

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101859.D
 Acq On : 3 Jan 2018 14:56
 Operator : SJ/JU
 Sample : I6680-23 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-122917-B

Manual Integrations
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 1/4/2018 1:56:20 PM

Quant Time: Jan 04 00:46:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	126692	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	446225	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	160606	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	272918	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	290715	20.00	ng	-0.02
86) Perylene-d12	15.42	264	309548	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	368953	43.38	ng	0.00
7) Phenol-d6	6.42	99	449176	42.43	ng	-0.01
23) Nitrobenzene-d5	7.35	82	270928	33.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	67410	43.56	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	445384	43.02	ng	-0.02
78) Terphenyl-d14	12.87	244	372963	30.93	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	41594	3.220	ng	99
74) Fluoranthene	12.52	202	63266	3.971	ng	98
77) Pyrene	12.75	202	69092	3.167	ng	98
80) Benzo(a)anthracene	13.94	228	46021m	2.397	ng	
82) Chrysene	13.98	228	45958	2.536	ng	96
87) Benzo(b)fluoranthene	15.00	252	63319m	3.356	ng	
89) Benzo(a)pyrene	15.36	252	44579	2.563	ng	# 85

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

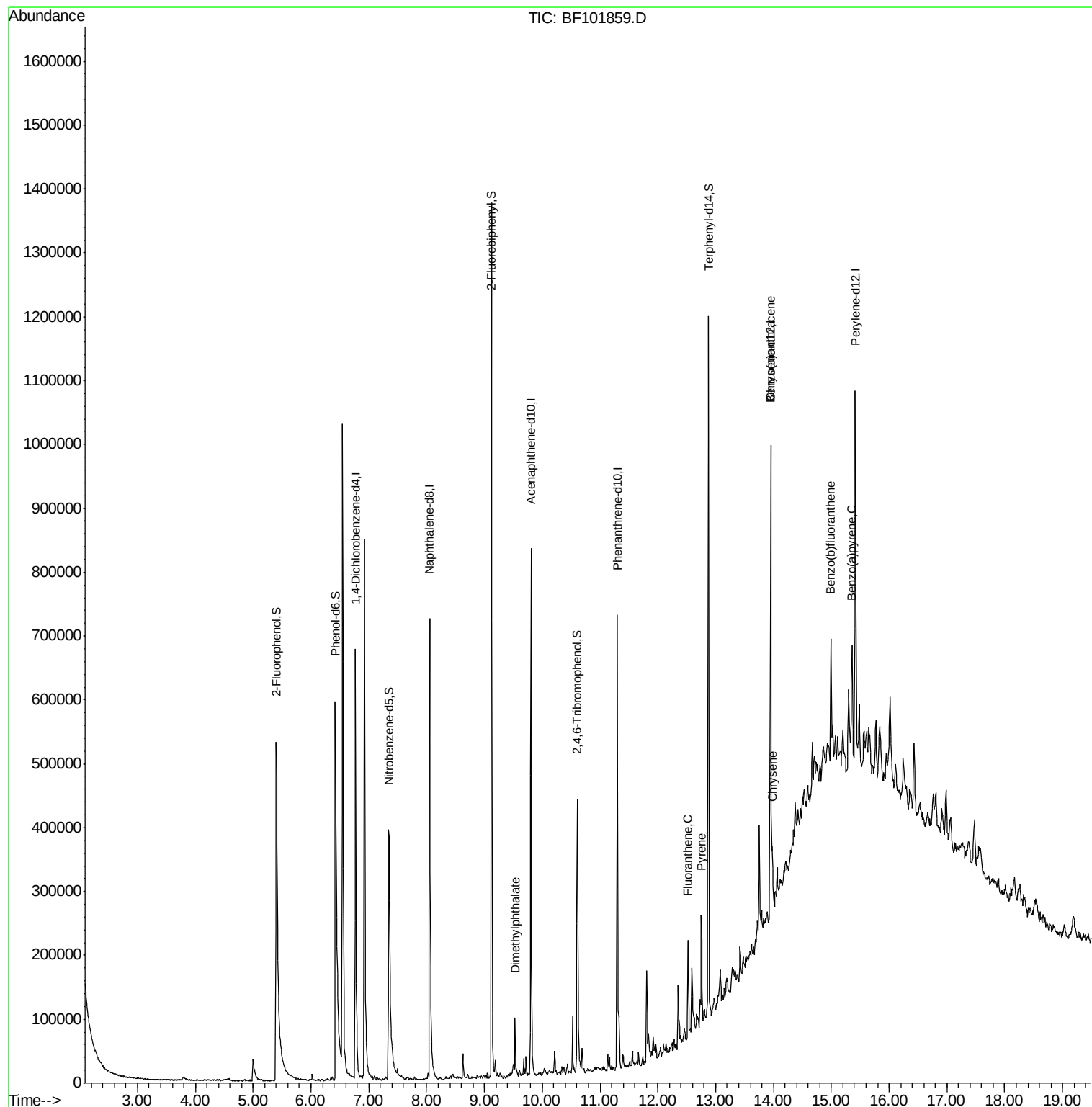
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

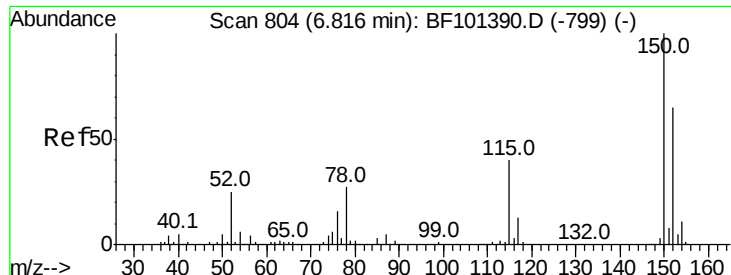
Instrument :
BNA_F
ClientSampleId :
CL-01-122917-B

Manual Integrations
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Quant Time: Jan 04 00:46:11 2018
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#1

