

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105023.D
 Acq On : 2 May 2018 11:50
 Operator : JU/SJ
 Sample : J2157-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-043018-D

Manual Integrations
 APPROVED

Sohil
 5/3/2018 5:00:43 PM

Quant Time: May 03 07:37:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	92672	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	387422	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	179595	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	315943	20.00	ng	0.00
75) Chrysene-d12	14.02	240	217491	20.00	ng	-0.01
86) Perylene-d12	15.59	264	215300	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	565080	93.24	ng	0.00
7) Phenol-d6	6.43	99	690756	92.76	ng	-0.01
23) Nitrobenzene-d5	7.36	82	410487	69.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	185580	99.61	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	735670	64.71	ng	0.00
78) Terphenyl-d14	12.92	244	590357	61.88	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	79928	5.644	ng	99
74) Fluoranthene	12.54	202	69759	3.795	ng	96
77) Pyrene	12.77	202	62225	3.860	ng	98
80) Benzo(a)anthracene	14.01	228	29680	2.284	ng	93
82) Chrysene	14.05	228	33740	2.528	ng	98
87) Benzo(b)fluoranthene	15.15	252	44534m	3.275	ng	

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

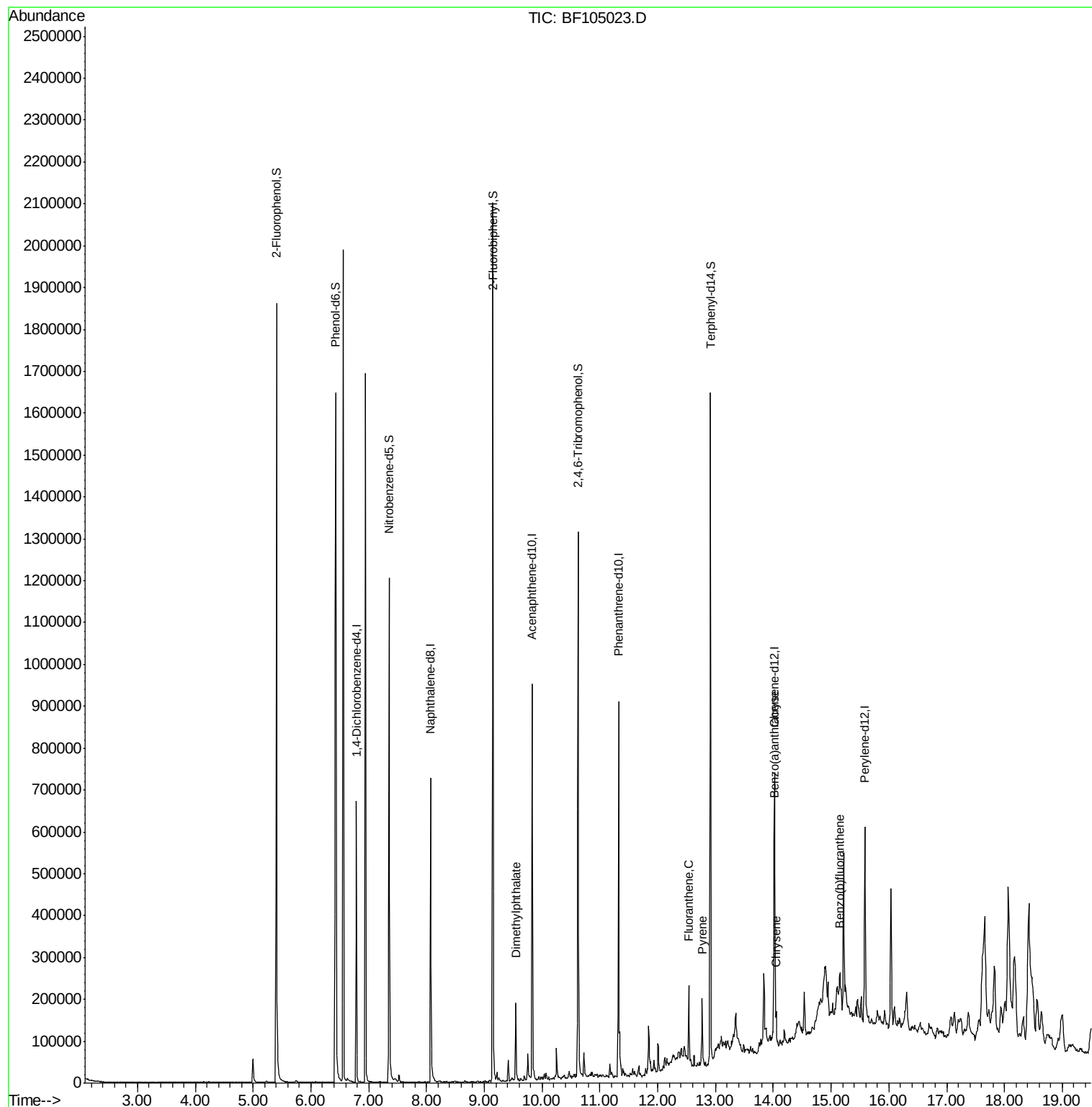
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
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Sample : J2157-19
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ALS Vial : 5 Sample Multiplier: 1

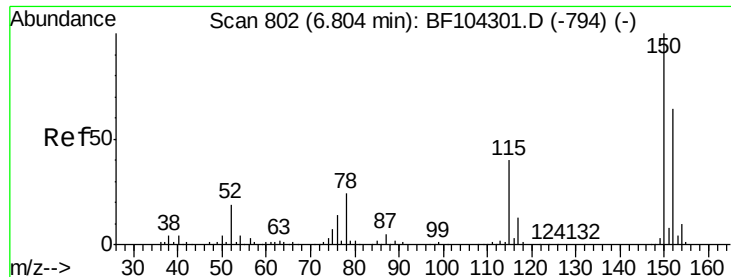
Instrument :
BNA_F
ClientSampleId :
CL-02-043018-D

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5/3/2018 5:00:43 PM

Quant Time: May 03 07:37:10 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
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#1

