

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
 Data File : BF104572.D
 Acq On : 17 Apr 2018 20:10
 Operator : JU/SJ
 Sample : J2387-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180240-COMPOSITE-B

Manual Integrations
 APPROVED

Sohil
 4/18/2018 3:00:53 PM

Quant Time: Apr 18 09:51:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 17:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137642	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	543348	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	225980	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	379645	20.00	ng	0.00
75) Chrysene-d12	13.97	240	293087	20.00	ng	0.00
86) Perylene-d12	15.44	264	260835	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	915897	101.75	ng	0.00
7) Phenol-d6	6.45	99	1099408	99.40	ng	0.00
23) Nitrobenzene-d5	7.37	82	663520	79.74	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	233768	99.72	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	937296	65.52	ng	0.00
78) Terphenyl-d14	12.92	244	762784	59.33	ng	0.00

Target Compounds

						Qvalue
48) Acenaphthylene	9.70	152	53100	2.257	ng	99
49) Dimethylphthalate	9.56	163	137098	7.693	ng	99
70) Phenanthrene	11.36	178	55114	2.607	ng	99
71) Anthracene	11.40	178	49233	2.291	ng	97
74) Fluoranthene	12.55	202	121500	5.500	ng	99
77) Pyrene	12.77	202	182775	8.413	ng	98
80) Benzo(a)anthracene	13.97	228	131395m	7.504	ng	
82) Chrysene	14.00	228	128372	7.138	ng	98
85) Indeno(1,2,3-cd)pyrene	16.88	276	43711	2.861	ng	94
87) Benzo(b)fluoranthene	15.02	252	110863m	6.730	ng	
88) Benzo(k)fluoranthene	15.04	252	33659m	2.164	ng	
89) Benzo(a)pyrene	15.37	252	120767	8.193	ng	# 94
91) Benzo(a,h,i)perylene	17.32	276	43799	3.734	ng	95

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

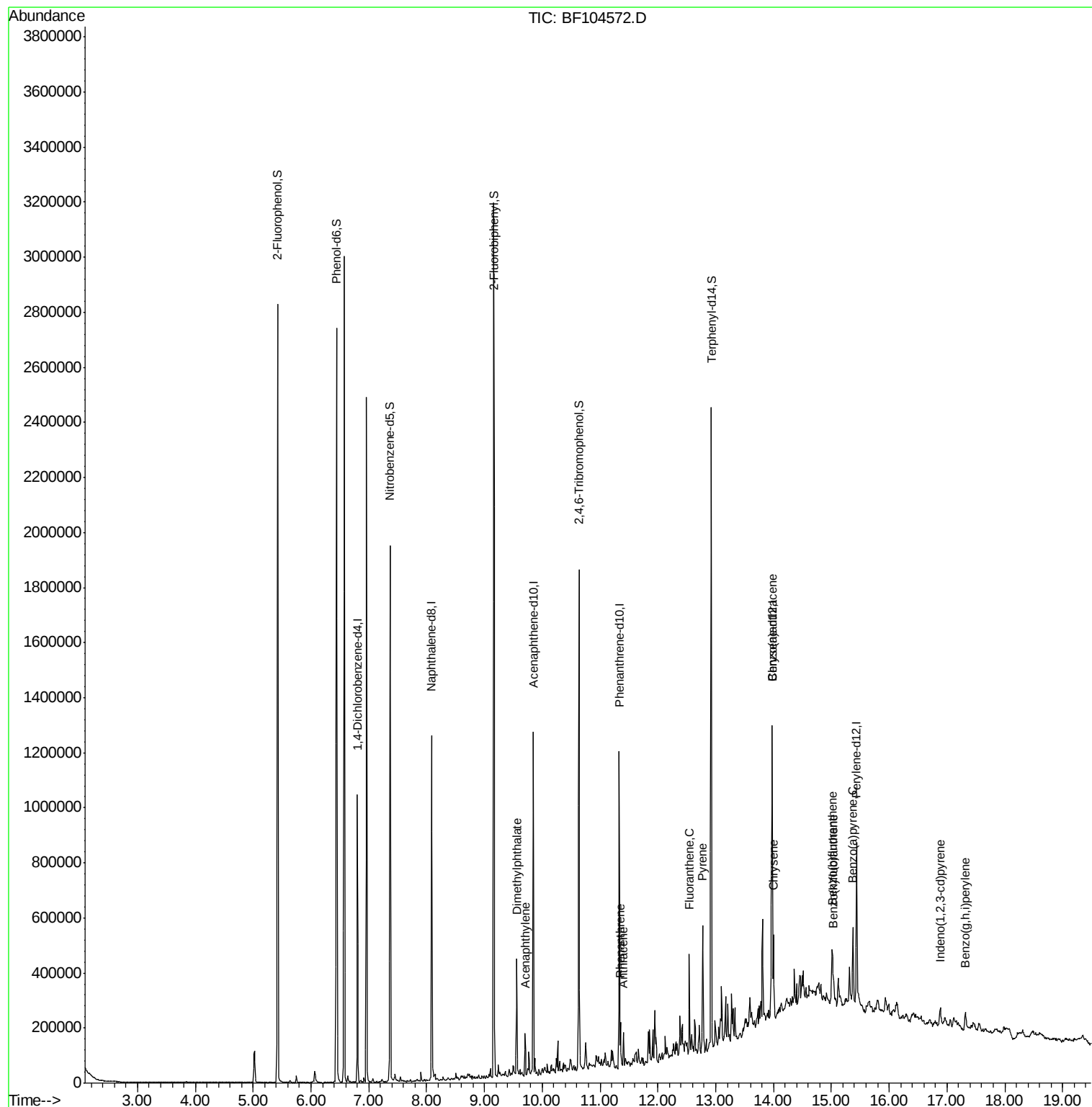
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
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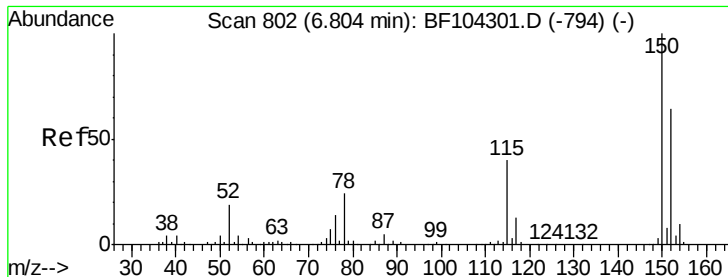
Instrument :
BNA_F
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20180240-COMPOSITE-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

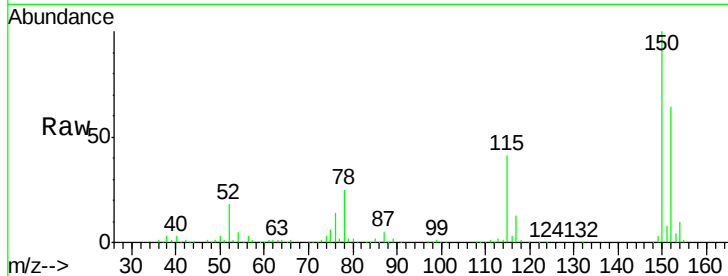
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104572.D
Acq: 17 Apr 2018 20:10

Instrument :
BNA_F
ClientSampleId :
20180240-COMPOSITE-B

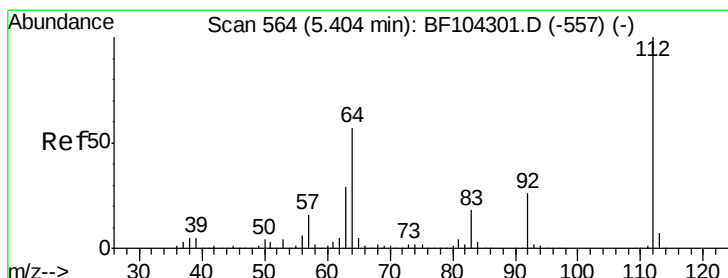
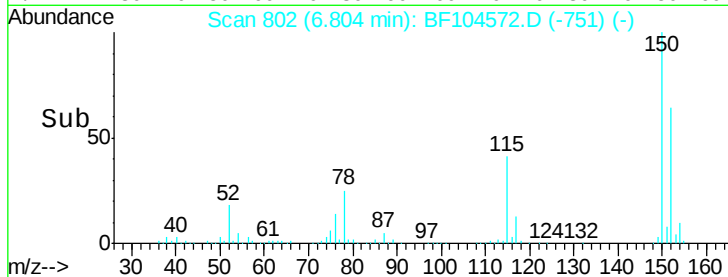
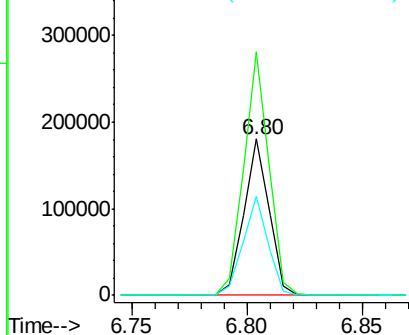
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	63.3	50.1	75.1

