

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103510.D
 Acq On : 7 Mar 2018 19:19
 Operator : SJ/JU
 Sample : J1808-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-05-10

Manual Integrations
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 3/8/2018 4:43:12 PM

Quant Time: Mar 08 04:31:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 07 11:40:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	141649	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	594390	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	223015	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	321603	20.00	ng	0.00
75) Chrysene-d12	14.06	240	216905	20.00	ng	0.00
86) Perylene-d12	15.56	264	168184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	906568	96.80	ng	0.00
7) Phenol-d6	6.50	99	1181184	103.07	ng	0.00
23) Nitrobenzene-d5	7.43	82	744692	71.55	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	153161	81.14	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	985085	73.70	ng	0.00
78) Terphenyl-d14	12.98	244	608002	67.38	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	95014	5.311	ng	99
70) Phenanthrene	11.43	178	46559	2.631	ng	98
74) Fluoranthene	12.62	202	68272	3.839	ng	98
77) Pyrene	12.85	202	66402	3.927	ng	98
80) Benzo(a)anthracene	14.04	228	29923	2.126	ng	97
87) Benzo(b)fluoranthene	15.12	252	27750m	2.510	ng	
89) Benzo(a)pyrene	15.50	252	20638	2.090	ng	# 87

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

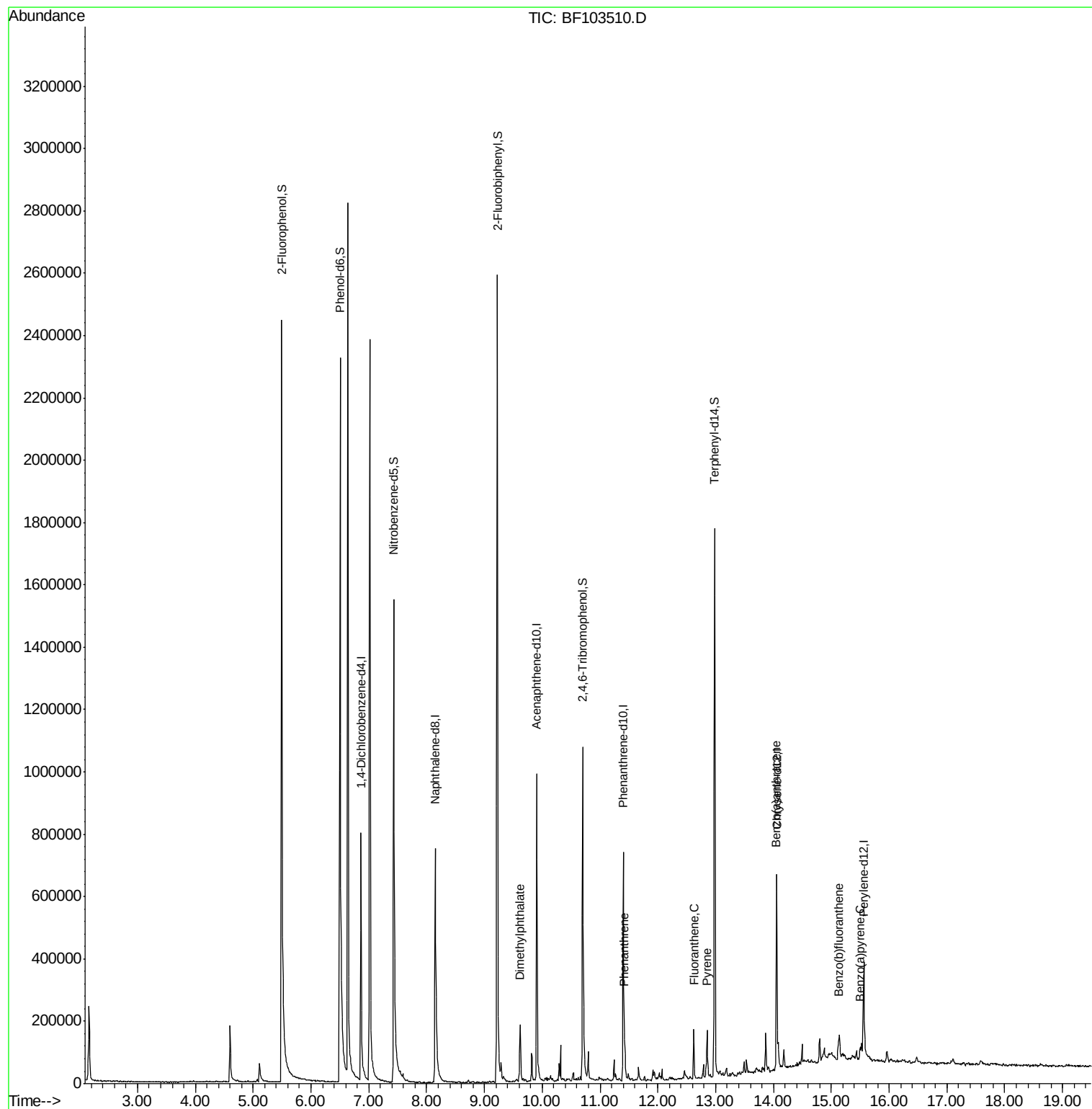
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
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Operator : SJ/JU
Sample : J1808-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

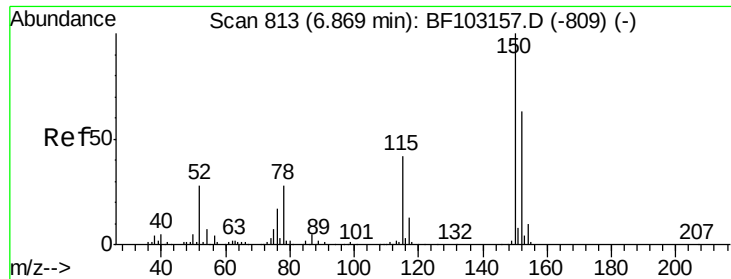
Instrument :
BNA_F
ClientSampleId :
SB-06-05-10

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#1

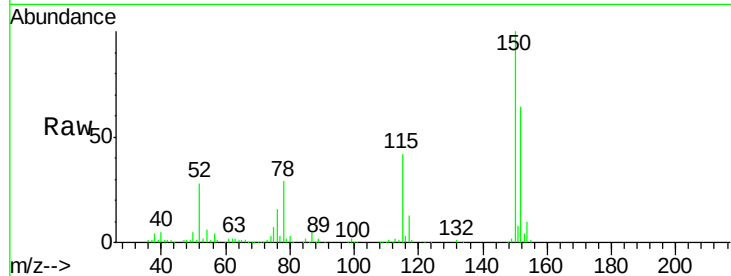
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103510.D
Acq: 7 Mar 2018 19:19