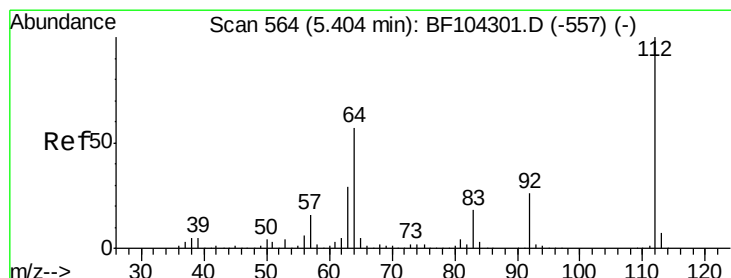
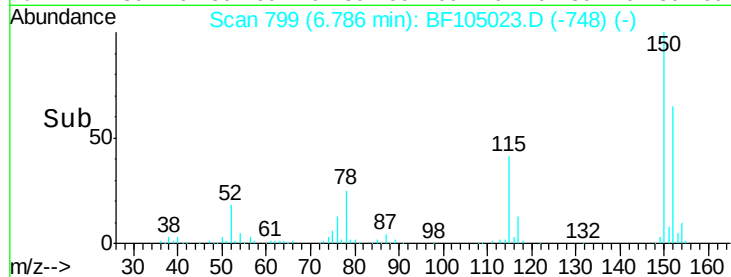
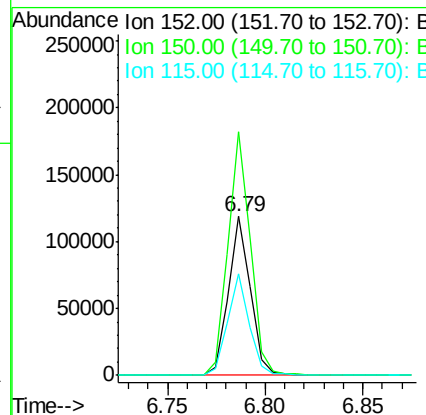
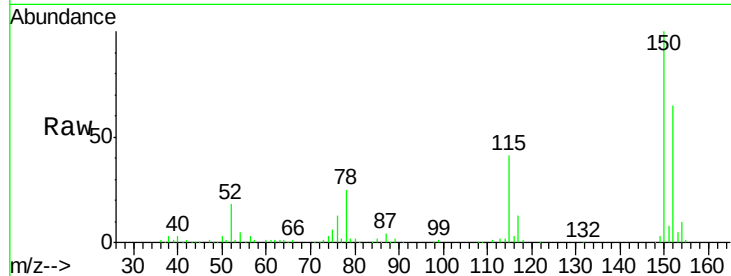
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105023.D
Acq: 2 May 2018 11:50

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	63.7	50.1	75.1

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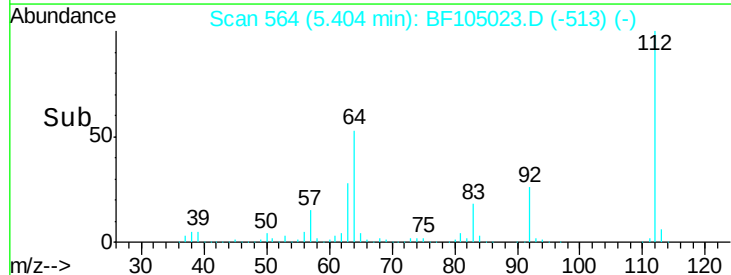
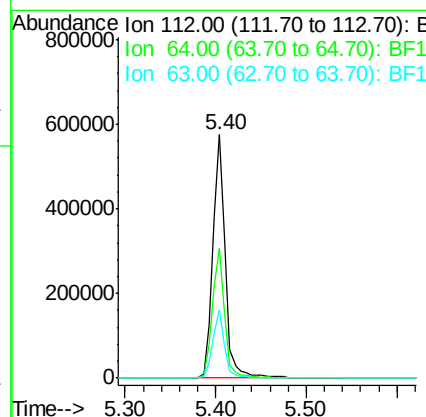
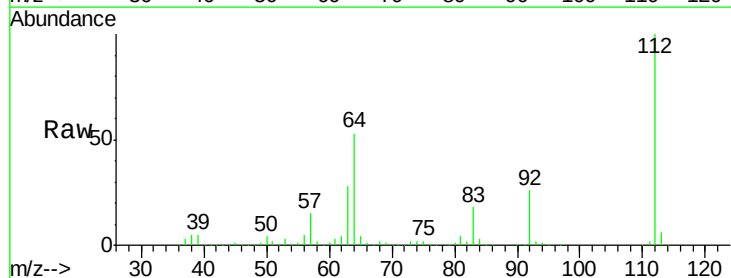
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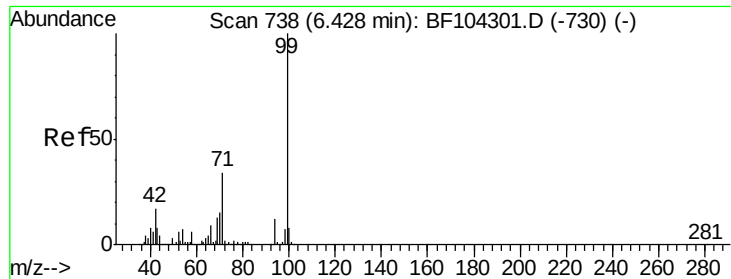


#5

2-Fluorophenol
Concen: 93.236 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF105023.D
Acq: 2 May 2018 11:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	47.9	71.9
63	27.8	23.7	35.5





#7

Phenol-d6

Concen: 92.760 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF105023.D

Acq: 2 May 2018 11:50

Instrument :

BNA_F

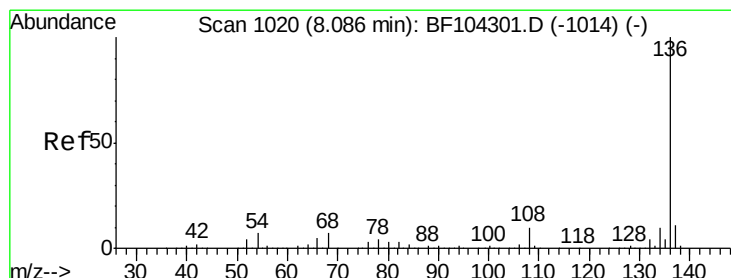
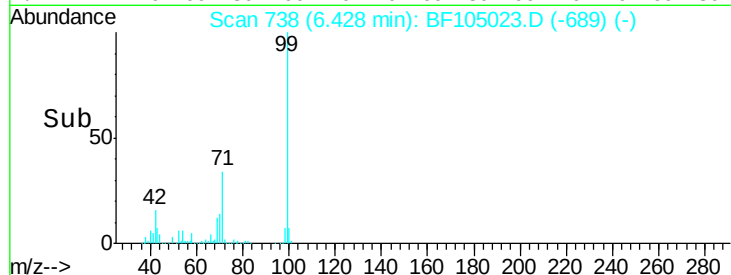
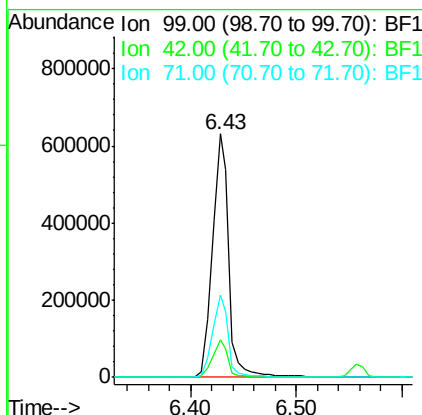
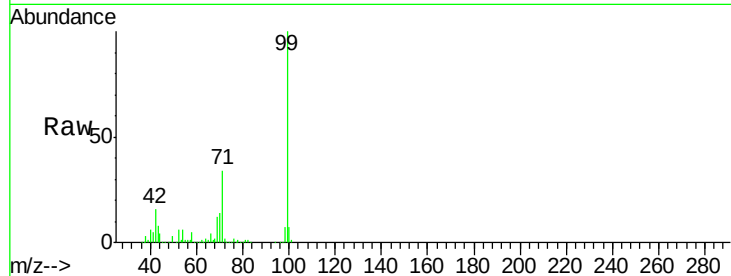
ClientSampleId :