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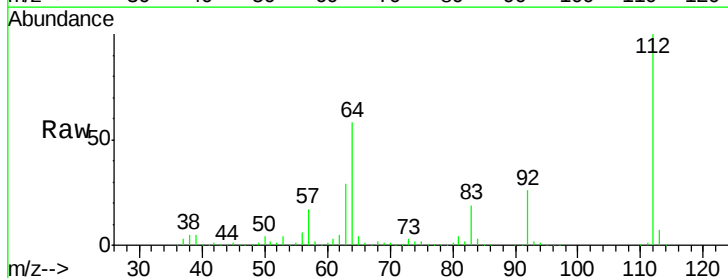
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



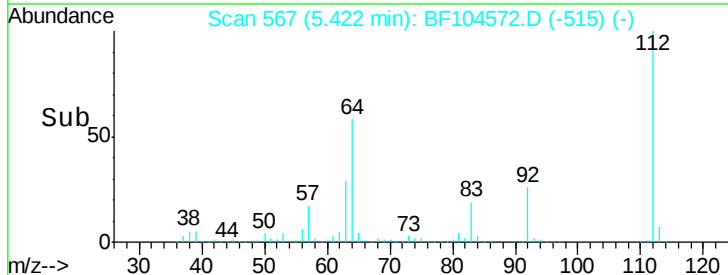
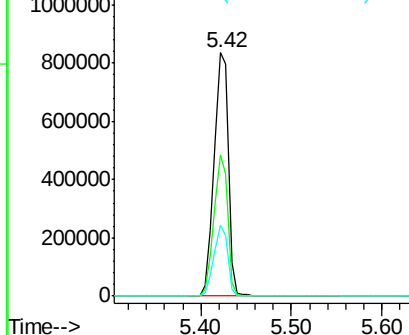
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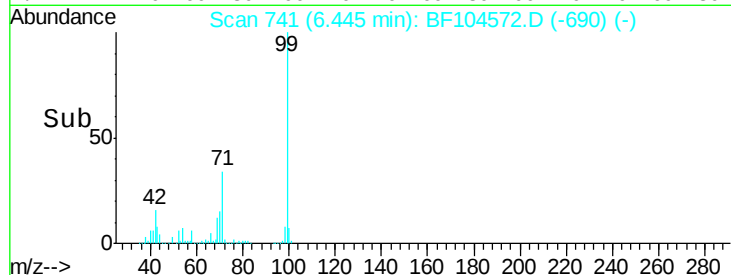
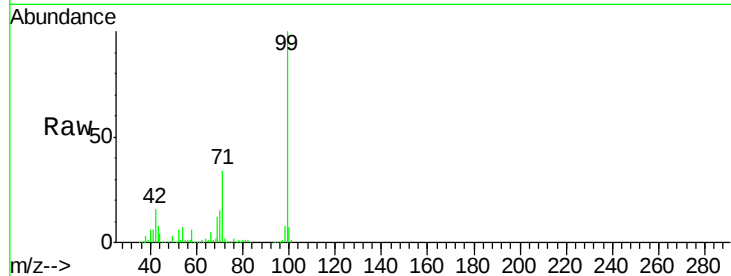
2-Fluorophenol
Concen: 101.746 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104572.D
Acq: 17 Apr 2018 20:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	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: 99.402 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104572.D

Acq: 17 Apr 2018 20:10

Tot Ion:	99	Resp:	1099408
Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	33.6	25.4	38.0

Instrument :

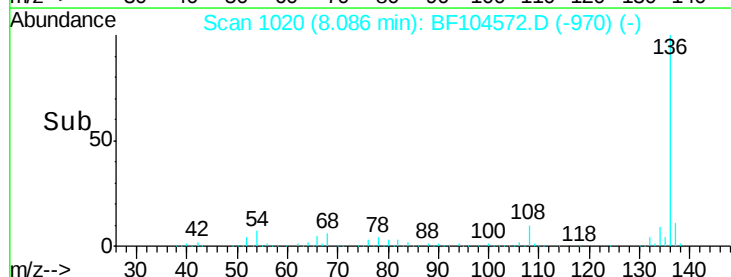
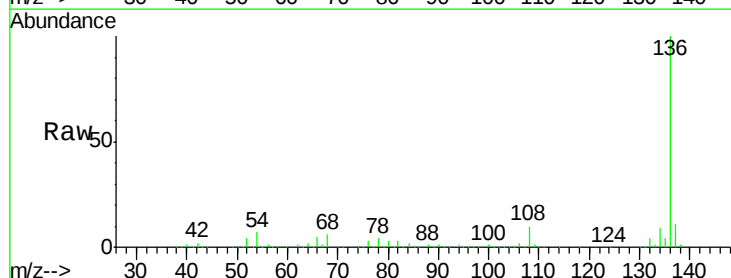
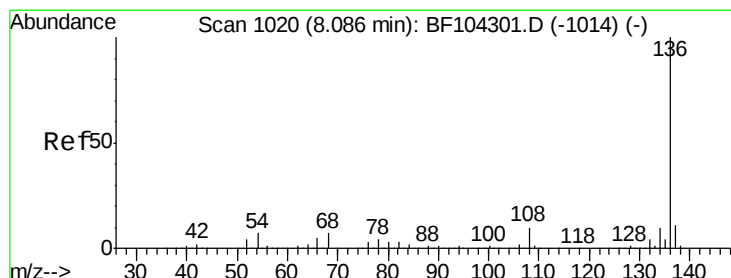
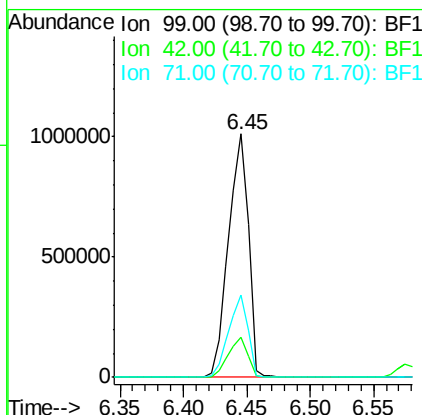
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#21

Naphthalene-d8

Concen: 20.000 ng

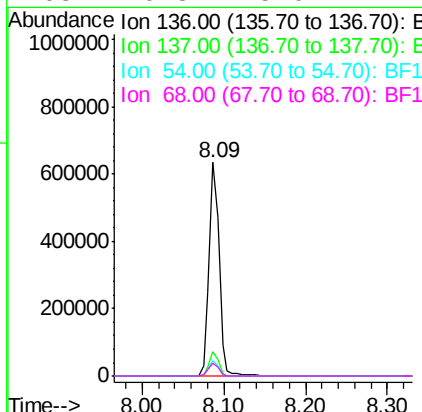
RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104572.D

Acq: 17 Apr 2018 20:10

Tgt Ion:	136	Resp:	543348
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.3	6.6	9.8
68	6.3	5.0	7.4





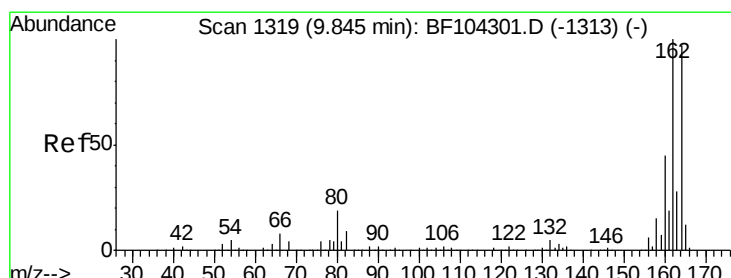
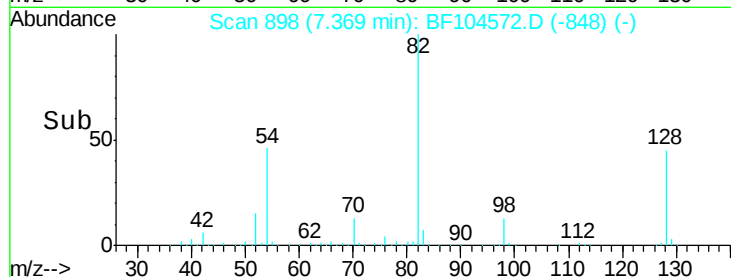
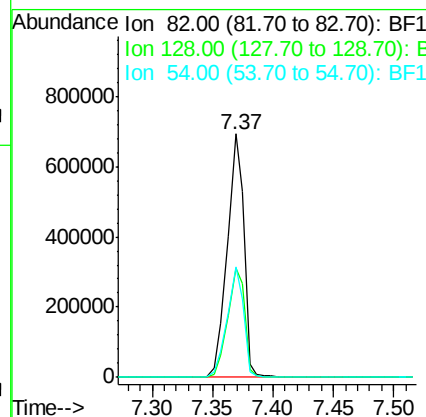
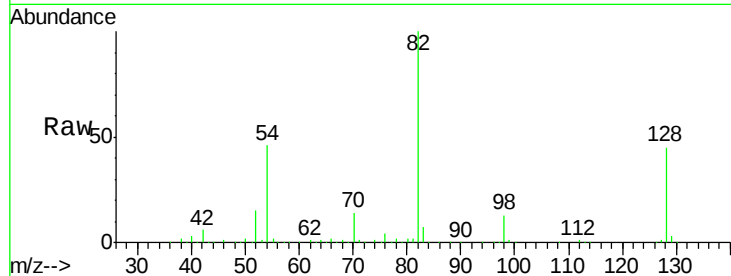
#23
 Nitrobenzene-d5
 Concen: 79.740 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104572.D
 Acq: 17 Apr 2018 20:10