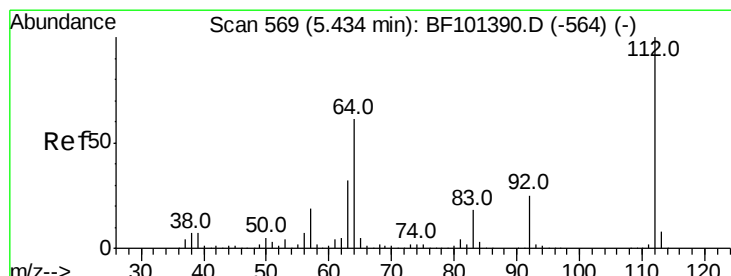
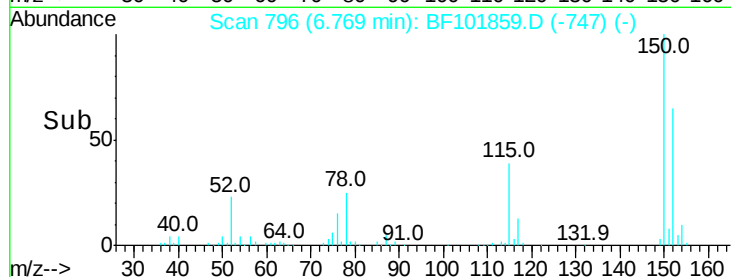
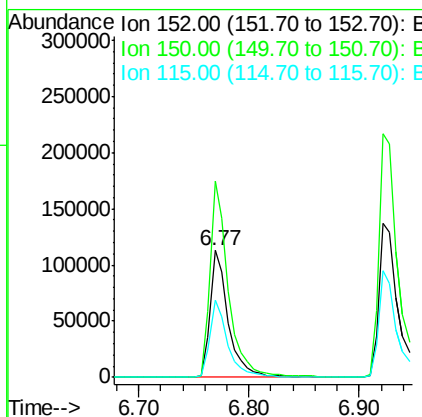
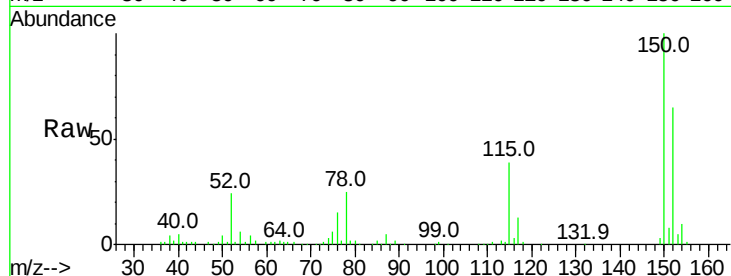
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Instrument :
BNA_F
ClientSampleId :
CL-01-122917-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	60.8	50.1	75.1

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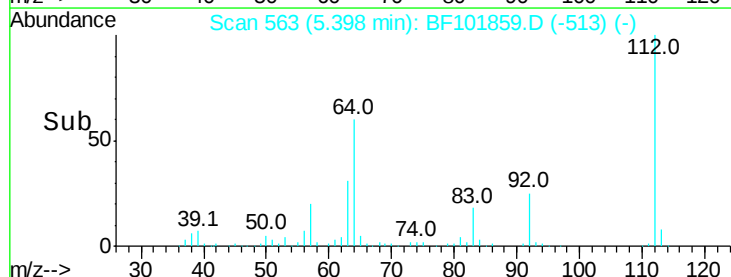
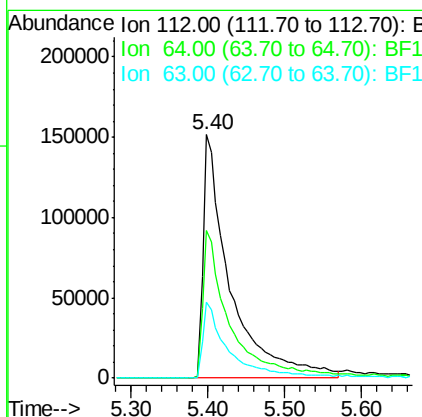
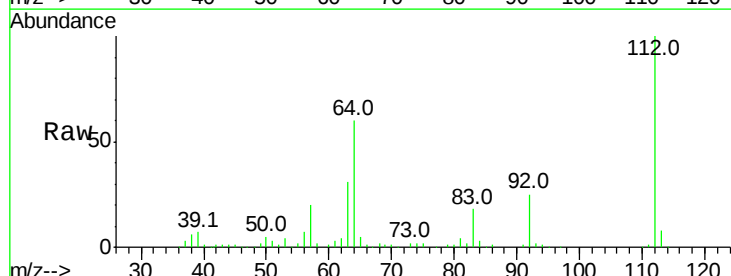
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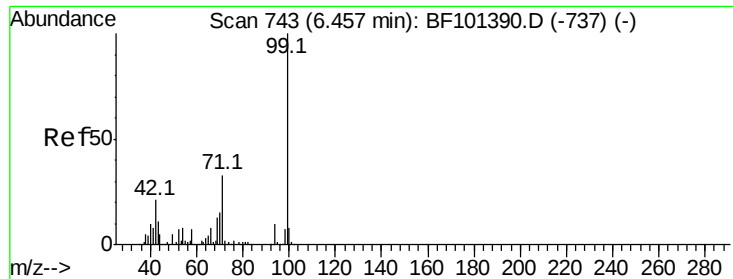


#5

2-Fluorophenol
Concen: 43.380 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	31.0	23.7	35.5





#7

Phenol-d6

Concen: 42.435 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF101859.D

Acq: 3 Jan 2018 14:56

Instrument :

BNA_F

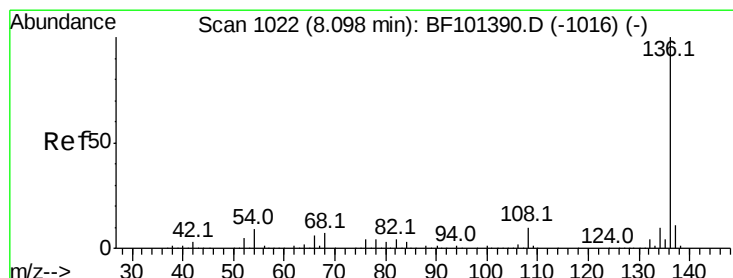
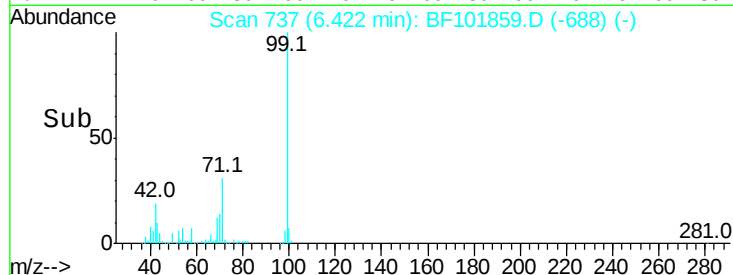
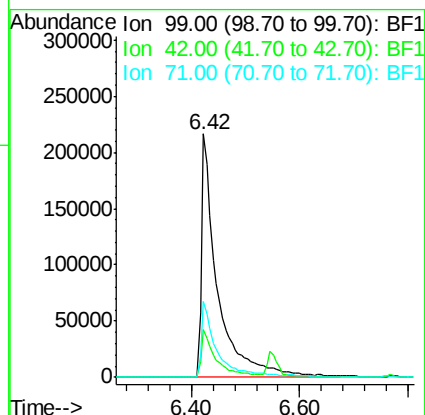
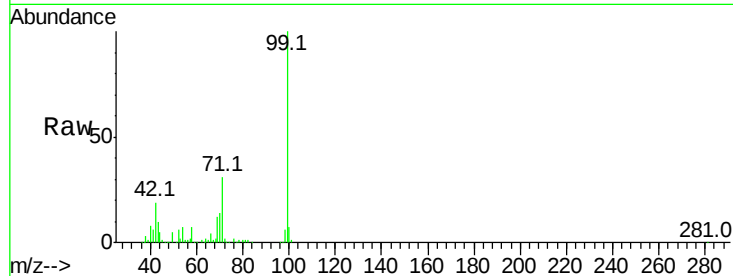
ClientSampleId :

CL-01-122917-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		449176		
42	19.4	14.5	21.7		
71	31.1	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