CL-02-043018-D

Tot Ion:	99	Resp:	690756
Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.5	21.7
71	33.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

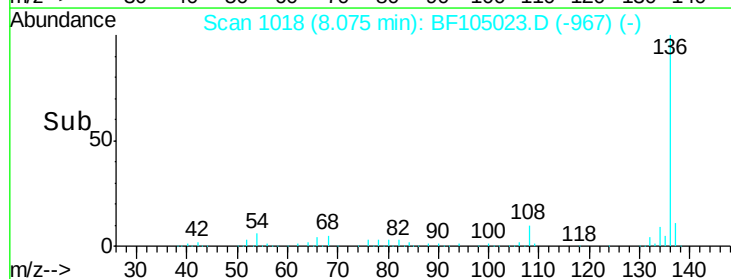
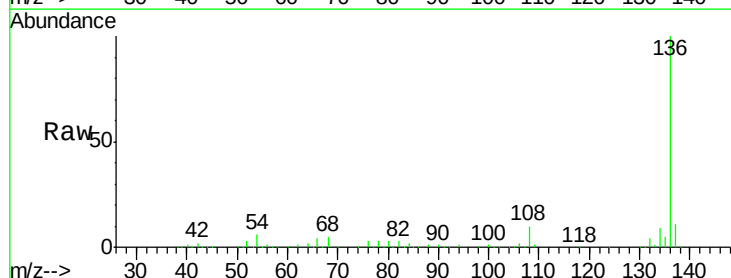
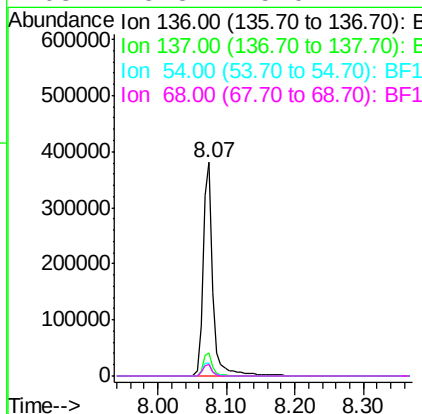
RT: 8.07 min Scan# 1018

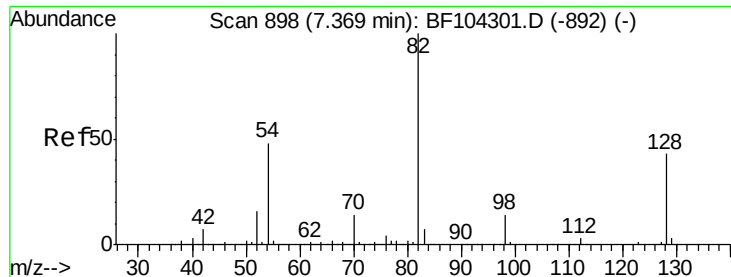
Delta R.T. -0.00 min

Lab File: BF105023.D

Acq: 2 May 2018 11:50

Tgt Ion:	136	Resp:	387422
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.9	6.6	9.8#
68	5.3	5.0	7.4





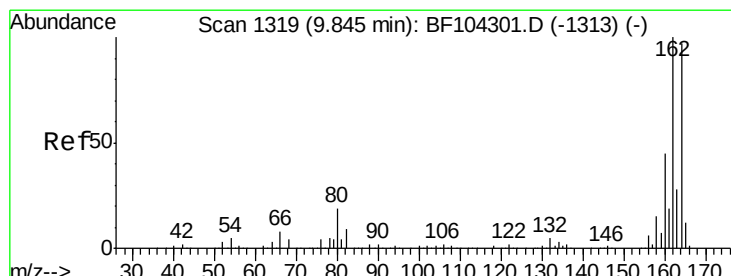
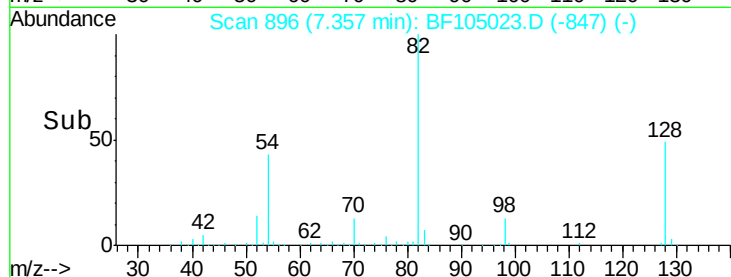
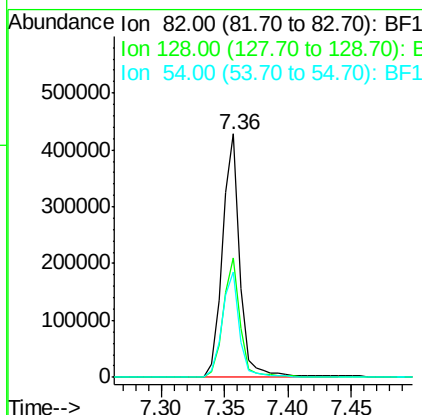
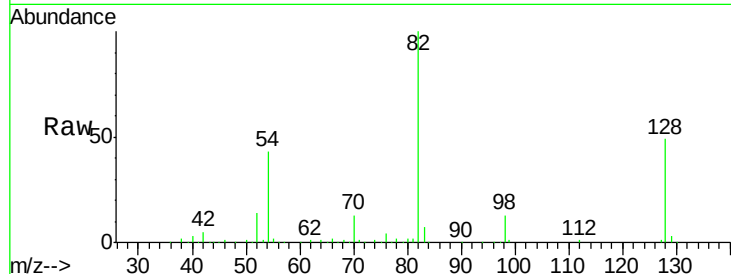
#23
Nitrobenzene-d5
Concen: 69.186 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105023.D
Acq: 2 May 2018 11:50

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-D

Tot Ion	82	Resp	410487
Ion Ratio	100	Lower	Upper
128	49.1	36.1	54.1
54	43.1	41.4	62.2

