

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104708.D
 Acq On : 23 Apr 2018 14:40
 Operator : JU/SJ
 Sample : J2495-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-RO-1-7-A

Manual Integrations
 APPROVED

Sohil
 4/24/2018 3:48:36 PM

Quant Time: Apr 24 08:56:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	113379	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	452850	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	192060	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	303090	20.00	ng	0.01
75) Chrysene-d12	13.99	240	202761	20.00	ng	0.00
86) Perylene-d12	15.47	264	154220	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	633356	85.42	ng	0.02
7) Phenol-d6	6.46	99	777743	85.37	ng	0.01
23) Nitrobenzene-d5	7.37	82	431161	62.17	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	163445	82.04	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	790286	65.00	ng	0.00
78) Terphenyl-d14	12.93	244	634081	71.30	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	57219	3.778	ng	99
70) Phenanthrene	11.36	178	46453	2.752	ng	97
74) Fluoranthene	12.56	202	84971	4.818	ng	100
77) Pyrene	12.79	202	69534	4.627	ng	98
80) Benzo(a)anthracene	13.98	228	29739	2.455	ng	94
82) Chrysene	14.02	228	31391	2.523	ng	96
83) Bis(2-ethylhexyl)phthalate	13.96	149	24584	2.699	ng	# 97
87) Benzo(b)fluoranthene	15.03	252	28336m	2.909	ng	

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

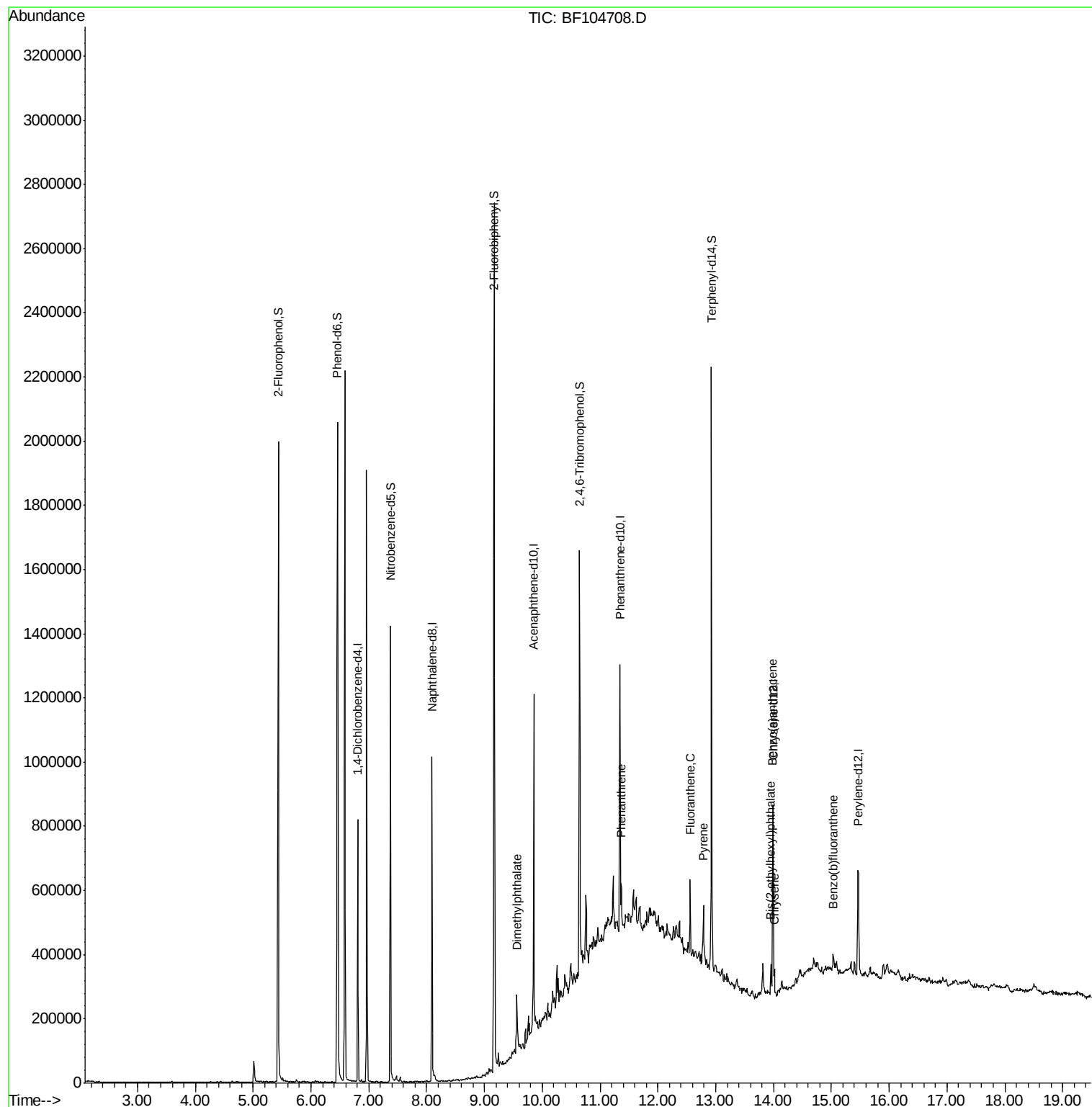
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104708.D
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Operator : JU/SJ
Sample : J2495-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

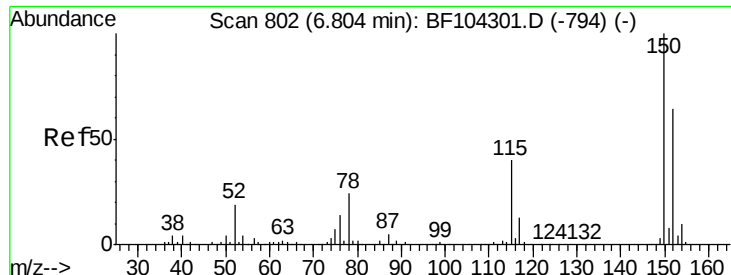
Instrument :
BNA_F
ClientSampleId :
RS-RO-1-7-A

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#1

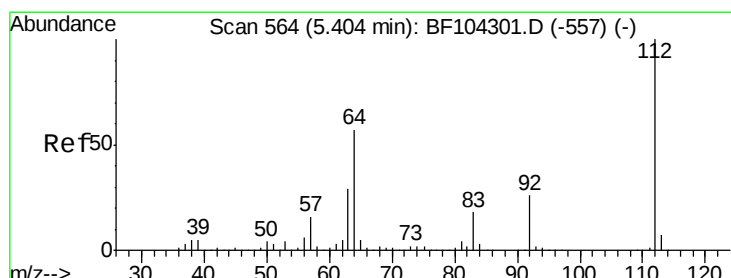
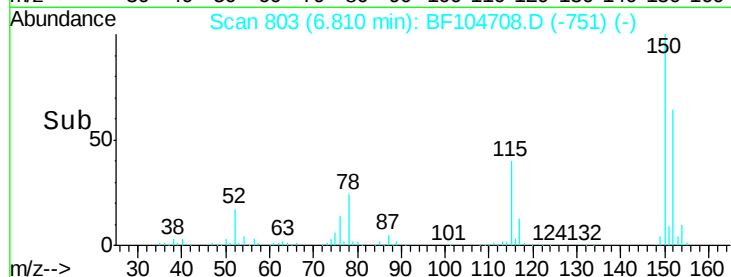
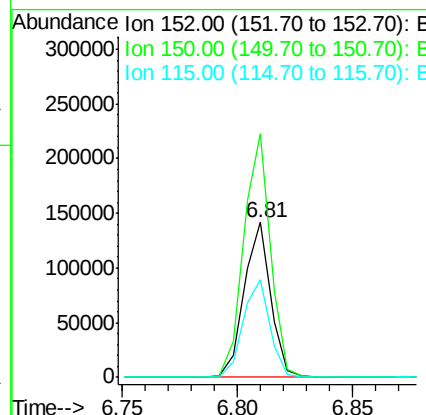
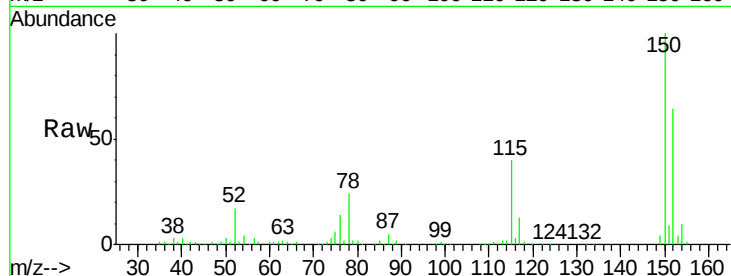
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104708.D
Acq: 23 Apr 2018 14:40

