

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104790.D
 Acq On : 25 Apr 2018 15:52
 Operator : JU/SJ
 Sample : J2505-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1-COMP

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:09:36 PM

Quant Time: Apr 26 11:17:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	122401	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	517121	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	238281	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	383968	20.00	ng	0.00
75) Chrysene-d12	13.98	240	230965	20.00	ng	0.00
86) Perylene-d12	15.45	264	216794	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	722598	90.27	ng	0.00
7) Phenol-d6	6.44	99	905949	92.11	ng	0.00
23) Nitrobenzene-d5	7.37	82	566934	71.59	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	213336	86.31	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	986292	65.39	ng	0.00
78) Terphenyl-d14	12.92	244	766312	75.64	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	101555	5.405	ng	Qvalue 100
70) Phenanthrene	11.35	178	113404	5.303	ng	98
74) Fluoranthene	12.54	202	132114	5.914	ng	97
77) Pyrene	12.77	202	120495	7.038	ng	99
80) Benzo(a)anthracene	13.97	228	51904	3.762	ng	96
82) Chrysene	14.00	228	44514	3.141	ng	97
83) Bis(2-ethylhexyl)phthalate	13.94	149	24633	2.374	ng	100
87) Benzo(b)fluoranthene	15.02	252	58435m	4.268	ng	
89) Benzo(a)pyrene	15.39	252	39675	3.238	ng	# 88
91) Benzo(g,h,i)perylene	17.35	276	22045	2.261	ng	# 94

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

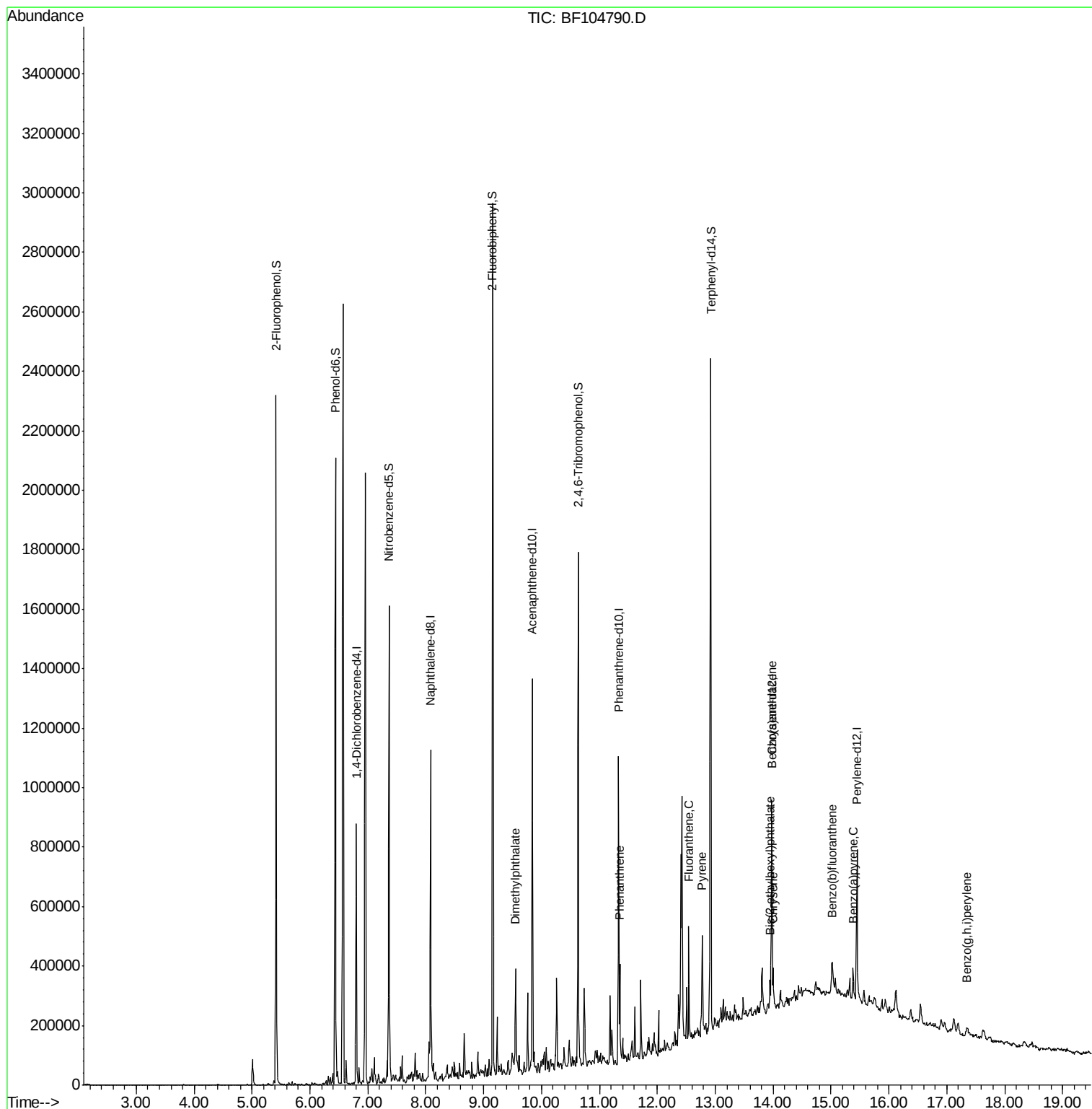
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104790.D
Acq On : 25 Apr 2018 15:52
Operator : JU/SJ
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration





#1

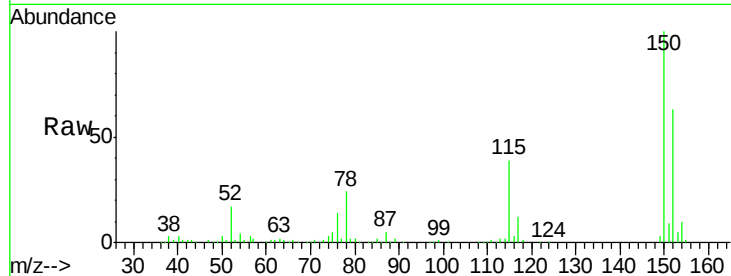
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :
S-1-COMP

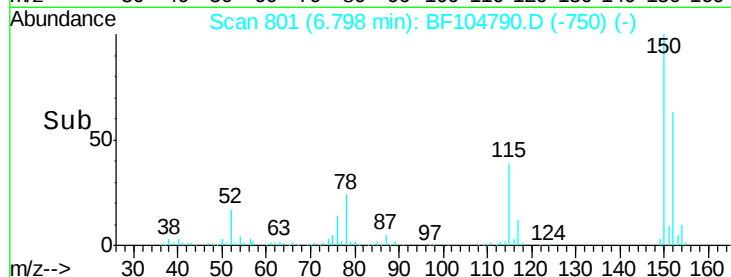
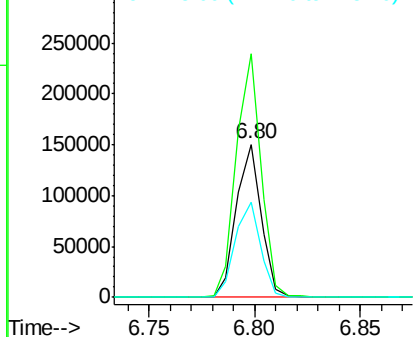
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	62.1	50.1	75.1

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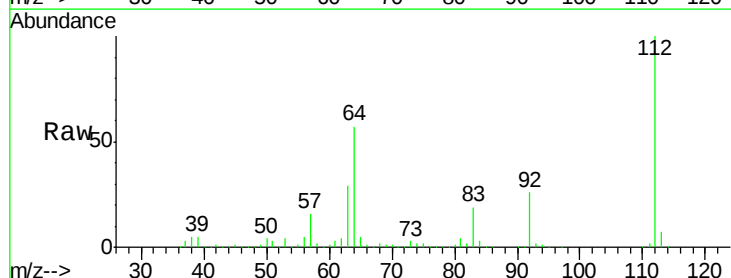
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