Instrument :
BNA_F
ClientSampleId :
SB-06-05-10

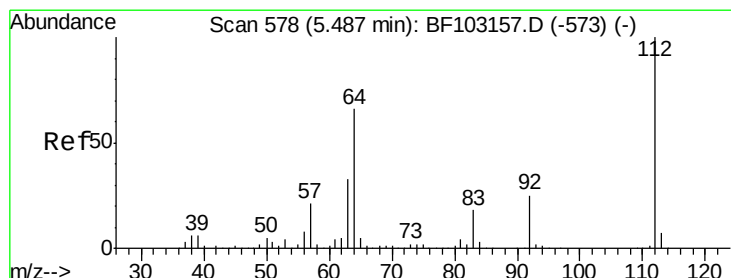
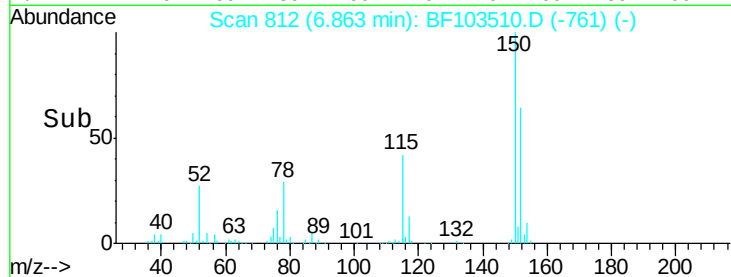
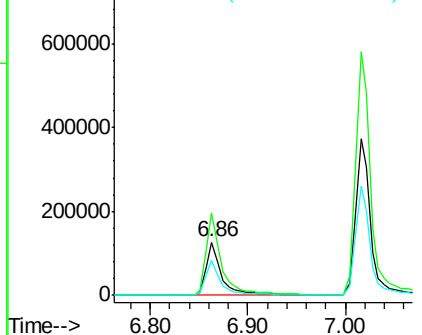
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	65.0	50.1	75.1

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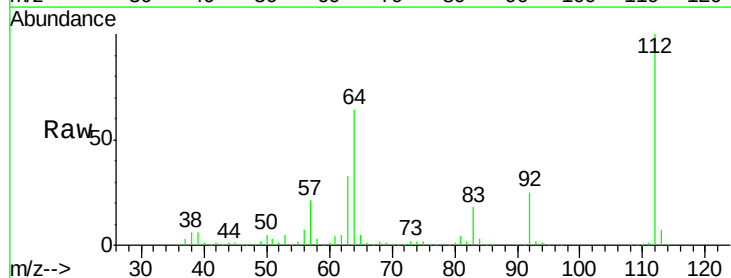
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



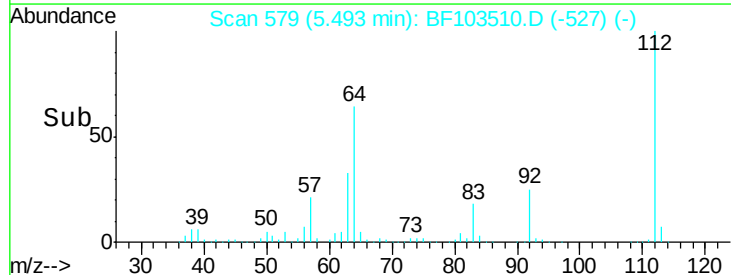
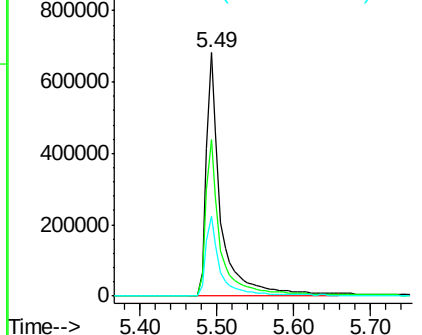
#5

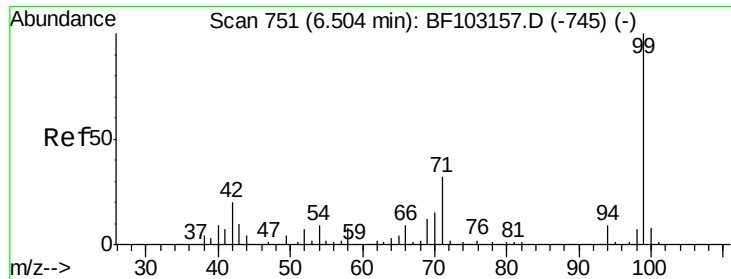
2-Fluorophenol
Concen: 96.797 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103510.D
Acq: 7 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	47.9	71.9
63	32.9	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: 103.068 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103510.D

Acq: 7 Mar 2018 19:19

Instrument :

BNA_F

ClientSampled :

SB-06-05-10

Tot Ion: 99 Resp: 1181184

Ion Ratio Lower Upper

99 100

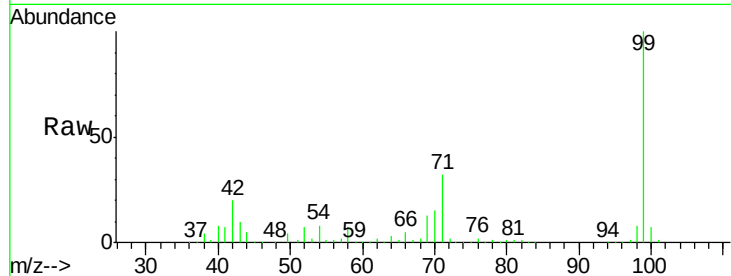
42 20.0 14.5 21.7

71 32.0 25.4 38.0

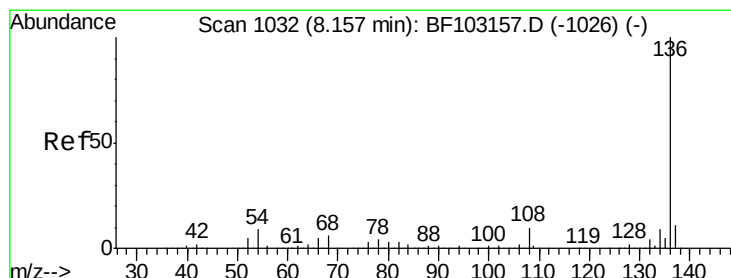
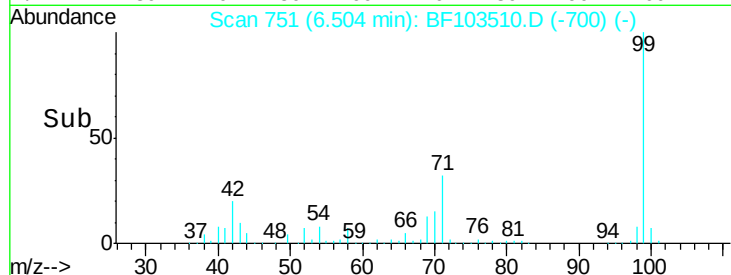
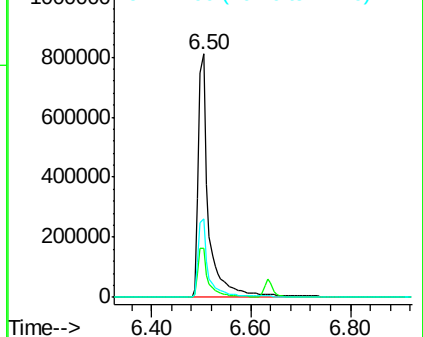
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103510.D

