

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
 Data File : BF100165.D
 Acq On : 4 Nov 2017 6:14
 Operator : SJ/JU
 Sample : I6265-01 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:19:20 PM

Quant Time: Nov 04 06:58:28 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	95641	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	381344	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	163906	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	249406	20.00	ng	0.00
75) Chrysene-d12	13.95	240	158447	20.00	ng	0.00
86) Perylene-d12	15.42	264	156003	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	256879	42.17	ng	0.00
7) Phenol-d6	6.42	99	316277	43.79	ng	-0.01
23) Nitrobenzene-d5	7.34	82	179989	30.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	58648	39.26	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	353616	33.29	ng	0.00
78) Terphenyl-d14	12.87	244	201767	27.83	ng	0.00
Target Compounds						
10) Phenol	6.44	94	17089	2.155	ng	Qvalue 80
31) Naphthalene	8.07	128	53123	2.886	ng	99
49) Dimethylphthalate	9.53	163	35724	2.752	ng	# 98
70) Phenanthrene	11.32	178	55594	3.950	ng	99
74) Fluoranthene	12.52	202	72086	4.928	ng	96
77) Pyrene	12.75	202	65359	5.425	ng	98
80) Benzo(a)anthracene	13.94	228	31885m	3.174	ng	
82) Chrysene	13.98	228	31233	3.307	ng	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	18732	2.161	ng	92
87) Benzo(b)fluoranthene	15.00	252	35986	3.653	ng	# 83
89) Benzo(a)pyrene	15.36	252	28450	3.215	ng	# 81
91) Benzo(g,h,i)perylene	17.37	276	17145	2.229	ng	# 84

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

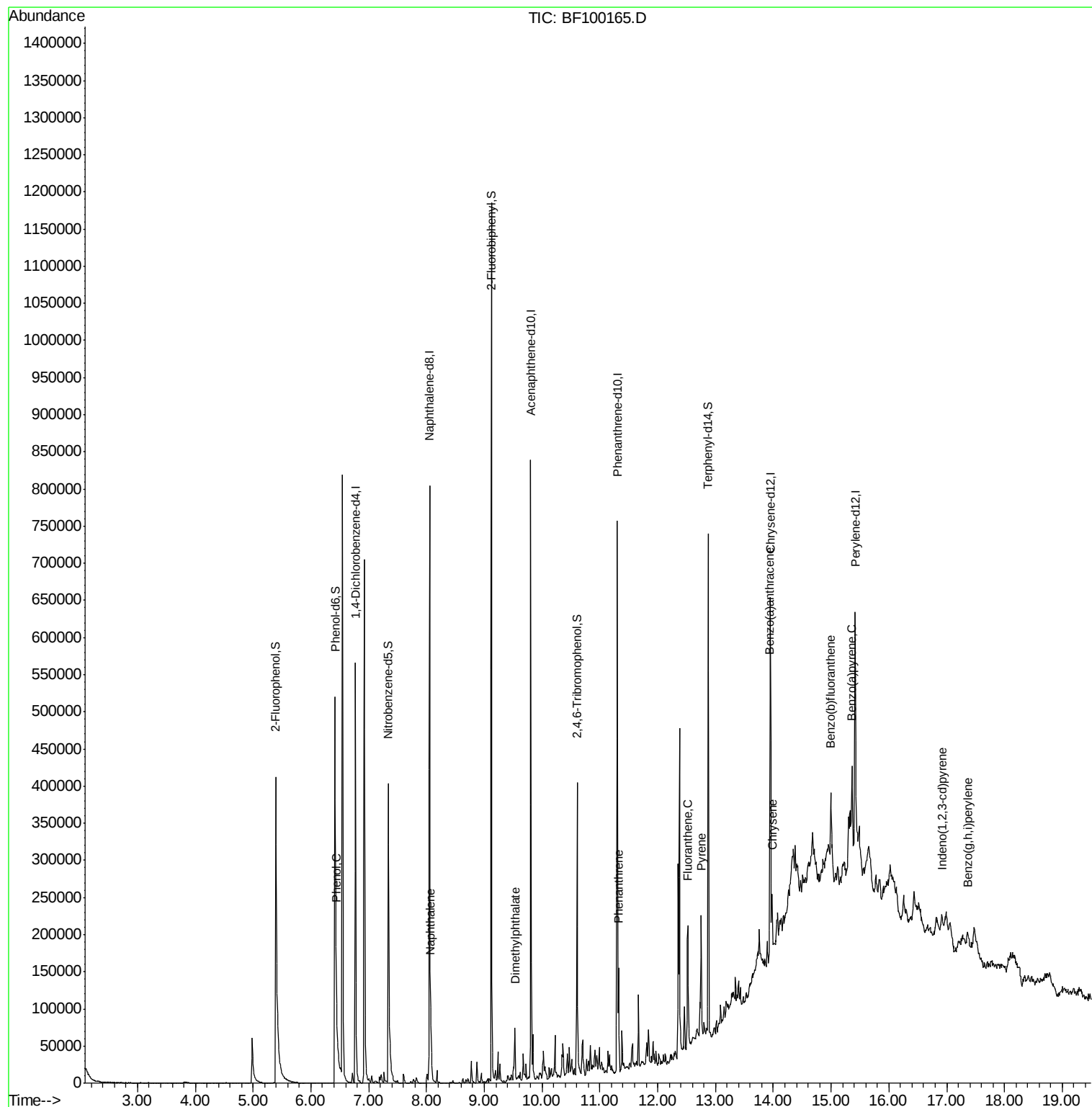
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100165.D
Acq On : 4 Nov 2017 6:14
Operator : SJ/JU
Sample : I6265-01 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

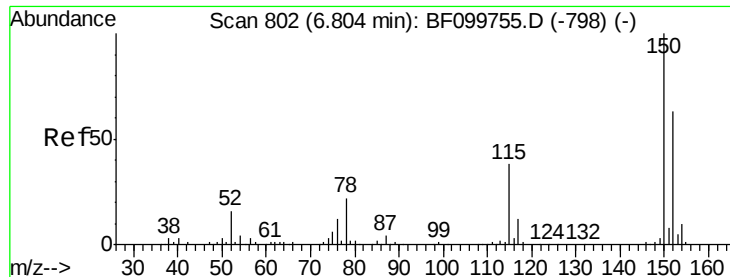
Instrument :
BNA_F
ClientSampleId :
COMP-1

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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#1

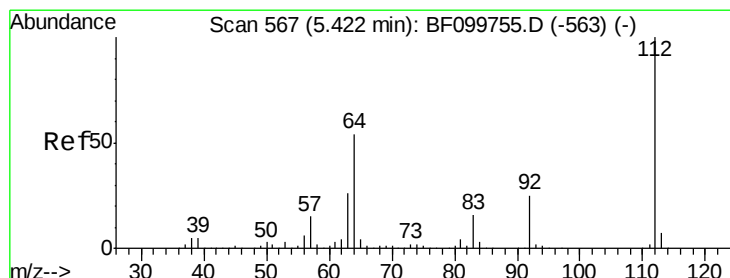
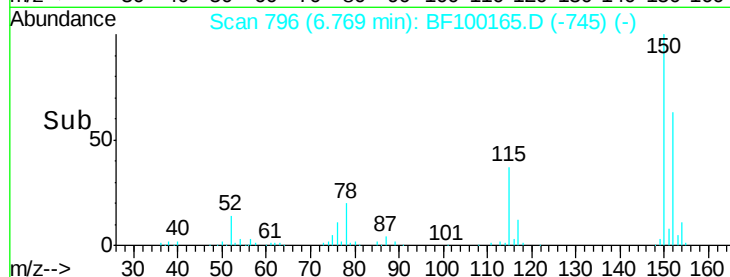
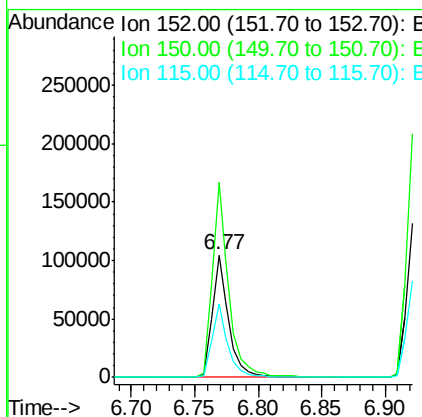
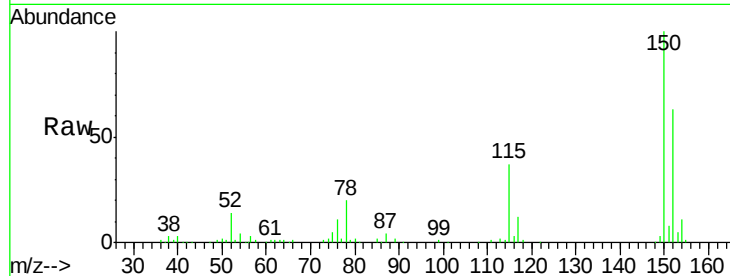
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF100165.D
Acq: 4 Nov 2017 6:14

