

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104480.D
 Acq On : 13 Apr 2018 16:01
 Operator : JU/SJ
 Sample : J2364-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-B

Manual Integrations
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Sohil
 4/16/2018 3:10:12 PM

Quant Time: Apr 16 11:51:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	139928	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	557791	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	246562	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	379609	20.00	ng	0.00
75) Chrysene-d12	13.99	240	269970	20.00	ng	0.00
86) Perylene-d12	15.45	264	231486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	869683	95.03	ng	0.00
7) Phenol-d6	6.45	99	1068038	94.99	ng	0.00
23) Nitrobenzene-d5	7.37	82	667807	78.18	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	235367	92.02	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1008035	64.59	ng	0.00
78) Terphenyl-d14	12.93	244	764471	64.56	ng	0.00
Target Compounds						
10) Phenol	6.46	94	38962	3.266	ng	95
49) Dimethylphthalate	9.56	163	156383	8.043	ng	100
74) Fluoranthene	12.55	202	63339	2.868	ng	98
77) Pyrene	12.78	202	60153	3.006	ng	97
82) Chrysene	14.01	228	33965	2.050	ng	98
87) Benzo(b)fluoranthene	15.02	252	38339m	2.622	ng	

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

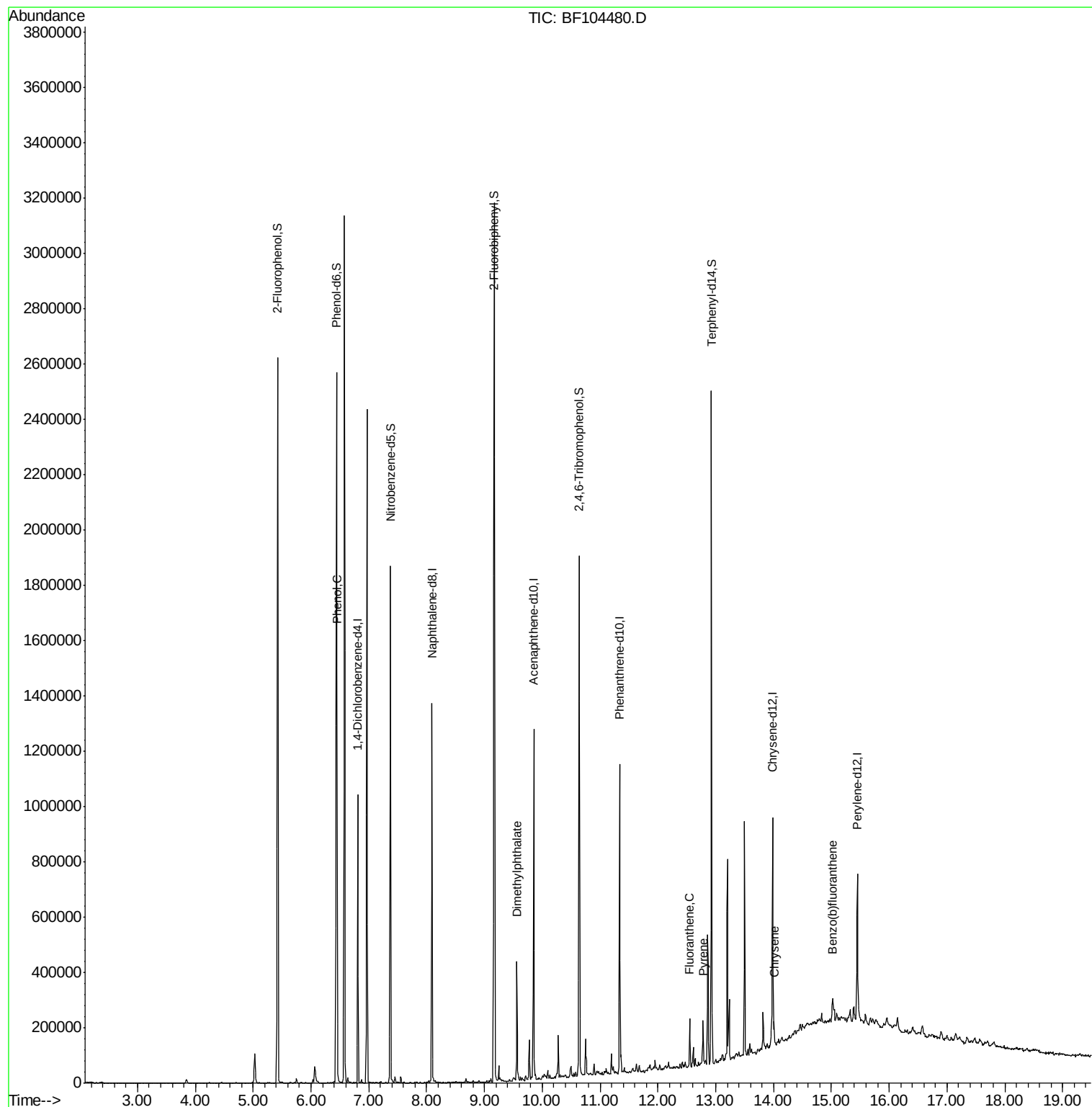
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104480.D
Acq On : 13 Apr 2018 16:01
Operator : JU/SJ
Sample : J2364-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