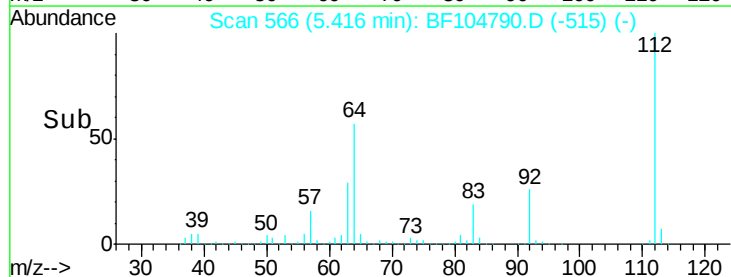
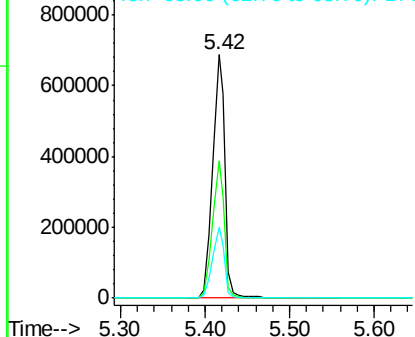
#5

2-Fluorophenol
Concen: 90.268 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	29.3	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 92.110 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104790.D

Acq: 25 Apr 2018 15:52

Instrument :

BNA_F

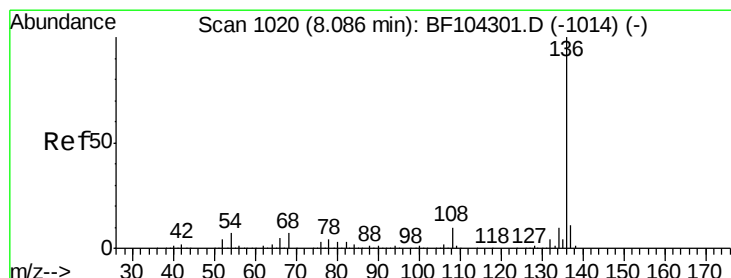
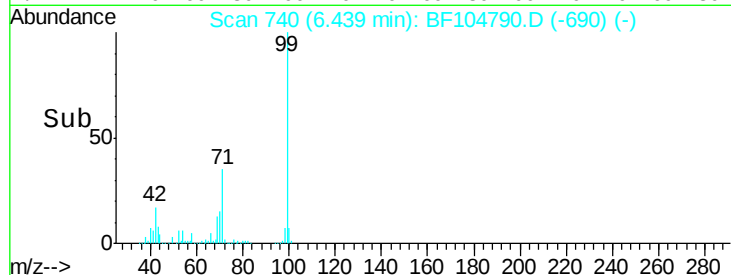
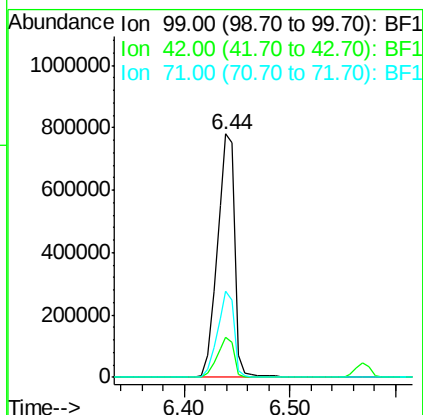
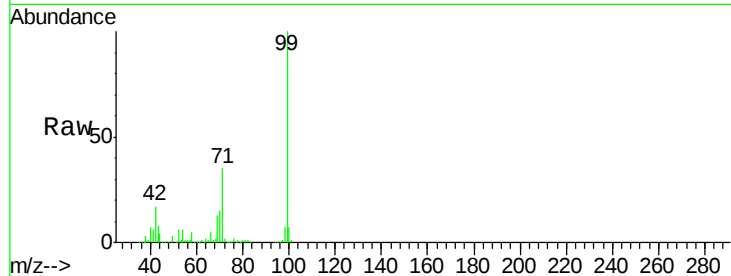
ClientSampled :

S-1-COMP

Tot Ion:	99	Resp:	905949
Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	35.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

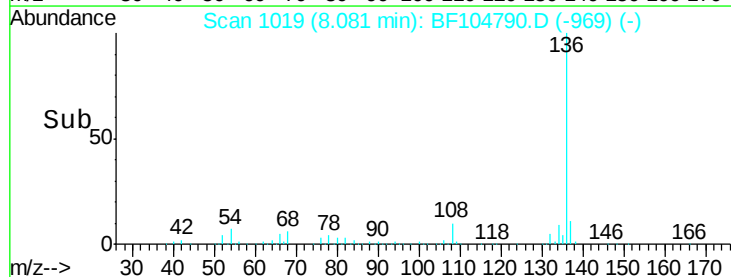
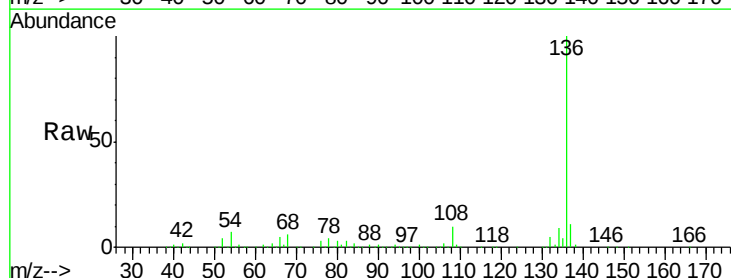
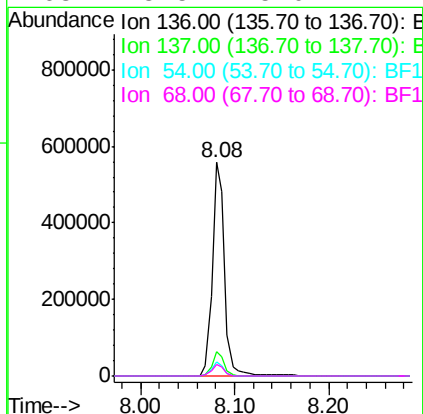
RT: 8.08 min Scan# 1019

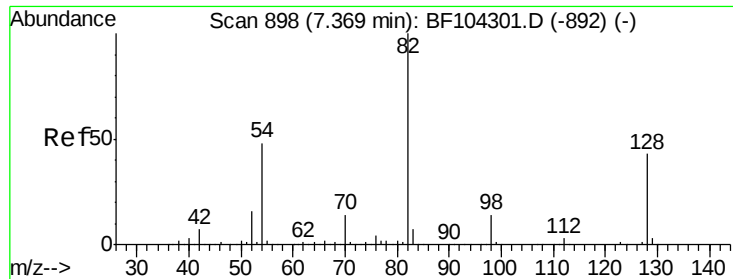
Delta R.T. -0.01 min

Lab File: BF104790.D

Acq: 25 Apr 2018 15:52

Tgt Ion:	136	Resp:	517121
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.8	6.6	9.8
68	5.5	5.0	7.4