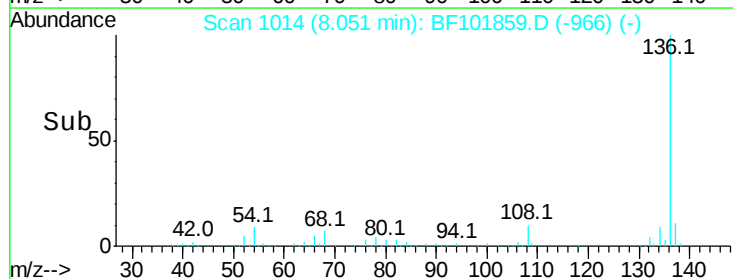
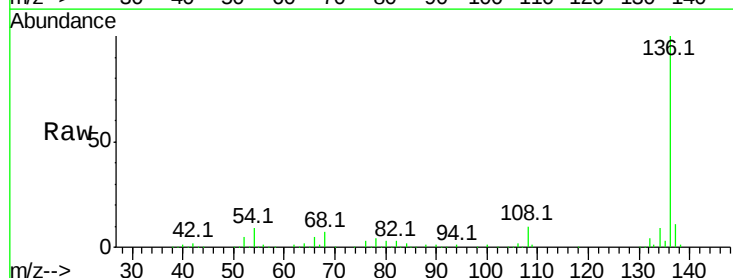
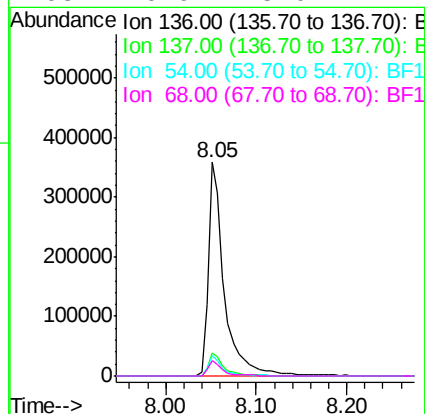
RT: 8.05 min Scan# 1014

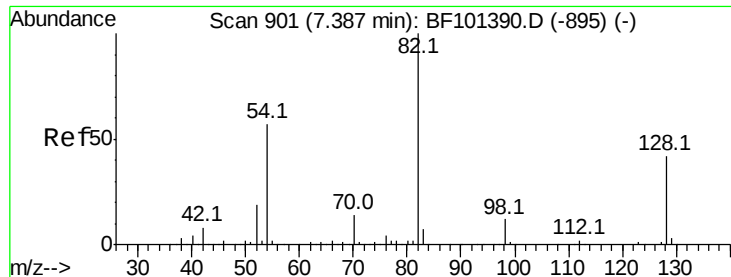
Delta R.T. -0.02 min

Lab File: BF101859.D

Acq: 3 Jan 2018 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		446225		
137	10.9	8.9	13.3		
54	9.4	6.6	9.8		
68	6.9	5.0	7.4		





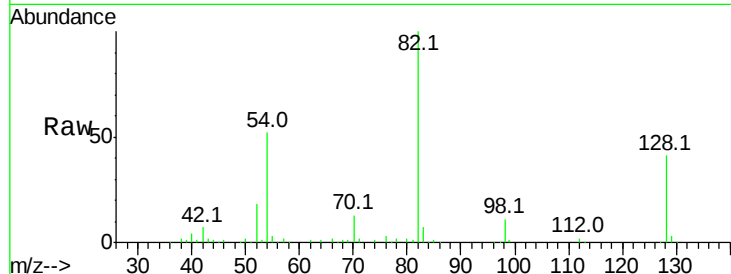
#23
Nitrobenzene-d5
Concen: 33.798 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Instrument :
BNA_F
ClientSampleId :
CL-01-122917-B

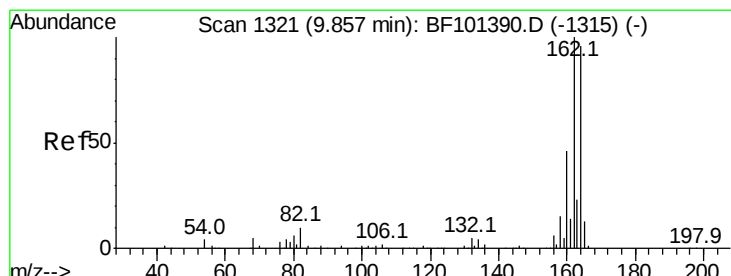
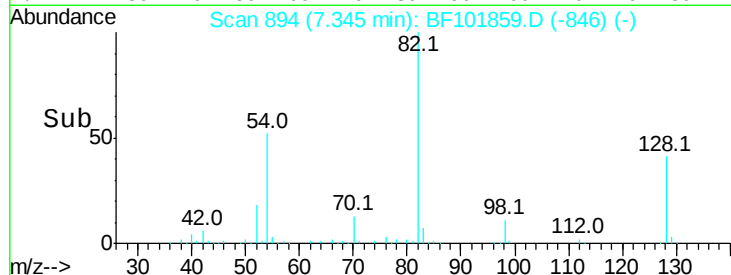
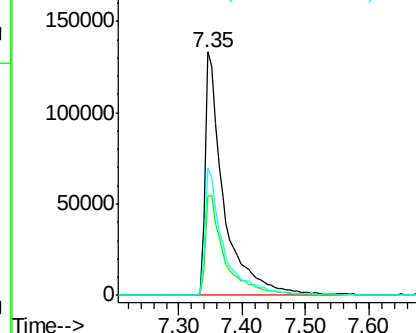
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	36.1	54.1
54	52.5	41.4	62.2

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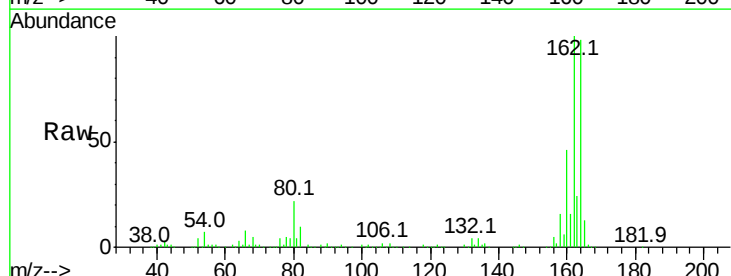


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

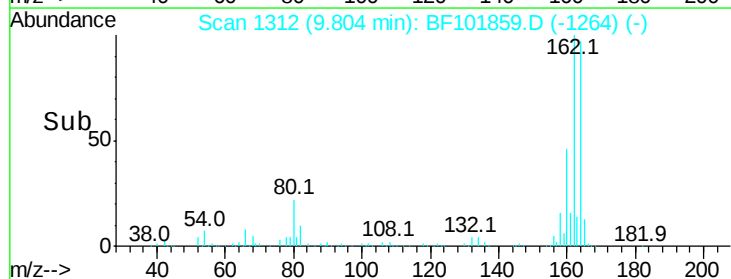
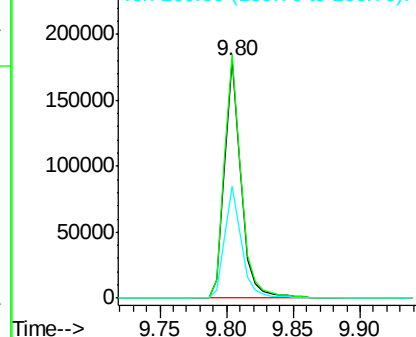