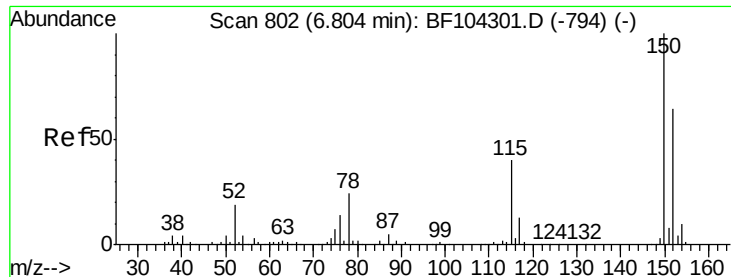
Instrument :
BNA_F
ClientSampleId :
SP-B

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Quant Time: Apr 16 11:51:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration





#1

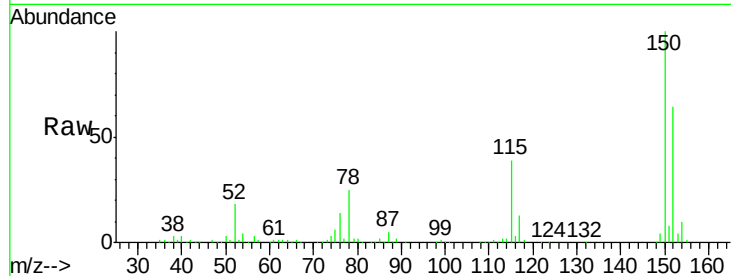
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Instrument :
BNA_F
ClientSampled :
SP-B

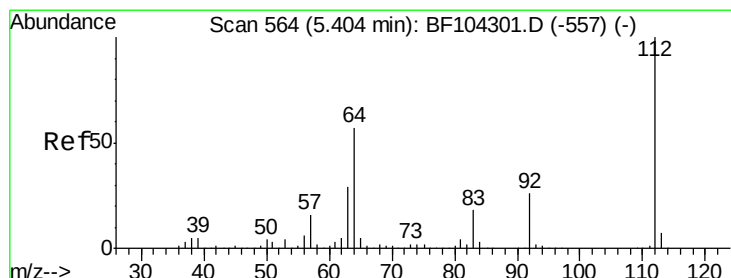
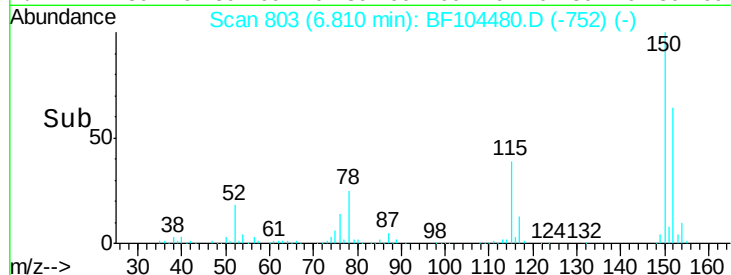
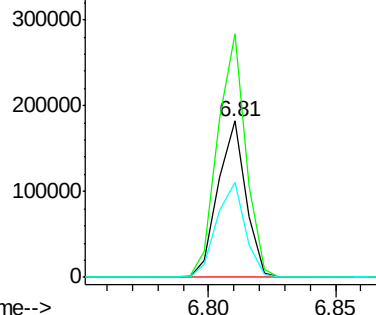
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	60.6	50.1	75.1

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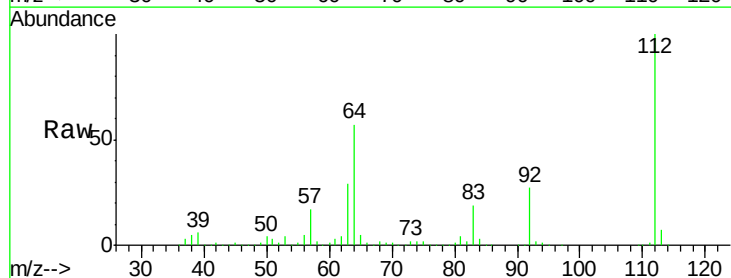
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