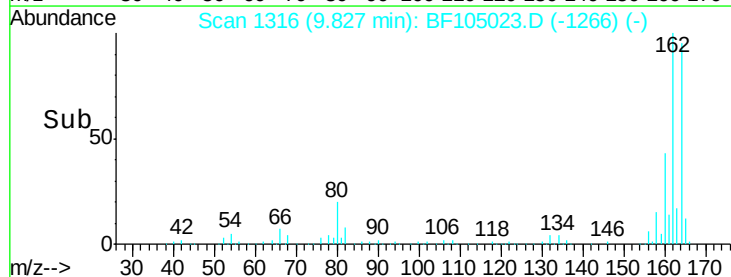
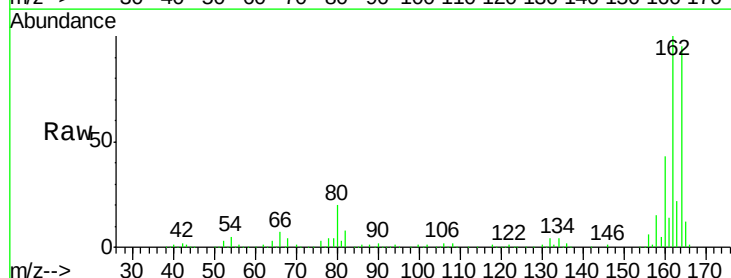
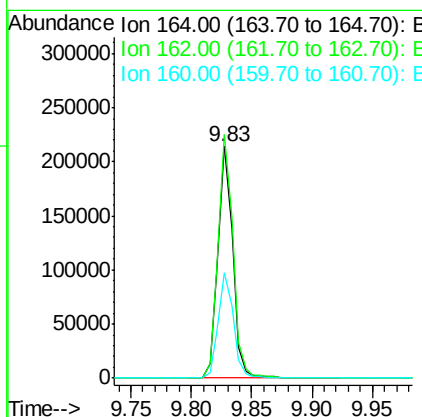
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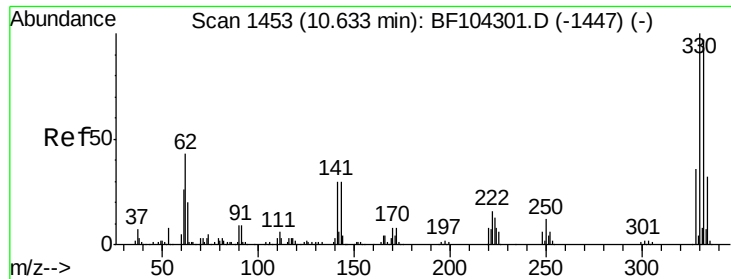
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105023.D
Acq: 2 May 2018 11:50

Tgt Ion	164	Resp	179595
Ion Ratio	100	Lower	Upper
162	104.9	86.1	129.1
160	45.3	38.3	57.5





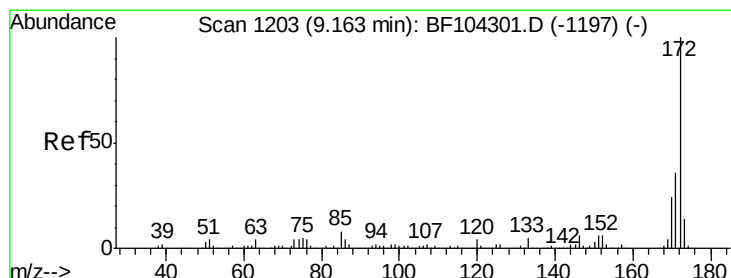
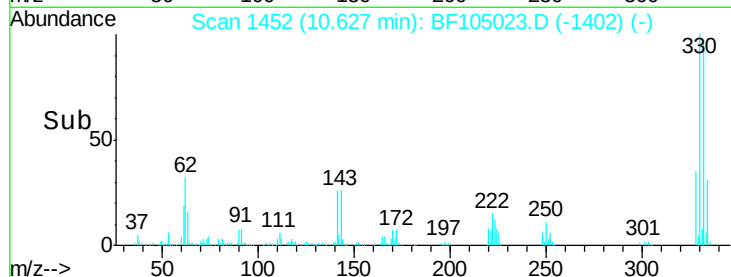
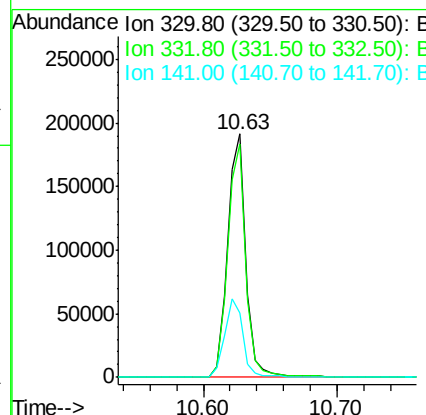
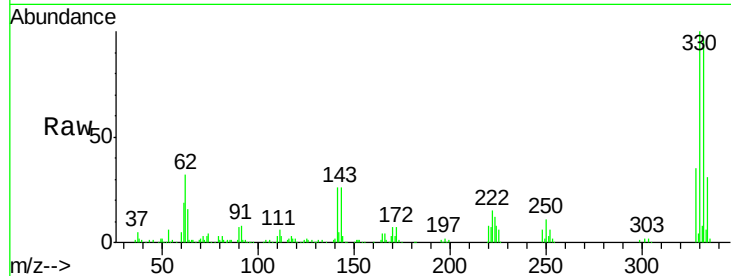
#41
 2,4,6-Tribromophenol
 Concen: 99.614 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF105023.D
 Acq: 2 May 2018 11:50

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-043018-D

Tot Ion	Ratio	Resp	Lower	Upper
330	100	185580		
332	95.4	77.0	115.6	
141	32.7	29.9	44.9	