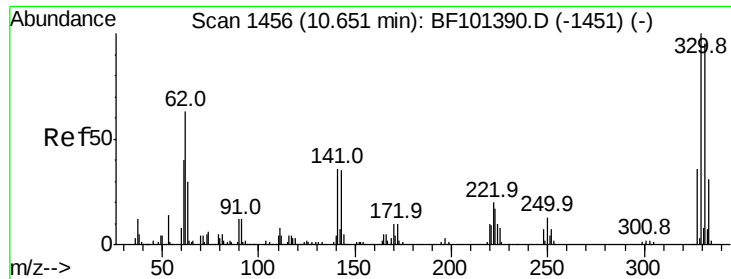
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	46.9	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 43.559 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF101859.D

Acq: 3 Jan 2018 14:56

Instrument :

BNA_F

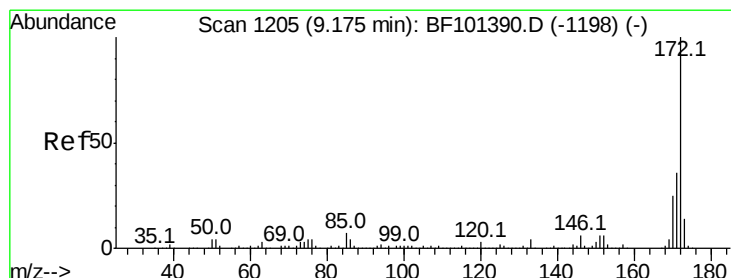
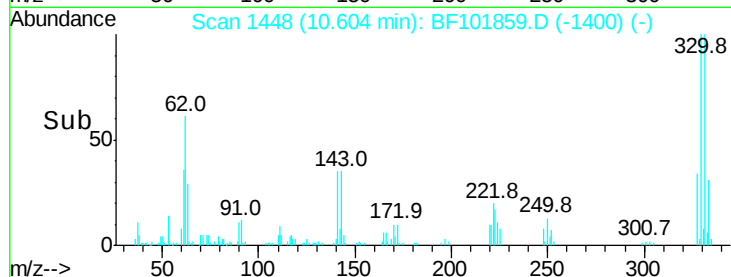
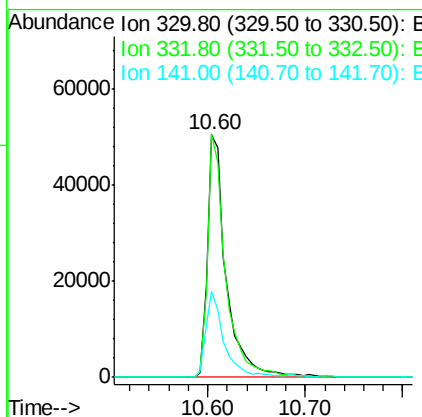
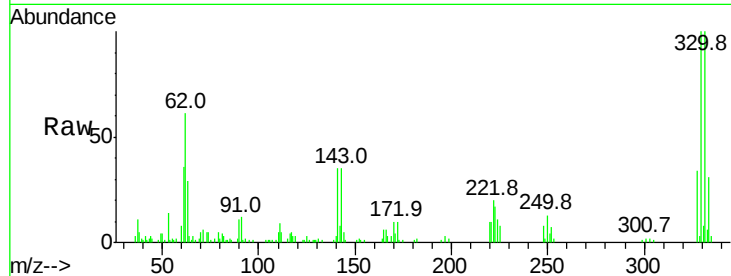
ClientSampleId :

CL-01-122917-B

Tot Ion:	330	Resp:	67410
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.0	115.6
141	34.6	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 43.018 ng

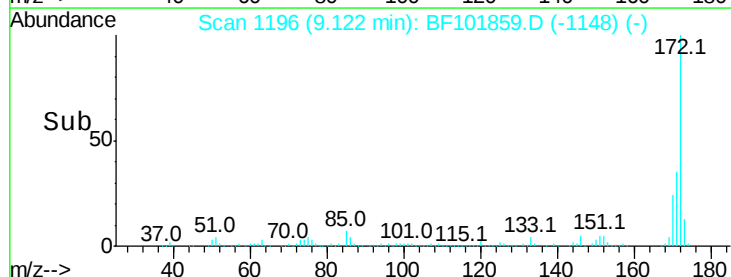
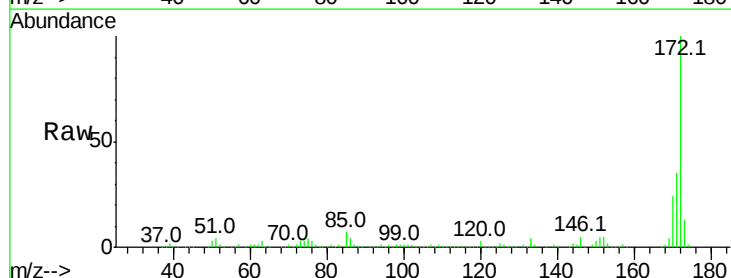
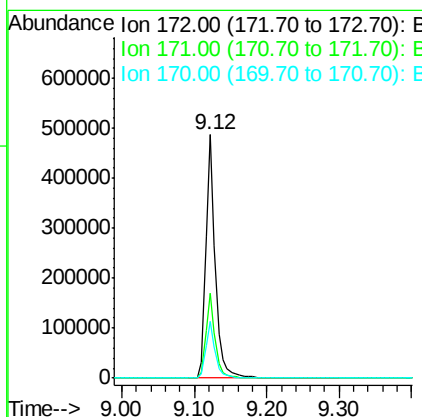
RT: 9.12 min Scan# 1196

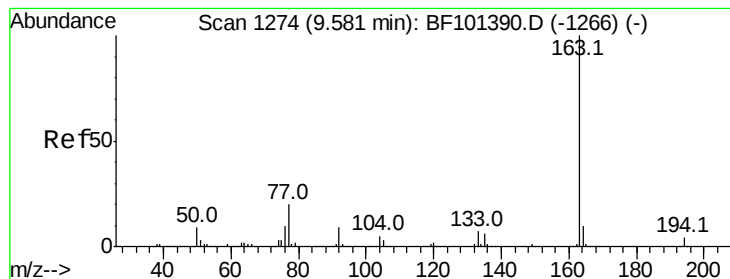
Delta R.T. -0.02 min

Lab File: BF101859.D

Acq: 3 Jan 2018 14:56

Tgt Ion:	172	Resp:	445384
Ion Ratio	Lower	Upper	
172	100		
171	35.0	29.7	44.5
170	23.6	19.6	29.4





#49

Dimethylphthalate

Concen: 3.220 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF101859.D

Acq: 3 Jan 2018 14:56

Instrument :