Acq: 7 Mar 2018 19:19

Tgt Ion: 136 Resp: 594390

Ion Ratio Lower Upper

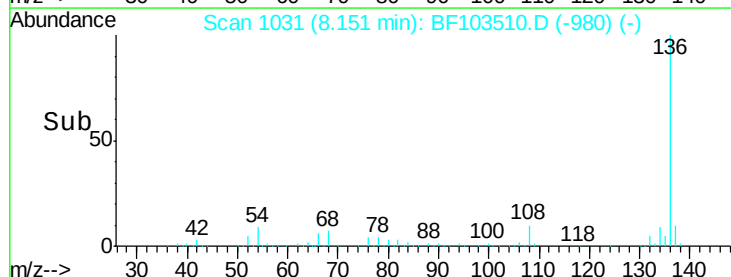
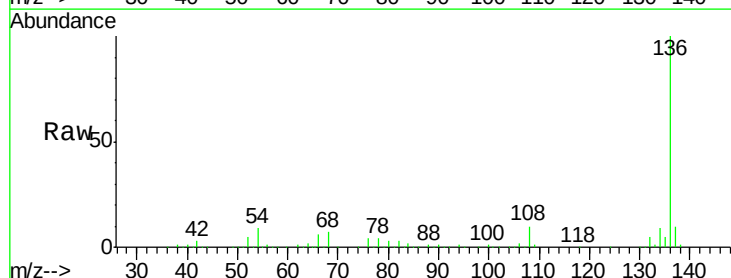
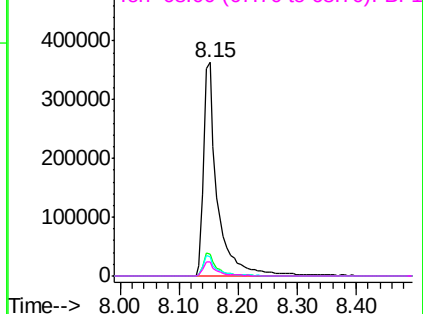
136 100

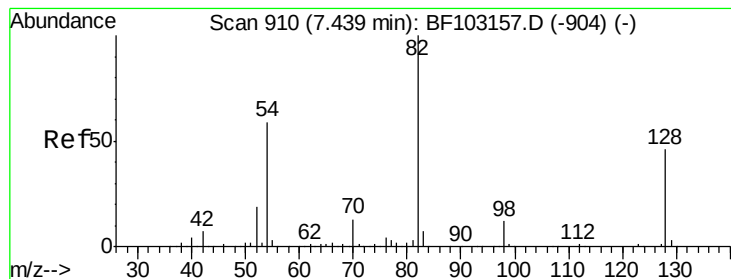
137 10.4 8.9 13.3

54 9.1 6.6 9.8

68 6.7 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 71.549 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103510.D

Acq: 7 Mar 2018 19:19

Instrument :

BNA_F

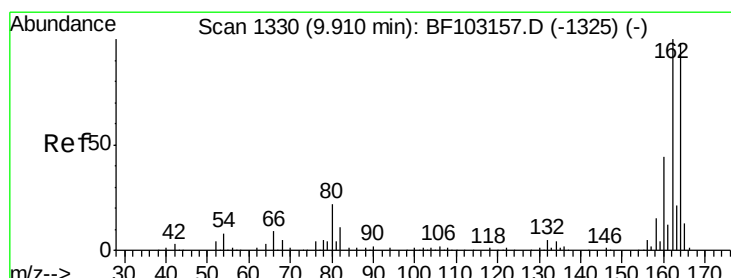
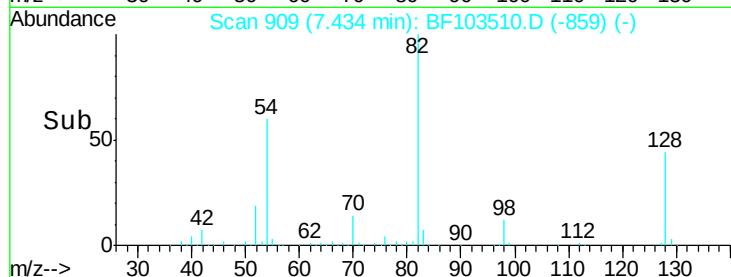
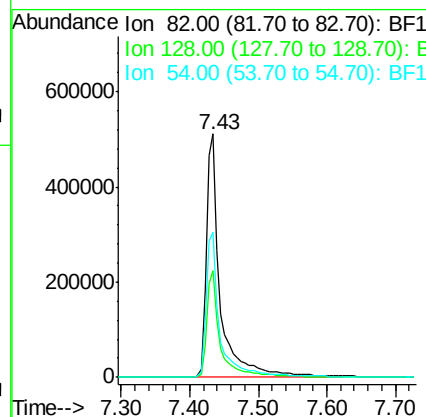
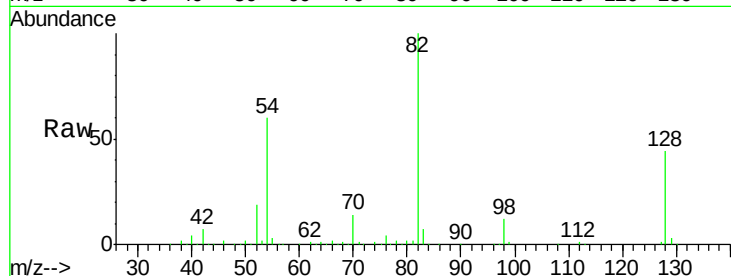
ClientSampleId :

SB-06-05-10

Tot Ion:	82	Resp:	744692
Ion Ratio	Lower	Upper	
82	100		
128	43.9	36.1	54.1
54	59.6	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

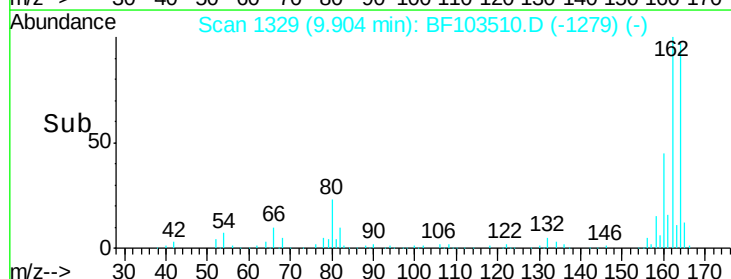
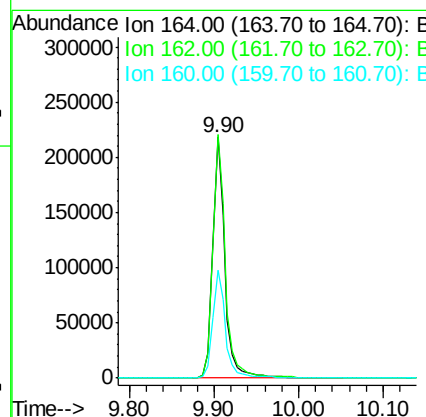
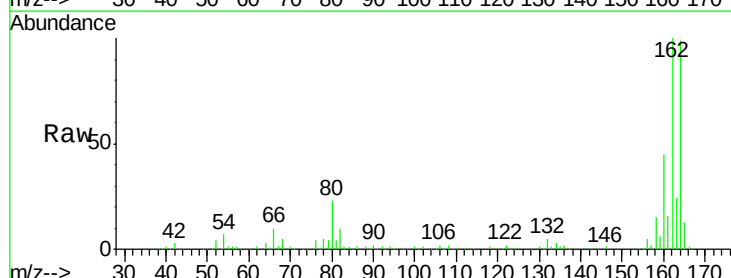
RT: 9.90 min Scan# 1329