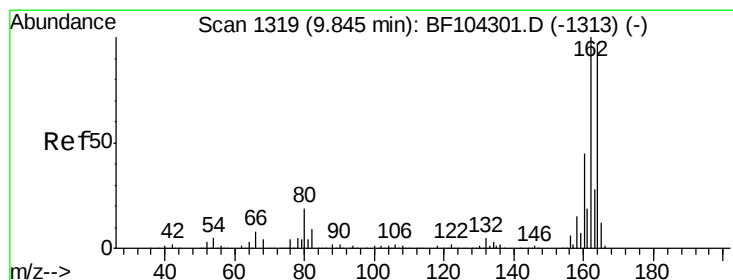
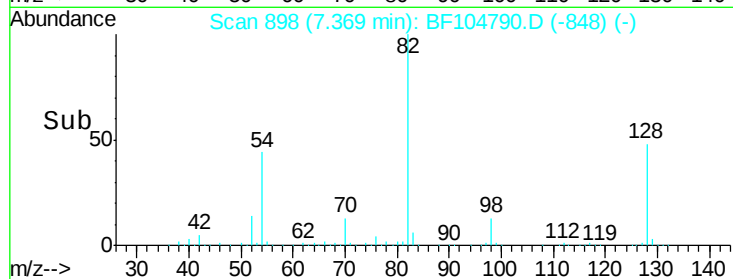
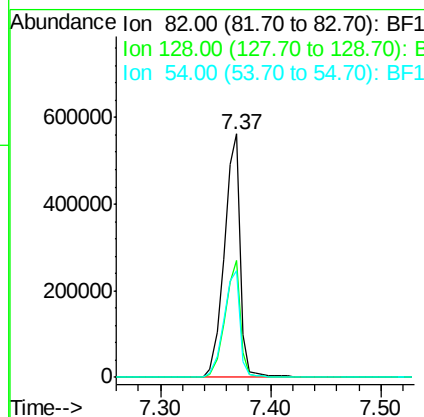
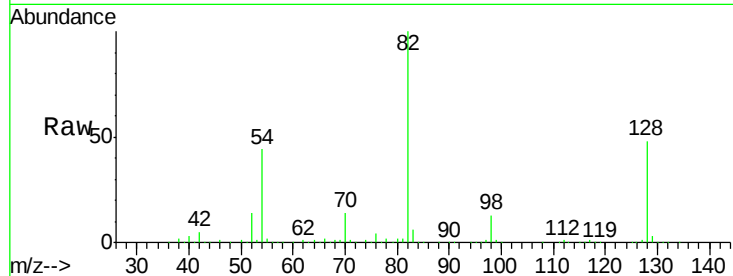
#23
 Nitrobenzene-d5
 Concen: 71.588 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104790.D
 Acq: 25 Apr 2018 15:52

Instrument :
 BNA_F
 ClientSampleId :
 S-1-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100	566934		
128	48.1	36.1	54.1	
54	43.7	41.4	62.2	

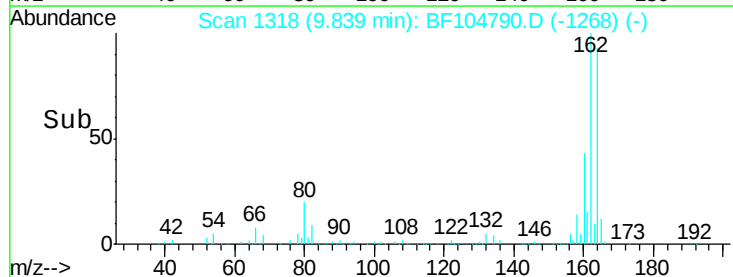
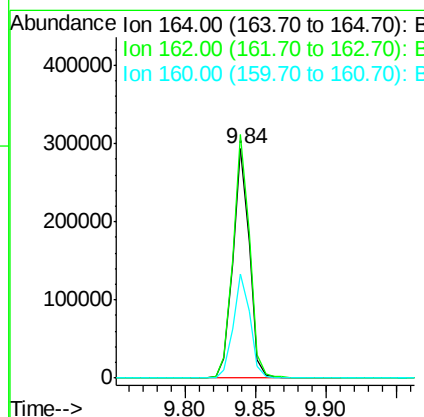
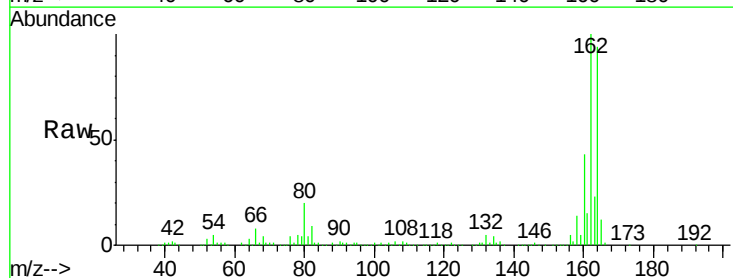
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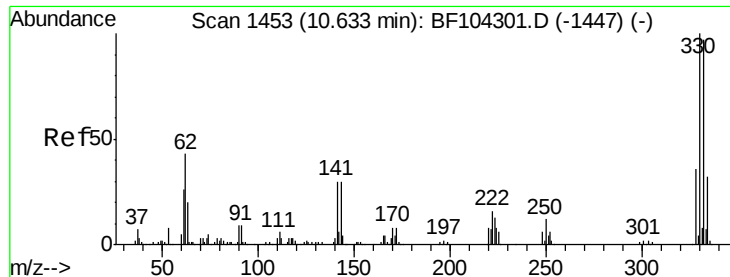
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104790.D
 Acq: 25 Apr 2018 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	238281		
162	106.2	86.1	129.1	
160	45.6	38.3	57.5	





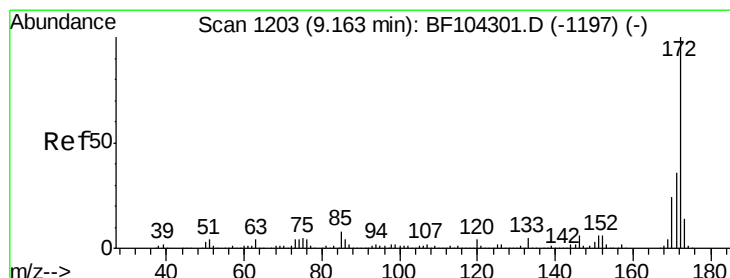
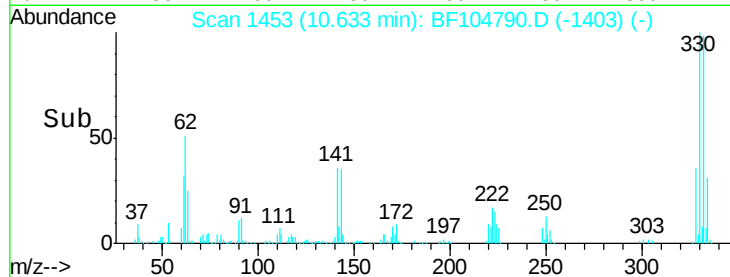
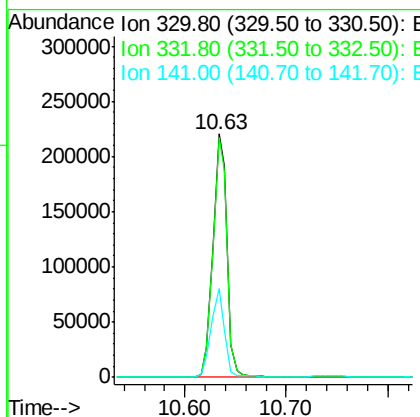
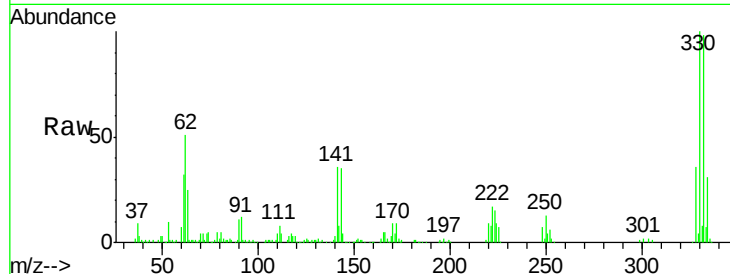
#41
 2,4,6-Tribromophenol
 Concen: 86.310 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104790.D
 Acq: 25 Apr 2018 15:52