Instrument :
BNA_F
ClientSampled :
COMP-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	59.7	50.1	75.1

Manual Integrations
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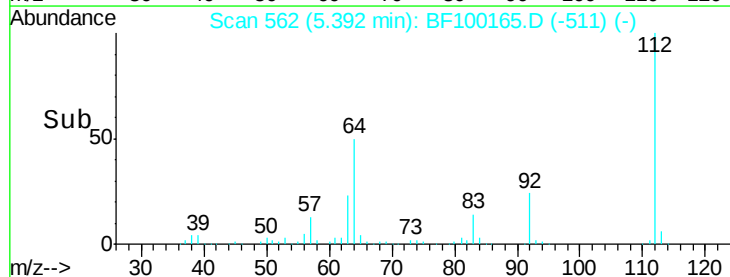
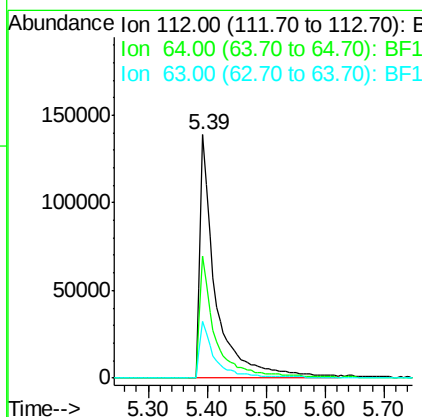
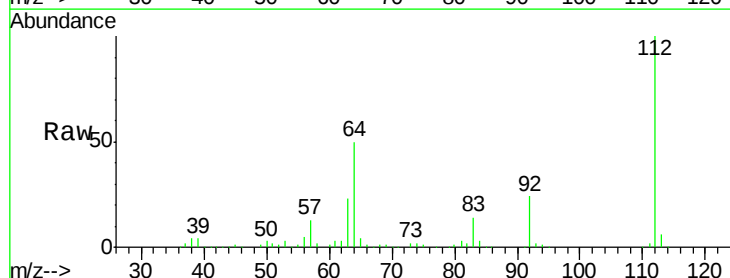
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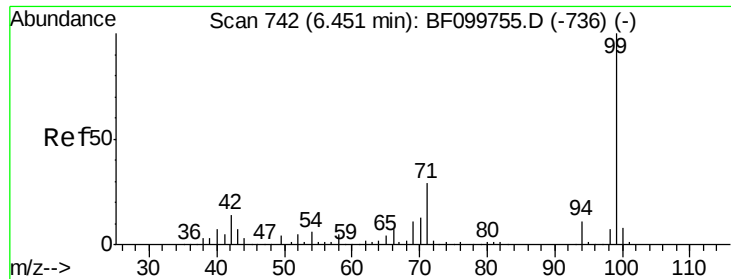


#5

2-Fluorophenol
Concen: 42.167 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF100165.D
Acq: 4 Nov 2017 6:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.3	47.9	71.9
63	23.1	23.7	35.5#





#7

Phenol-d6

Concen: 43.786 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100165.D

Acq: 4 Nov 2017 6:14

Instrument :

BNA_F

ClientSampled :

COMP-1

Tgt Ion: 99 Resp: 316277
Ion Ratio Lower Upper

99 100

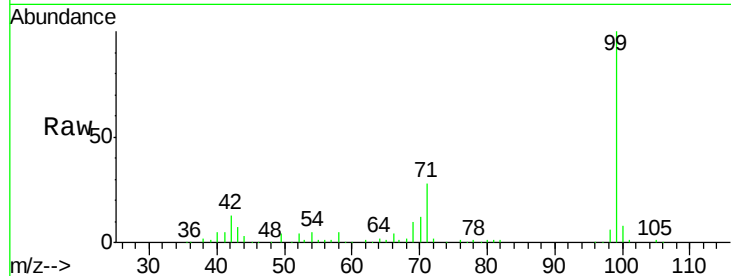
42 13.2 14.5 21.7#

71 28.3 25.4 38.0

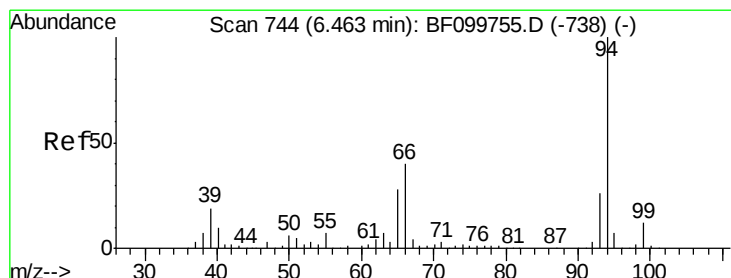
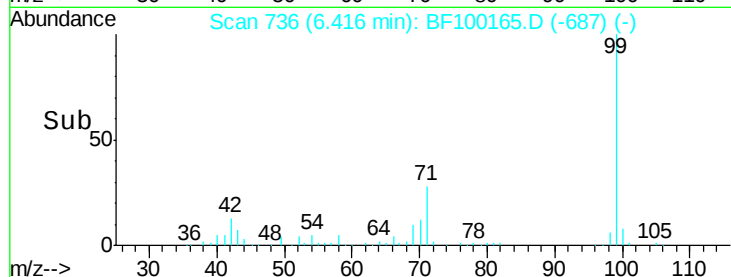
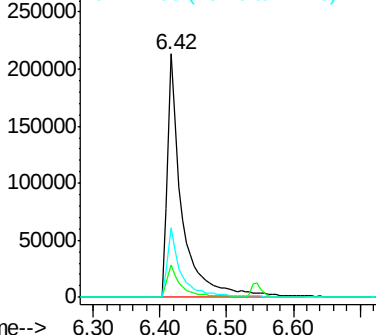
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.155 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF100165.D

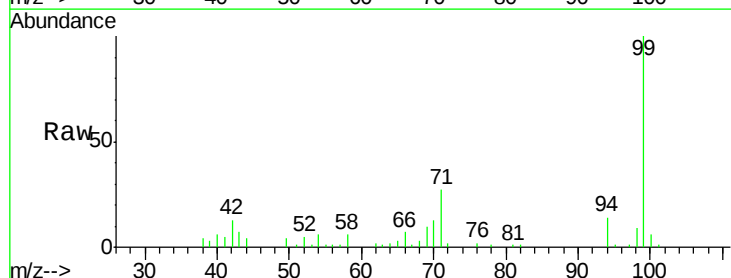
Acq: 4 Nov 2017 6:14

Tgt Ion: 94 Resp: 17089
Ion Ratio Lower Upper

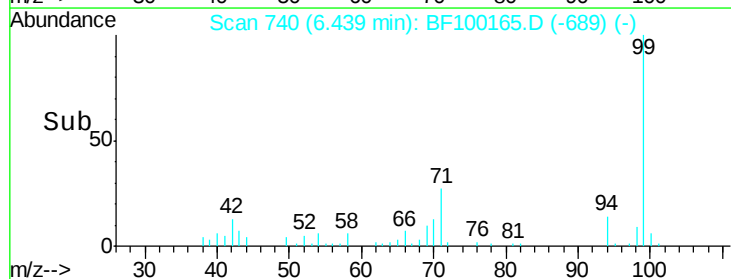
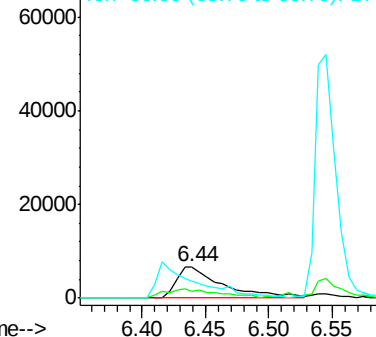
94 100