Instrument :
BNA_F
ClientSampleId :
RS-RO-1-7-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	63.3	50.1	75.1

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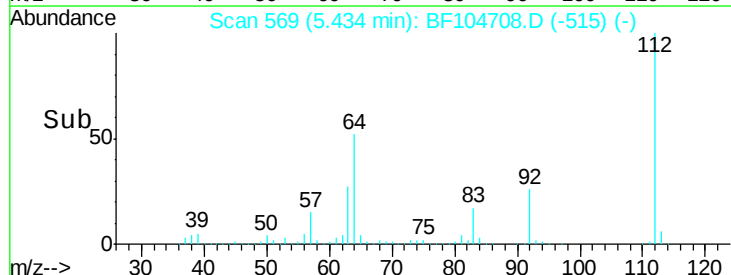
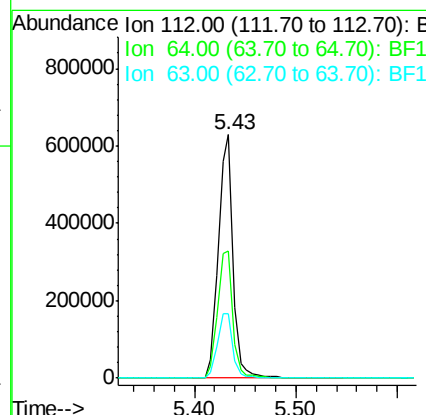
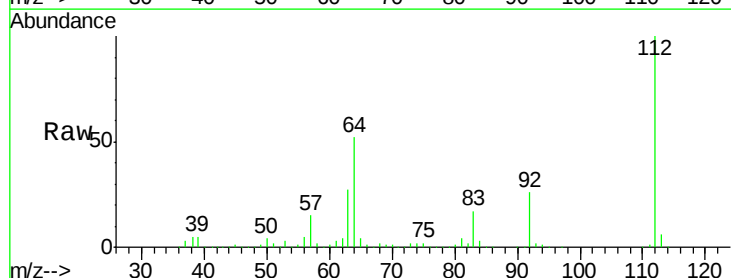
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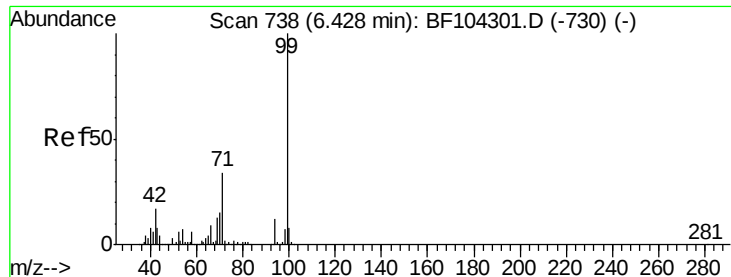


#5

2-Fluorophenol
Concen: 85.416 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104708.D
Acq: 23 Apr 2018 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	26.5	23.7	35.5





#7

Phenol-d6

Concen: 85.367 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104708.D

Acq: 23 Apr 2018 14:40

Instrument :

BNA_F

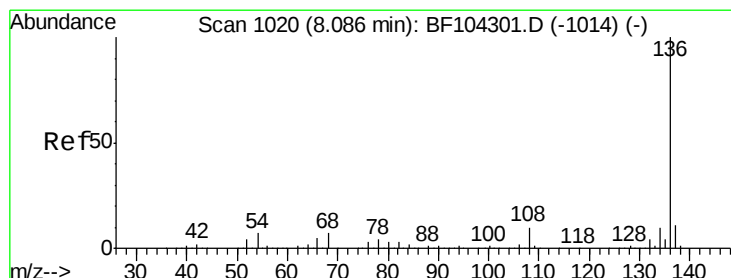
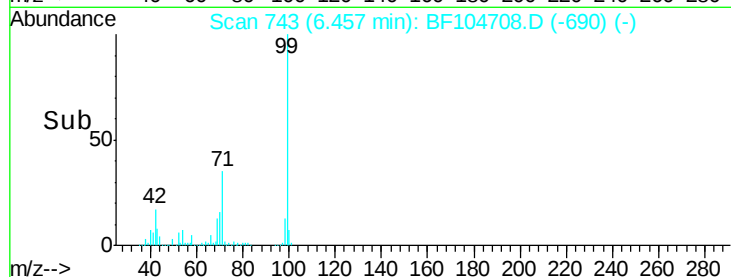
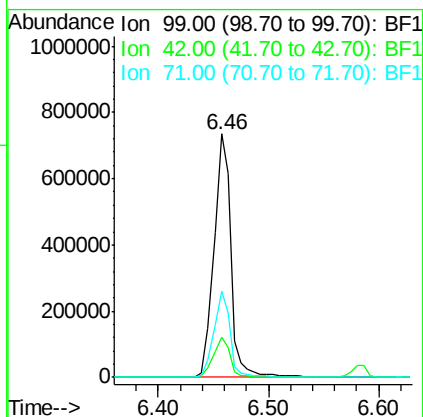
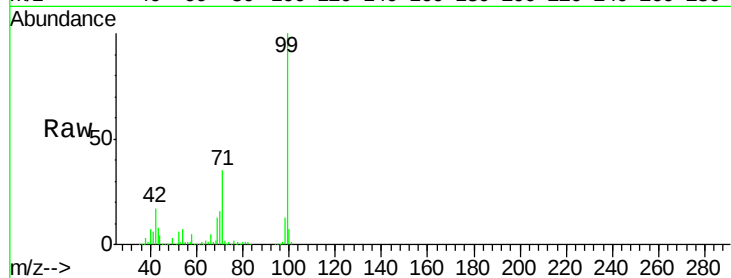
ClientSampleId :

RS-RO-1-7-A

Tot Ion:	99	Resp:	777743
Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	35.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