Instrument :
 BNA_F
 ClientSampleId :
 20180240-COMPOSITE-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	45.6	41.4	62.2

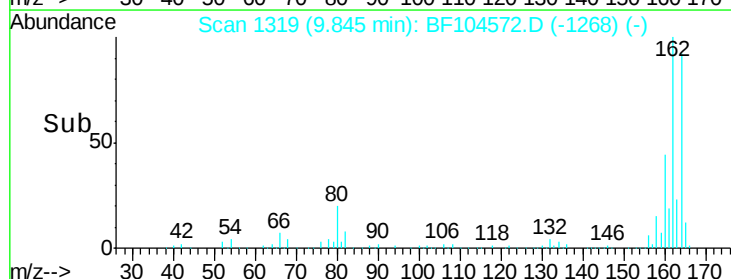
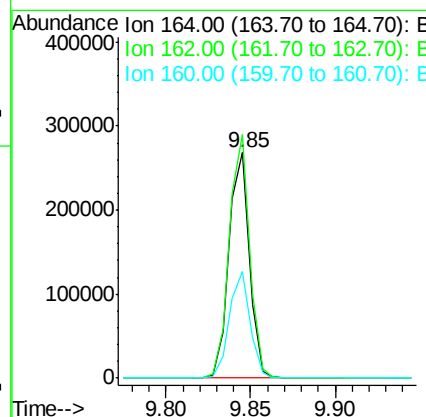
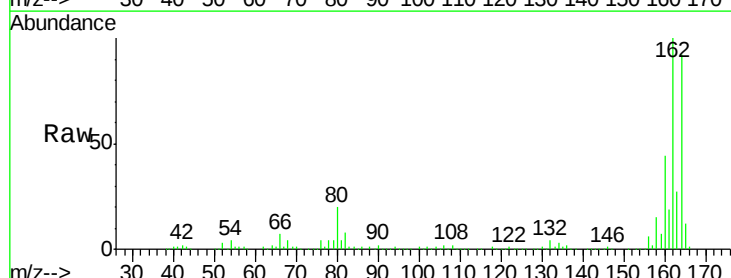
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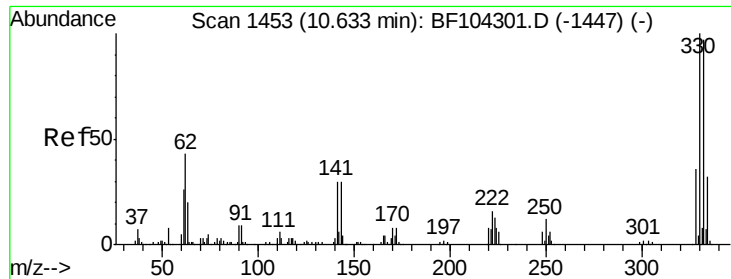
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF104572.D
 Acq: 17 Apr 2018 20:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.2	86.1	129.1
160	47.3	38.3	57.5





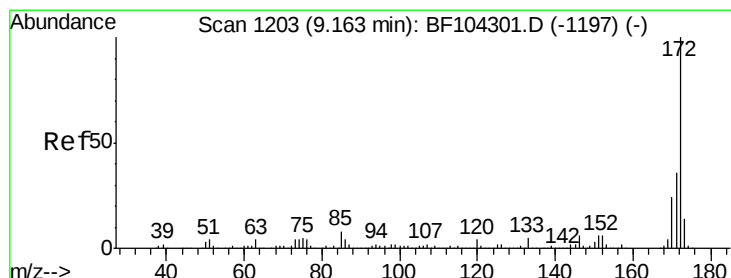
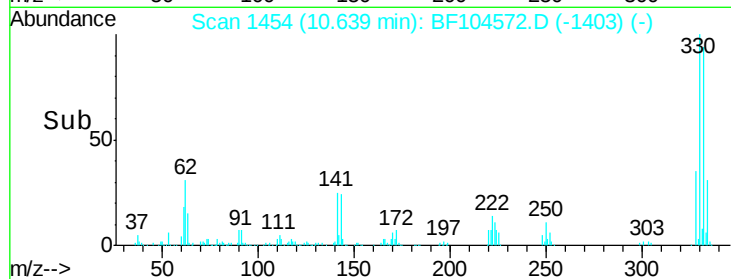
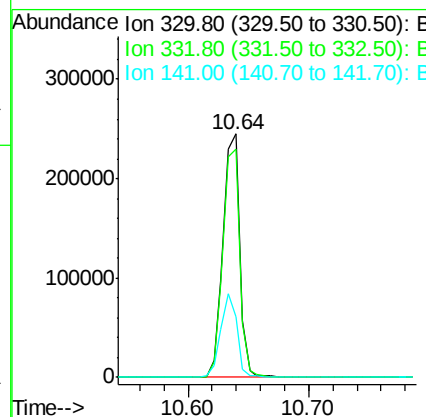
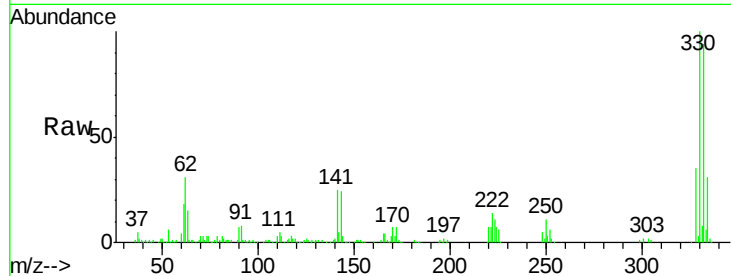
#41
 2,4,6-Tribromophenol
 Concen: 99.724 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104572.D
 Acq: 17 Apr 2018 20:10

Instrument :
 BNA_F
 ClientSampleId :
 20180240-COMPOSITE-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	233768		
332	95.4	77.0	115.6	
141	33.7	29.9	44.9	

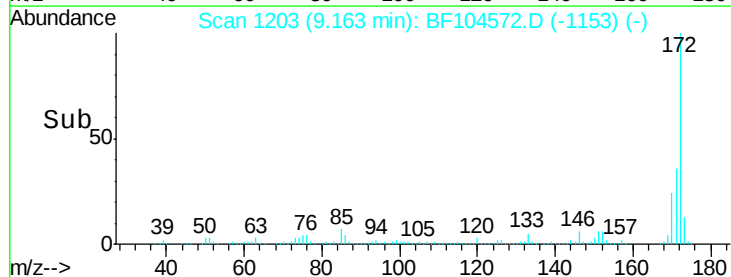
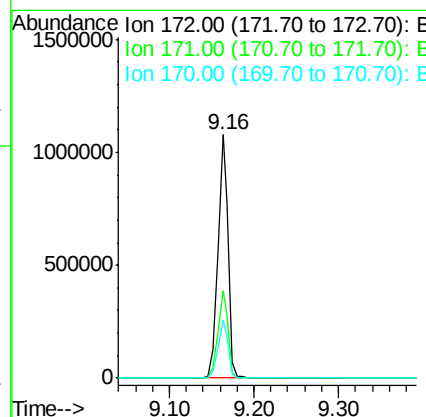
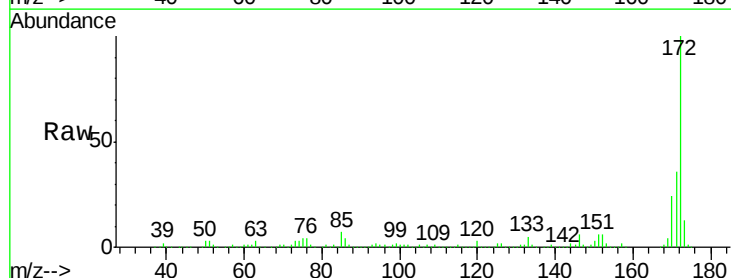
Manual Integrations
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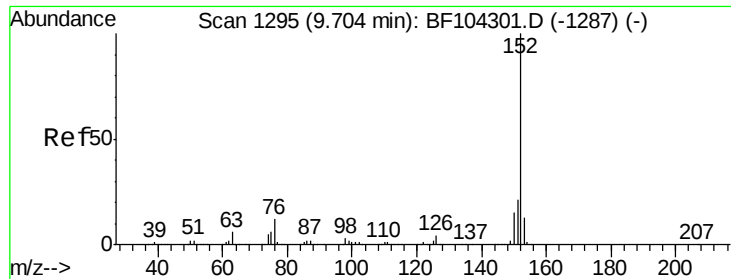
Sohil
 4/18/2018 3:00:53 PM



#44
 2-Fluorobiphenyl
 Concen: 65.523 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104572.D
 Acq: 17 Apr 2018 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	937296		
171	35.9	29.7	44.5	
170	23.7	19.6	29.4	





#48

Acenaphthylene

Concen: 2.257 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104572.D

Acq: 17 Apr 2018 20:10

Instrument :