Instrument :
 BNA_F
 ClientSampleId :
 S-1-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	213336		
332	98.0	77.0	115.6	
141	34.3	29.9	44.9	

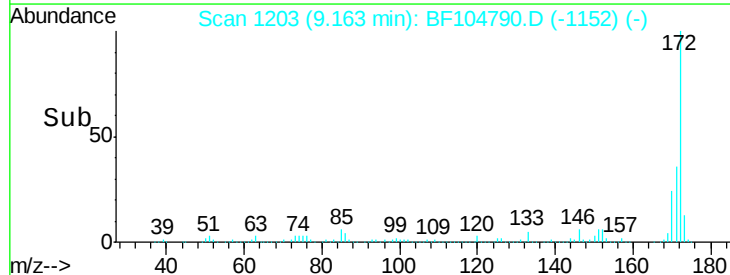
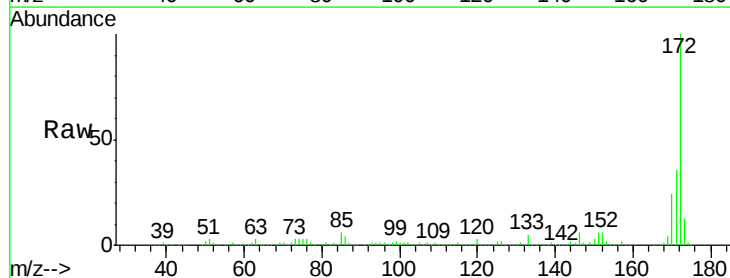
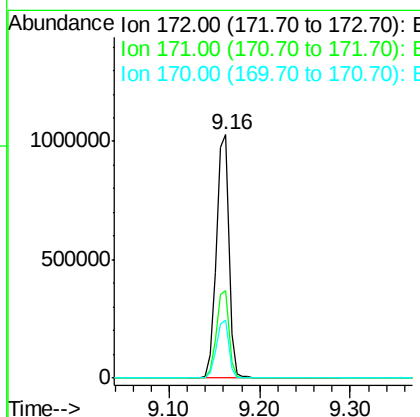
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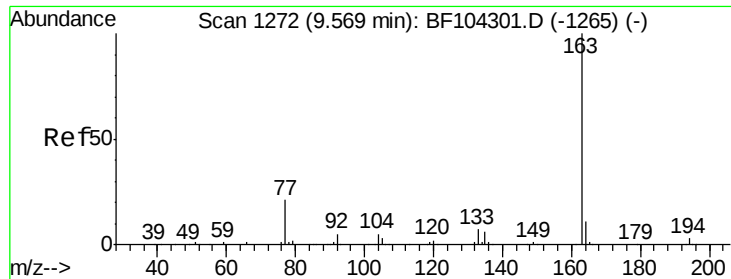
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#44
 2-Fluorobiphenyl
 Concen: 65.389 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104790.D
 Acq: 25 Apr 2018 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	986292		
171	36.1	29.7	44.5	
170	24.0	19.6	29.4	





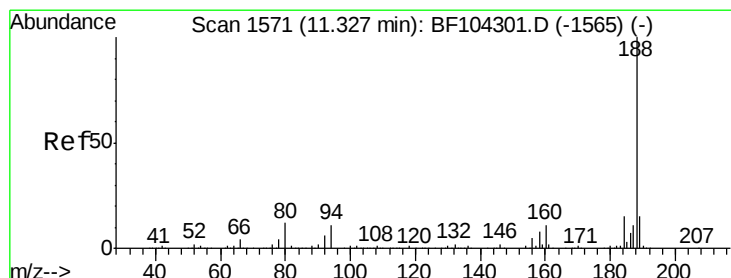
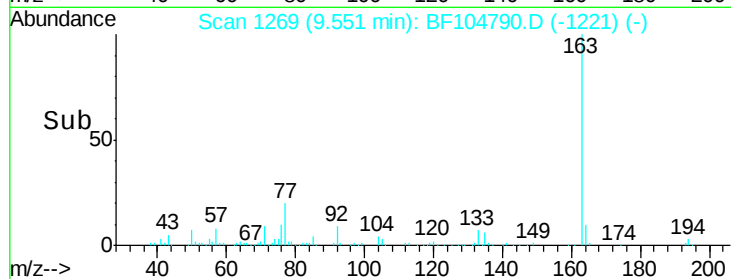
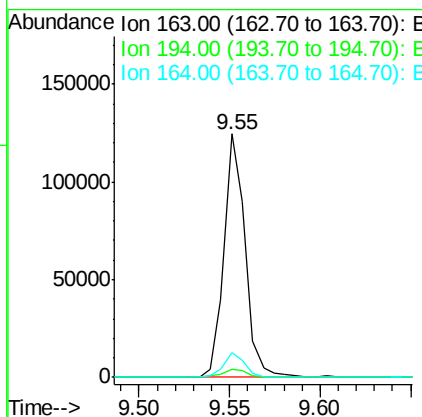
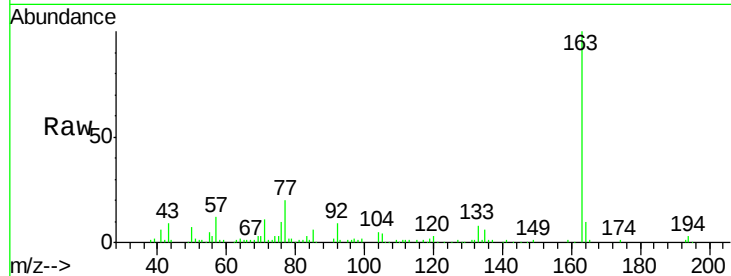
#49
Dimethylphthalate
Concen: 5.405 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :
S-1-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.4		2.7	4.1	
164	10.1		8.2	12.2	

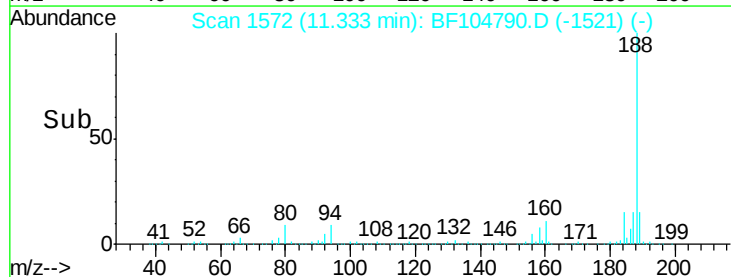
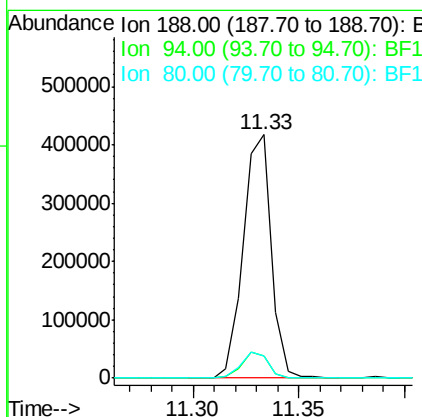
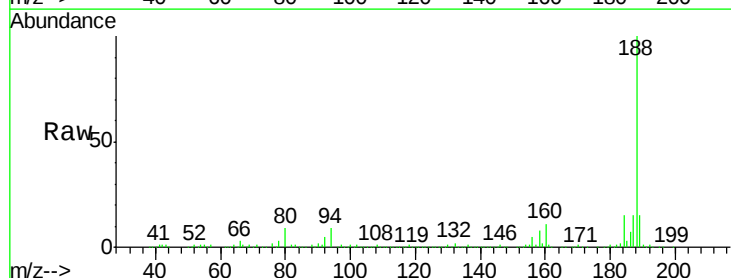
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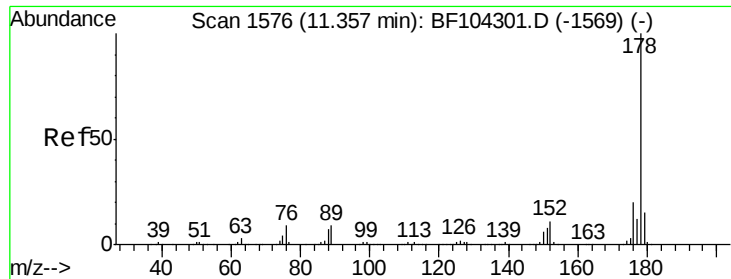
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.0		8.5	12.7	
80	9.4		9.2	13.8	