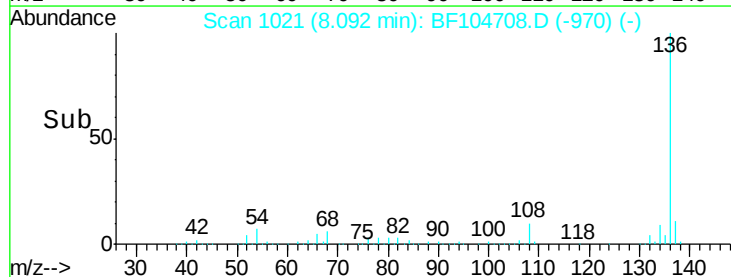
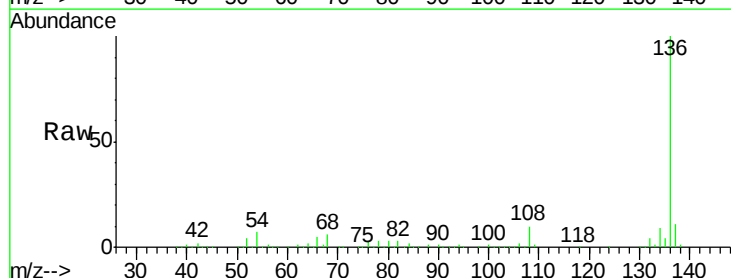
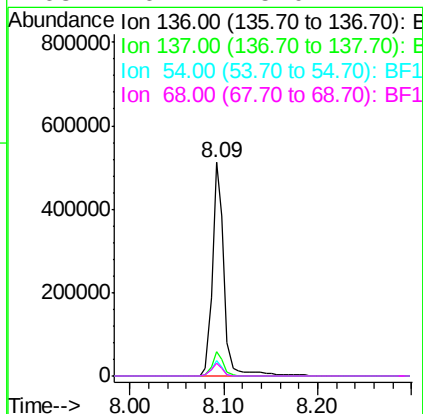
RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104708.D

Acq: 23 Apr 2018 14:40

Tgt Ion:	136	Resp:	452850
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.4	6.6	9.8
68	6.1	5.0	7.4





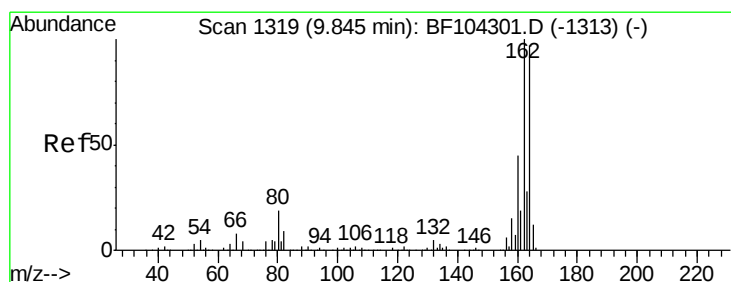
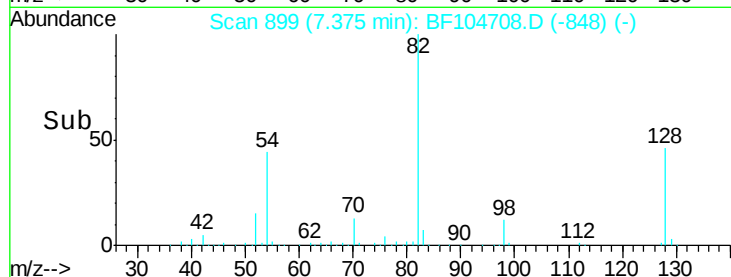
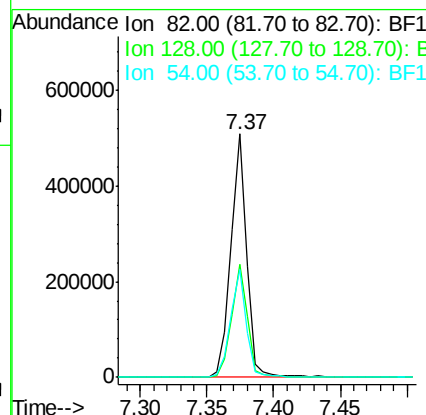
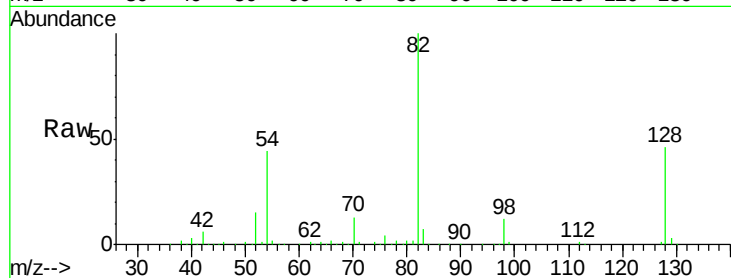
#23
 Nitrobenzene-d5
 Concen: 62.171 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104708.D
 Acq: 23 Apr 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 RS-RO-1-7-A

Tot Ion	82	Resp	431161
Ion Ratio	100	Lower	Upper
128	46.5	36.1	54.1
54	44.5	41.4	62.2

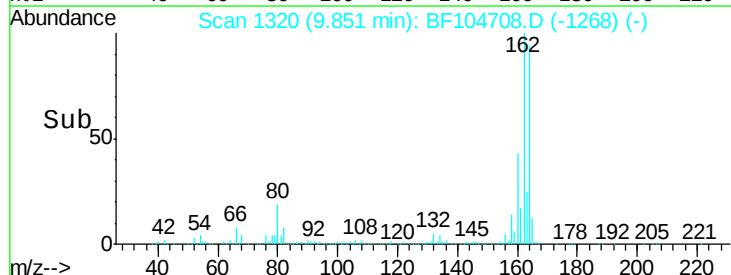
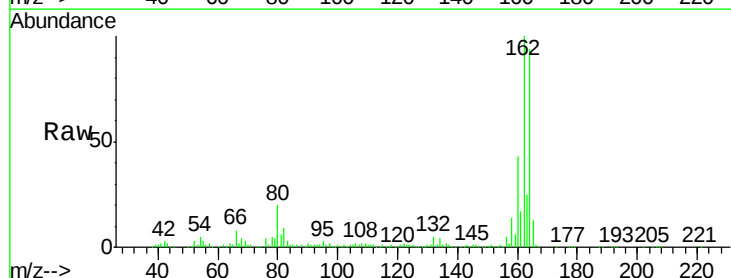
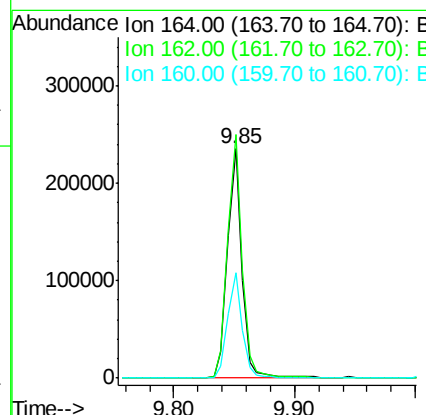
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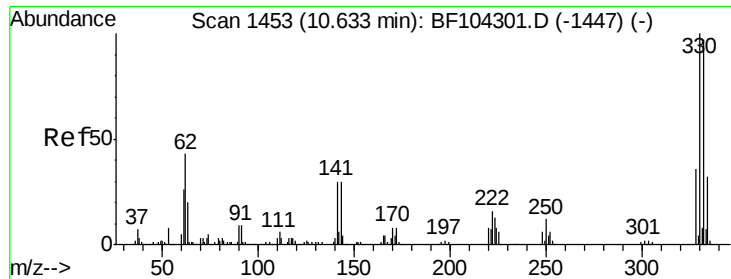
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF104708.D
 Acq: 23 Apr 2018 14:40

Tgt Ion	164	Resp	192060
Ion Ratio	100	Lower	Upper
162	106.1	86.1	129.1
160	46.0	38.3	57.5





