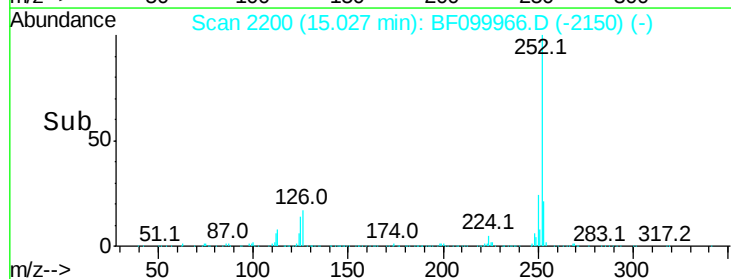
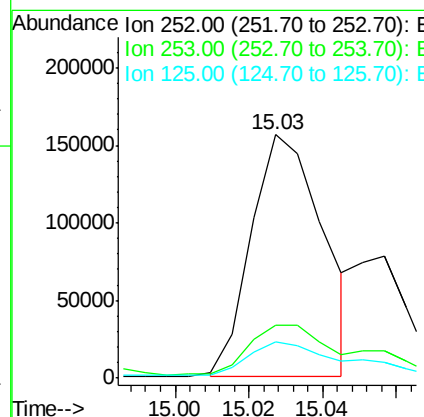
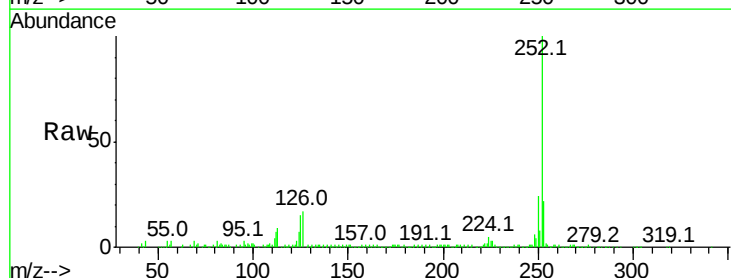
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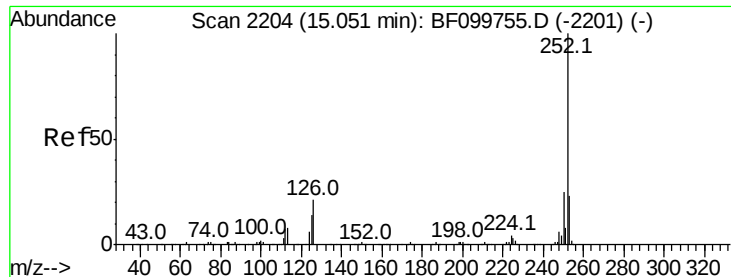
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#87
Benzo(b)fluoranthene
Concen: 19.731 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	14.8	9.0	13.6





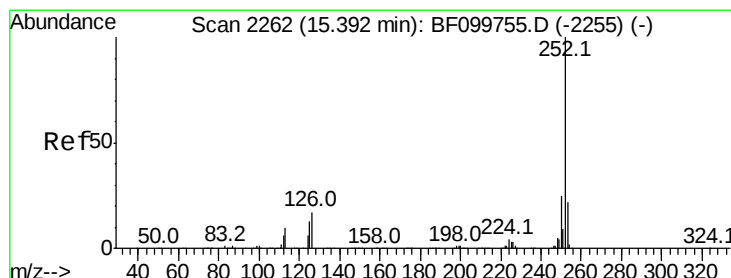
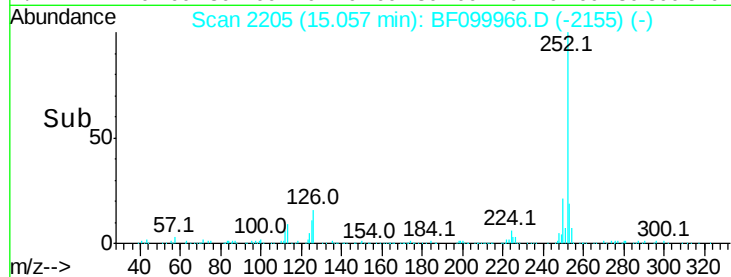
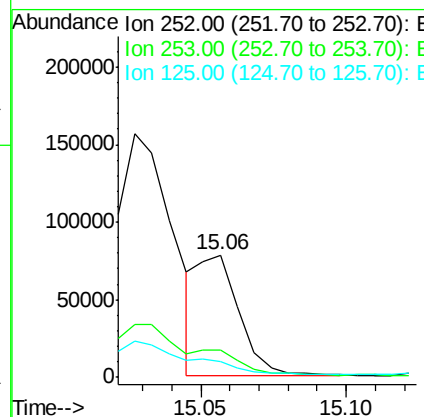
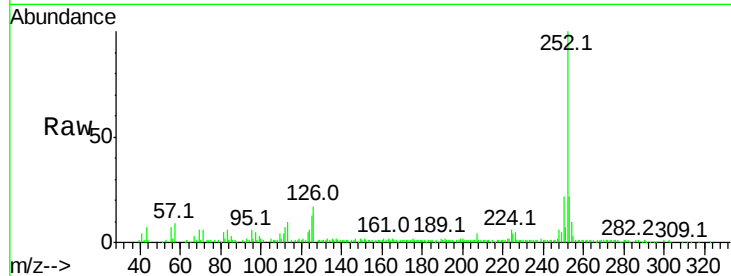
#88
Benzo(k)fluoranthene
Concen: 7.685 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Instrument :
BNA_F
ClientSampleId :
CL-01-102617-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	13.3	10.2	15.2