BNA_F

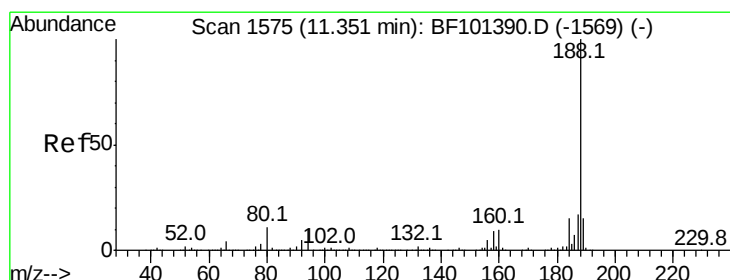
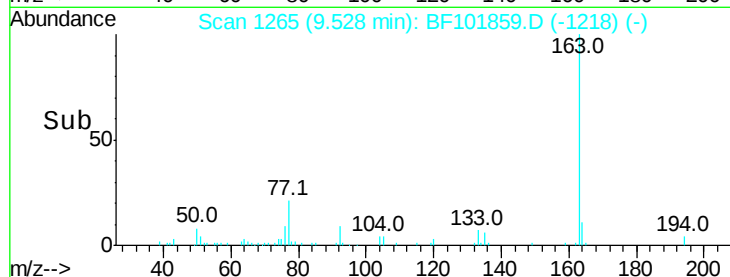
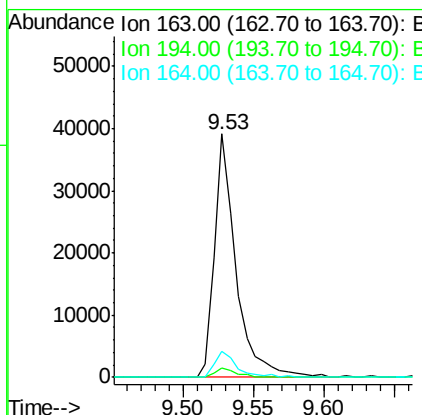
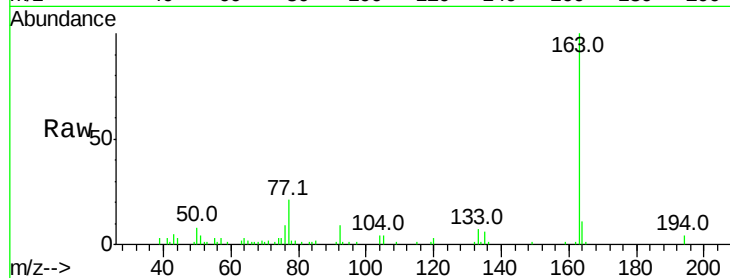
ClientSampleId :

CL-01-122917-B

Tot Ion:	163	Resp:	41594
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.7	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

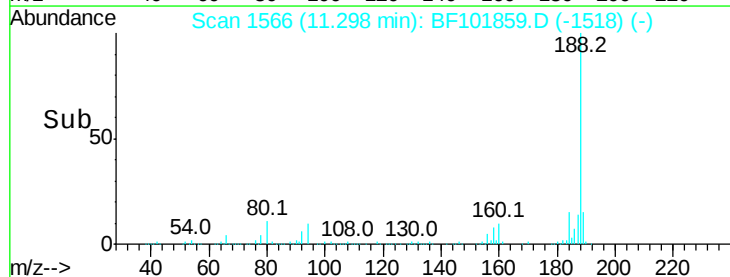
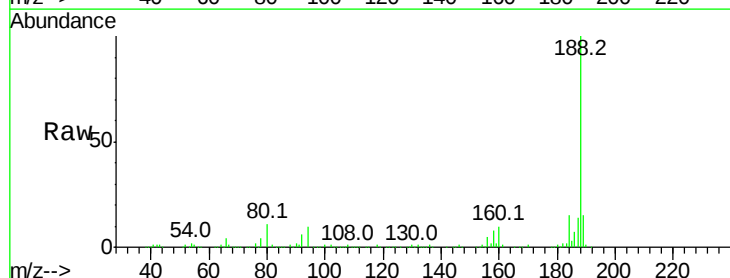
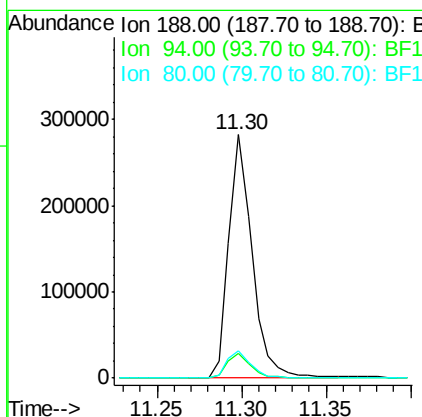
RT: 11.30 min Scan# 1566

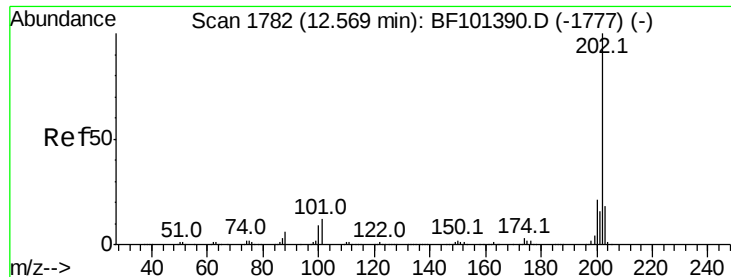
Delta R.T. -0.02 min

Lab File: BF101859.D

Acq: 3 Jan 2018 14:56

Tgt Ion:	188	Resp:	272918
Ion Ratio	Lower	Upper	
188	100		
94	10.4	8.5	12.7
80	11.1	9.2	13.8





#74

Fluoranthene

Concen: 3.971 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF101859.D

Acq: 3 Jan 2018 14:56

Instrument :

BNA_F

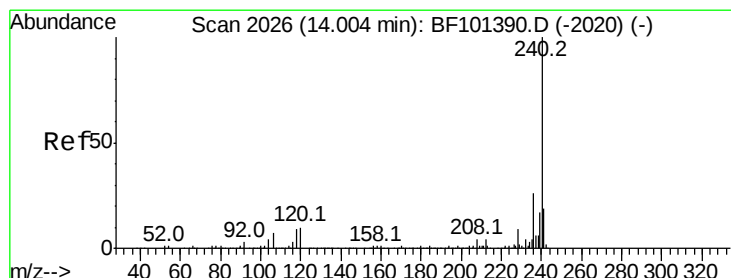
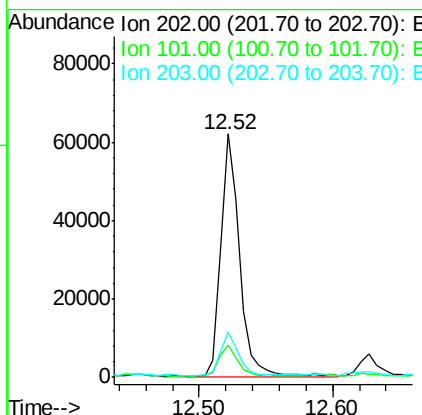
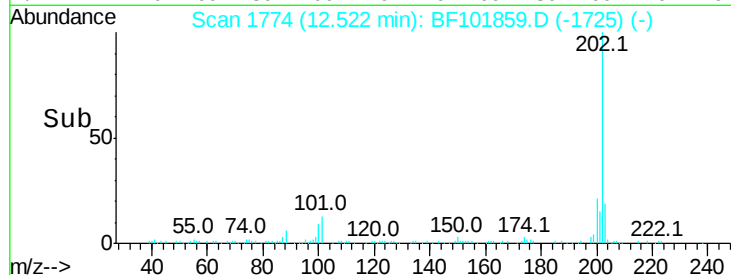
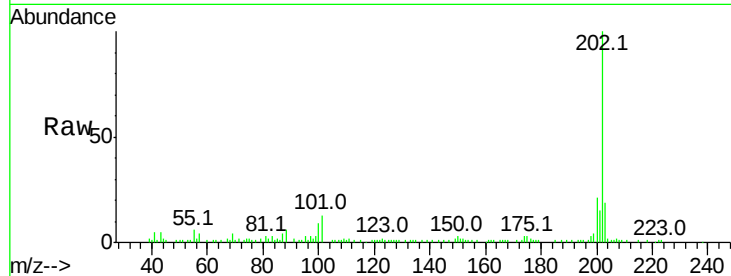
ClientSampleId :