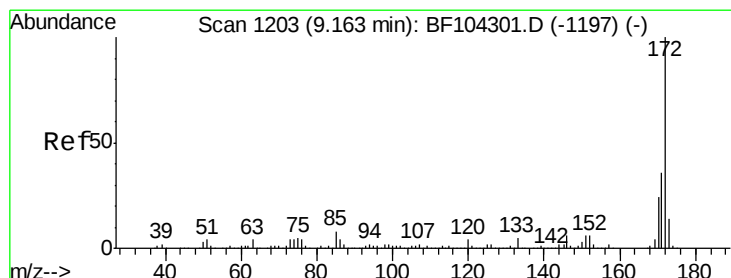
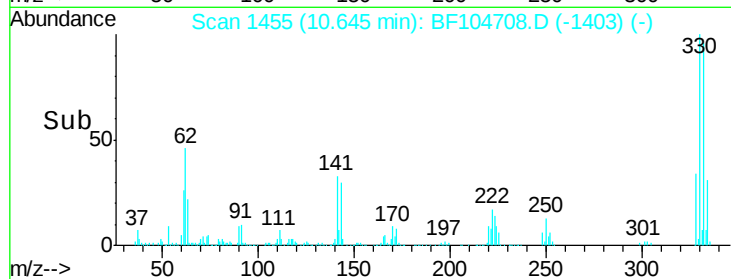
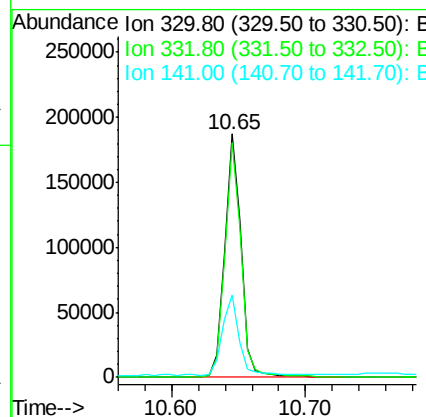
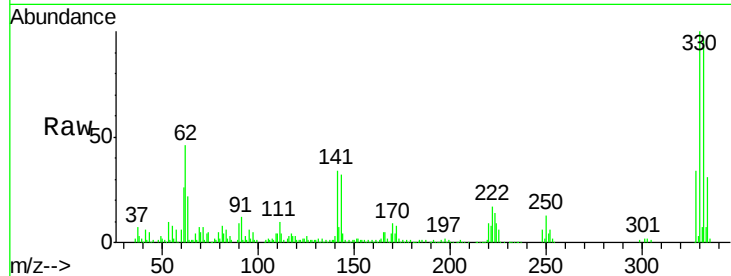
#41
 2,4,6-Tribromophenol
 Concen: 82.039 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104708.D
 Acq: 23 Apr 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 RS-RO-1-7-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	163445		
332	96.0	77.0	115.6	
141	33.6	29.9	44.9	

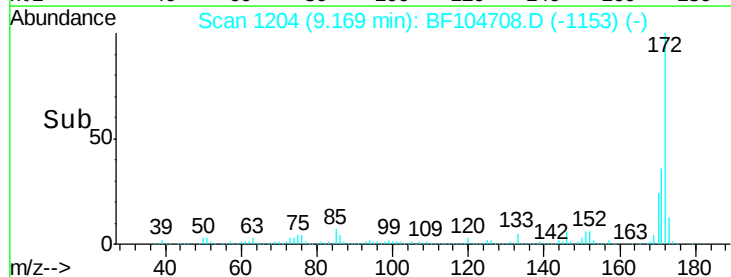
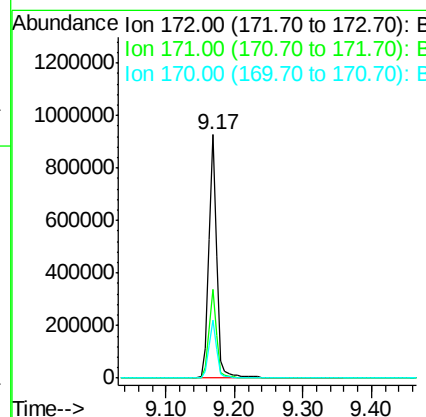
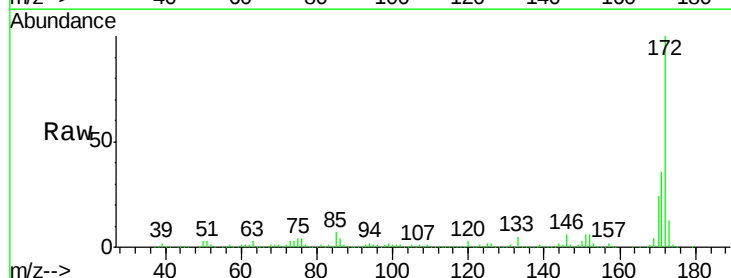
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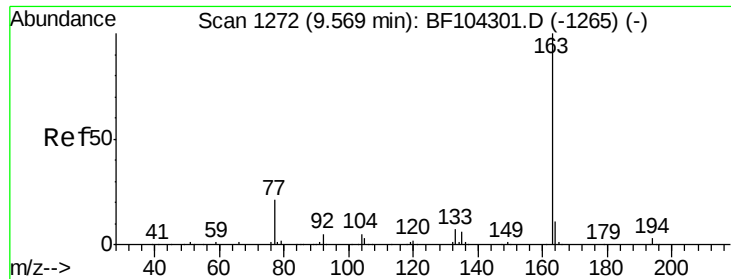
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#44
 2-Fluorobiphenyl
 Concen: 65.003 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104708.D
 Acq: 23 Apr 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	790286		
171	36.4	29.7	44.5	
170	23.9	19.6	29.4	





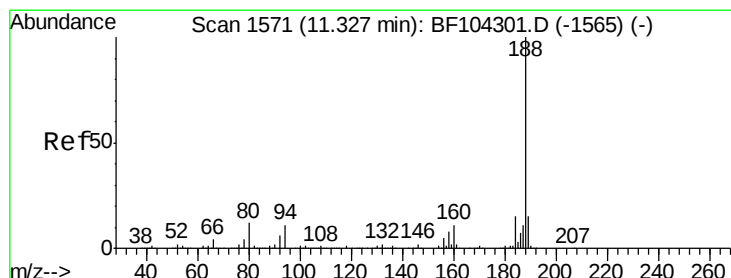
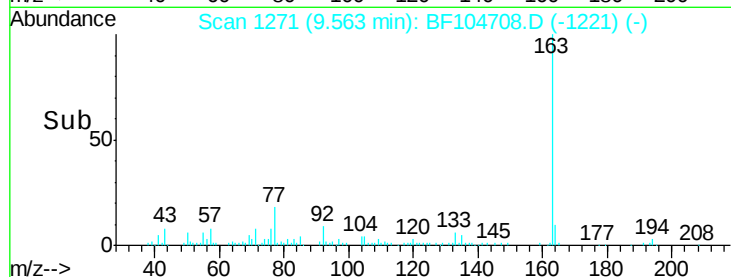
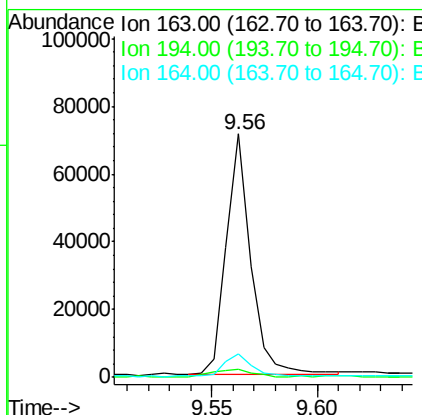
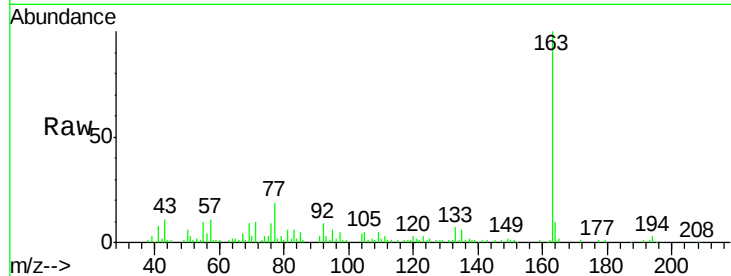
#49
Dimethylphthalate
Concen: 3.778 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104708.D
Acq: 23 Apr 2018 14:40