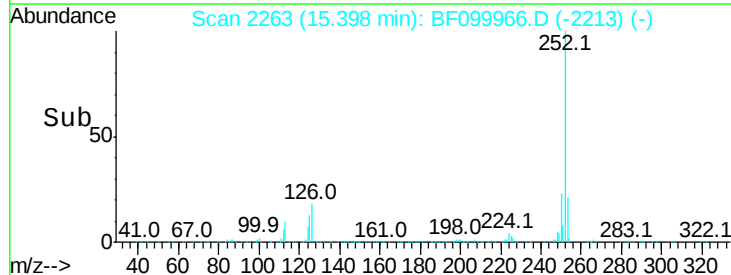
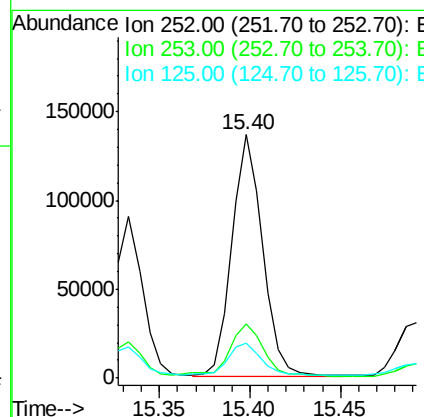
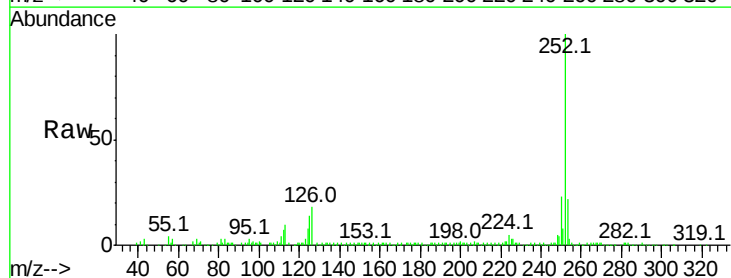
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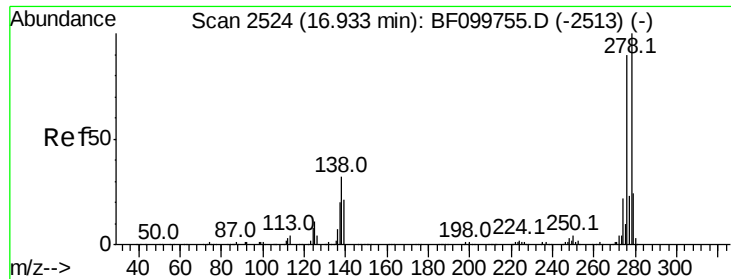
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#89
Benzo(a)pyrene
Concen: 16.793 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	14.4	9.8	14.6





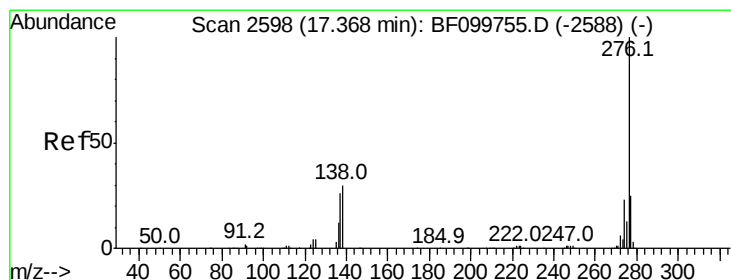
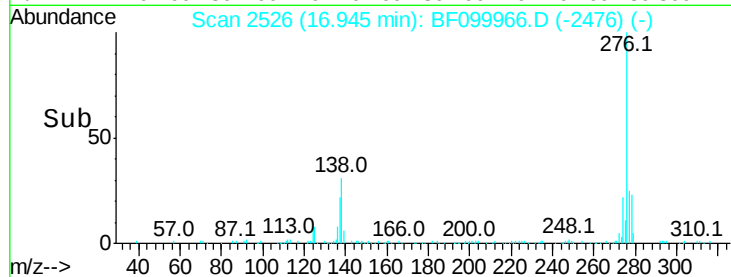
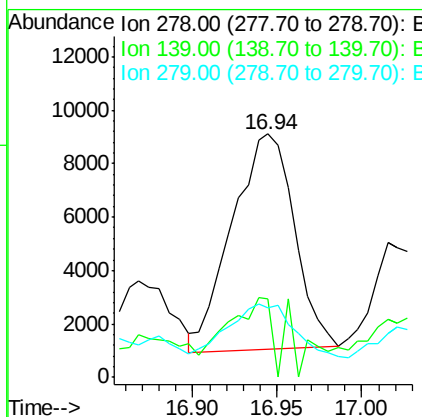
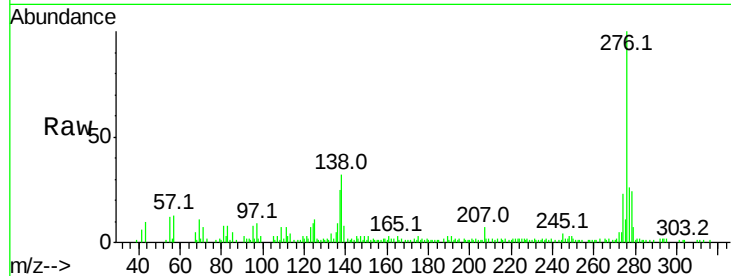
#90
Dibenzo(a,h)anthracene
Concen: 2.426 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Instrument :
BNA_F
ClientSampleId :
CL-01-102617-D

Tot Ion	Ratio	Lower	Upper
278	100		
139	32.5	15.9	23.9#
279	28.5	19.0	28.4#

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#91
Benzo(g,h,i)perylene
Concen: 8.924 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.01 min
Lab File: BF099966.D
Acq: 30 Oct 2017 18:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.6	17.9	26.9
138	28.6	21.8	32.8