BNA_F

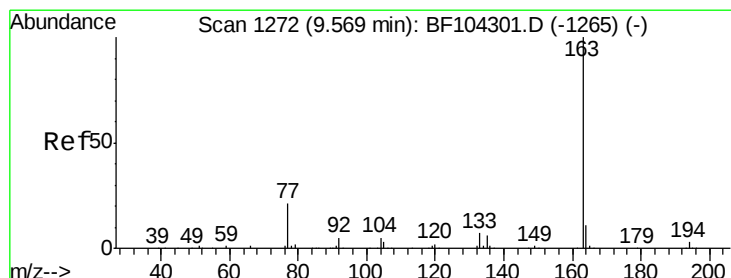
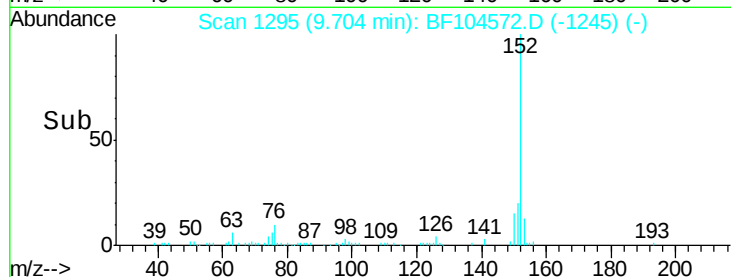
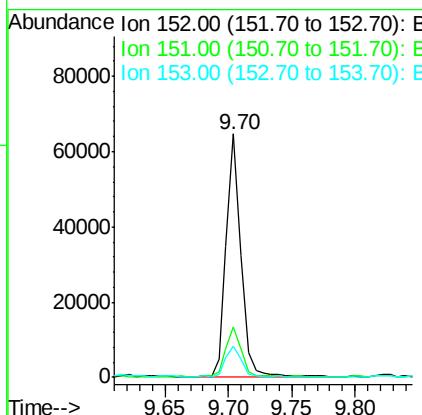
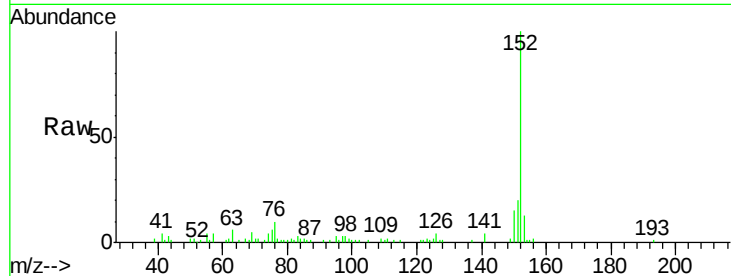
ClientSampleId :

20180240-COMPOSITE-B

Tot Ion:	152	Resp:	53100
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.3	24.5
153	12.8	10.7	16.1

Manual Integrations
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#49

Dimethylphthalate

Concen: 7.693 ng

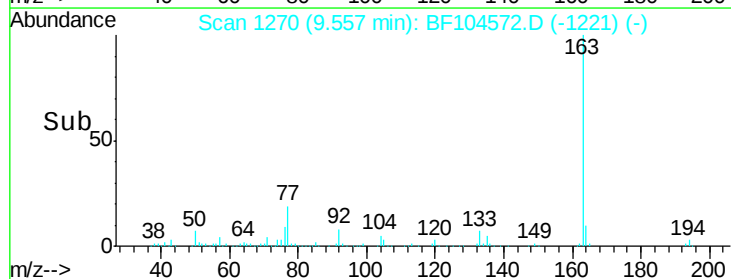
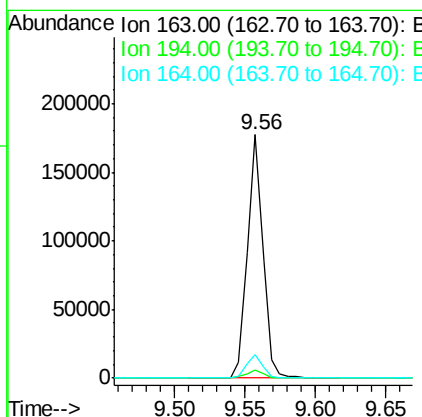
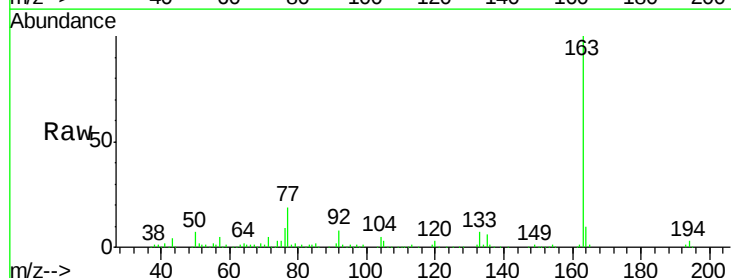
RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104572.D

Acq: 17 Apr 2018 20:10

Tgt Ion:	163	Resp:	137098
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	9.7	8.2	12.2





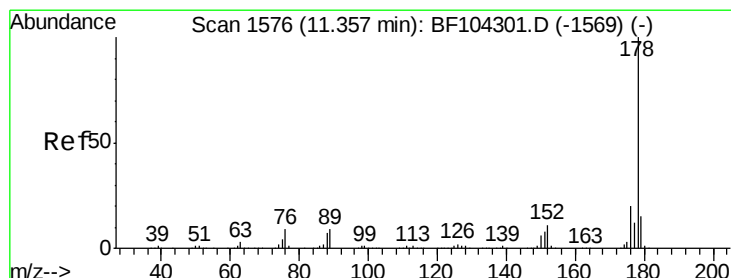
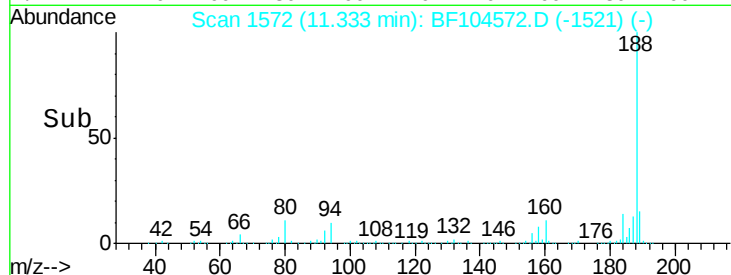
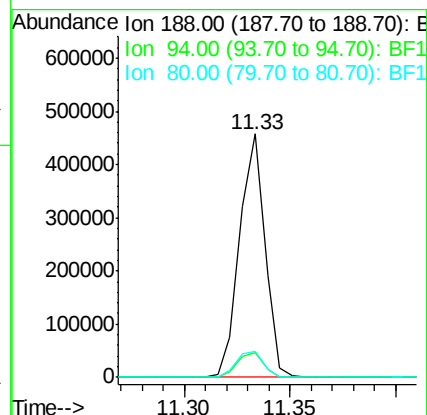
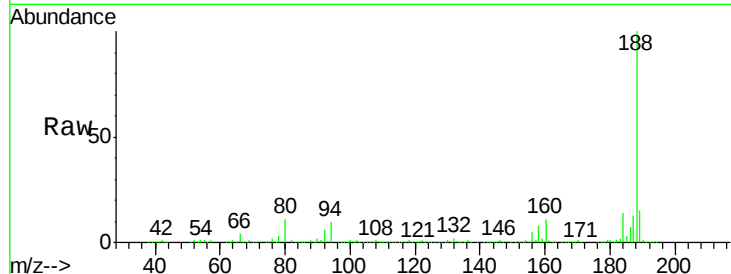
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104572.D
Acq: 17 Apr 2018 20:10

Instrument :
BNA_F
ClientSampleId :
20180240-COMPOSITE-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	379645		
94	10.4		8.5	12.7
80	10.9		9.2	13.8