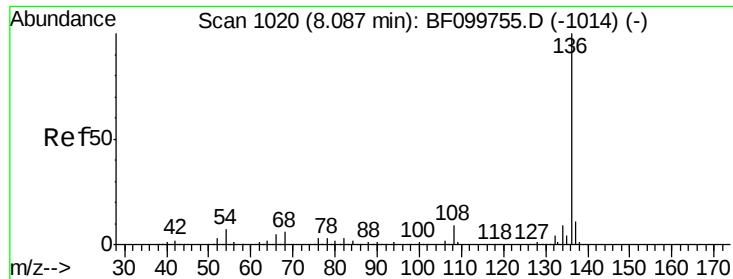
65 22.6 7.9 47.9

66 53.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





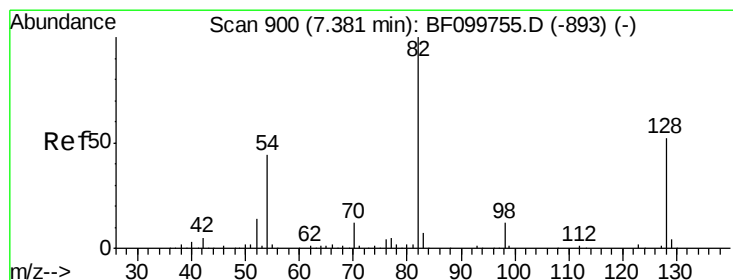
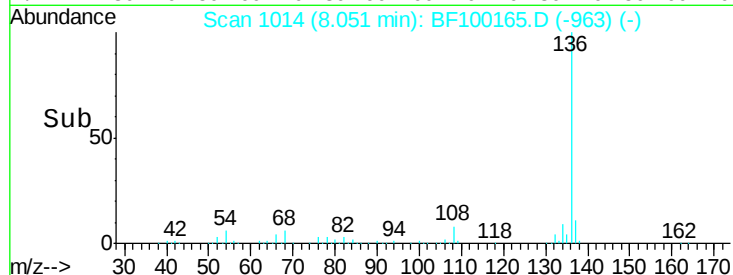
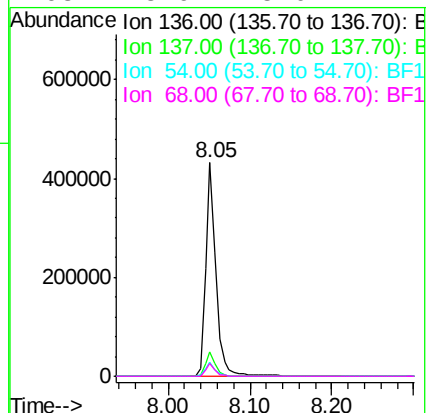
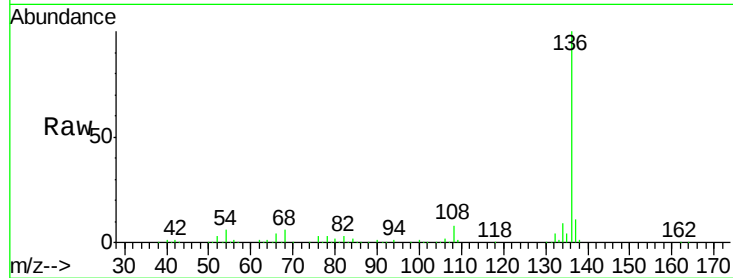
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF100165.D
Acq: 4 Nov 2017 6:14

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.3	8.9	13.3
54	6.4	6.6	9.8
68	5.9	5.0	7.4

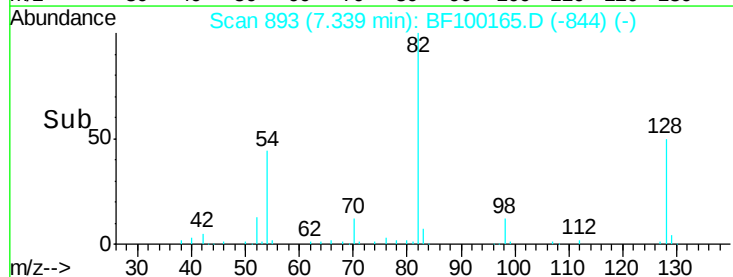
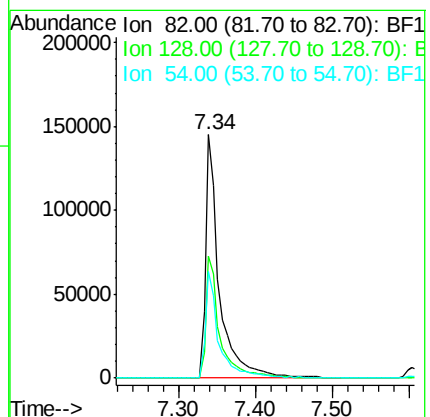
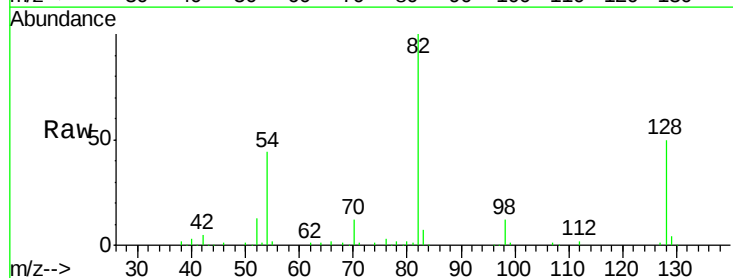
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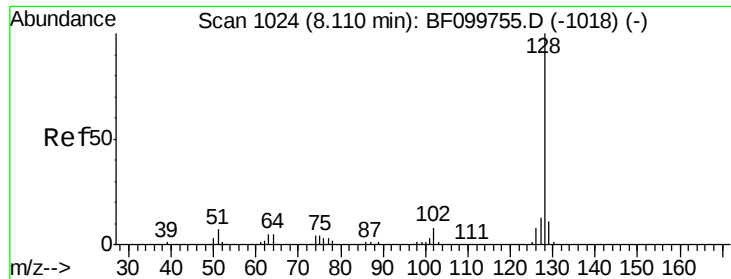
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#23
Nitrobenzene-d5
Concen: 30.387 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100165.D
Acq: 4 Nov 2017 6:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	50.0	36.1	54.1
54	43.6	41.4	62.2





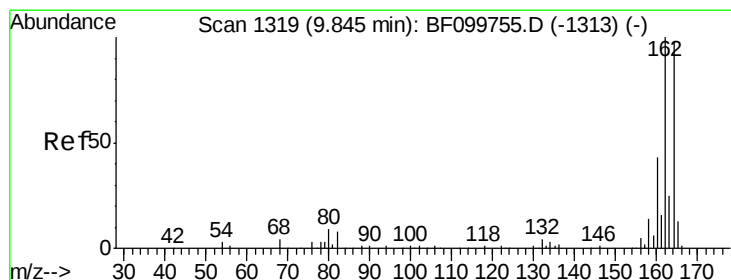
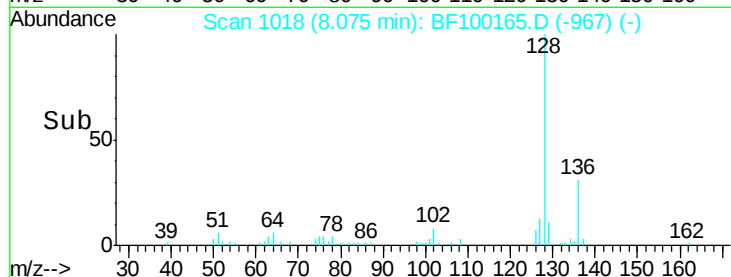
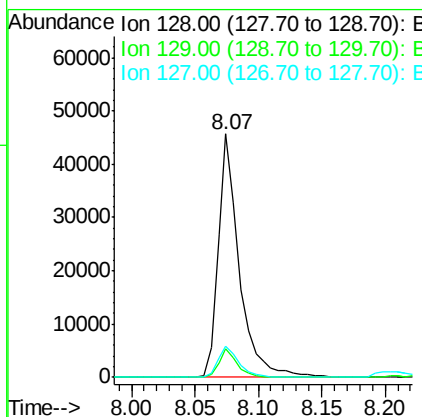
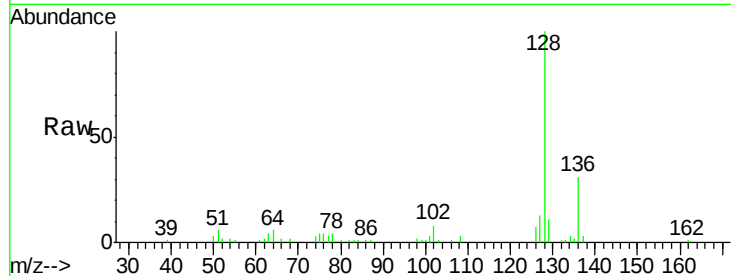
#31
Naphthalene
Concen: 2.886 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF100165.D
Acq: 4 Nov 2017 6:14

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.5	8.8	13.2
127	13.0	10.9	16.3