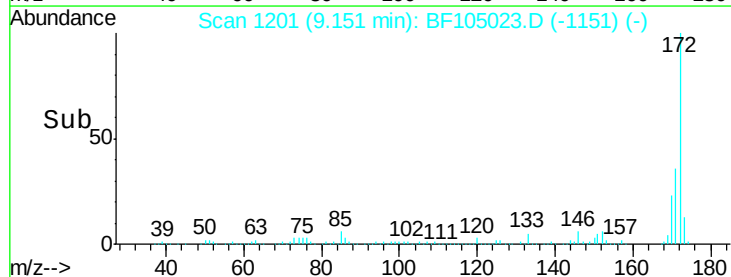
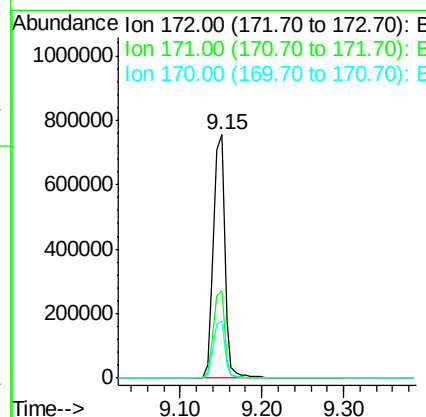
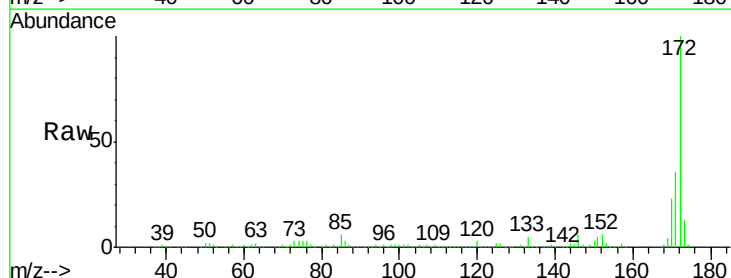
Manual Integrations
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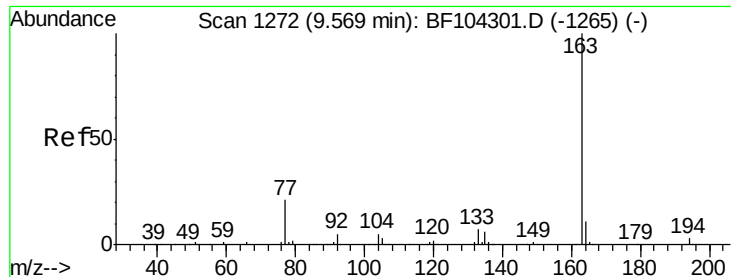
Sohil
 5/3/2018 5:00:43 PM



#44
 2-Fluorobiphenyl
 Concen: 64.711 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105023.D
 Acq: 2 May 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	735670		
171	35.8	29.7	44.5	
170	23.2	19.6	29.4	





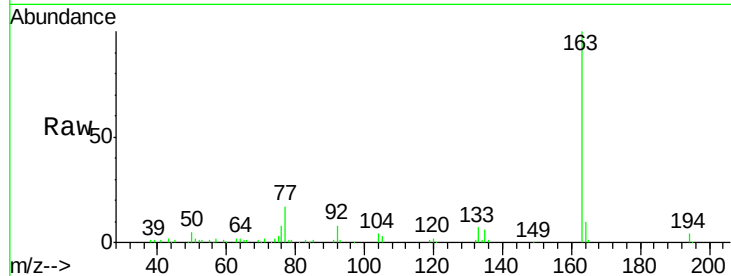
#49
Dimethylphthalate
Concen: 5.644 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105023.D
Acq: 2 May 2018 11:50

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-D

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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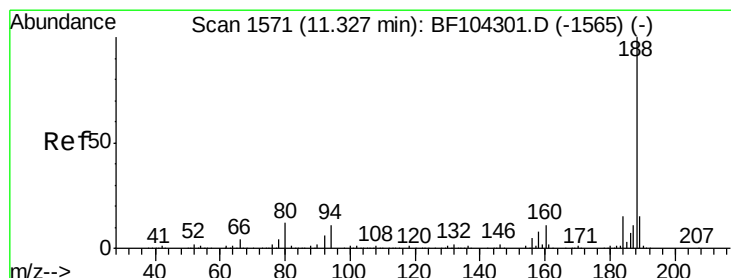
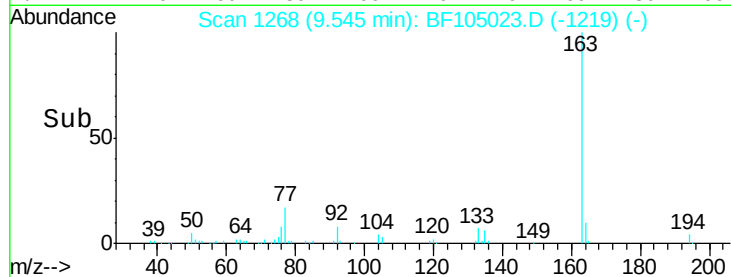
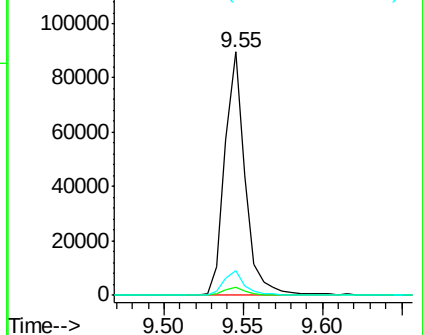


Abundance

Ion 163.00 (162.70 to 163.70): E

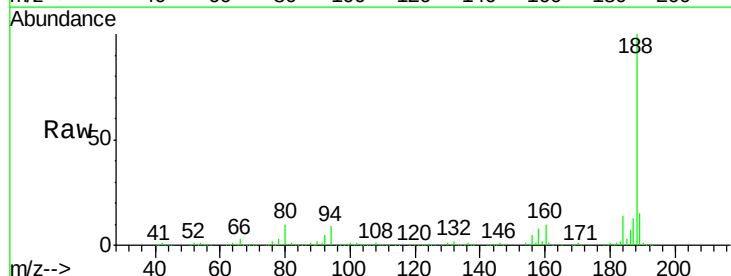
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105023.D
Acq: 2 May 2018 11:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.4	9.2	13.8

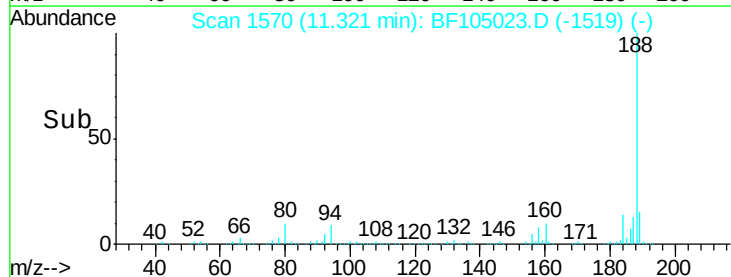
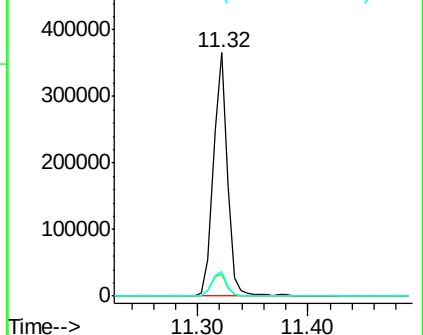