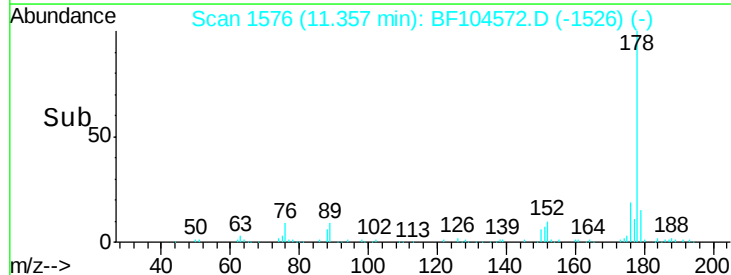
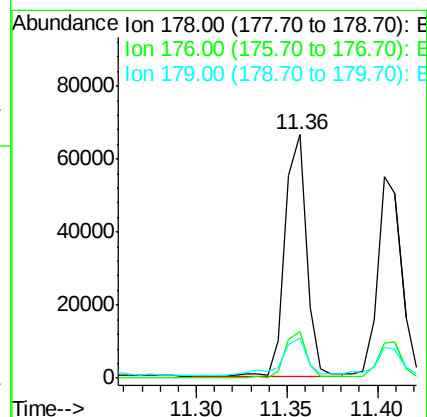
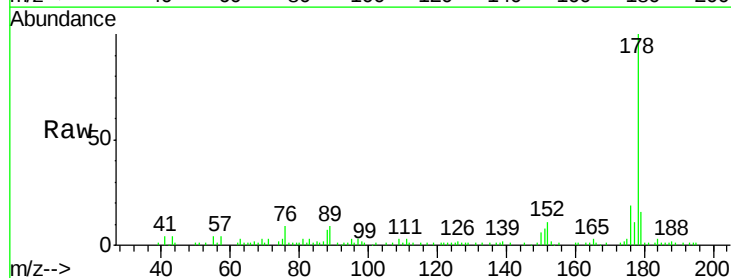
Manual Integrations
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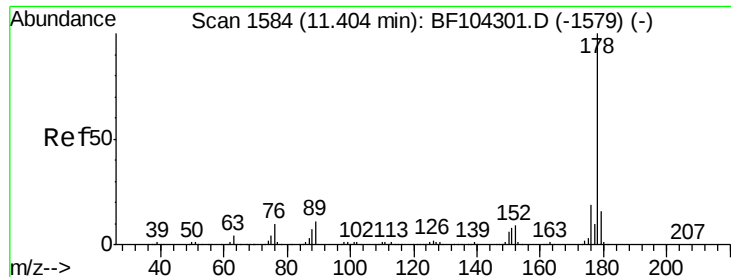
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#70
Phenanthrene
Concen: 2.607 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF104572.D
Acq: 17 Apr 2018 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	55114		
176	19.1		15.8	23.8
179	16.4		13.0	19.6





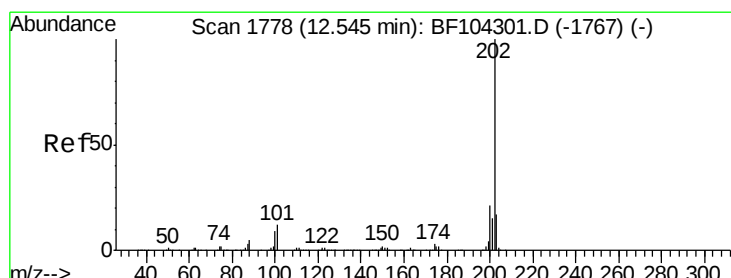
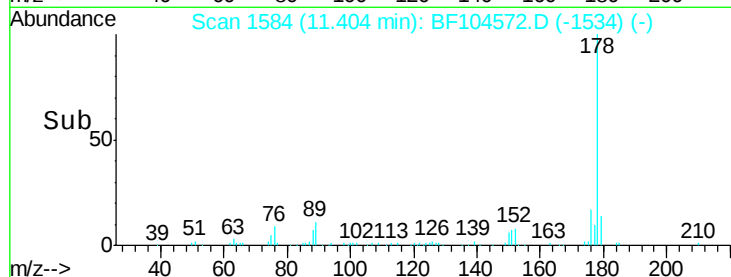
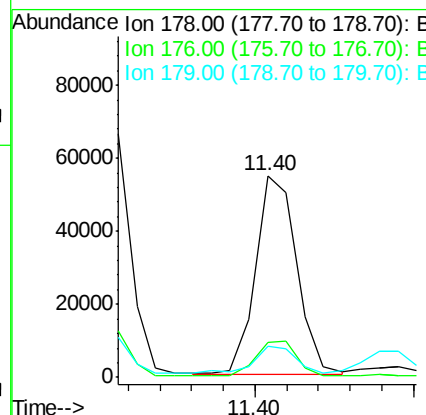
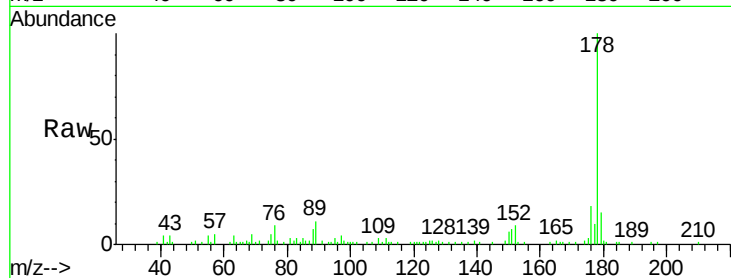
#71
 Anthracene
 Concen: 2.291 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF104572.D
 Acq: 17 Apr 2018 20:10

Instrument :
 BNA_F
 ClientSampleId :
 20180240-COMPOSITE-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.4	23.2
179	15.1	12.6	19.0

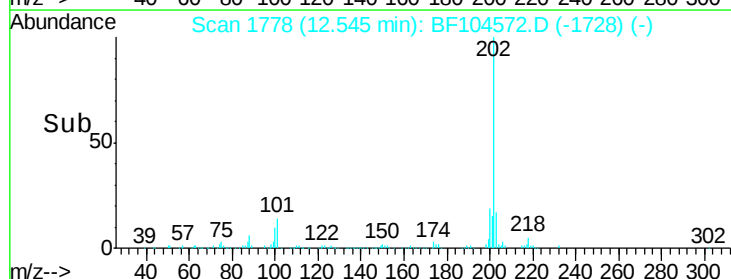
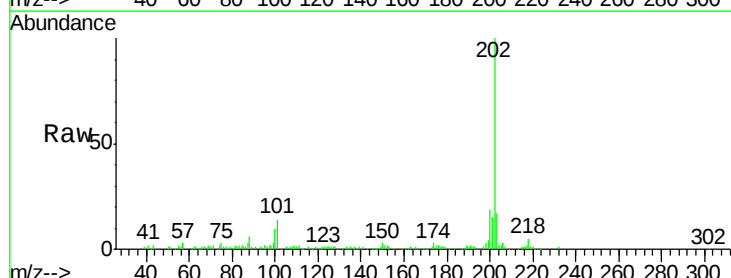
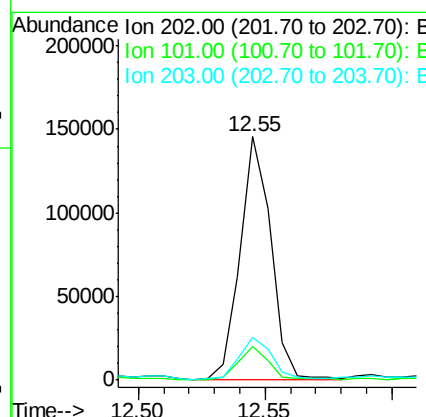
Manual Integrations
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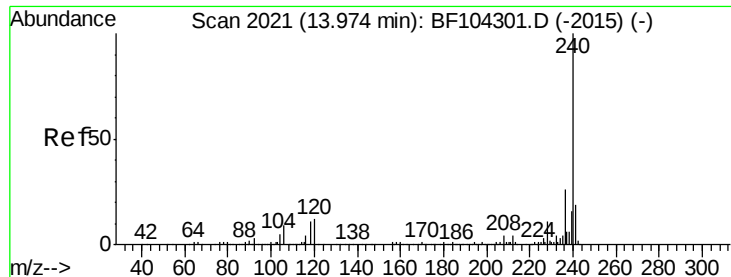
Sohil
 4/18/2018 3:00:53 PM



#74
 Fluoranthene
 Concen: 5.500 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BF104572.D
 Acq: 17 Apr 2018 20:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	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. -0.01 min

Lab File: BF104572.D

Acq: 17 Apr 2018 20:10

Instrument :

BNA_F

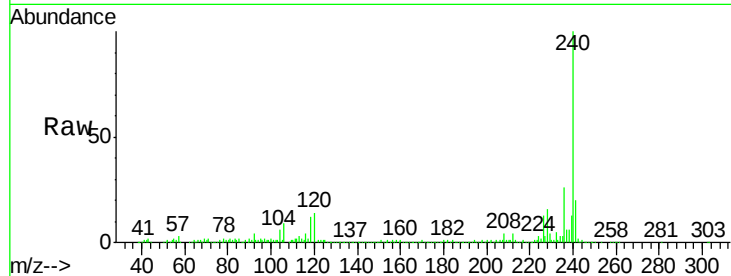
ClientSampleId :

20180240-COMPOSITE-B

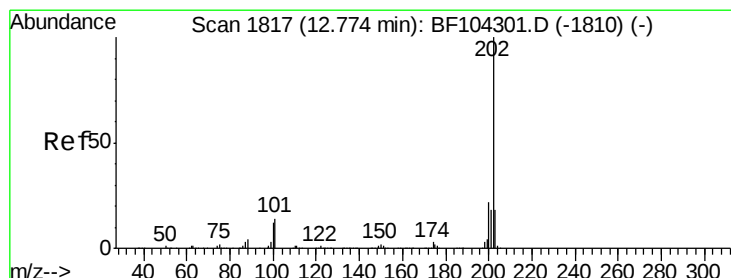
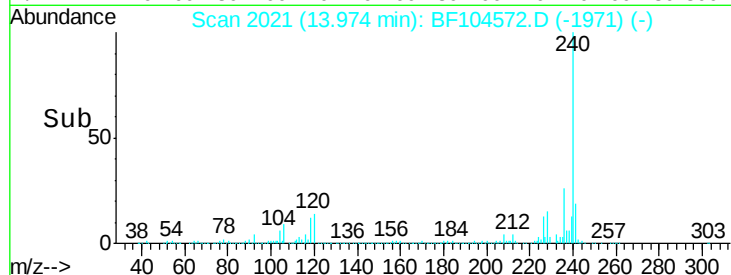
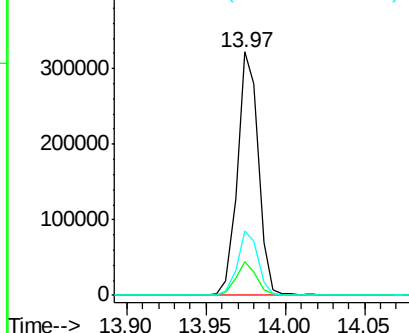
Tot Ion:	240	Resp:	293087
Ion Ratio	Lower	Upper	
240	100		
120	13.9	9.5	14.3
236	26.2	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 8.413 ng