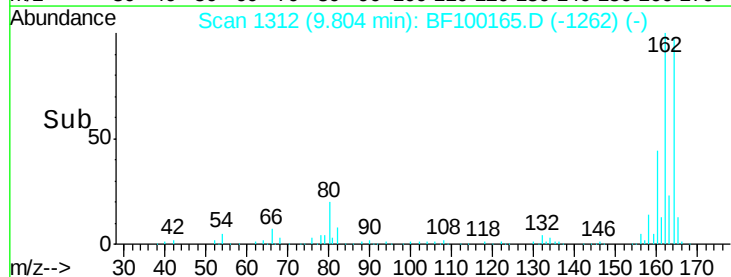
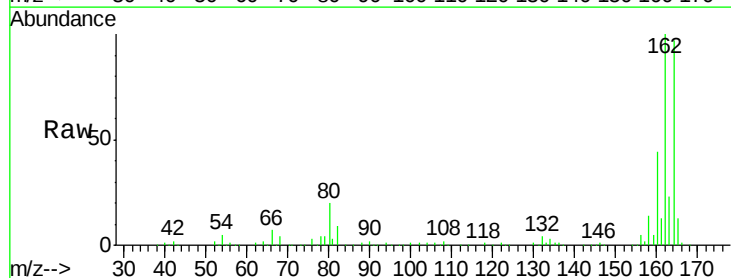
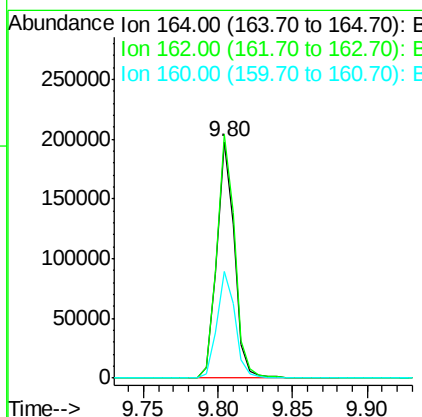
Manual Integrations
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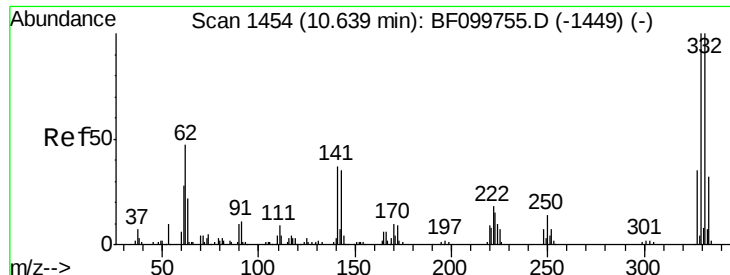
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100165.D
Acq: 4 Nov 2017 6:14

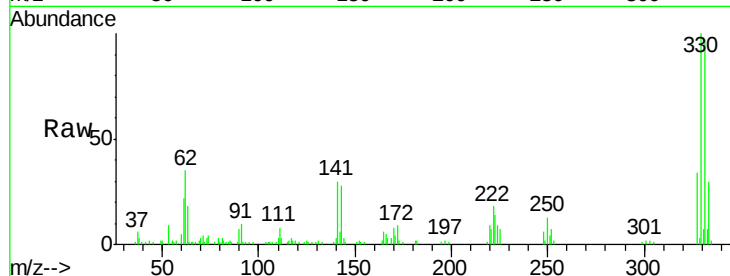
Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	103.1	86.1	129.1
160	45.0	38.3	57.5





#41
 2,4,6-Tribromophenol
 Concen: 39.264 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100165.D
 Acq: 4 Nov 2017 6:14

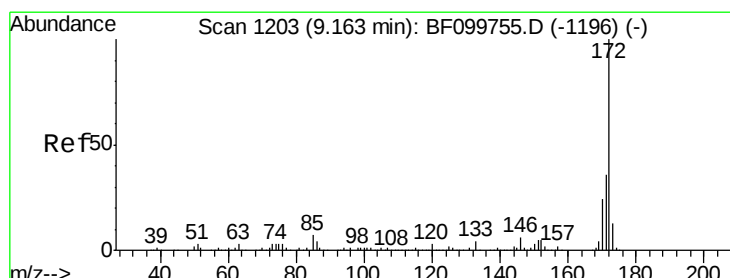
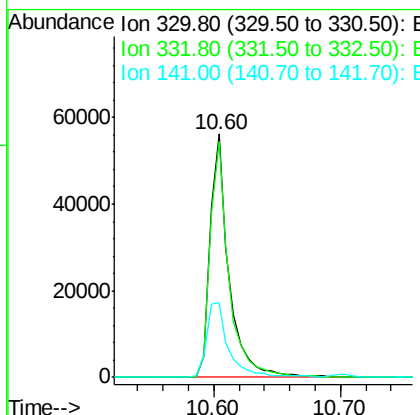
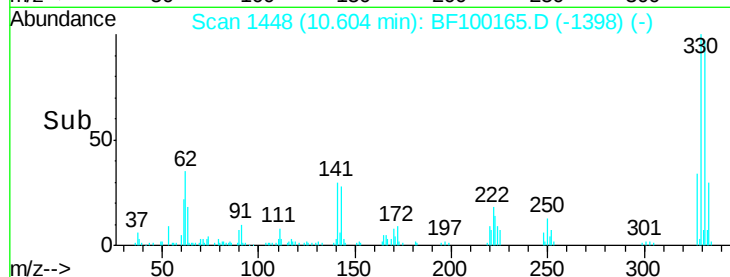
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	58648		
332	97.0	77.0	115.6	
141	35.7	29.9	44.9	

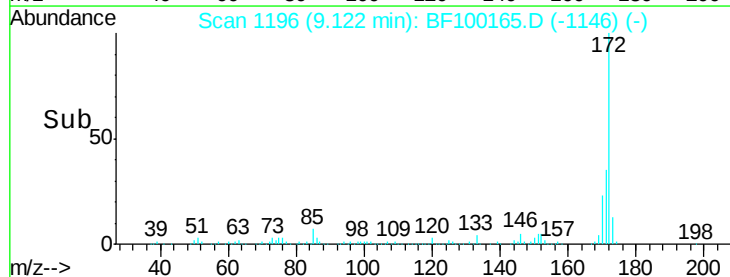
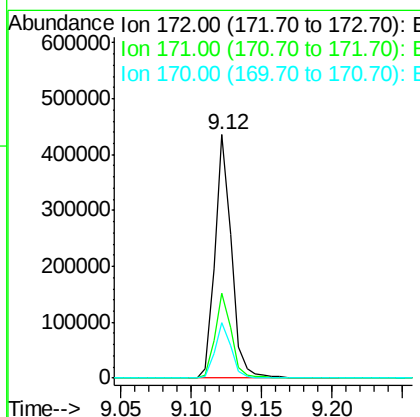
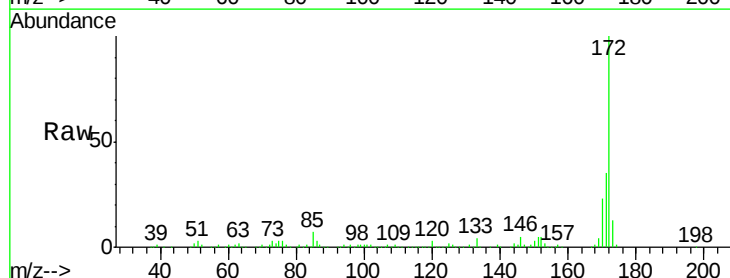
Manual Integrations
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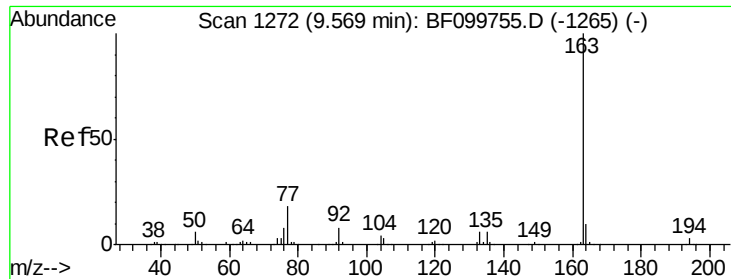
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#44
 2-Fluorobiphenyl
 Concen: 33.286 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100165.D
 Acq: 4 Nov 2017 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	353616		
171	35.0	29.7	44.5	
170	22.9	19.6	29.4	





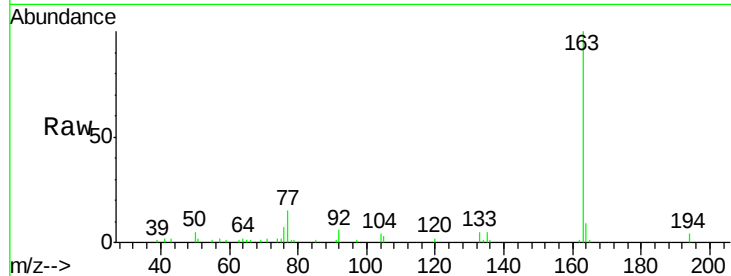
#49
Dimethylphthalate
Concen: 2.752 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF100165.D
Acq: 4 Nov 2017 6:14