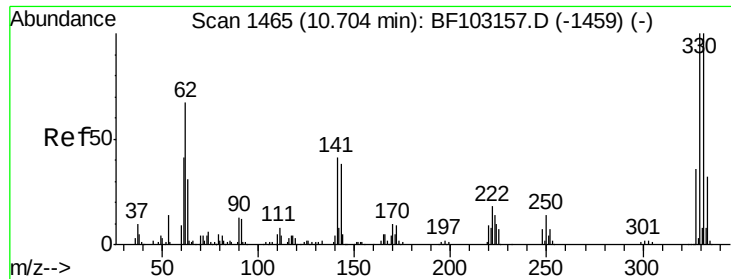
Delta R.T. -0.01 min

Lab File: BF103510.D

Acq: 7 Mar 2018 19:19

Tgt Ion:	164	Resp:	223015
Ion Ratio	Lower	Upper	
164	100		
162	101.2	86.1	129.1
160	45.1	38.3	57.5





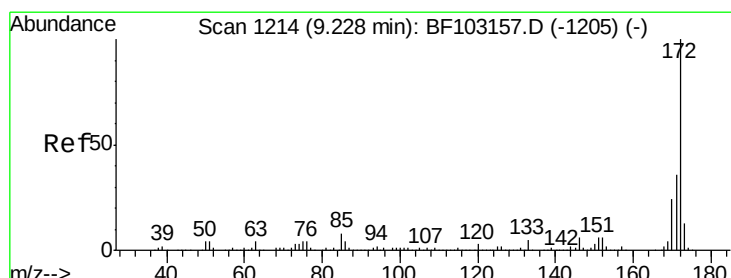
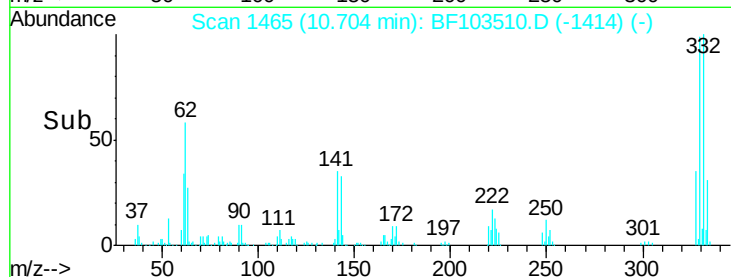
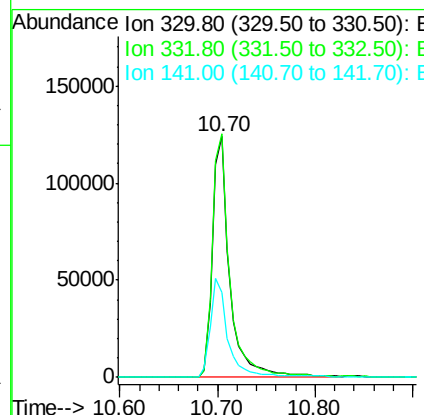
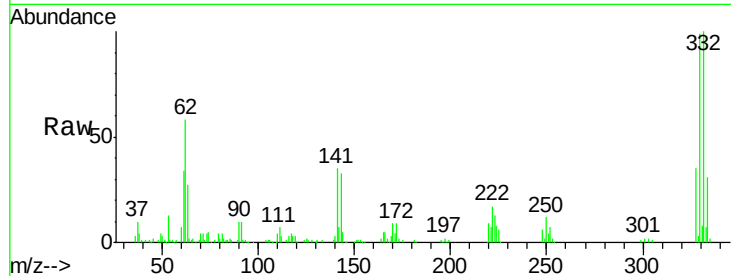
#41
 2,4,6-Tribromophenol
 Concen: 81.136 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103510.D
 Acq: 7 Mar 2018 19:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-05-10

Tot Ion	Ratio	Resp	Lower	Upper
330	100	153161		
332	102.2	77.0	115.6	
141	42.6	29.9	44.9	

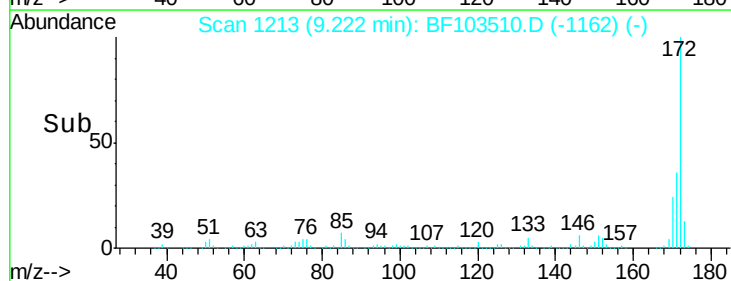
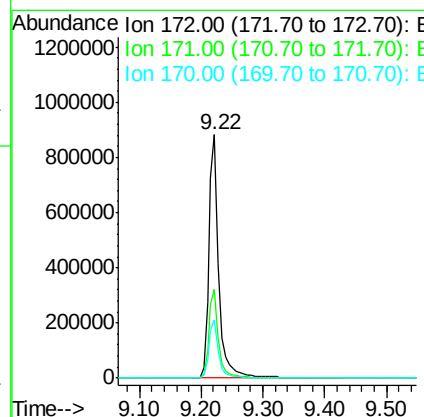
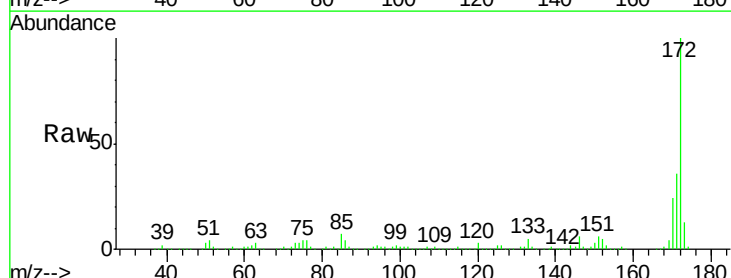
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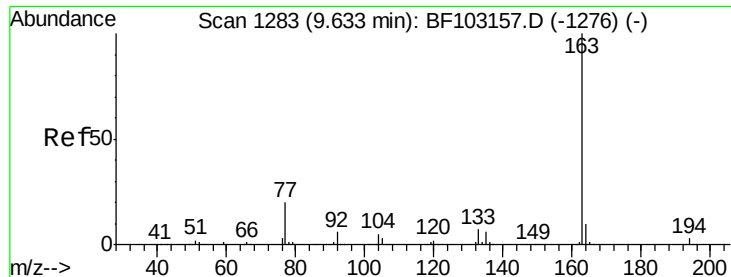
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#44
 2-Fluorobiphenyl
 Concen: 73.701 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103510.D
 Acq: 7 Mar 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	985085		
171	36.4	29.7	44.5	
170	23.9	19.6	29.4	