CL-01-122917-B

Tot Ion:	202	Resp:	63266
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	34.1
203	18.8	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

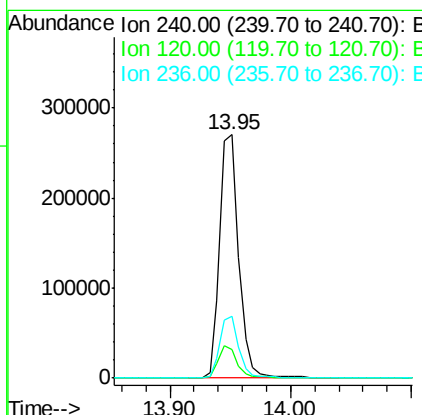
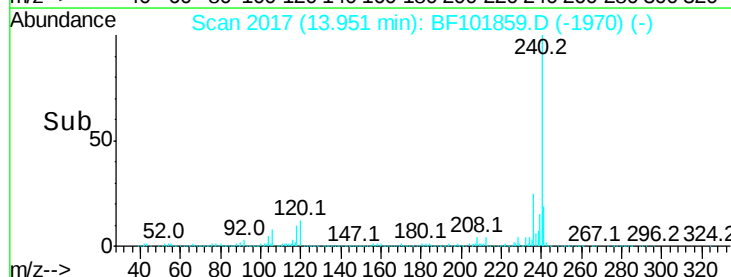
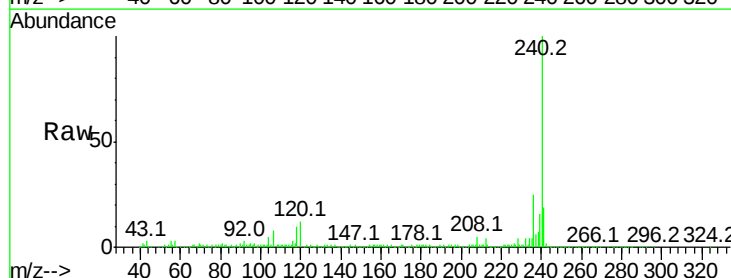
RT: 13.95 min Scan# 2017

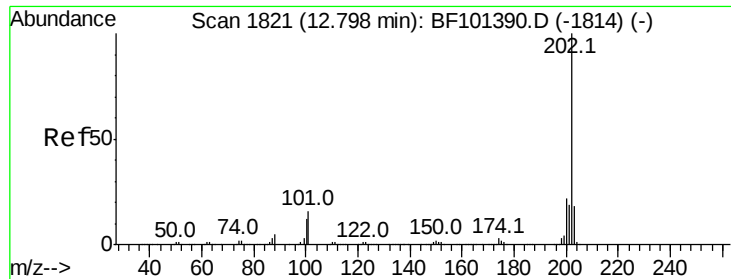
Delta R.T. -0.02 min

Lab File: BF101859.D

Acq: 3 Jan 2018 14:56

Tgt Ion:	240	Resp:	290715
Ion Ratio	Lower	Upper	
240	100		
120	12.0	9.5	14.3
236	25.2	20.7	31.1





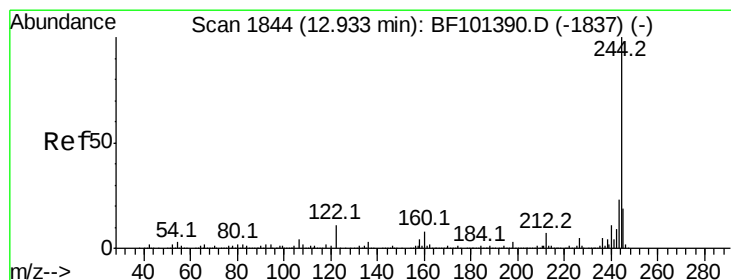
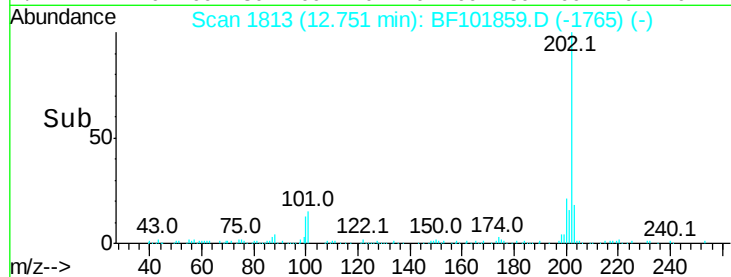
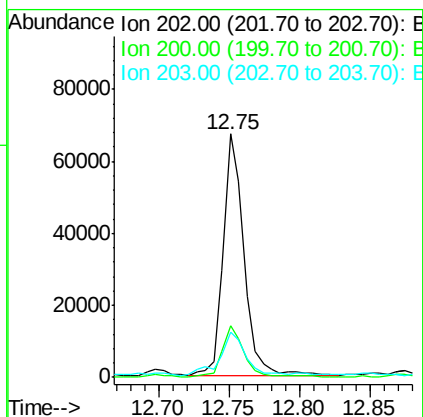
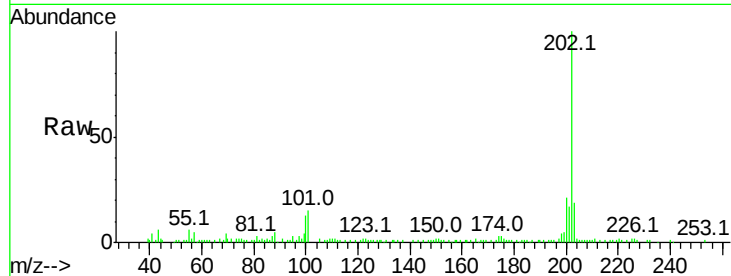
#77
Pvrene
Concen: 3.167 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Instrument :
BNA_F
ClientSampleId :
CL-01-122917-B