Instrument :
BNA_F
ClientSampleId :
RS-RO-1-7-A

Tot Ion:	163	Resp:	57219
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	9.6	8.2	12.2

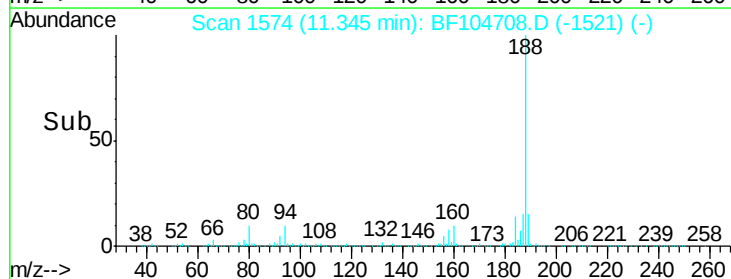
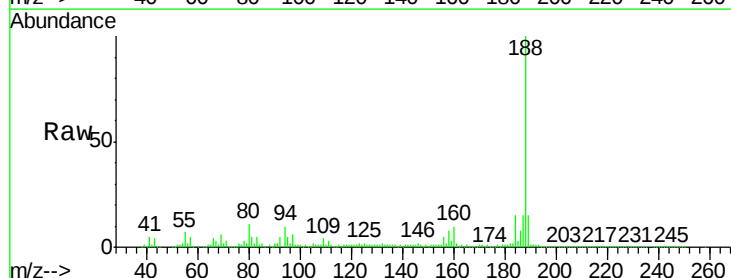
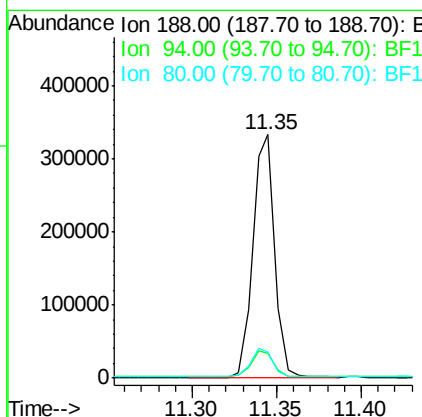
Manual Integrations
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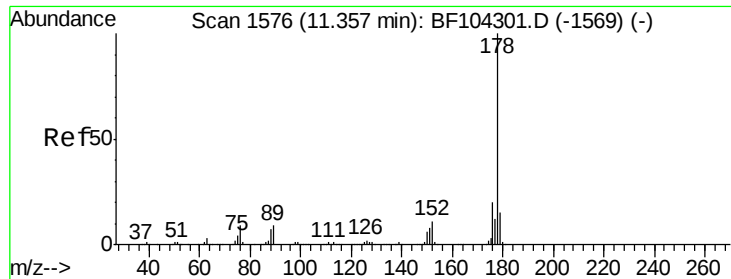
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF104708.D
Acq: 23 Apr 2018 14:40

Tgt Ion:	188	Resp:	303090
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.5	12.7
80	10.6	9.2	13.8





#70

Phenanthrene

Concen: 2.752 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BF104708.D

Acq: 23 Apr 2018 14:40

Instrument :

BNA_F

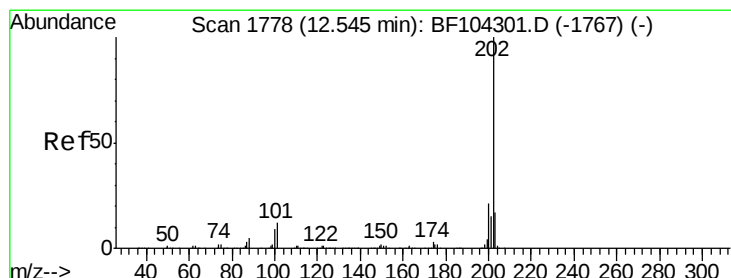
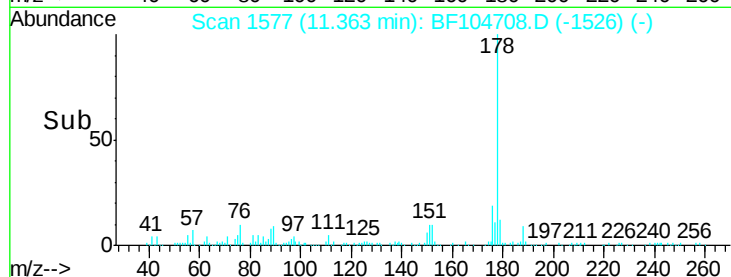
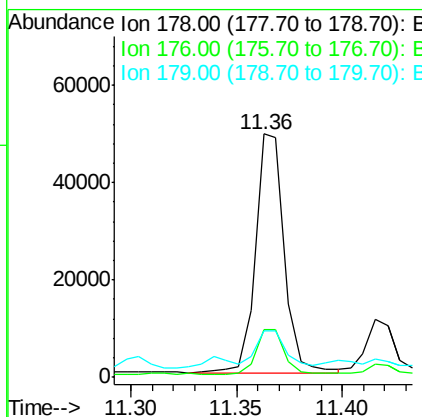
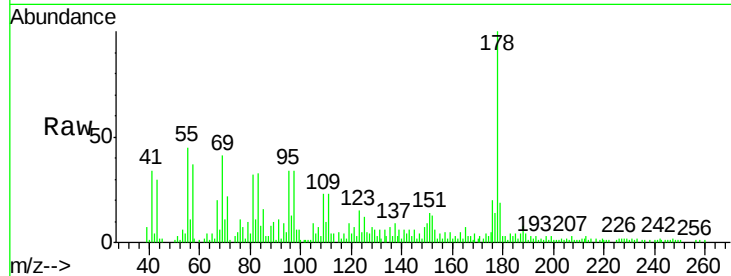
ClientSampleId :

RS-RO-1-7-A

Tot Ion:	178	Resp:	46453
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.8	23.8
179	18.9	13.0	19.6