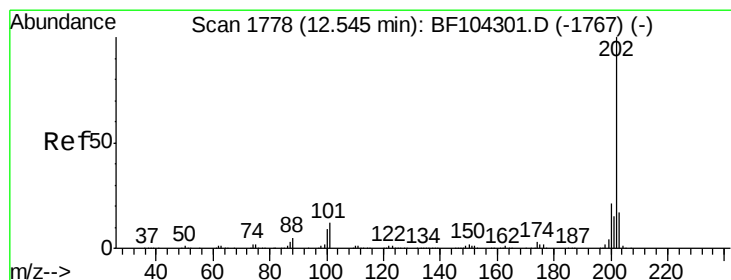
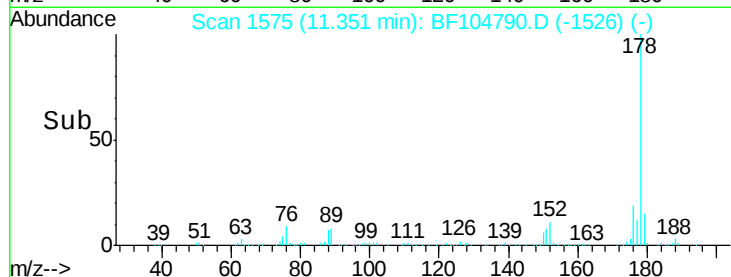
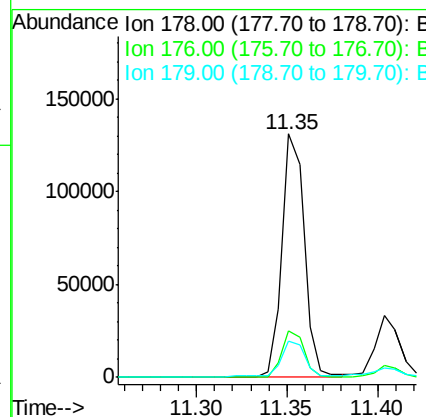
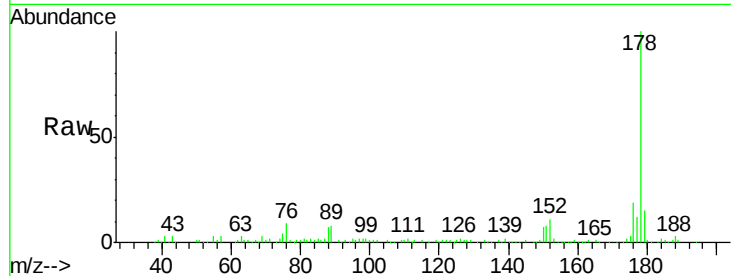
#70
Phenanthrene
Concen: 5.303 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :
S-1-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.1	13.0	19.6

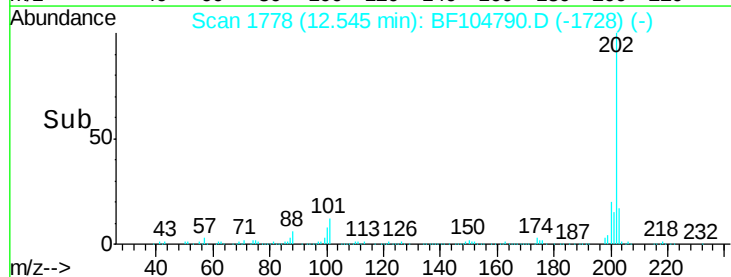
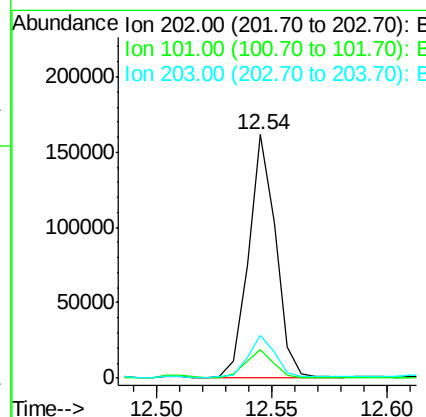
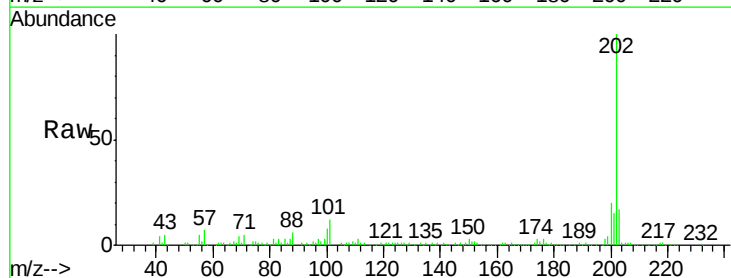
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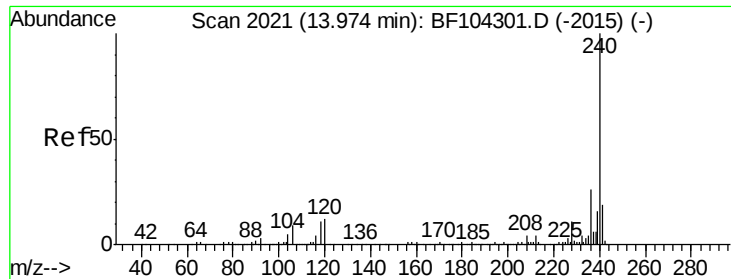
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#74
Fluoranthene
Concen: 5.914 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104790.D

Acq: 25 Apr 2018 15:52

Instrument :