RT: 12.77 min Scan# 1817

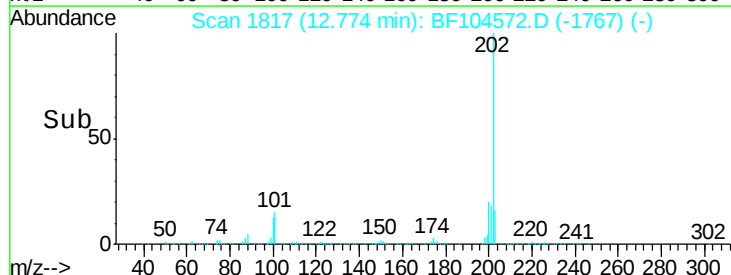
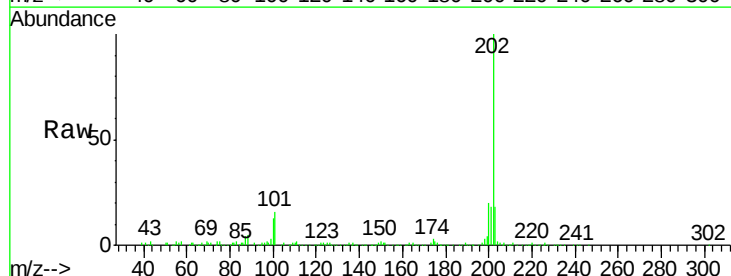
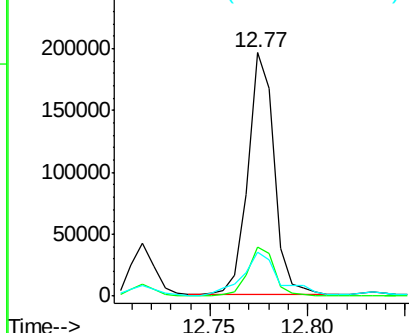
Delta R.T. -0.01 min

Lab File: BF104572.D

Acq: 17 Apr 2018 20:10

Tgt Ion:	202	Resp:	182775
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.4	26.2
203	18.2	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 59.335 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104572.D

Acq: 17 Apr 2018 20:10

Instrument :

BNA_F

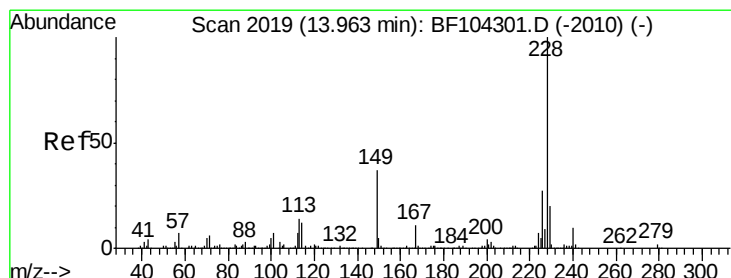
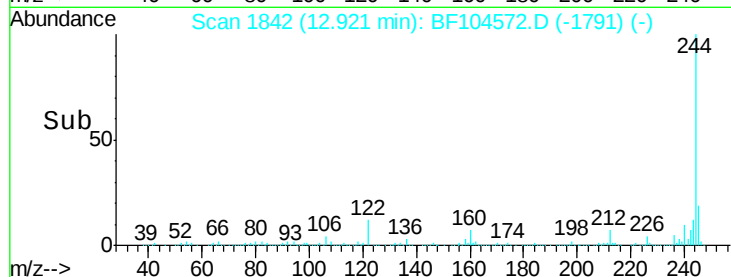
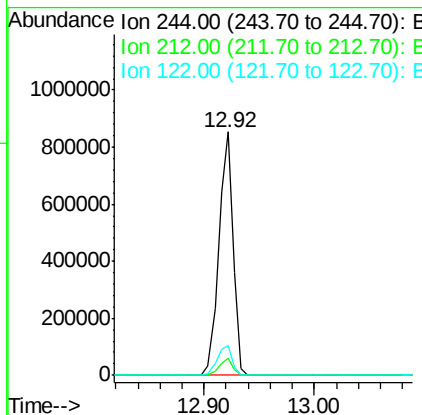
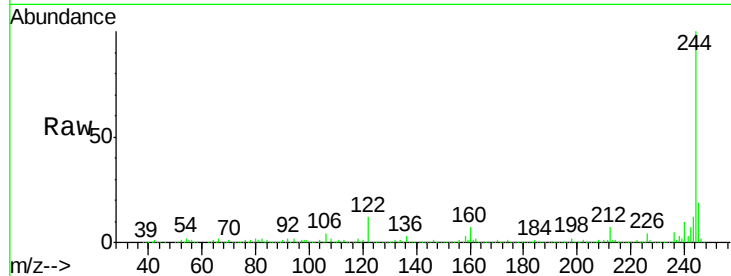
ClientSampleId :

20180240-COMPOSITE-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.1	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 7.504 ng m

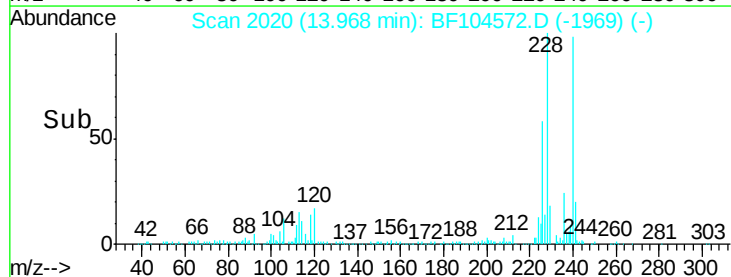
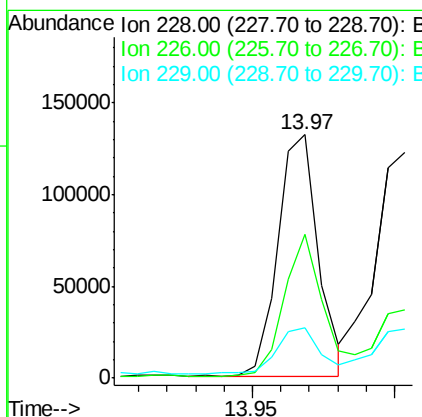
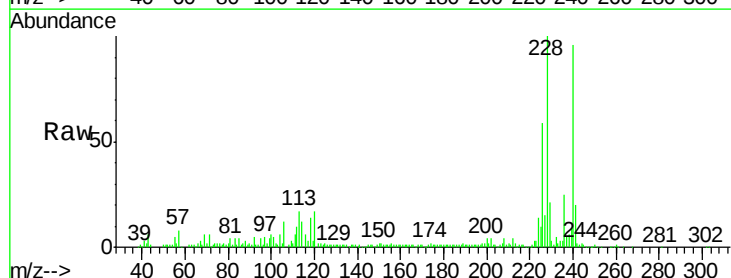
RT: 13.97 min Scan# 2020

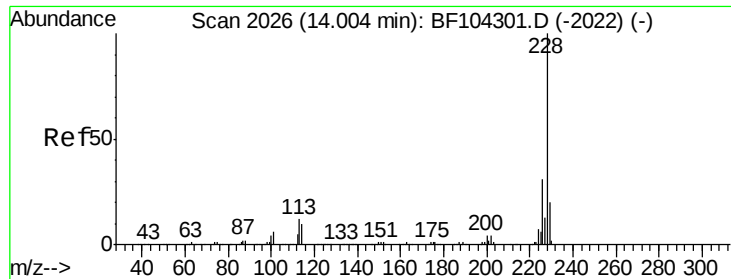
Delta R.T. 0.00 min

Lab File: BF104572.D

Acq: 17 Apr 2018 20:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	58.9	22.6	33.8#
229	20.8	15.8	23.6