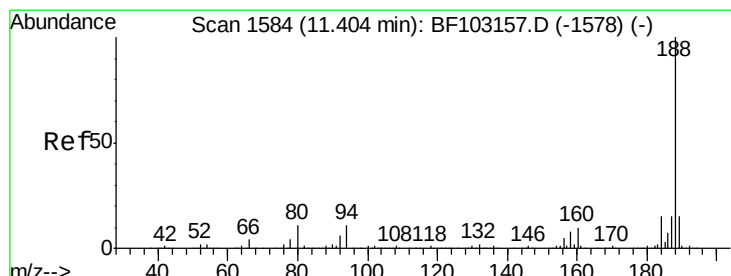
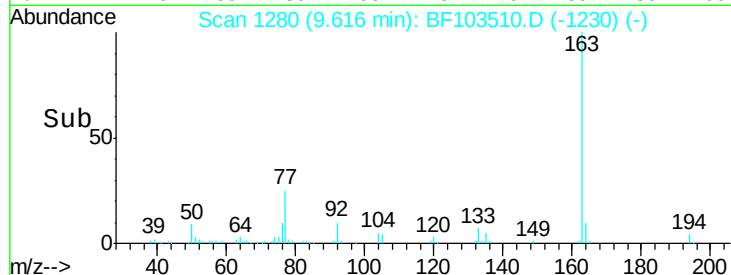
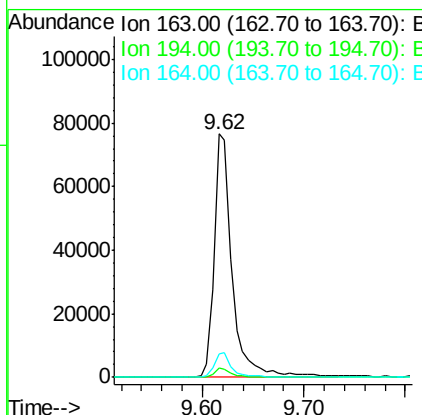
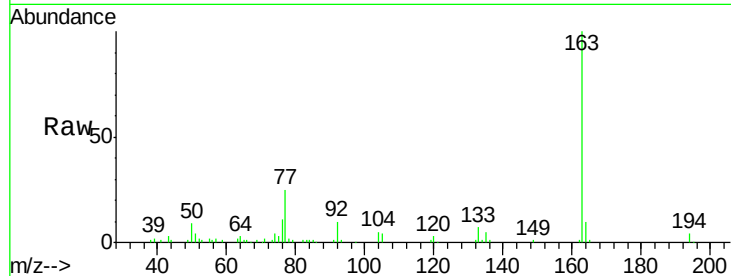
#49
Dimethylphthalate
Concen: 5.311 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF103510.D
Acq: 7 Mar 2018 19:19

Instrument :
BNA_F
ClientSampled :
SB-06-05-10

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.9	8.2	12.2

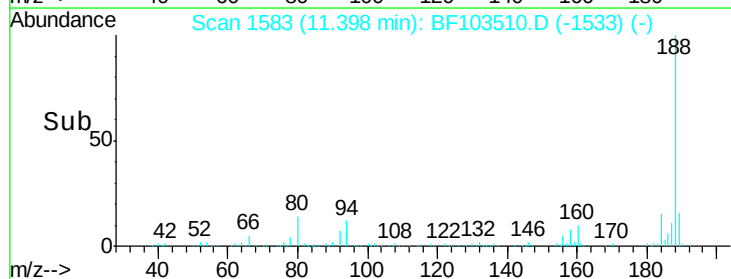
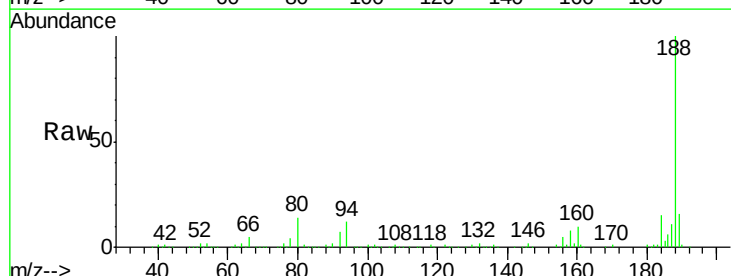
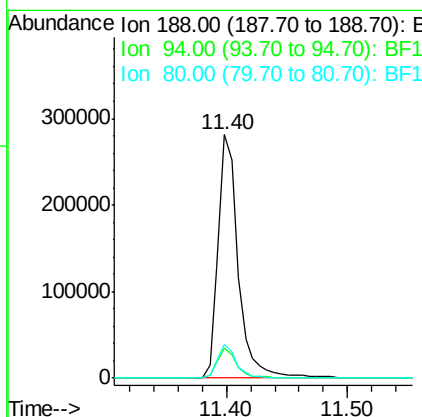
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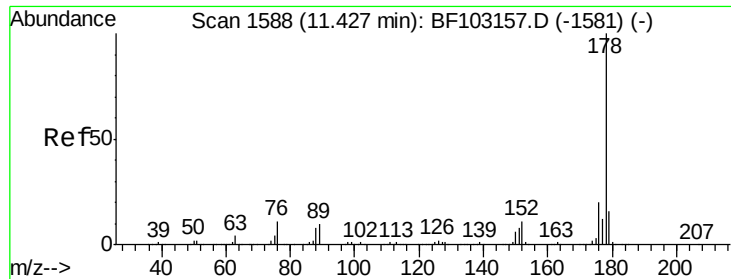
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103510.D
Acq: 7 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	8.5	12.7
80	13.7	9.2	13.8





#70

Phenanthrene

Concen: 2.631 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF103510.D

Acq: 7 Mar 2018 19:19

Instrument :

BNA_F

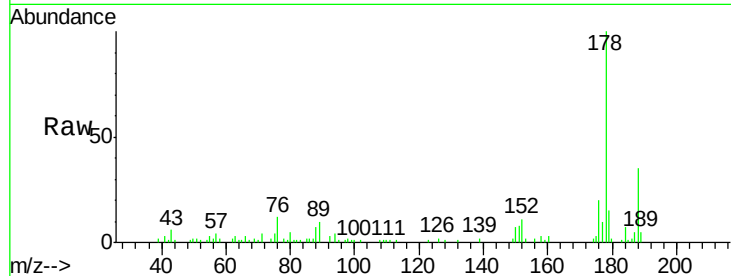
ClientSampleId :