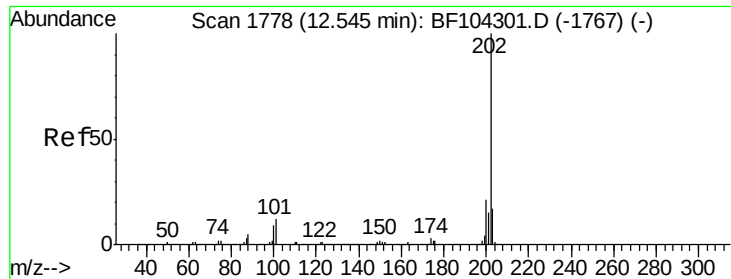
Abundance

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





#74

Fluoranthene

Concen: 3.795 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF105023.D

Acq: 2 May 2018 11:50

Instrument :

BNA_F

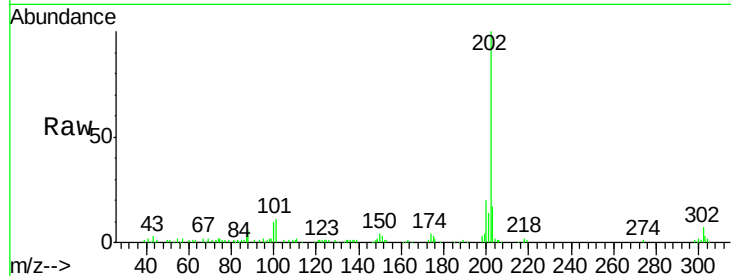
ClientSampled :

CL-02-043018-D

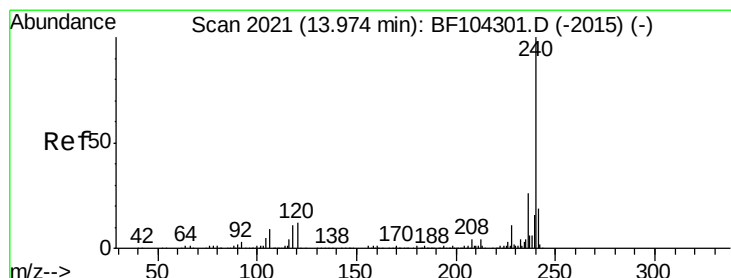
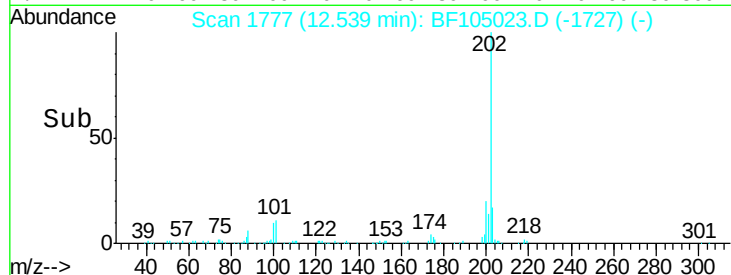
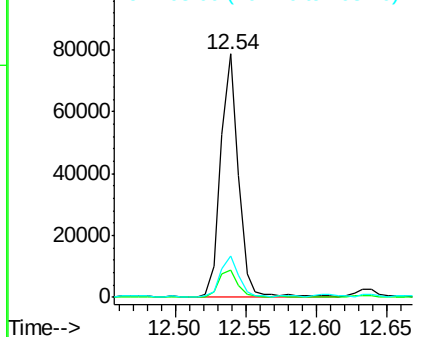
Tot Ion:	202	Resp:	69759
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	34.1
203	17.2	0.0	38.1

Manual Integrations
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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

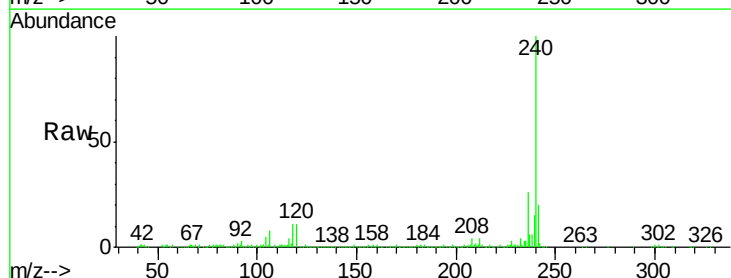
RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

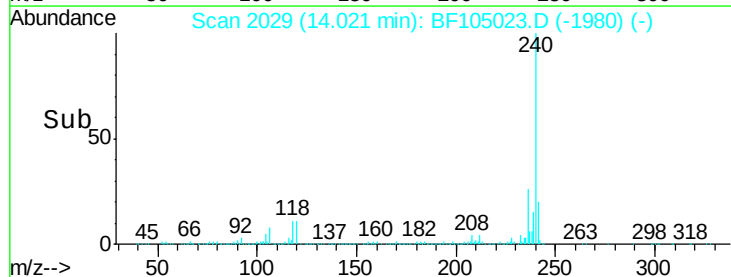
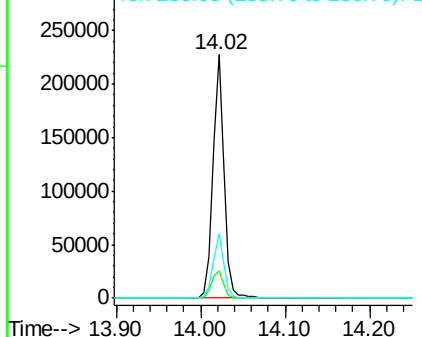
Lab File: BF105023.D

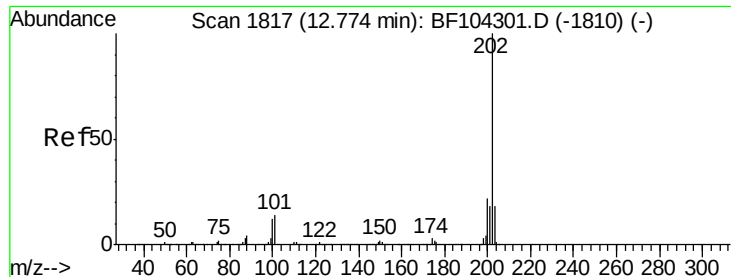
Acq: 2 May 2018 11:50

Tgt Ion:	240	Resp:	217491
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.5	14.3
236	26.4	20.7	31.1



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

Pvrene

Concen: 3.860 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF105023.D

Acq: 2 May 2018 11:50

Instrument :