BNA_F

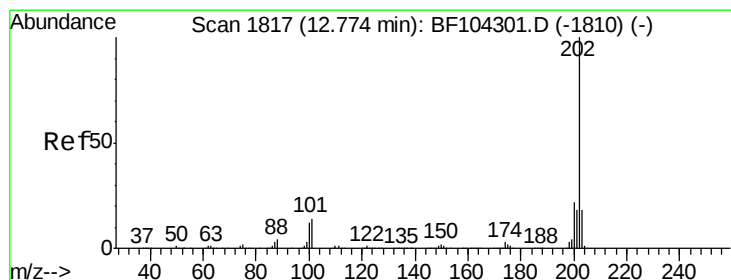
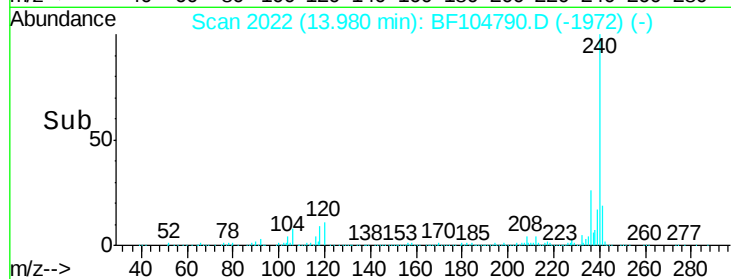
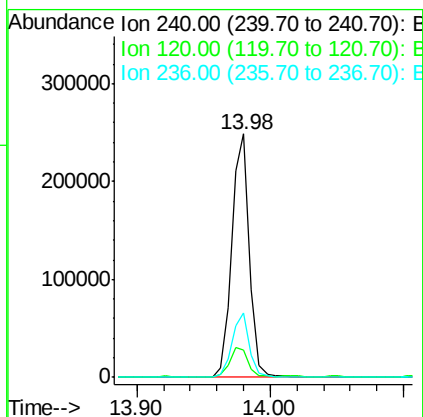
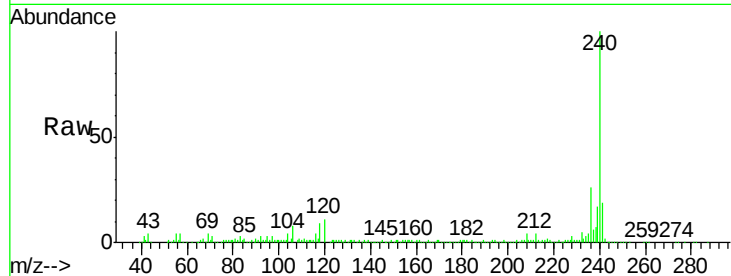
ClientSampleId :

S-1-COMP

Tot Ion:	240	Resp:	230965
Ion Ratio		Lower	Upper
240	100		
120	11.4	9.5	14.3
236	26.3	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 7.038 ng

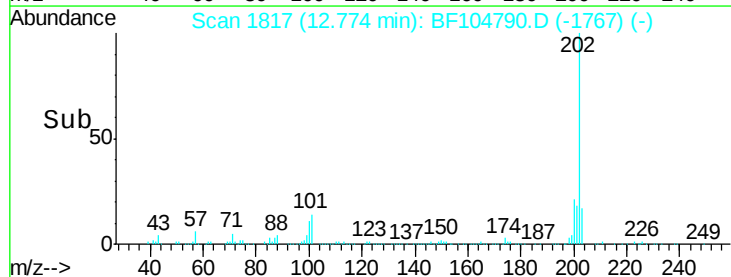
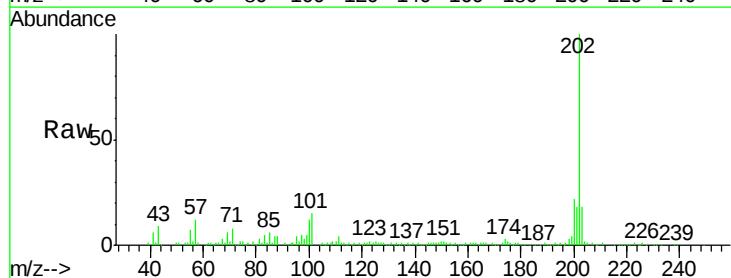
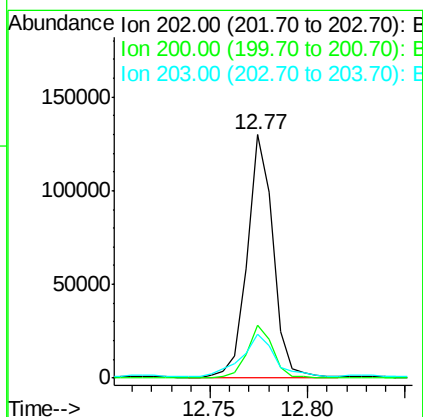
RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF104790.D

Acq: 25 Apr 2018 15:52

Tgt Ion:	202	Resp:	120495
Ion Ratio		Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.1	14.3	21.5





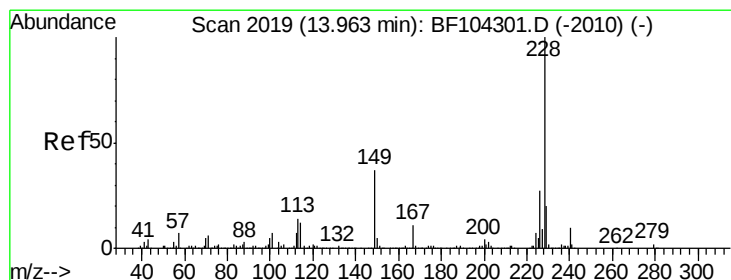
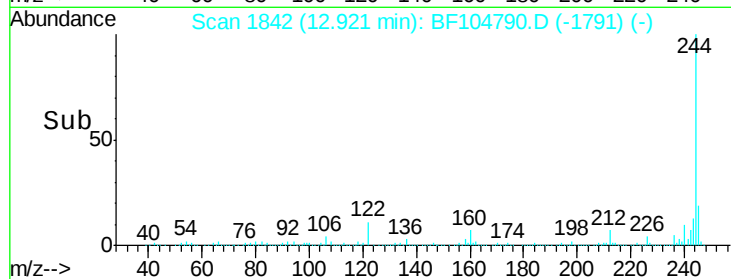
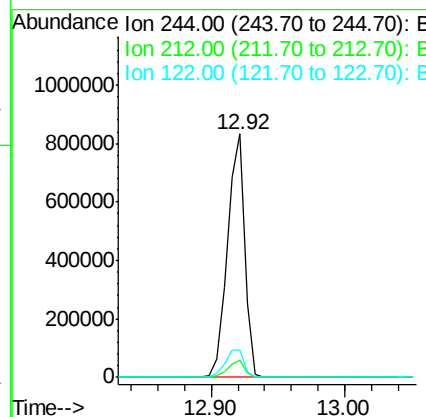
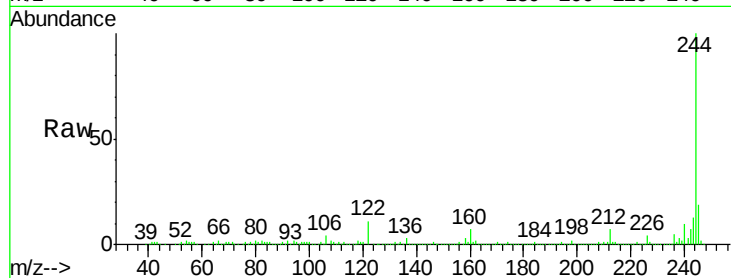
#78
 Terphenyl-d14
 Concen: 75.642 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104790.D
 Acq: 25 Apr 2018 15:52

Instrument :
 BNA_F
 ClientSampled :
 S-1-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.1	11.0	16.4