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#74

Fluoranthene

Concen: 4.818 ng

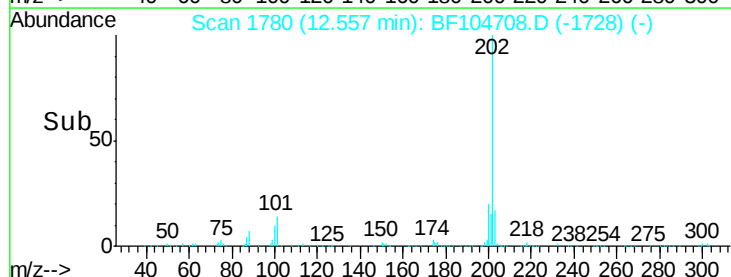
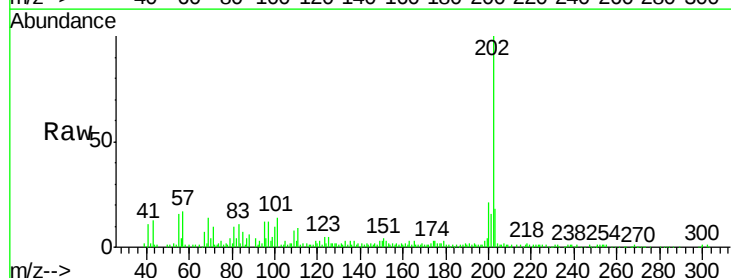
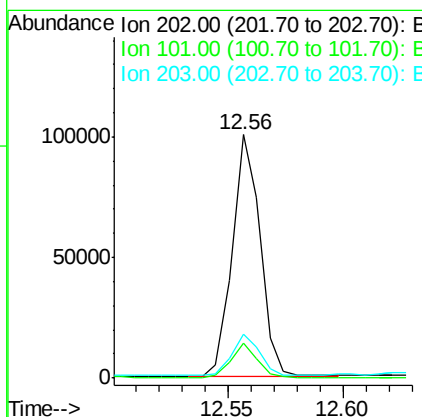
RT: 12.56 min Scan# 1780

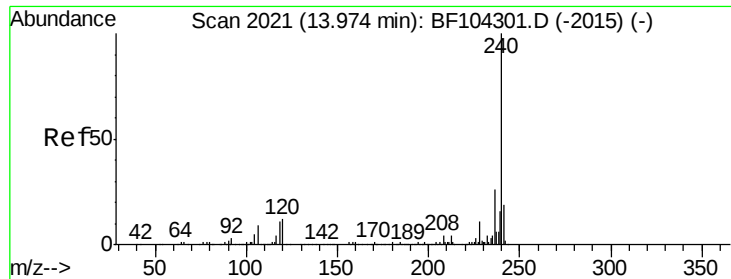
Delta R.T. 0.01 min

Lab File: BF104708.D

Acq: 23 Apr 2018 14:40

Tgt Ion:	202	Resp:	84971
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104708.D

Acq: 23 Apr 2018 14:40

Instrument :

BNA_F

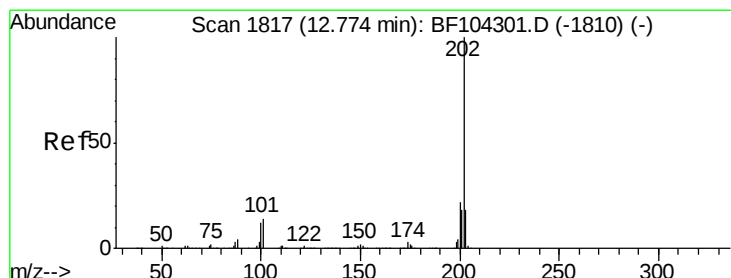
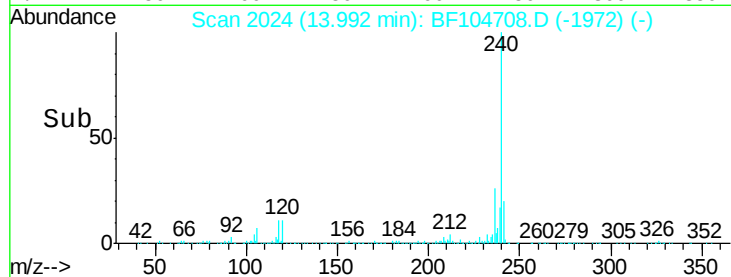
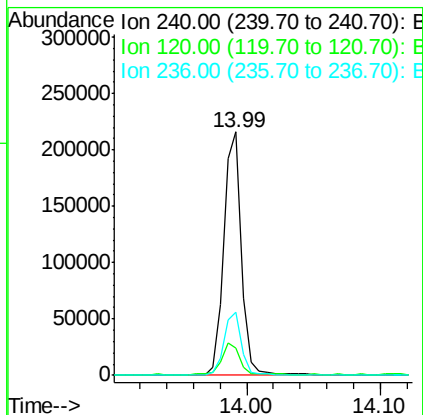
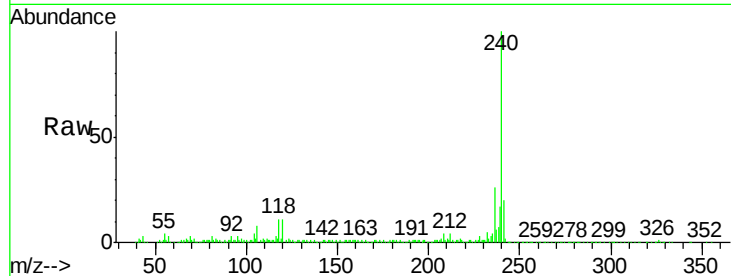
ClientSampleId :

RS-RO-1-7-A

Tot Ion:	240	Resp:	202761
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	25.9	20.7	31.1

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#77

Pyrene

Concen: 4.627 ng

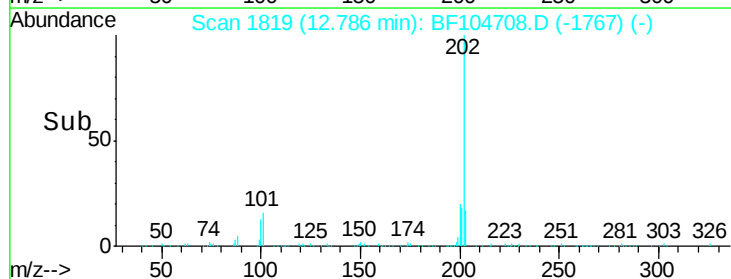
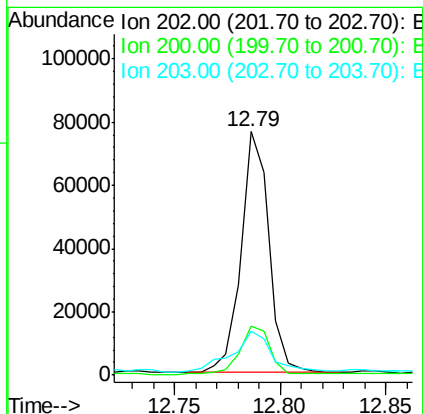
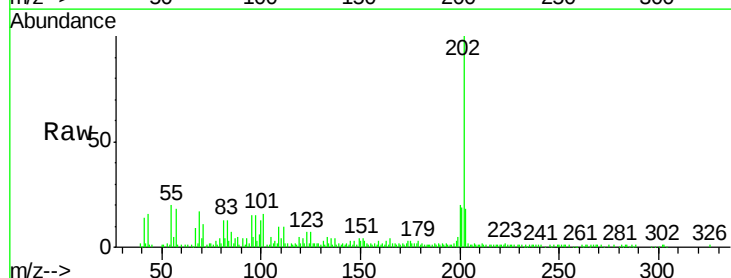
RT: 12.79 min Scan# 1819