BNA_F

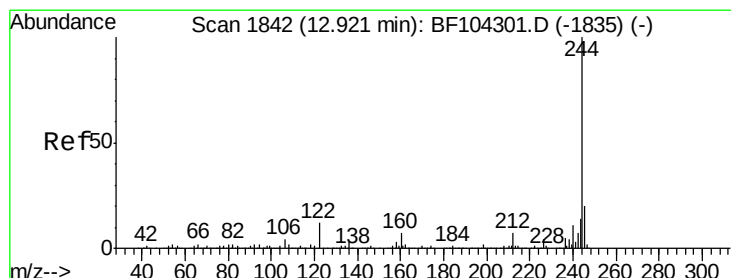
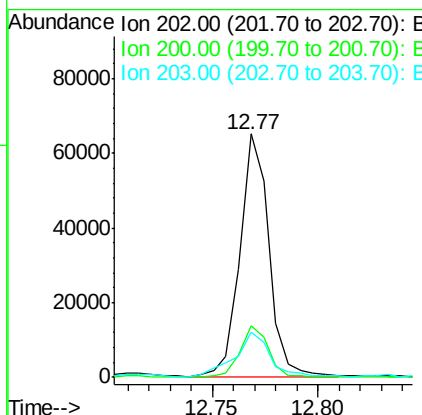
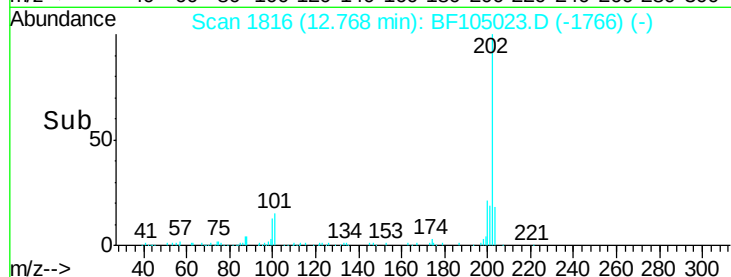
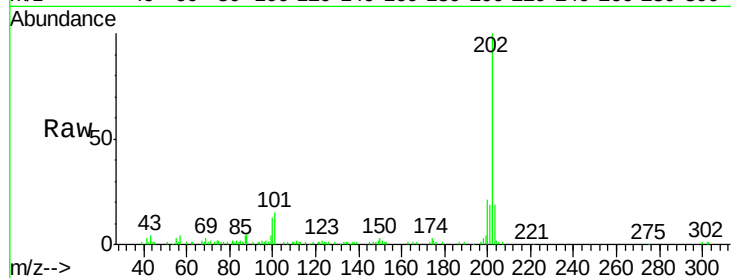
ClientSampleId :

CL-02-043018-D

Tot Ion:	202	Resp:	62225
Ion Ratio		Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.7	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 61.884 ng

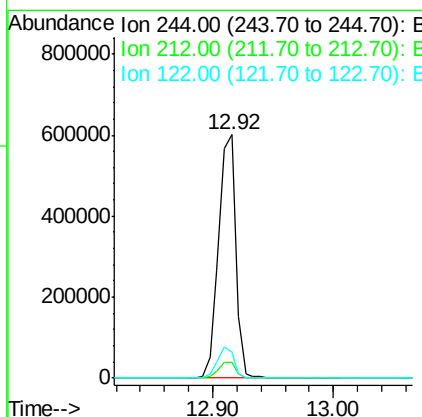
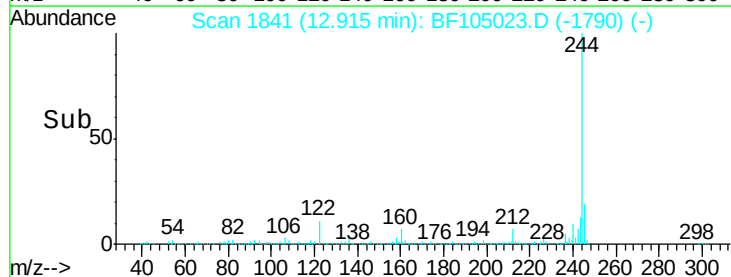
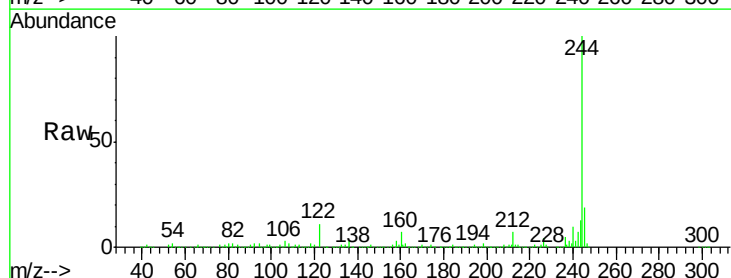
RT: 12.92 min Scan# 1841

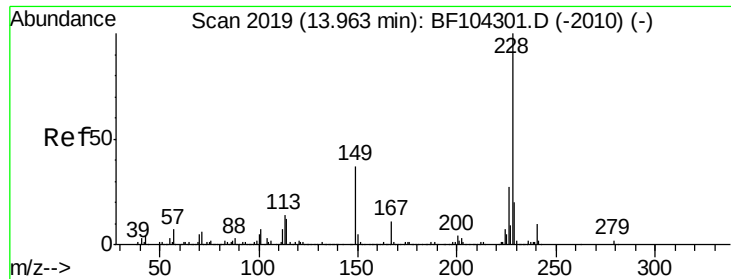
Delta R.T. -0.00 min

Lab File: BF105023.D

Acq: 2 May 2018 11:50

Tgt Ion:	244	Resp:	590357
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.9	11.0	16.4#





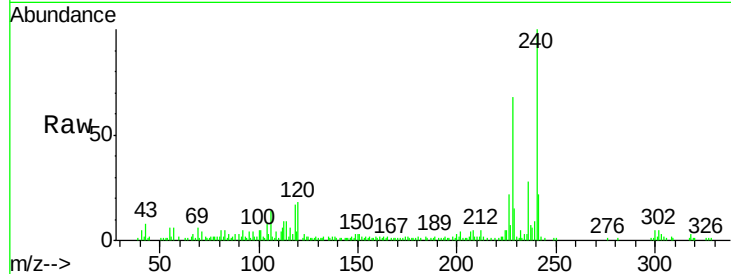
#80
Benzo(a)anthracene
Concen: 2.284 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF105023.D
Acq: 2 May 2018 11:50

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-D

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.6	33.8
229	22.1	15.8	23.6

Manual Integrations
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Sohil
5/3/2018 5:00:43 PM