SB-06-05-10

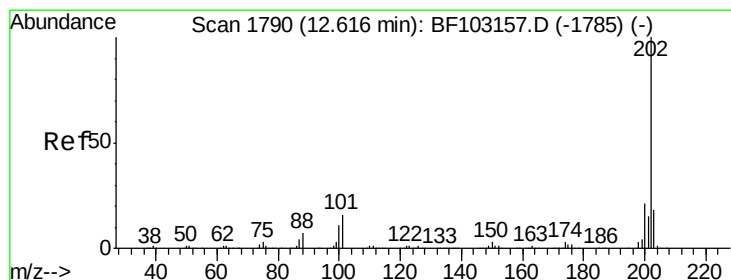
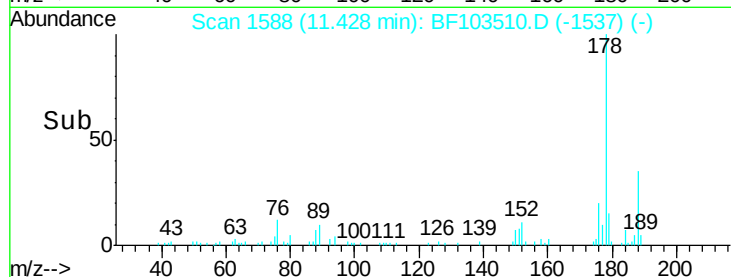
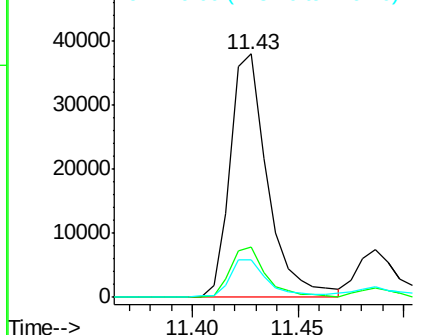
Tot Ion:	178	Resp:	46559
Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	15.2	13.0	19.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.839 ng

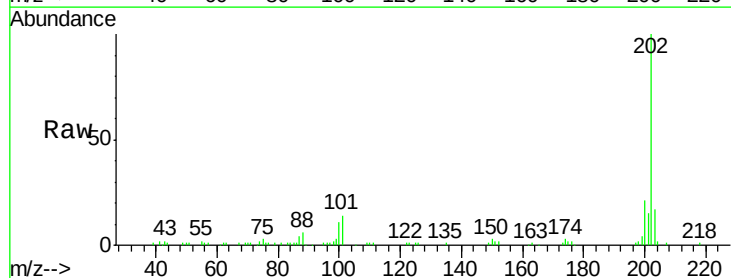
RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

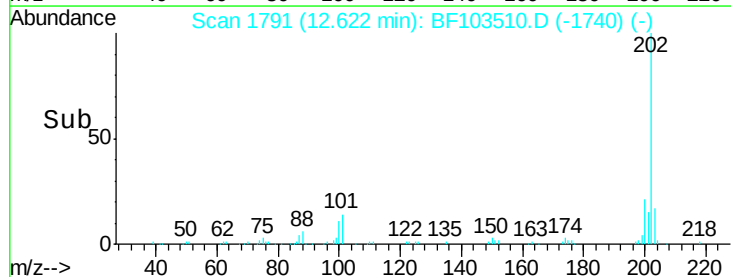
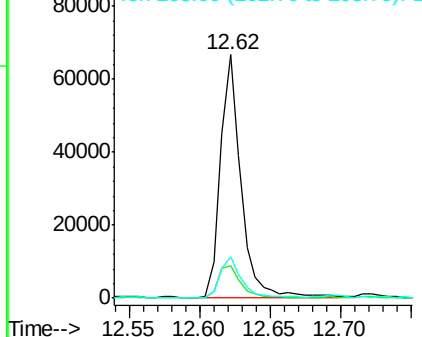
Lab File: BF103510.D

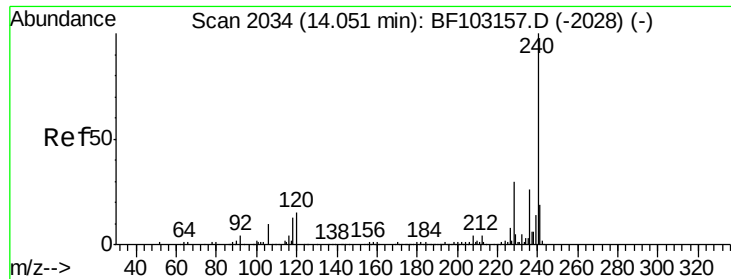
Acq: 7 Mar 2018 19:19

Tgt Ion:	202	Resp:	68272
Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.1
203	17.2	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103510.D

Acq: 7 Mar 2018 19:19

Instrument :

BNA_F

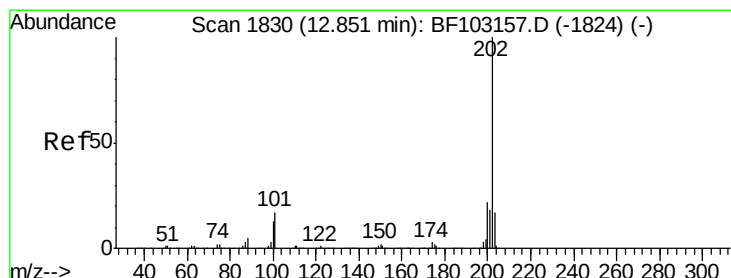
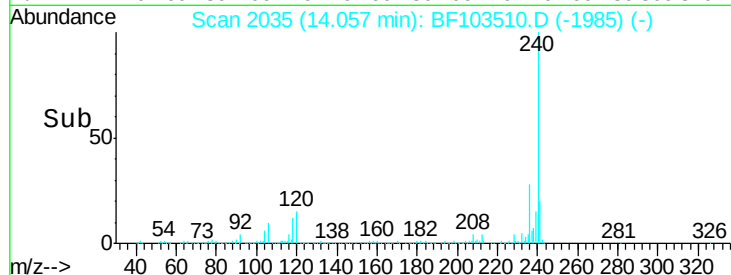
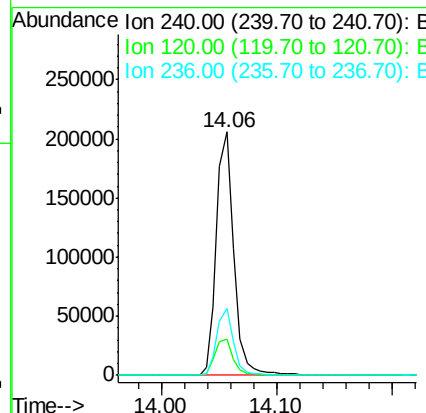
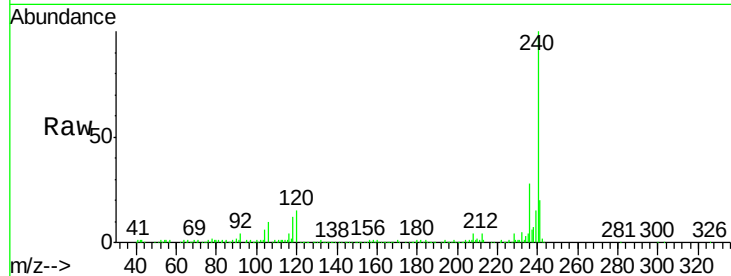
ClientSampled :