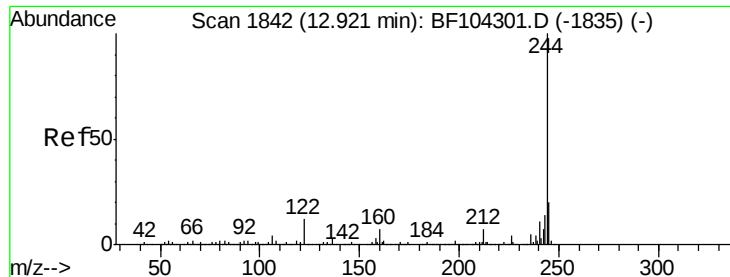
Delta R.T. 0.01 min

Lab File: BF104708.D

Acq: 23 Apr 2018 14:40

Tgt Ion:	202	Resp:	69534
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.4	26.2
203	18.2	14.3	21.5





#78

Terphenyl-d14

Concen: 71.296 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104708.D

Acq: 23 Apr 2018 14:40

Instrument :

BNA_F

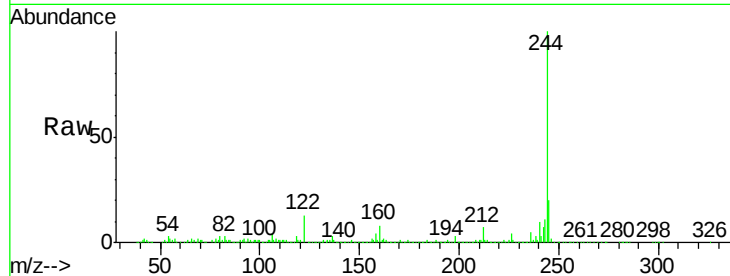
ClientSampleId :

RS-RO-1-7-A

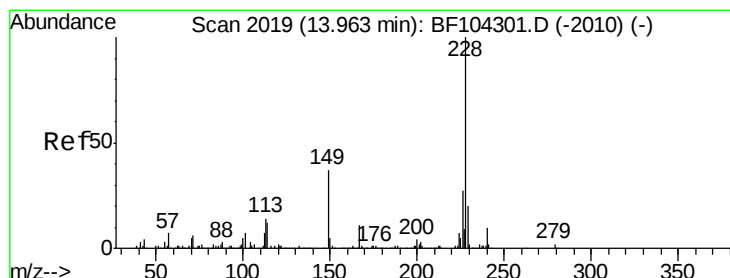
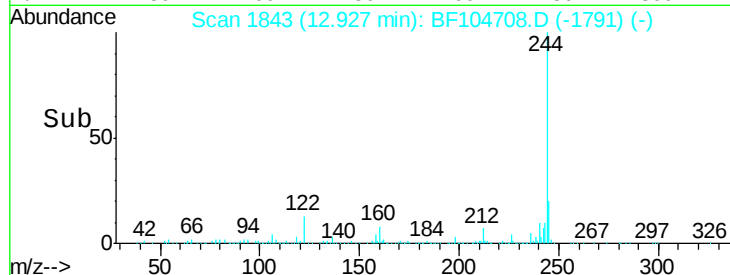
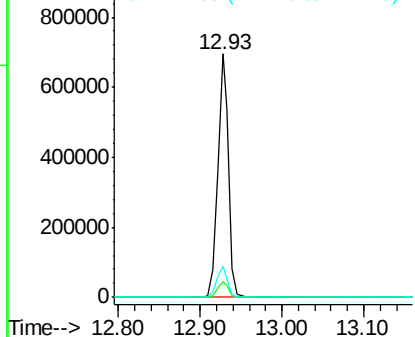
Tot Ion:	244	Resp:	634081
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	12.9	11.0	16.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 2.455 ng

RT: 13.98 min Scan# 2022

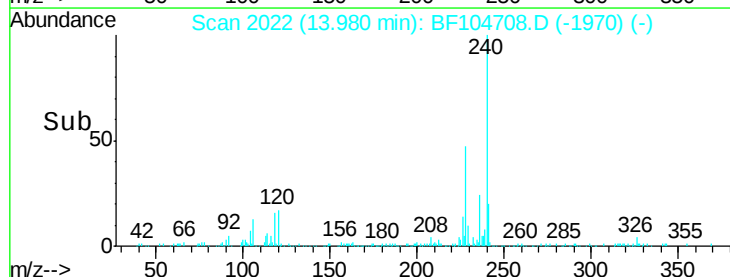
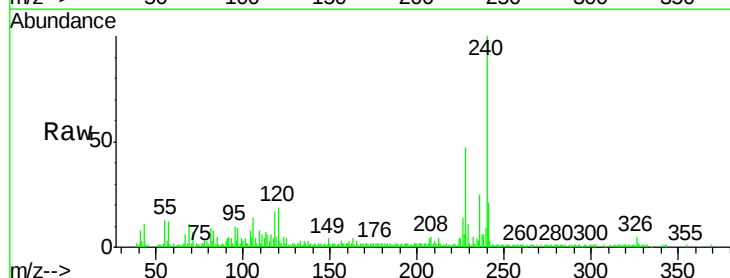
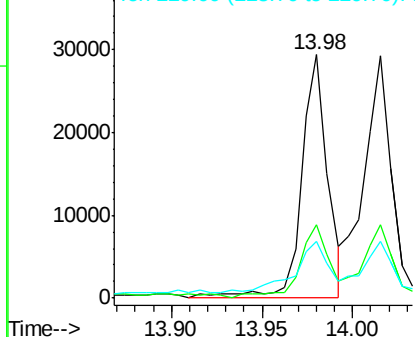
Delta R.T. 0.01 min

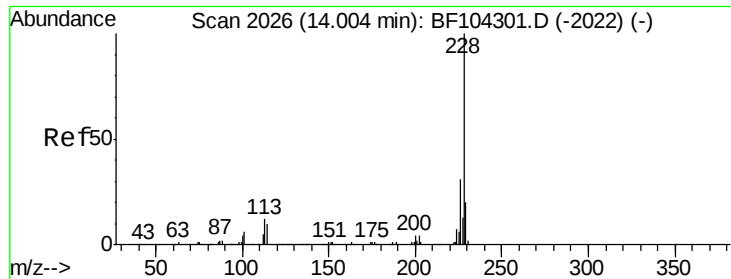
Lab File: BF104708.D

Acq: 23 Apr 2018 14:40

Tgt Ion:	228	Resp:	29739
Ion Ratio	Lower	Upper	
228	100		
226	30.2	22.6	33.8
229	23.5	15.8	23.6

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





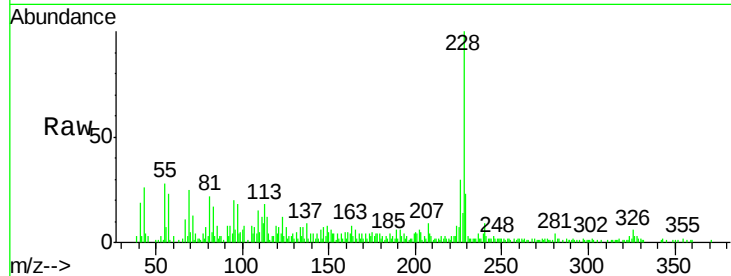
#82
Chrysene
Concen: 2.523 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF104708.D
Acq: 23 Apr 2018 14:40