Instrument :
BNA_F
ClientSampleId :
COMP-1

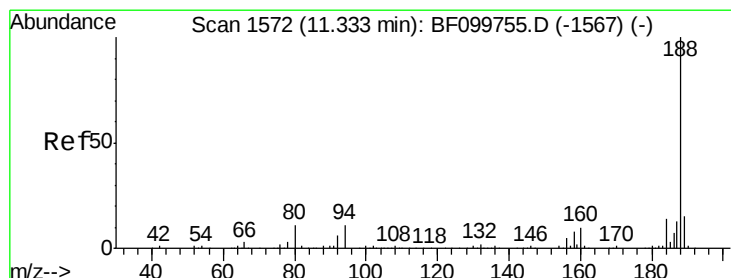
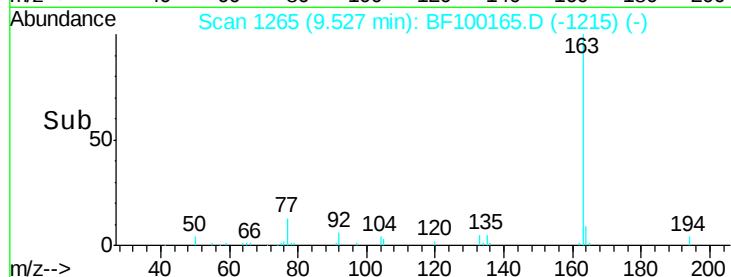
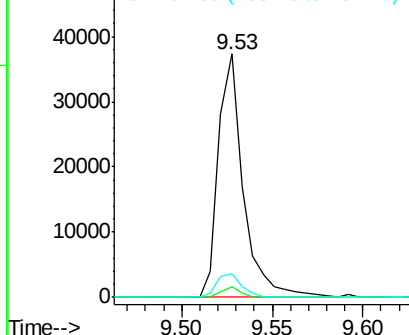
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	35724		
194	4.4	2.7	4.1#	
164	9.5	8.2	12.2	

Manual Integrations
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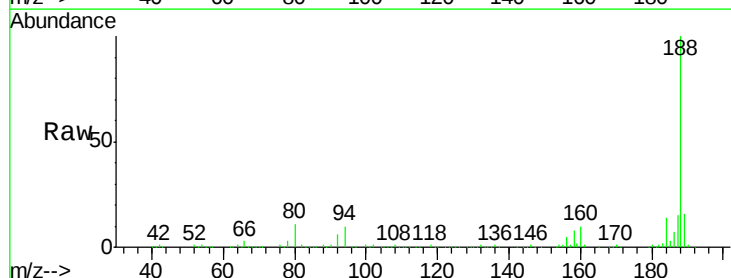


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

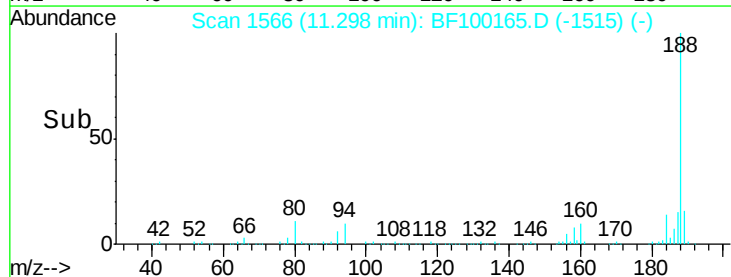
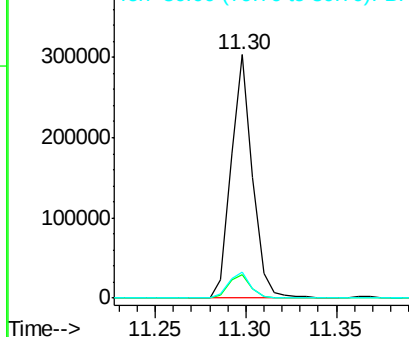


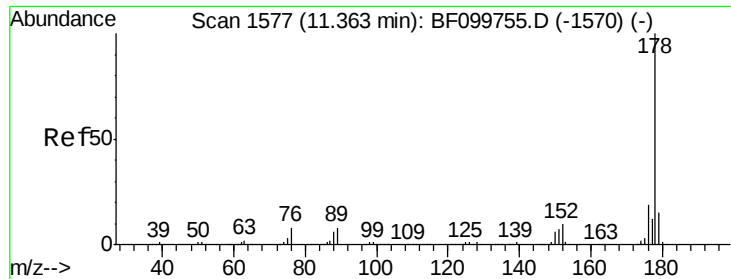
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF100165.D
Acq: 4 Nov 2017 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	249406		
94	9.9	8.5	12.7	
80	10.6	9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





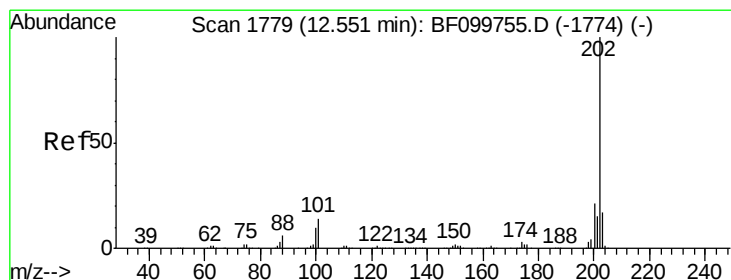
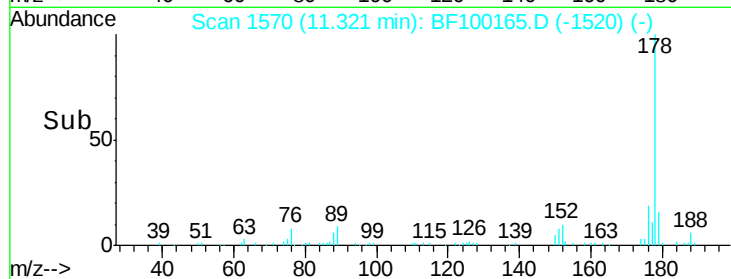
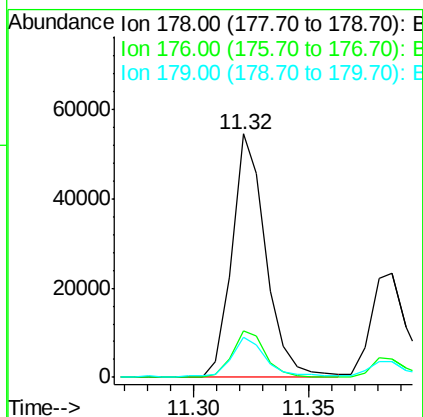
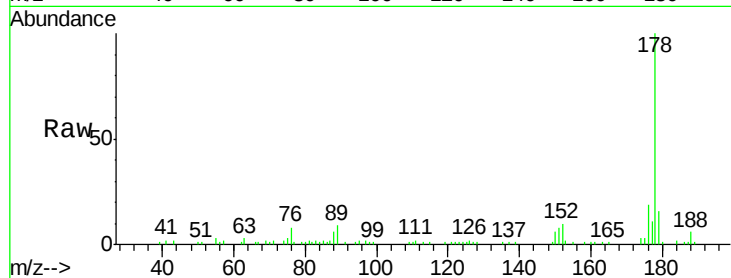
#70
Phenanthrene
Concen: 3.950 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF100165.D
Acq: 4 Nov 2017 6:14

Instrument :
BNA_F
ClientSampled :
COMP-1

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	16.3	13.0	19.6

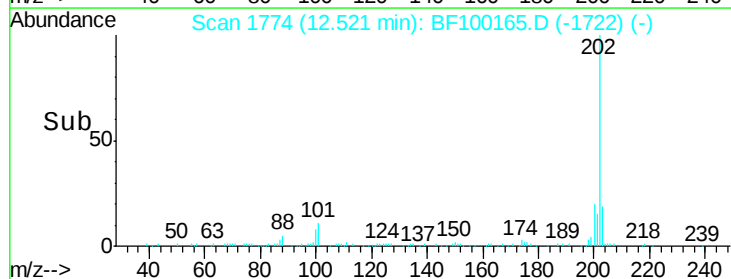
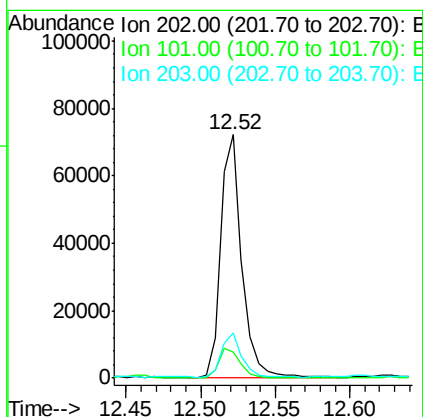
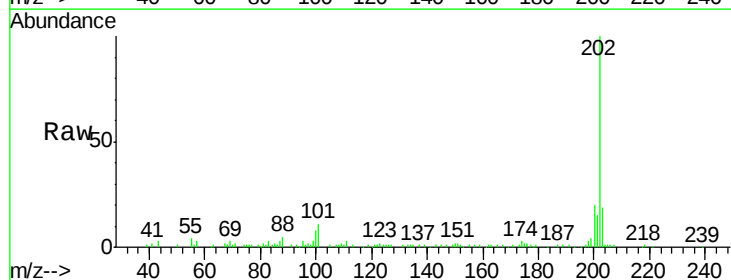
Manual Integrations
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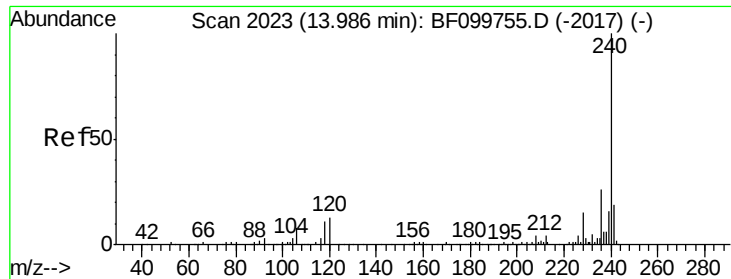
Sohil
11/4/2017 2:19:20 PM