SB-06-05-10

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3
236	27.5	20.7	31.1

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#77

Pyrene

Concen: 3.927 ng

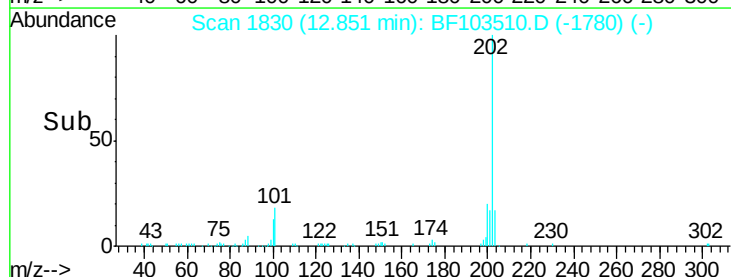
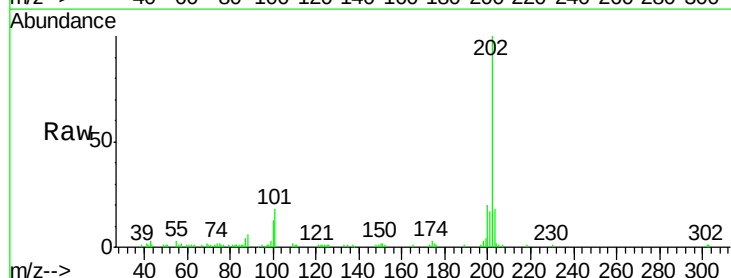
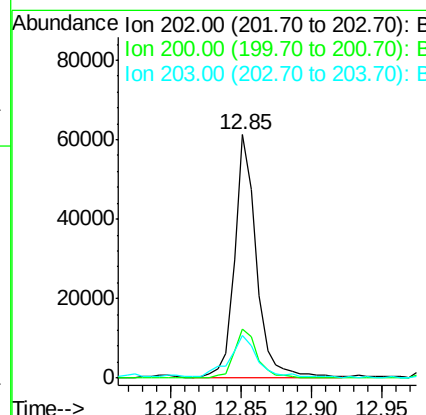
RT: 12.85 min Scan# 1830

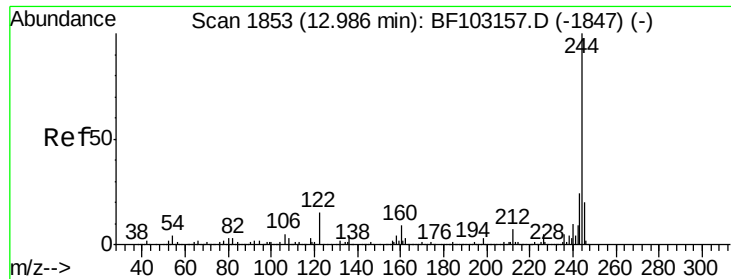
Delta R.T. -0.01 min

Lab File: BF103510.D

Acq: 7 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	17.6	14.3	21.5





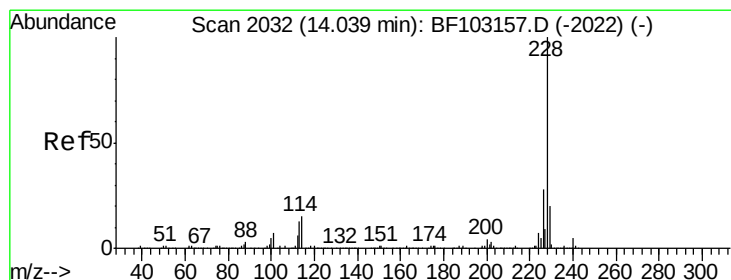
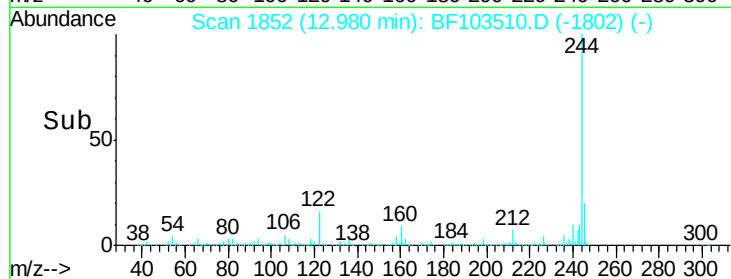
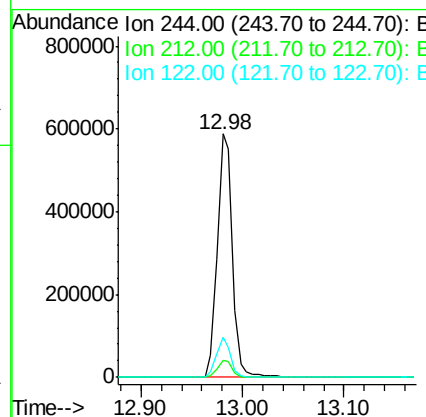
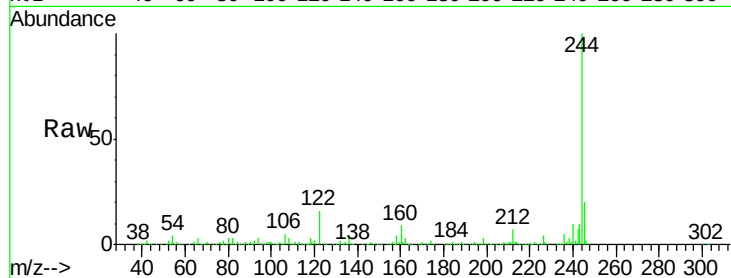
#78
 Terphenyl-d14
 Concen: 67.382 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103510.D
 Acq: 7 Mar 2018 19:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-05-10

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	16.3	11.0	16.4

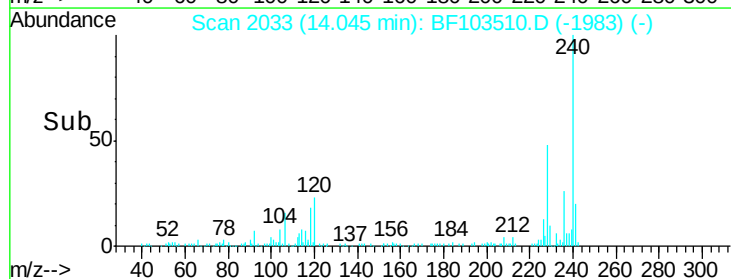
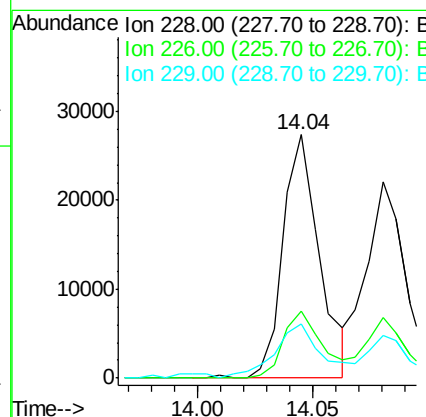
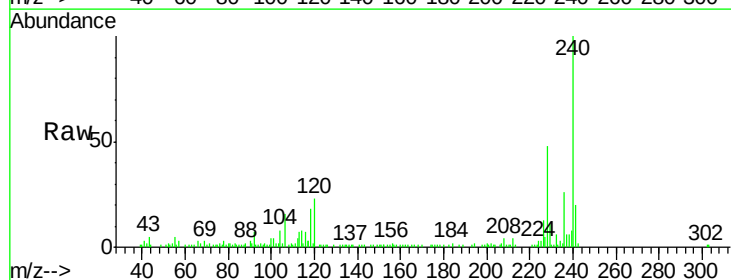
Manual Integrations
 APPROVED