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	18.6	14.3	21.5

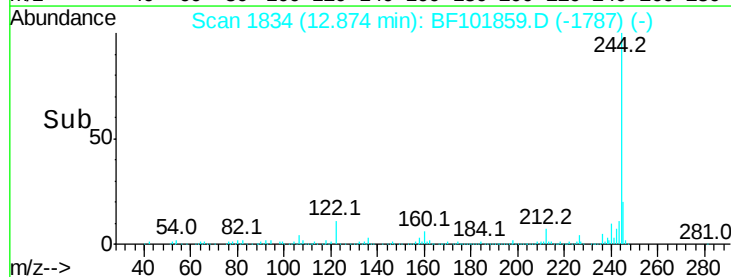
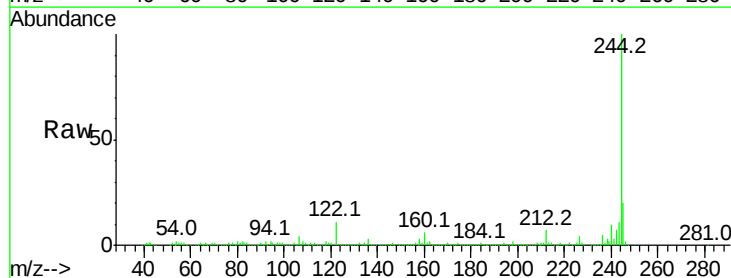
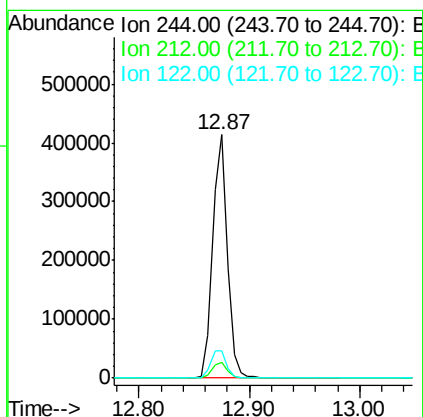
Manual Integrations
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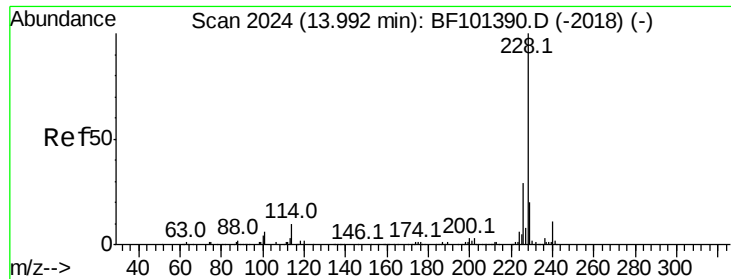
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#78
Terphenyl-d14
Concen: 30.928 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.2	11.0	16.4





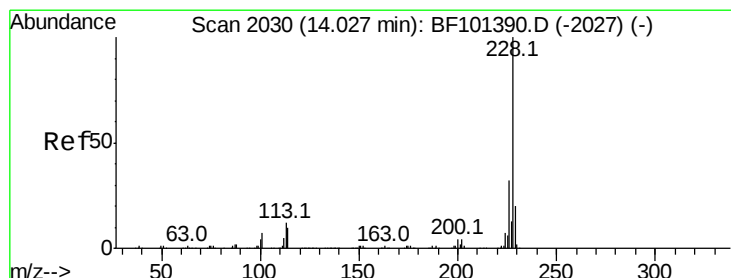
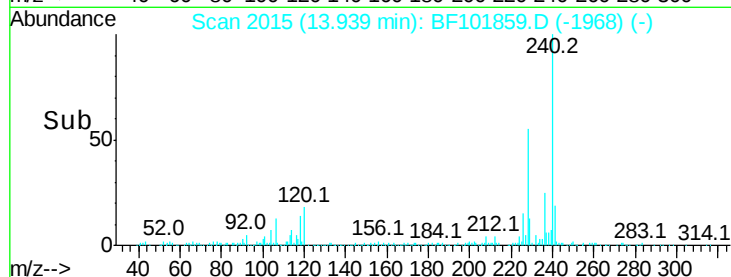
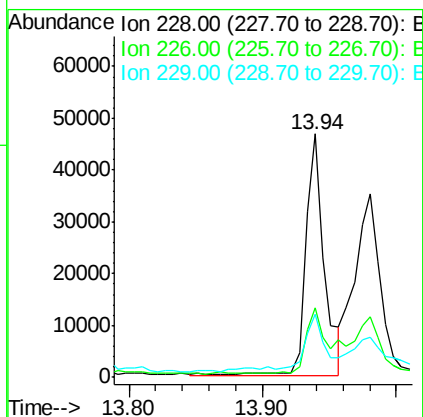
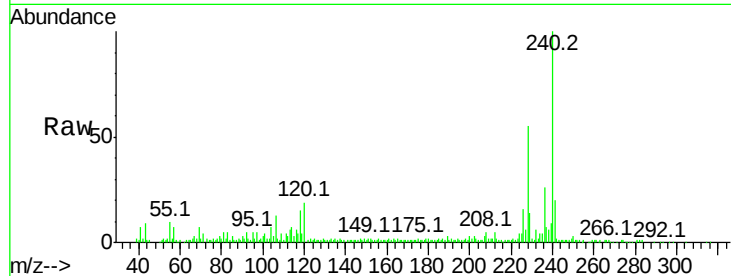
#80
Benzo(a)anthracene
Concen: 2.397 ng m
RT: 13.94 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Instrument :
BNA_F
ClientSampleId :
CL-01-122917-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	25.9	15.8	23.6

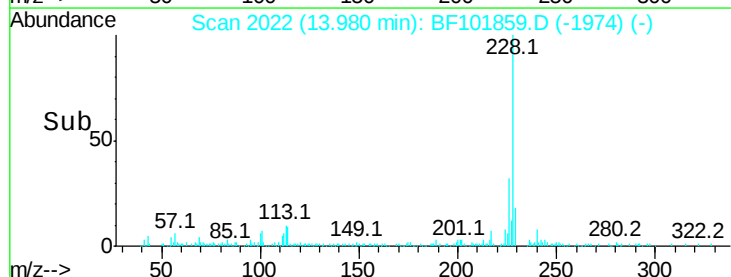
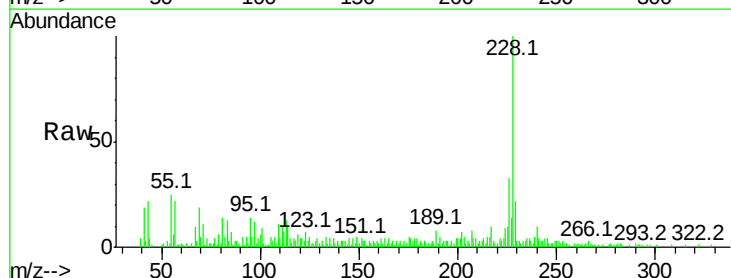
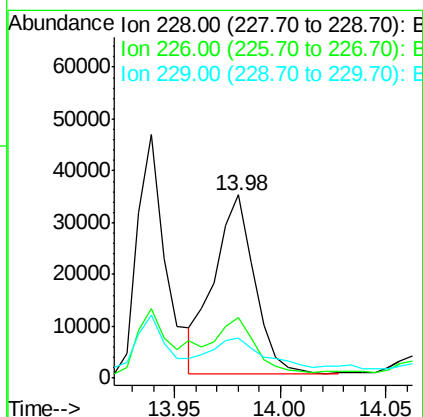
Manual Integrations
APPROVED