#74
Fluoranthene
Concen: 4.928 ng
RT: 12.52 min Scan# 1774
Delta R.T. 0.01 min
Lab File: BF100165.D
Acq: 4 Nov 2017 6:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	18.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF100165.D

Acq: 4 Nov 2017 6:14

Instrument :

BNA_F

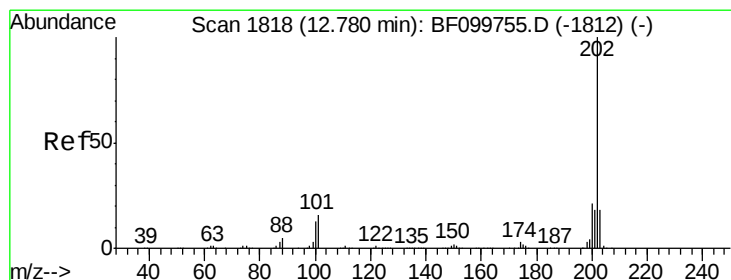
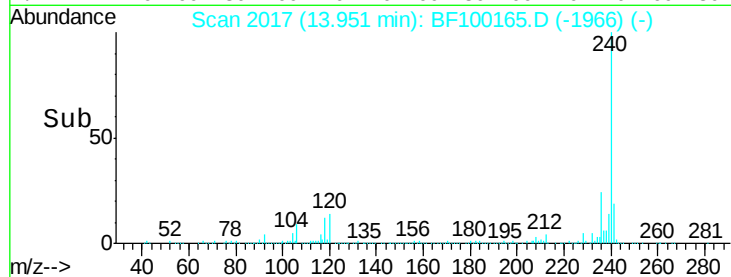
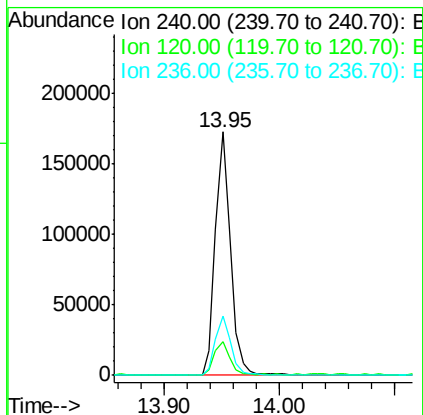
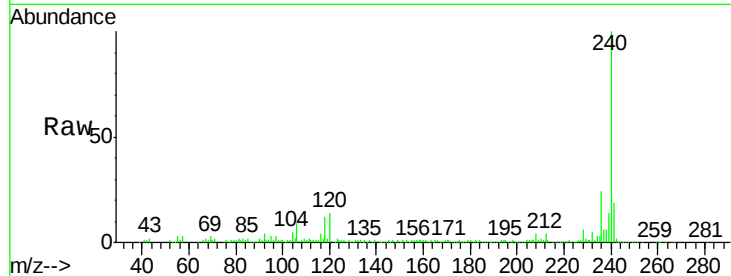
ClientSampled :

COMP-1

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	158447		
120	13.8	9.5	14.3	
236	24.3	20.7	31.1	

Manual Integrations
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#77

Pyrene

Concen: 5.425 ng

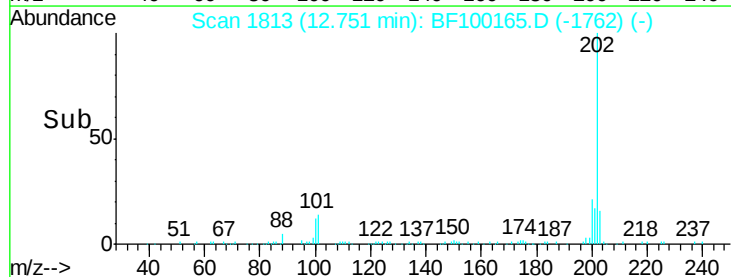
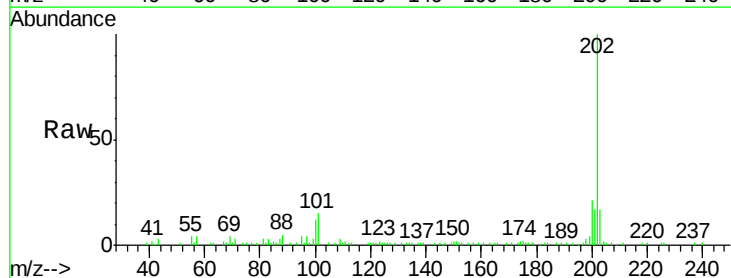
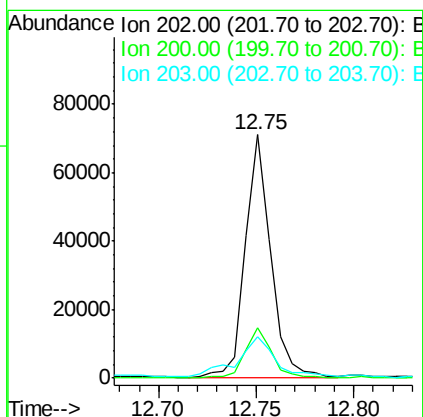
RT: 12.75 min Scan# 1813

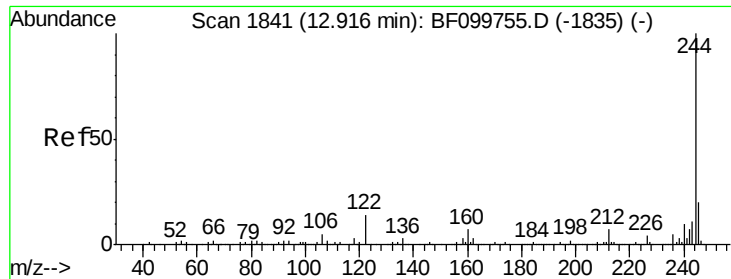
Delta R.T. -0.00 min

Lab File: BF100165.D

Acq: 4 Nov 2017 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	65359		
200	20.6	17.4	26.2	
203	17.0	14.3	21.5	





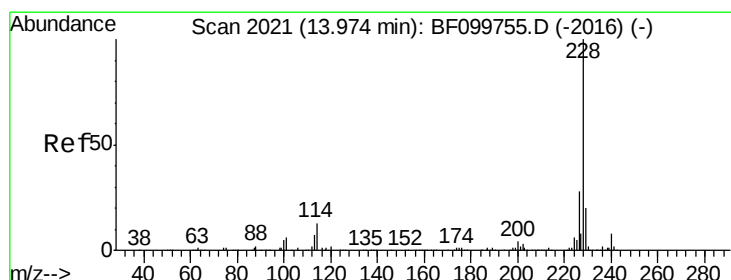
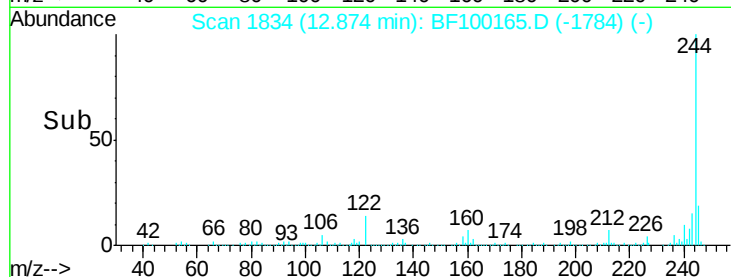
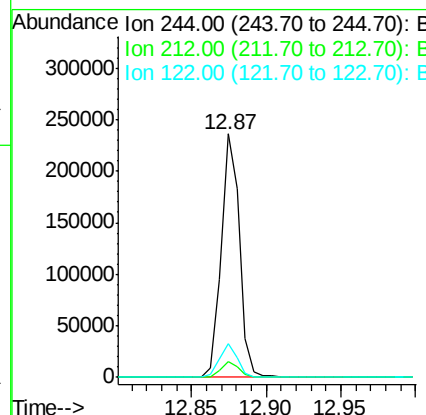
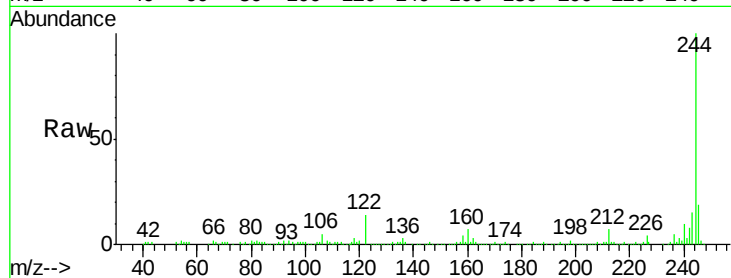
#78
 Terphenyl-d14
 Concen: 27.829 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF100165.D
 Acq: 4 Nov 2017 6:14