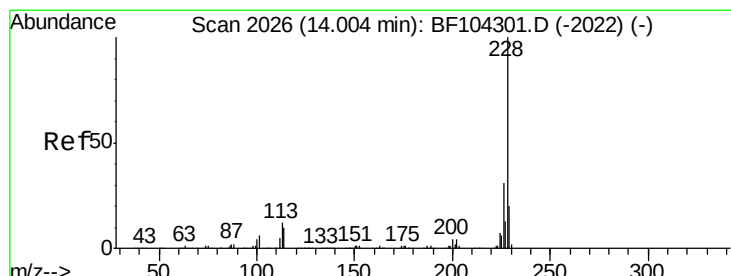
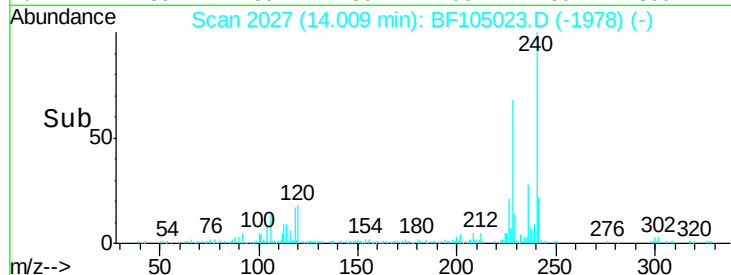
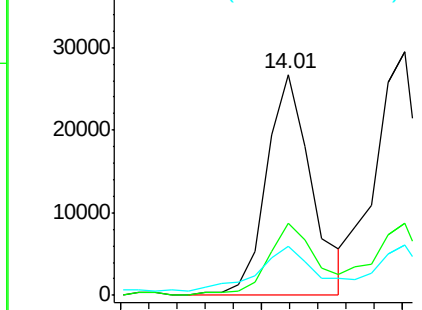


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
Chrysene
Concen: 2.528 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF105023.D
Acq: 2 May 2018 11:50

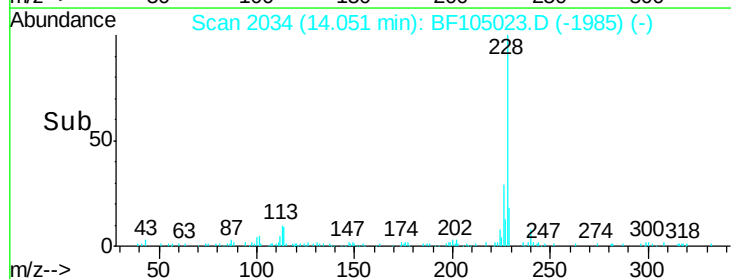
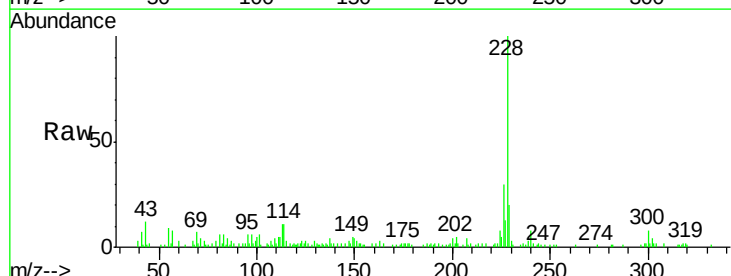
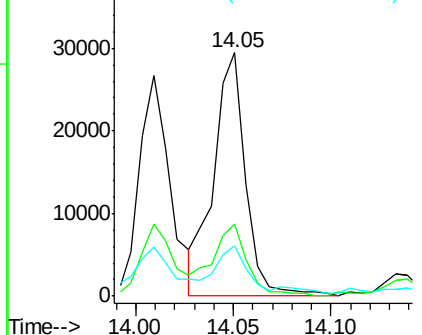
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	20.5	16.2	24.4

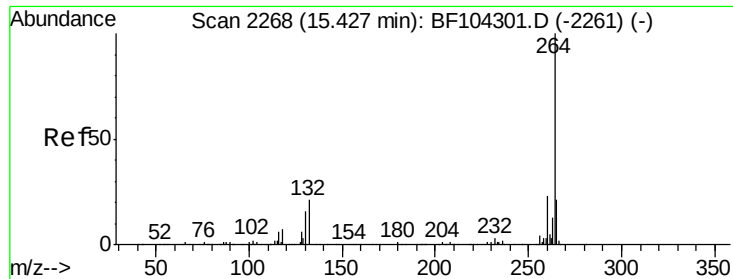
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





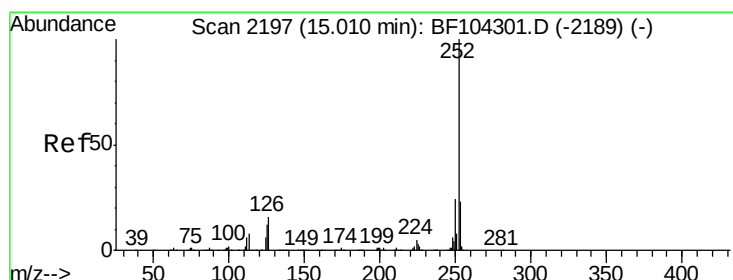
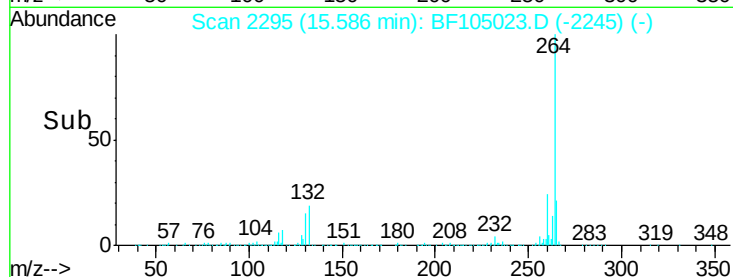
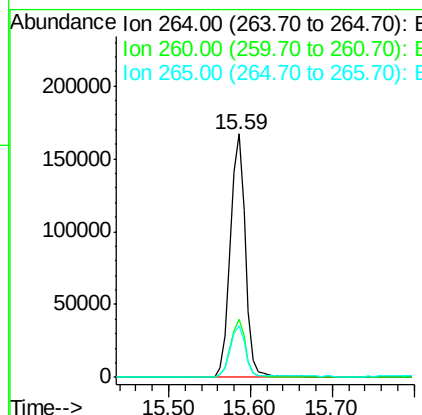
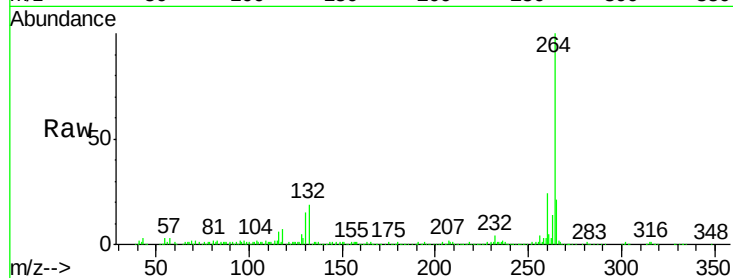
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF105023.D
Acq: 2 May 2018 11:50

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.5	26.3

Manual Integrations
APPROVED

Sohil
5/3/2018 5:00:43 PM



#87
Benzo(b)fluoranthene
Concen: 3.275 ng m
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF105023.D
Acq: 2 May 2018 11:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	16.2	9.0	13.6