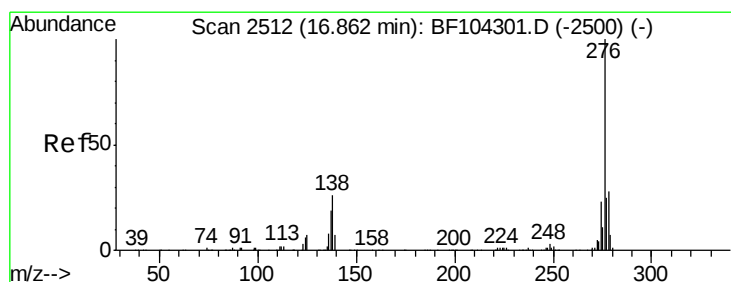
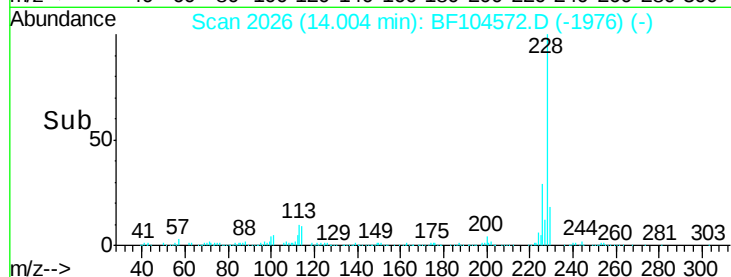
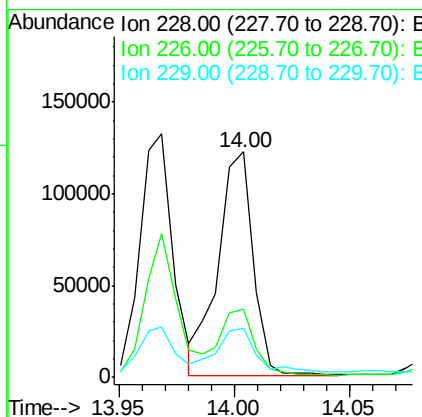
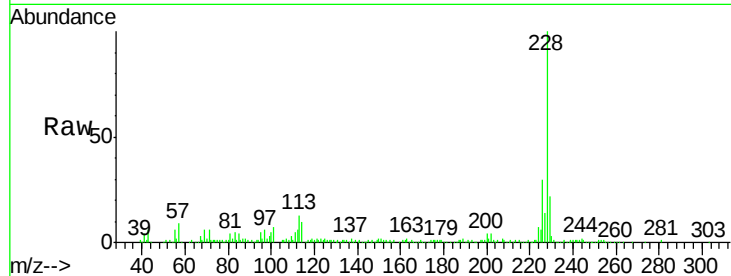
#82
Chrysene
Concen: 7.138 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104572.D
Acq: 17 Apr 2018 20:10

Instrument :
BNA_F
ClientSampleId :
20180240-COMPOSITE-B

Tot Ion:228	Resp:	128372
Ion Ratio	Lower	Upper
228 100		
226 30.3	25.0	37.6
229 22.0	16.2	24.4

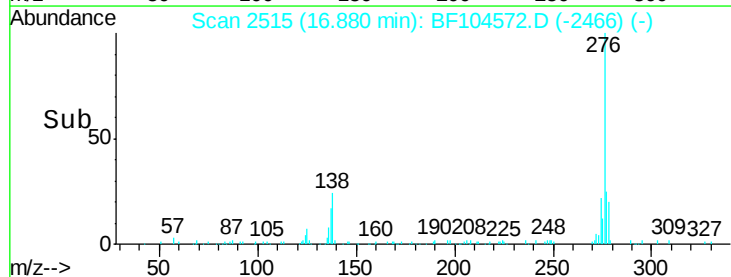
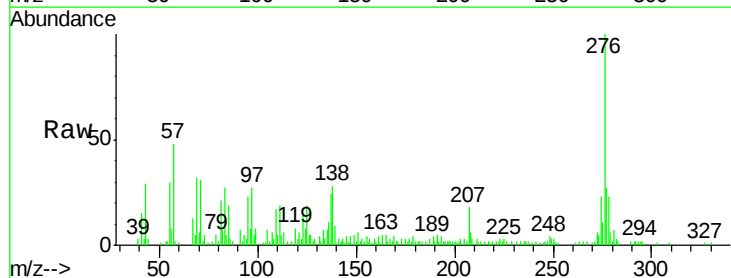
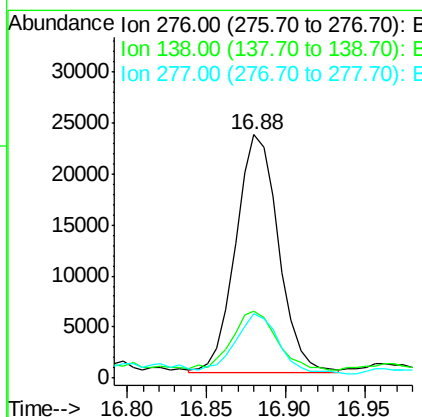
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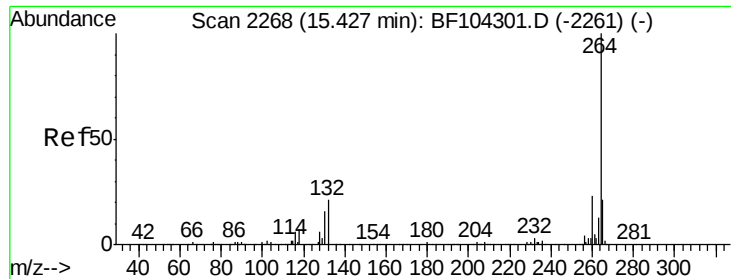
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.861 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BF104572.D
Acq: 17 Apr 2018 20:10

Tgt Ion:276	Resp:	43711
Ion Ratio	Lower	Upper
276 100		
138 26.1	25.0	37.6
277 25.5	20.1	30.1





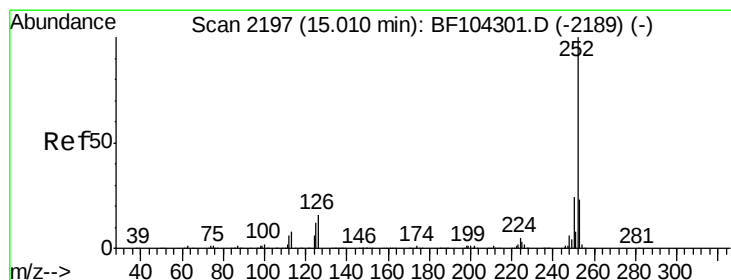
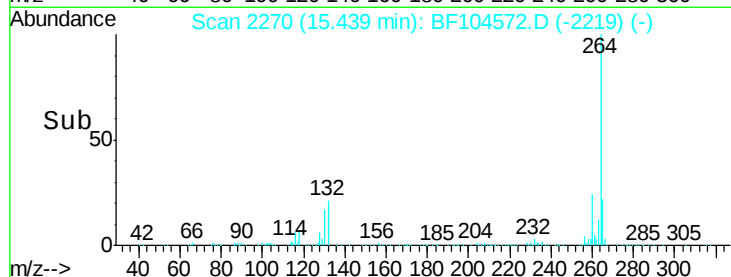
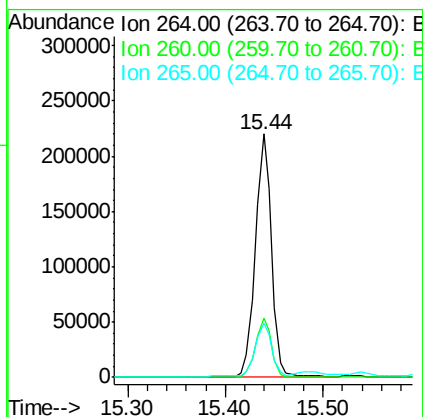
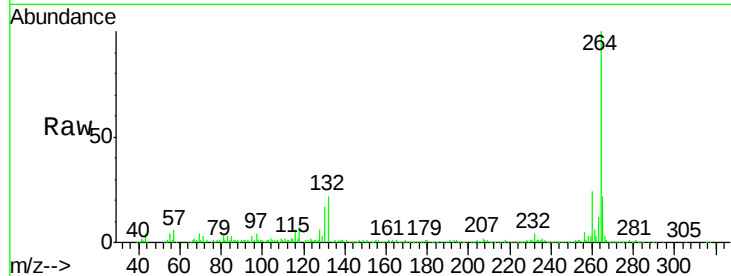
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF104572.D
Acq: 17 Apr 2018 20:10

Instrument :
BNA_F
ClientSampleId :
20180240-COMPOSITE-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	17.5	26.3