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	14.0	11.0	16.4

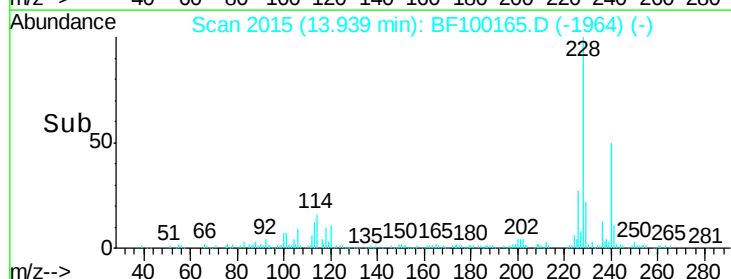
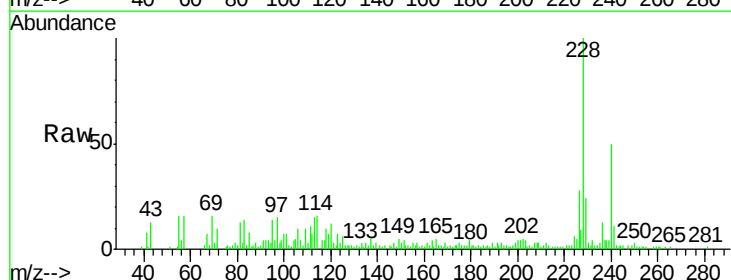
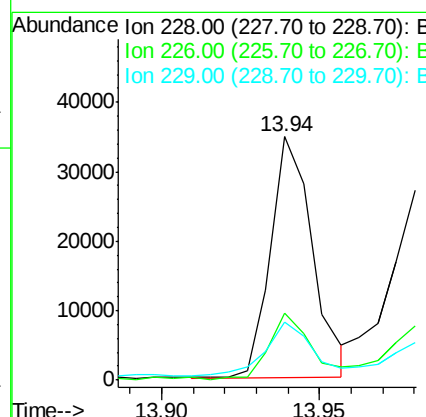
Manual Integrations
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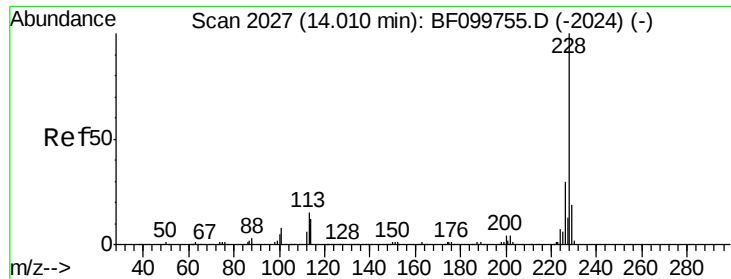
Sohil
 11/4/2017 2:19:20 PM



#80
 Benzo(a)anthracene
 Concen: 3.174 ng m
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF100165.D
 Acq: 4 Nov 2017 6:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	24.0	15.8	23.6





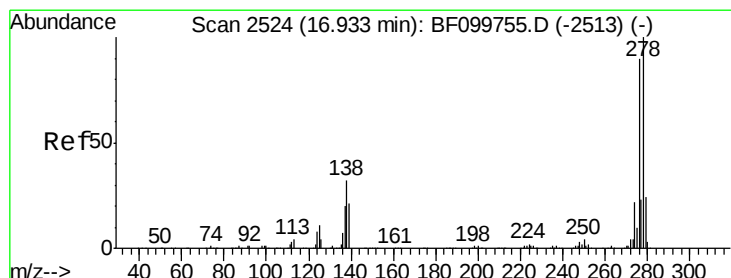
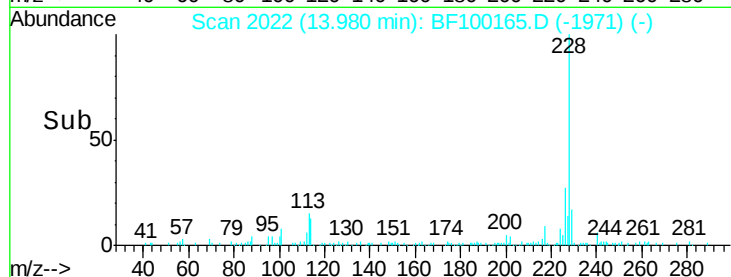
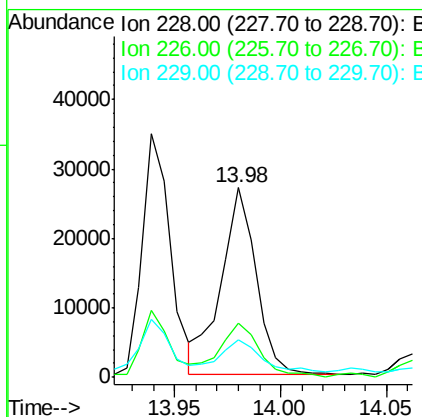
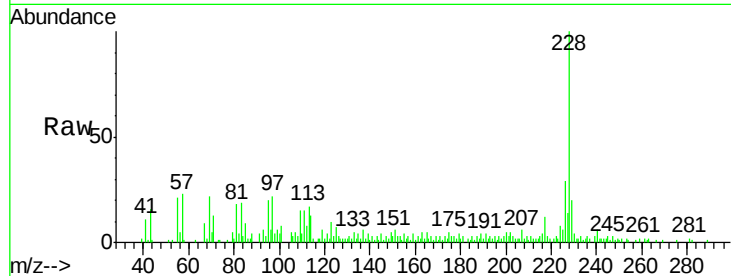
#82
Chrysene
Concen: 3.307 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF100165.D
Acq: 4 Nov 2017 6:14

Instrument :
BNA_F
ClientSampled :
COMP-1

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	31233		
226	28.6	25.0	37.6	
229	19.9	16.2	24.4	

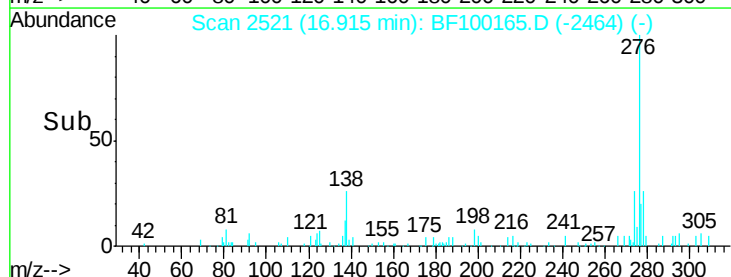
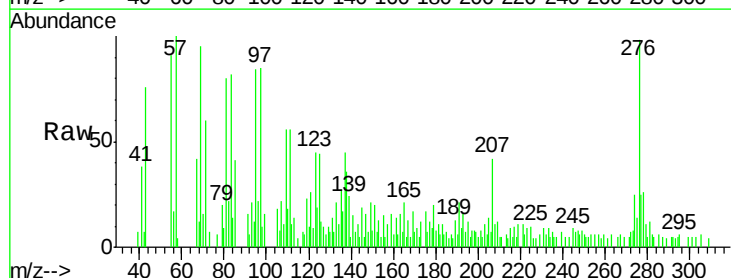
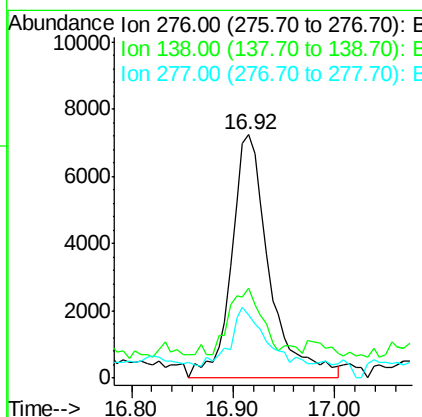
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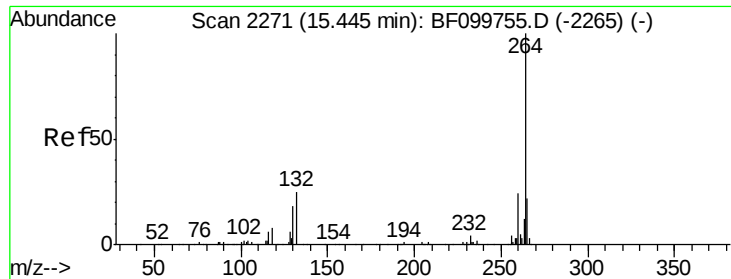
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.161 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.04 min
Lab File: BF100165.D
Acq: 4 Nov 2017 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	18732		
138	25.8	25.0	37.6	
277	21.9	20.1	30.1	