Instrument :
BNA_F
ClientSampleId :
RS-RO-1-7-A

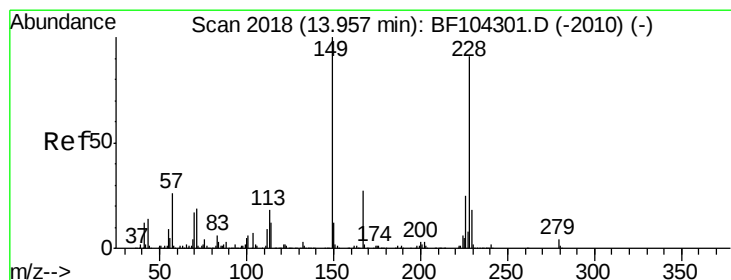
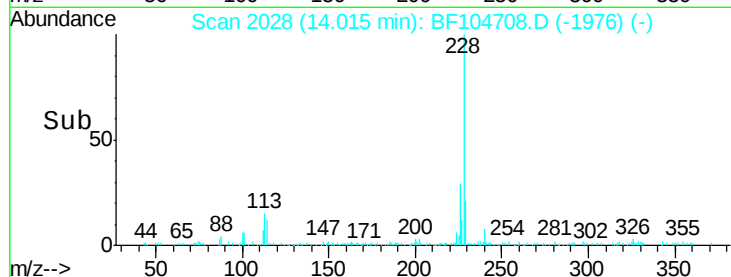
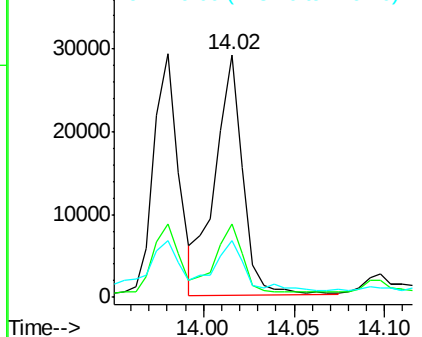
Tot Ion:228	Resp:	31391
Ion Ratio	Lower	Upper
228 100		
226 30.1	25.0	37.6
229 23.4	16.2	24.4

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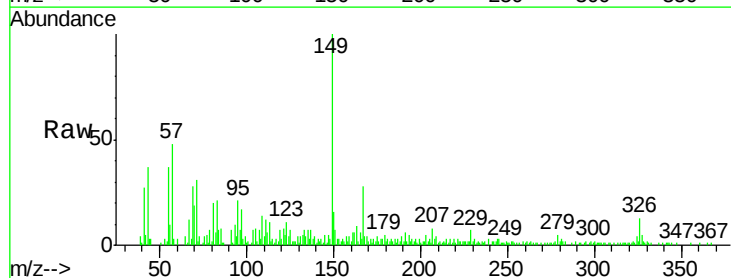


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

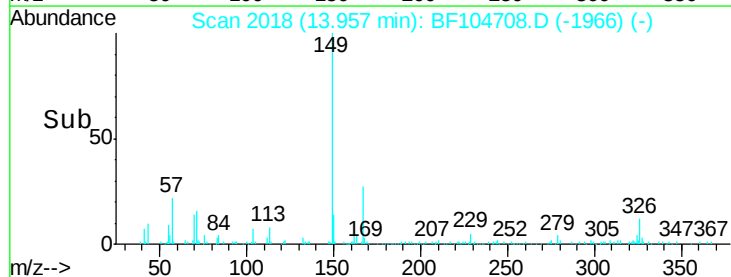
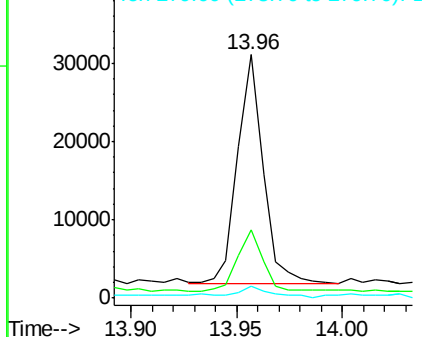


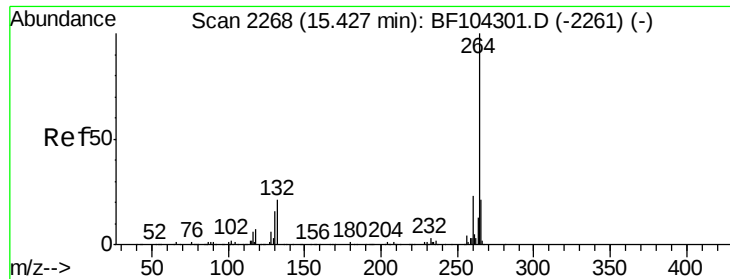
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.699 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF104708.D
Acq: 23 Apr 2018 14:40

Tgt Ion:149	Resp:	24584
Ion Ratio	Lower	Upper
149 100		
167 28.0	21.3	31.9
279 4.7	3.0	4.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





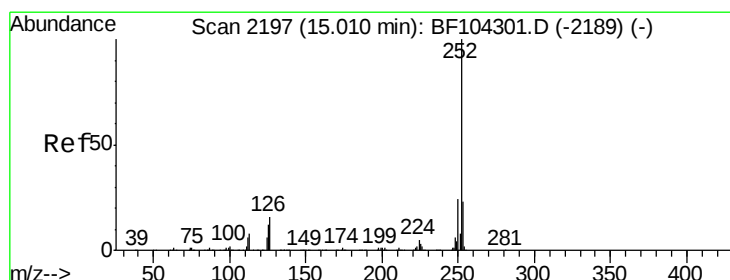
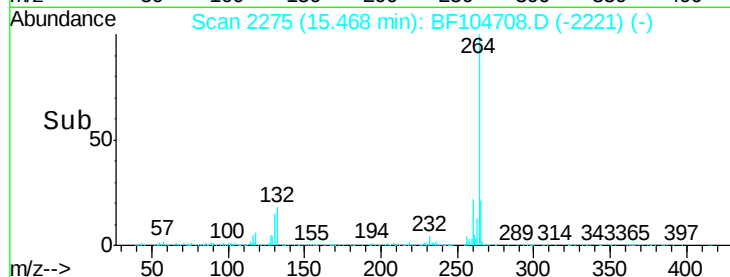
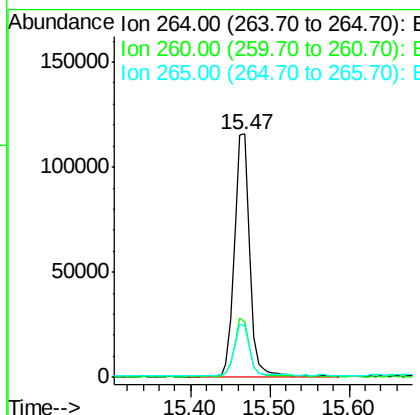
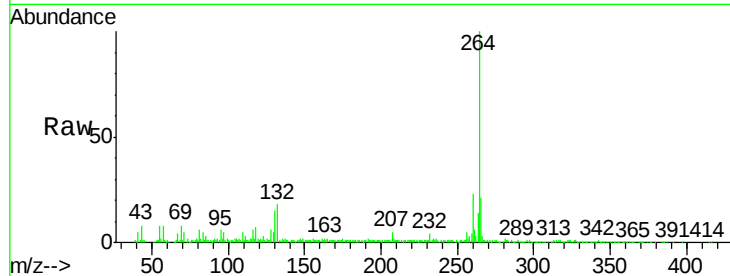
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF104708.D
Acq: 23 Apr 2018 14:40

Instrument :
BNA_F
ClientSampleId :
RS-RO-1-7-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.2	17.5	26.3

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#87
Benzo(b)fluoranthene
Concen: 2.909 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104708.D
Acq: 23 Apr 2018 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.0	25.6#
125	22.9	9.0	13.6#