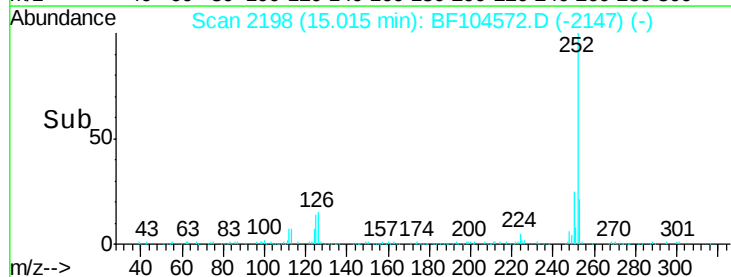
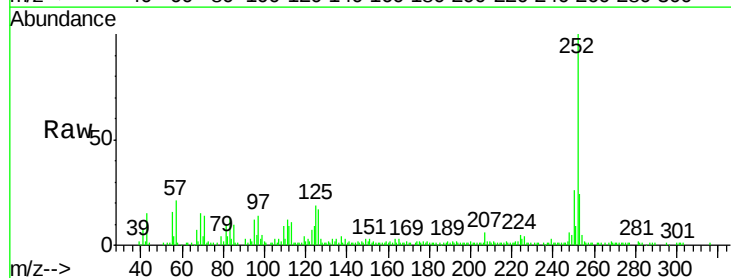
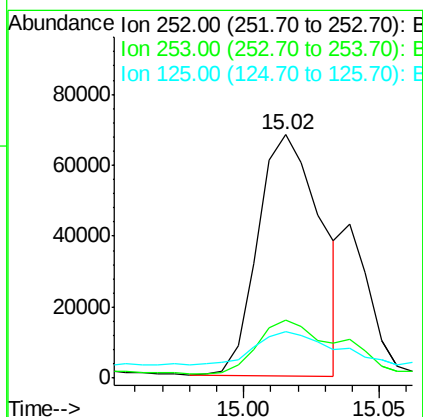
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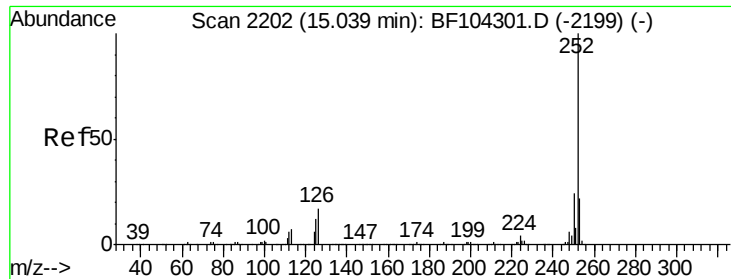
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#87
Benzo(b)fluoranthene
Concen: 6.730 ng m
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF104572.D
Acq: 17 Apr 2018 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	19.0	9.0	13.6





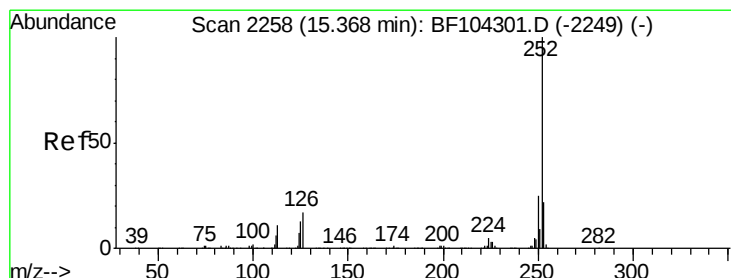
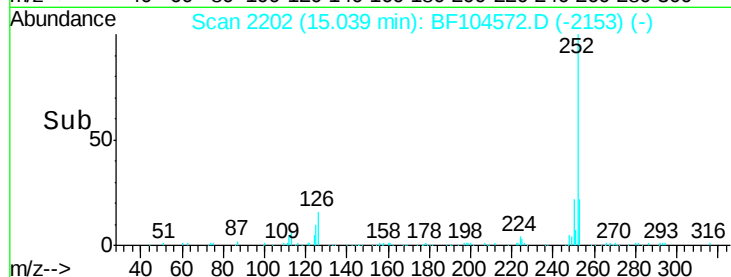
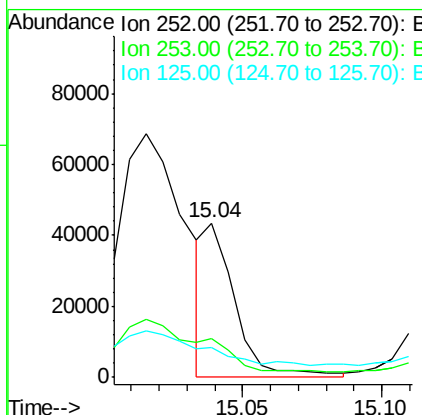
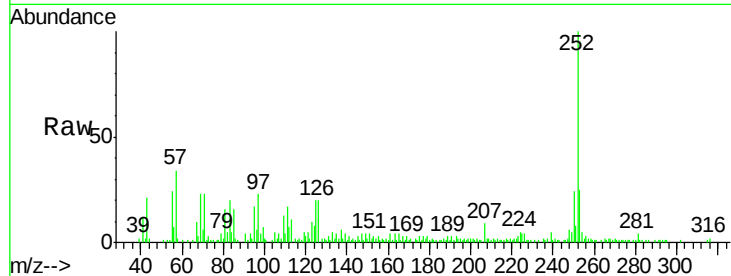
#88
Benzo(k)fluoranthene
Concen: 2.164 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF104572.D
Acq: 17 Apr 2018 20:10

Instrument :
BNA_F
ClientSampleId :
20180240-COMPOSITE-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	19.8	10.2	15.2

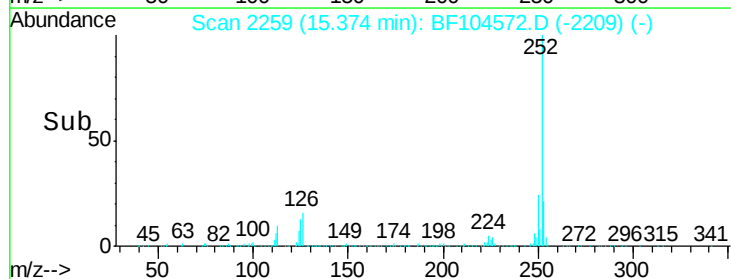
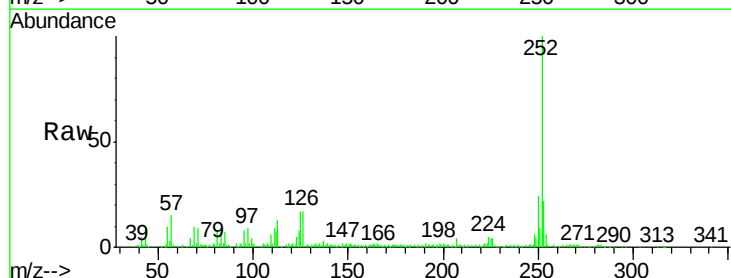
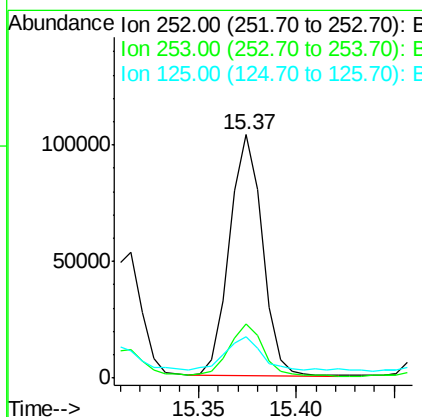
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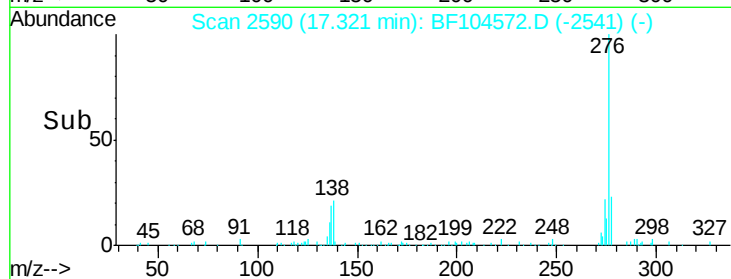
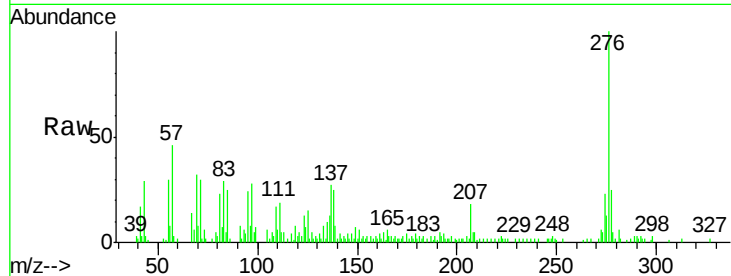
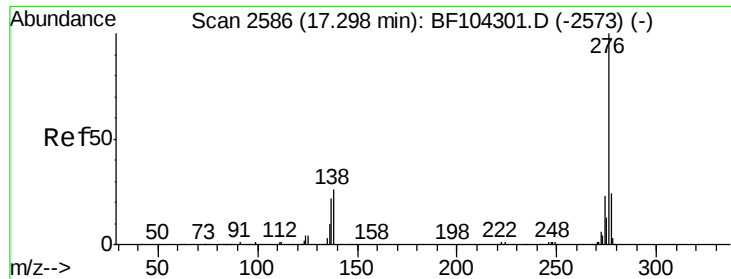
Sohil
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#89
Benzo(a)pyrene
Concen: 8.193 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF104572.D
Acq: 17 Apr 2018 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	16.8	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 3.734 ng

RT: 17.32 min Scan# 2590

Delta R.T. -0.01 min

Lab File: BF104572.D

Acq: 17 Apr 2018 20:10

Instrument :

BNA_F

ClientSampleId :

20180240-COMPOSITE-B

Tot Ion: 276 Resp: 43799

Ion Ratio Lower Upper

276 100

277 25.3 17.9 26.9

138 25.4 21.8 32.8

Manual Integrations
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