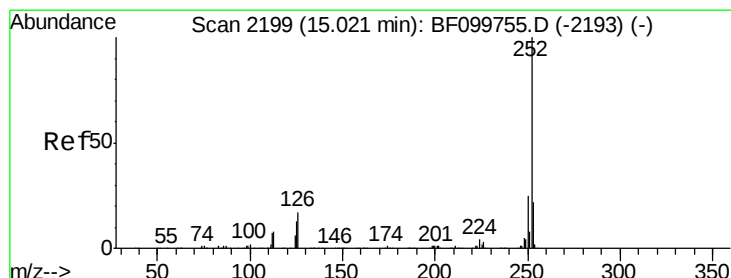
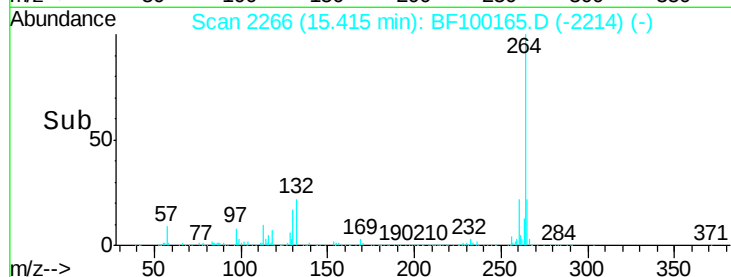
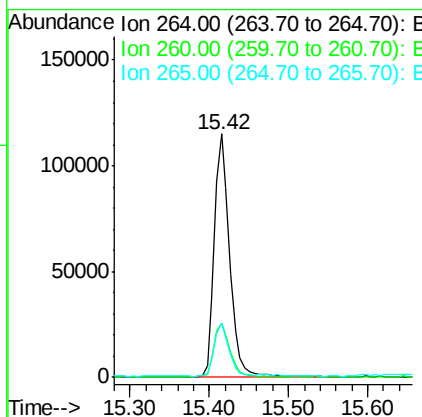
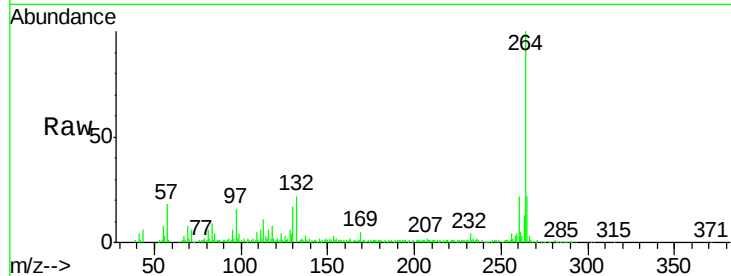
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF100165.D
Acq: 4 Nov 2017 6:14

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	22.0	17.5	26.3

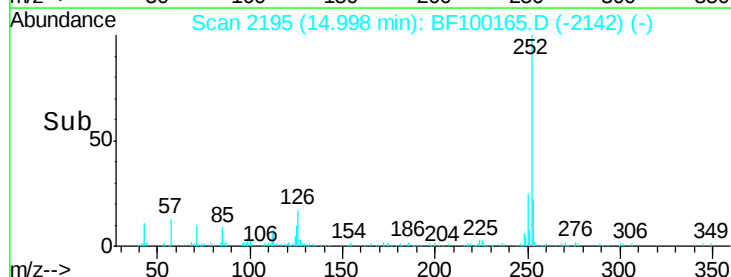
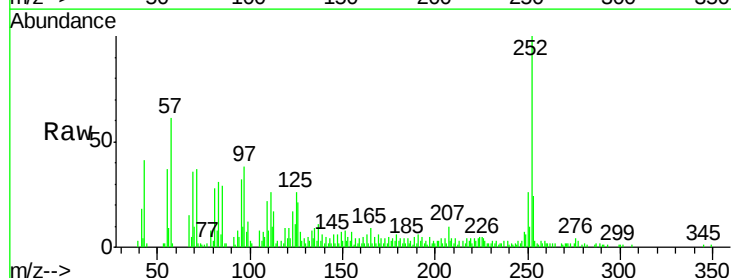
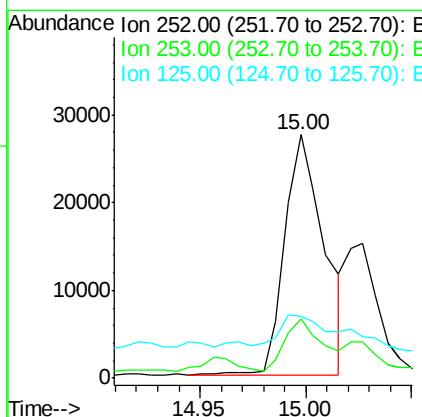
Manual Integrations
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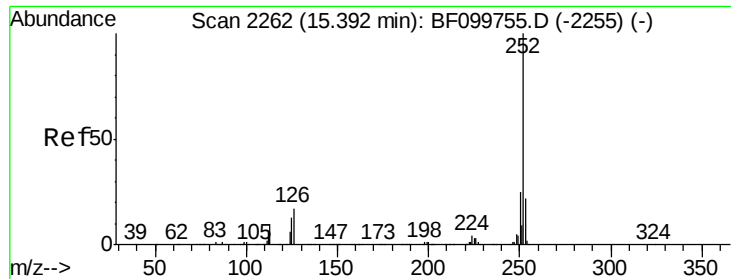
Sohil
11/4/2017 2:19:20 PM



#87
Benzo(b)fluoranthene
Concen: 3.653 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF100165.D
Acq: 4 Nov 2017 6:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	25.7	9.0	13.6





#89

Benzo(a)pyrene

Concen: 3.215 ng

RT: 15.36 min Scan# 2257

Delta R.T. 0.01 min

Lab File: BF100165.D

Acq: 4 Nov 2017 6:14

Instrument :

BNA_F

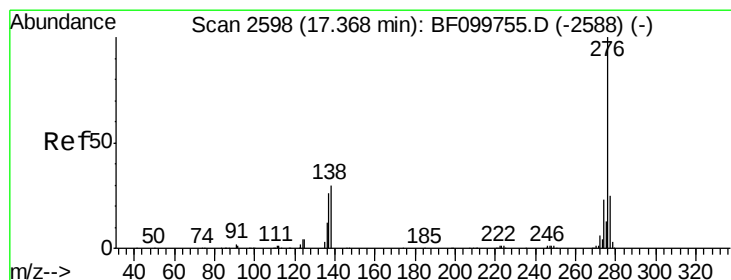
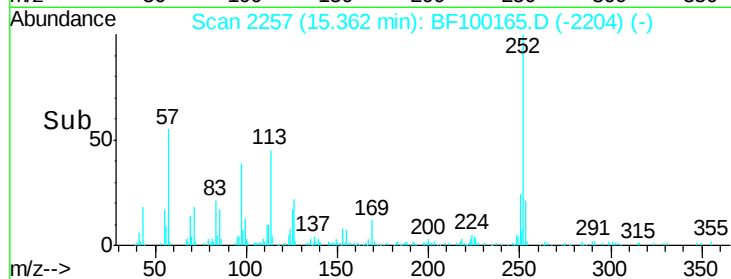
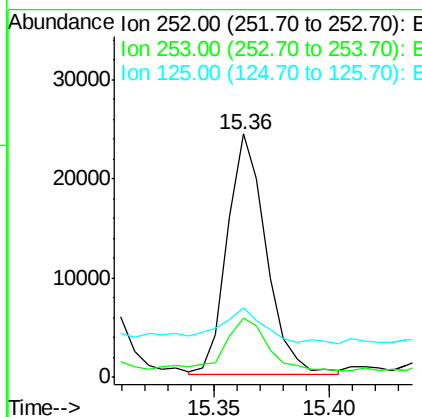
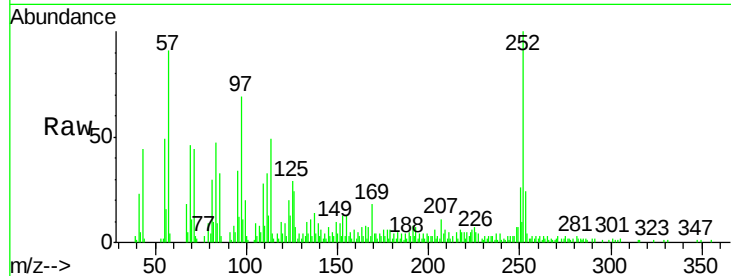
ClientSampled :

COMP-1

Tgt Ion:	252	Resp:	28450
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.1	25.7
125	28.6	9.8	14.6#

Manual Integrations
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11/4/2017 2:19:20 PM



#91

Benzo(g,h,i)perylene

Concen: 2.229 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.05 min

Lab File: BF100165.D

Acq: 4 Nov 2017 6:14

Tgt Ion:	276	Resp:	17145
Ion Ratio	Lower	Upper	
276	100		
277	27.8	17.9	26.9#
138	37.9	21.8	32.8#