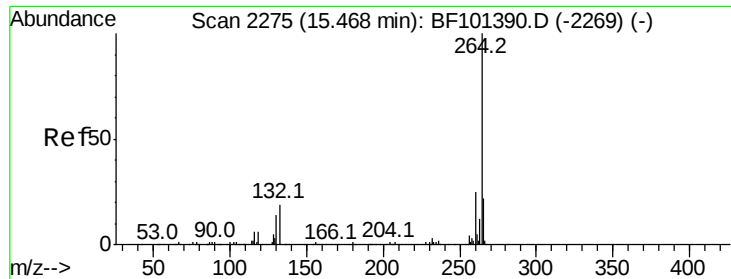
Sohil
1/4/2018 1:56:20 PM



#82
Chrysene
Concen: 2.536 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.0	37.6
229	22.2	16.2	24.4





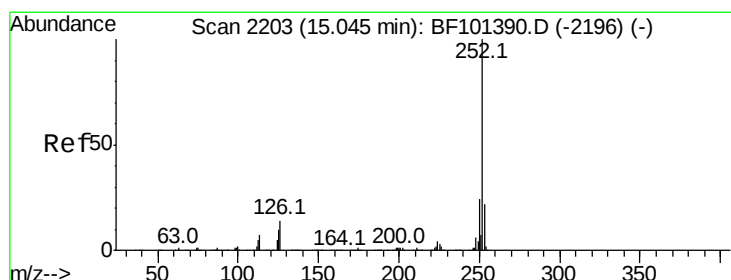
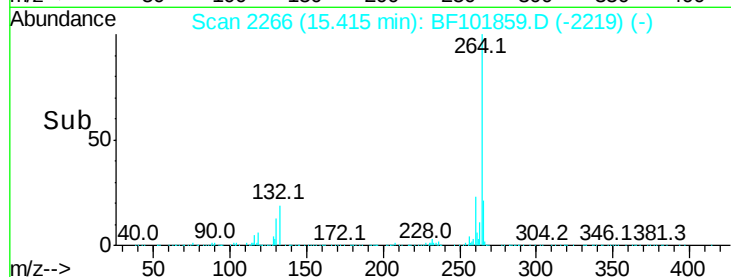
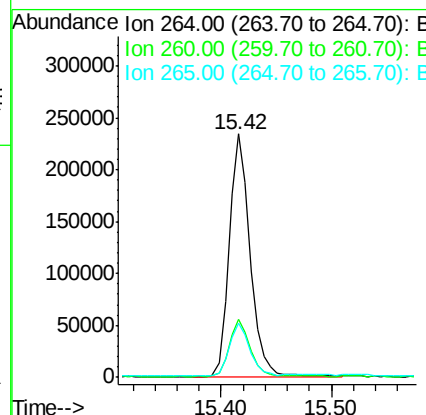
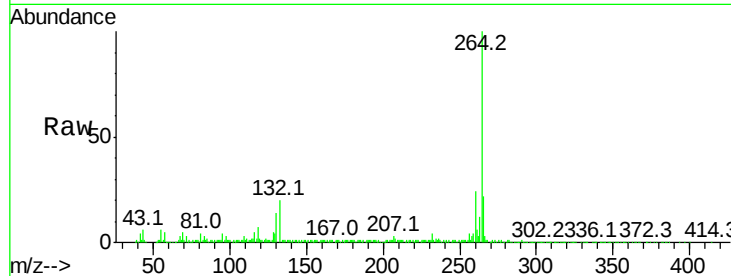
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Instrument :
BNA_F
ClientSampleId :
CL-01-122917-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	17.5	26.3

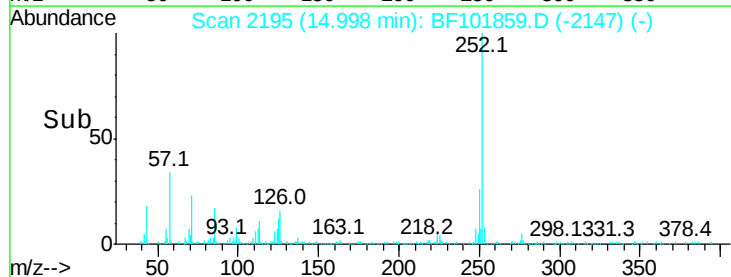
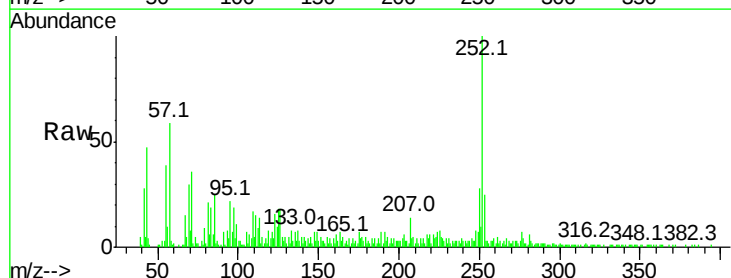
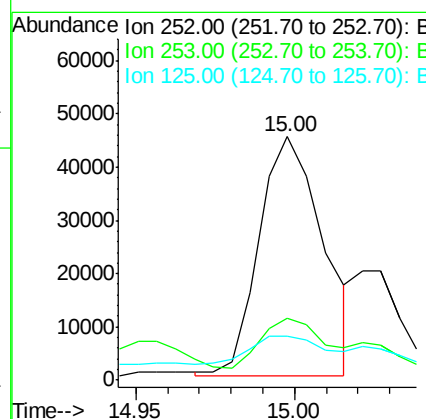
Manual Integrations
APPROVED

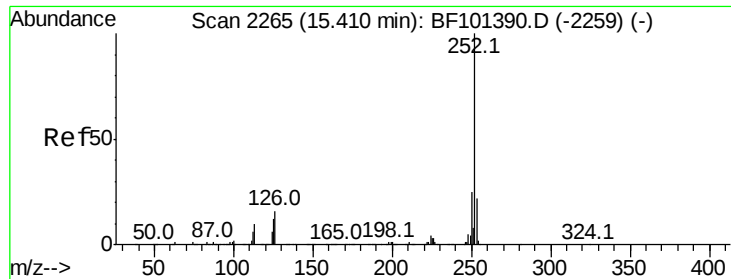
Sohil
1/4/2018 1:56:20 PM



#87
Benzo(b)fluoranthene
Concen: 3.356 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.6
125	18.1	9.0	13.6





#89

Benzo(a)pyrene

Concen: 2.563 ng

RT: 15.36 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BF101859.D

Acq: 3 Jan 2018 14:56

Instrument :

BNA_F

ClientSampleId :

CL-01-122917-B

Tot Ion:	252	Resp:	44579
Ion Ratio	Lower	Upper	
252	100		
253	26.9	17.1	25.7#
125	20.4	9.8	14.6#

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:20 PM