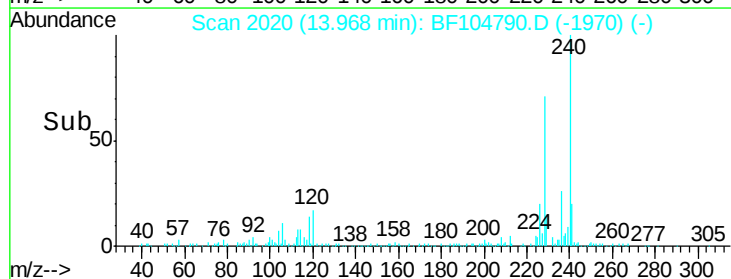
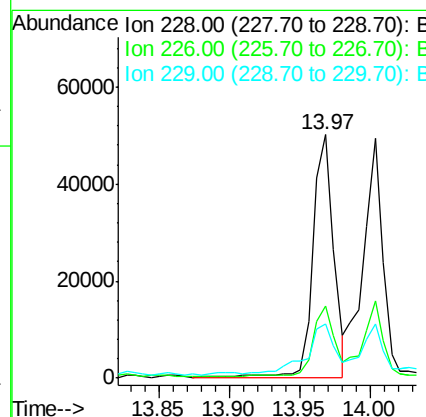
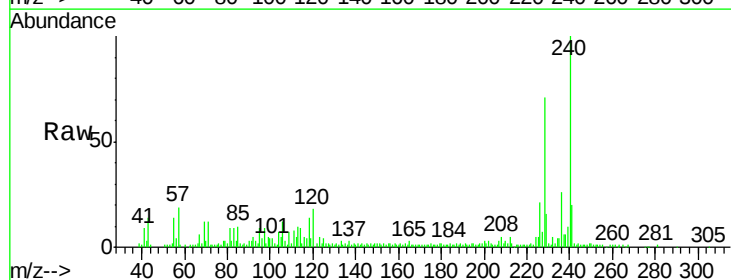
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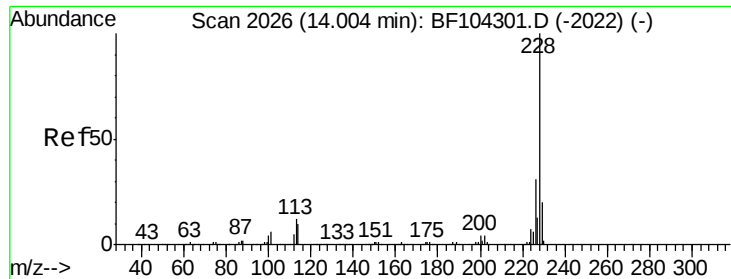
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#80
 Benzo(a)anthracene
 Concen: 3.762 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF104790.D
 Acq: 25 Apr 2018 15:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	22.3	15.8	23.6





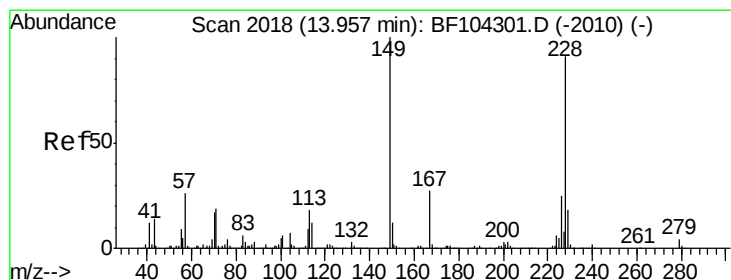
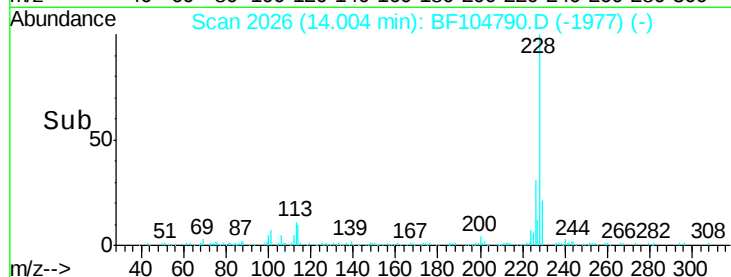
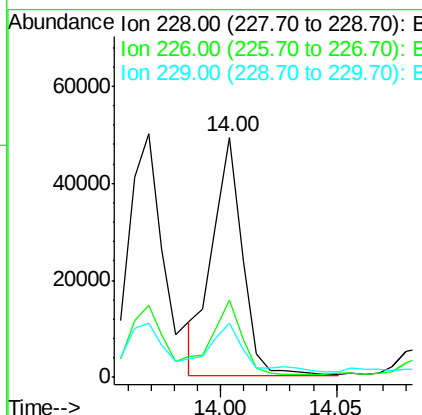
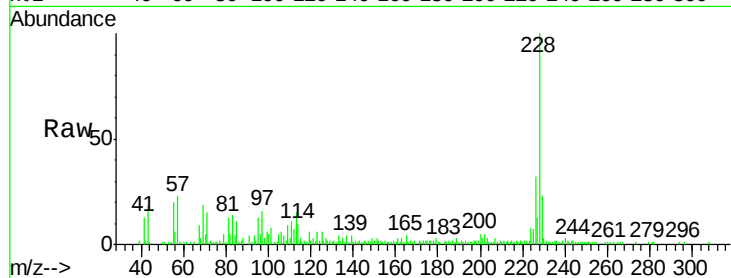
#82
Chrysene
Concen: 3.141 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampled :
S-1-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	22.6	16.2	24.4

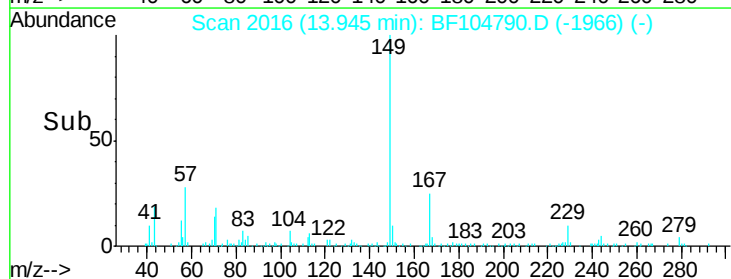
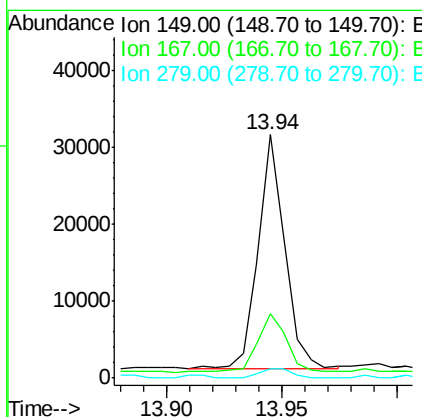
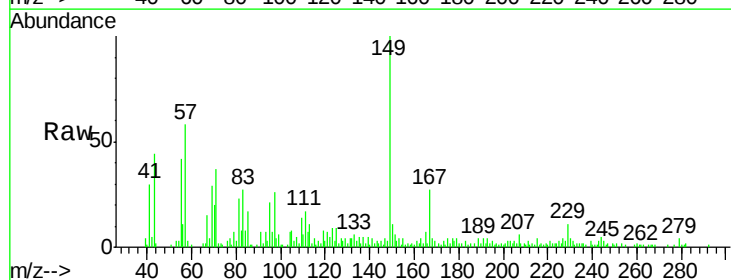
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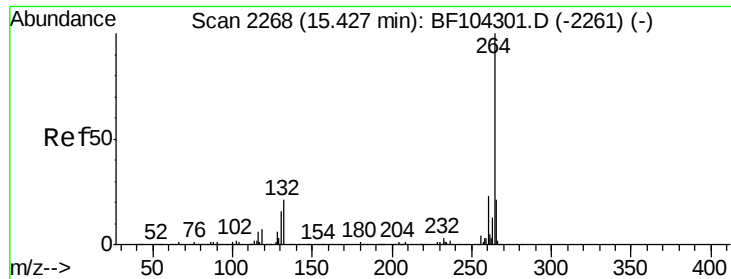
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#83
Bis(2-ethylhexyl)phthalate
Concen: 2.374 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.8	3.0	4.4