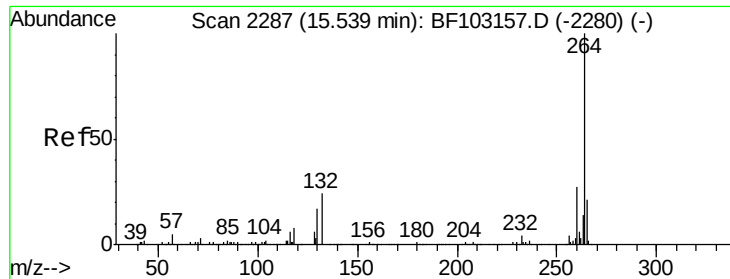
Sohil
 3/8/2018 4:43:12 PM



#80
 Benzo(a)anthracene
 Concen: 2.126 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF103510.D
 Acq: 7 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	22.2	15.8	23.6





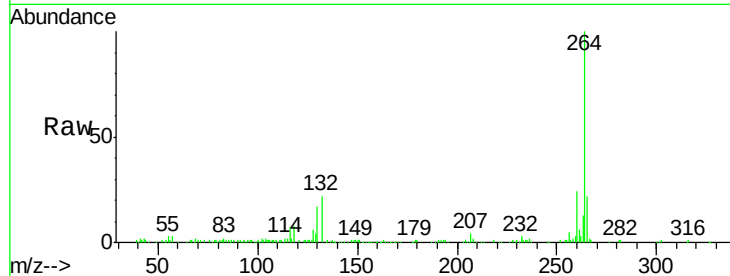
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BF103510.D
Acq: 7 Mar 2018 19:19

Instrument :
BNA_F
ClientSampleId :
SB-06-05-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.7	17.5	26.3

Manual Integrations
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Sohil
3/8/2018 4:43:12 PM

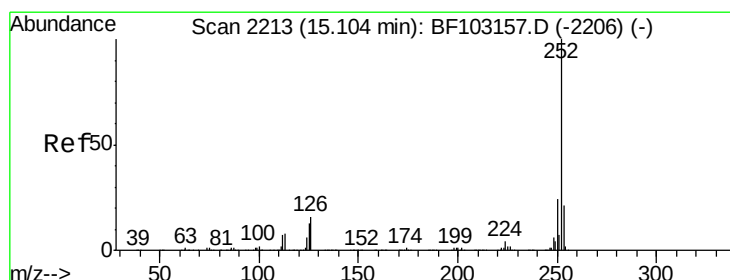
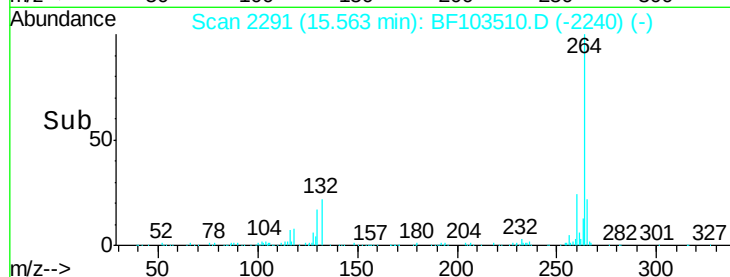
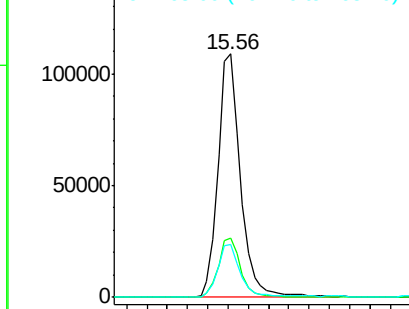


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 2.510 ng m
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103510.D
Acq: 7 Mar 2018 19:19

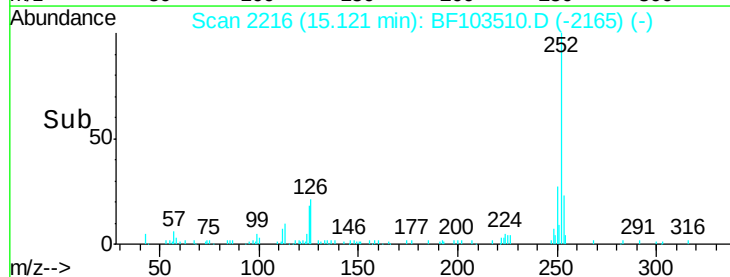
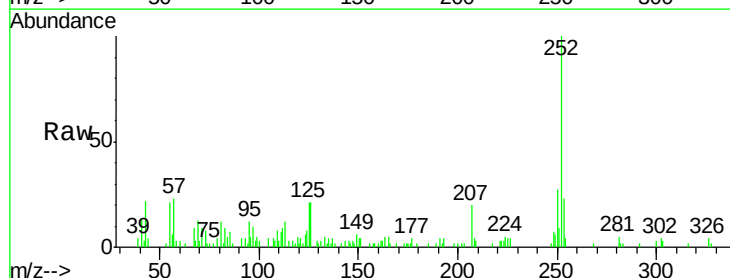
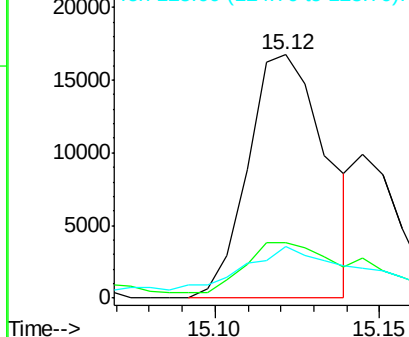
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	21.2	9.0	13.6#

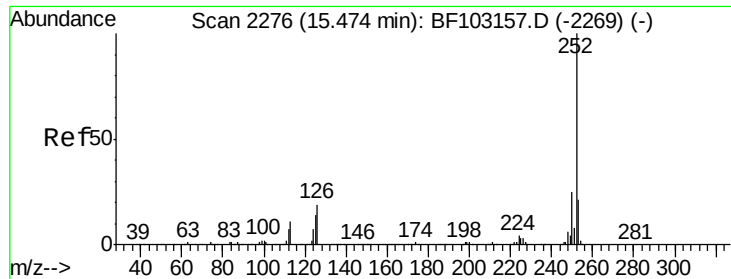
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89
 Benzo(a)pyrene
 Concen: 2.090 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF103510.D
 Acq: 7 Mar 2018 19:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-05-10

Tot Ion:	252	Resp:	20638
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.1	25.7
125	21.4	9.8	14.6

Manual Integrations
 APPROVED

Sohil
 3/8/2018 4:43:12 PM