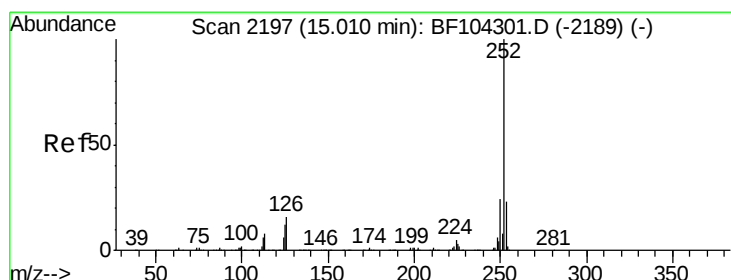
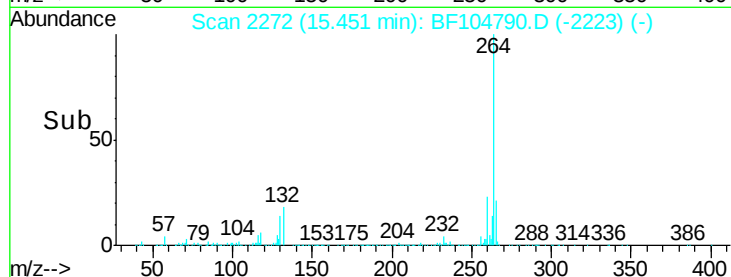
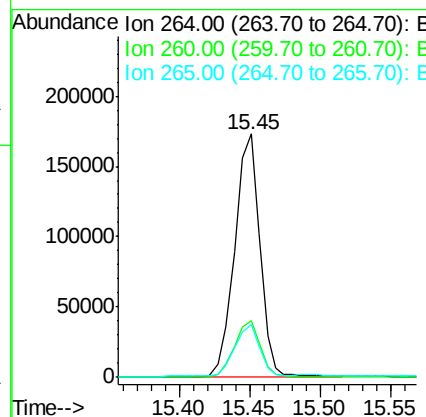
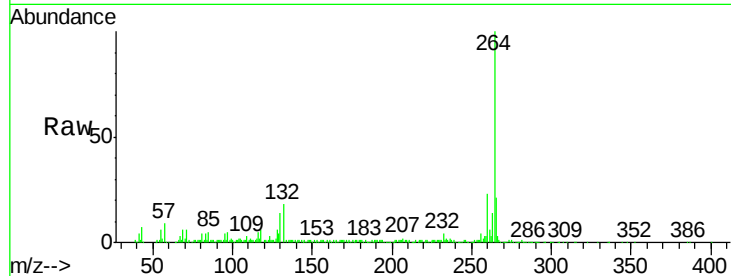
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :
S-1-COMP

Tot Ion:	264	Resp:	216794
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	21.5	17.5	26.3

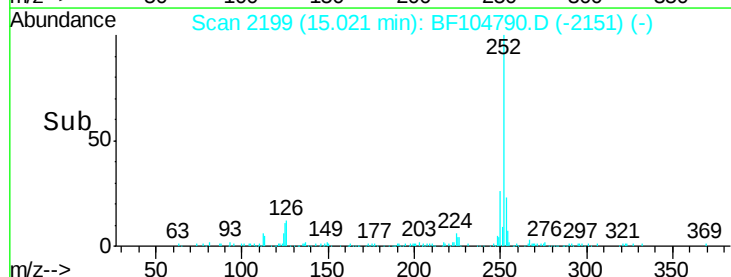
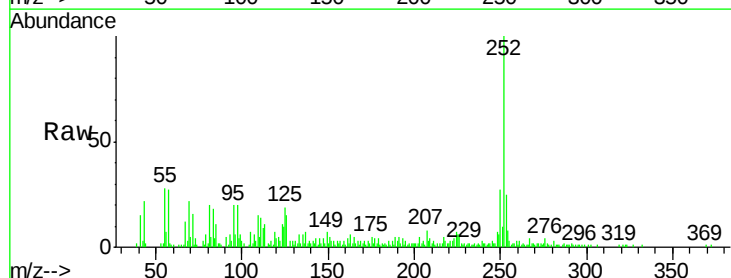
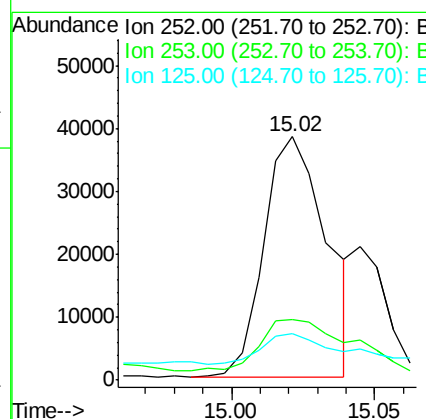
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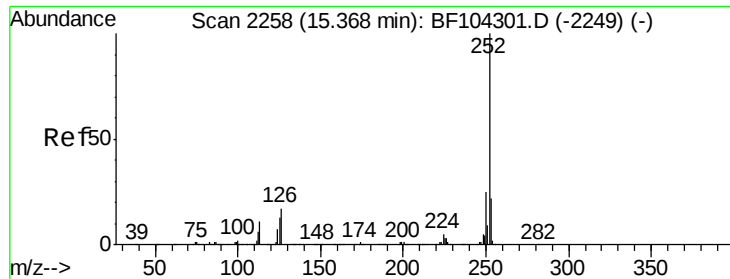
Sohil
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#87
Benzo(b)fluoranthene
Concen: 4.268 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion:	252	Resp:	58435
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.0	25.6
125	19.0	9.0	13.6#





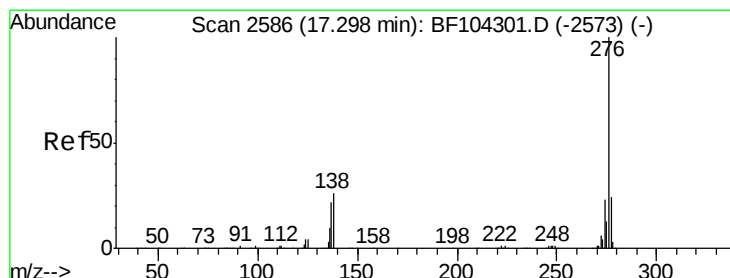
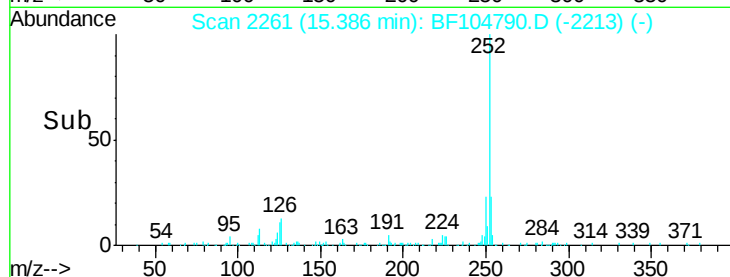
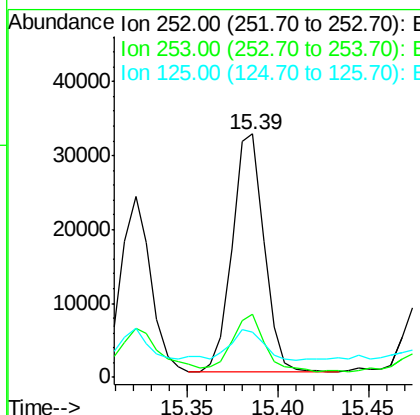
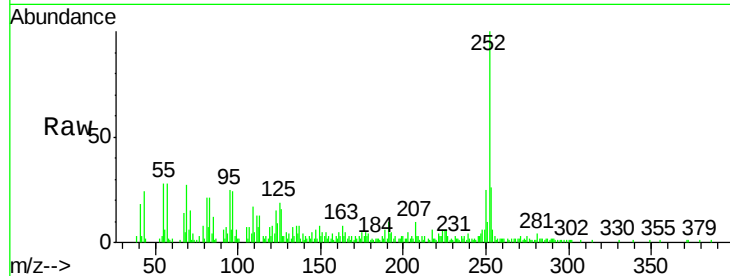
#89
Benzo(a)pyrene
Concen: 3.238 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :
S-1-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.1	25.7#
125	18.7	9.8	14.6#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.261 ng
RT: 17.35 min Scan# 2595
Delta R.T. -0.03 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.2	17.9	26.9#
138	26.5	21.8	32.8