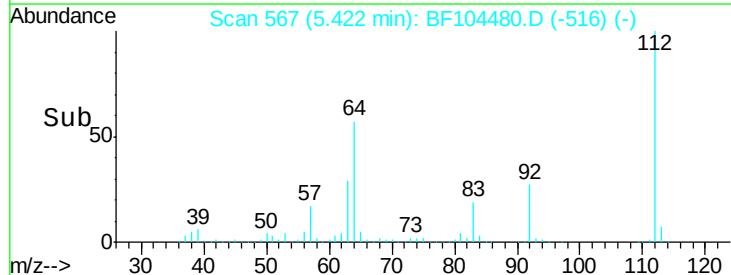
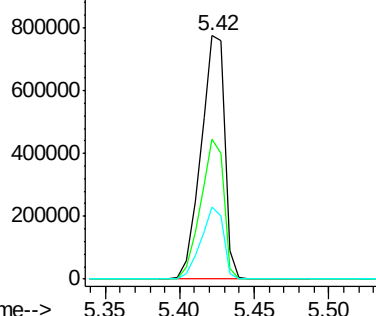
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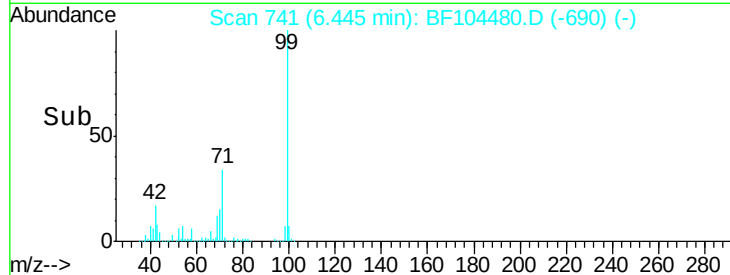
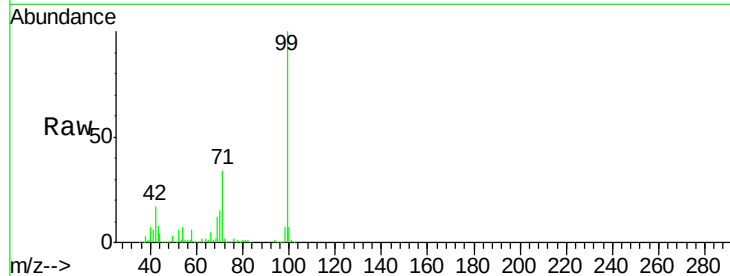
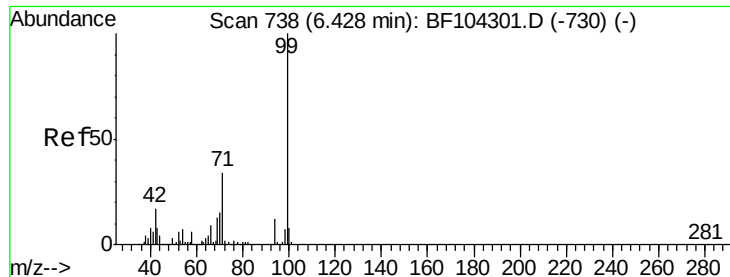
2-Fluorophenol
Concen: 95.034 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	29.4	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: 94.988 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104480.D

Acq: 13 Apr 2018 16:01

Tot Ion: 99 Resp: 1068038

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

71 34.1 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

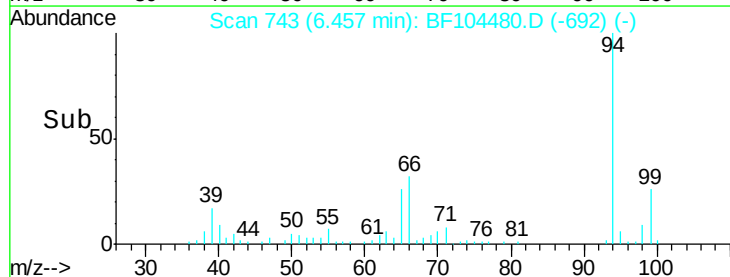
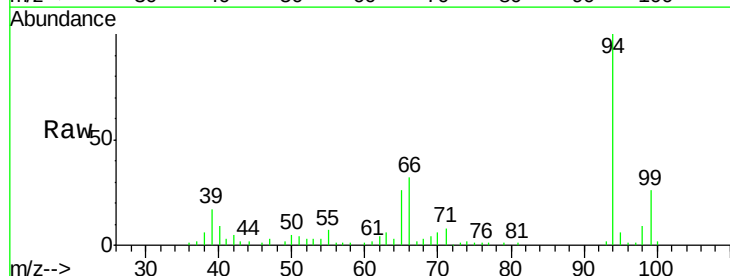
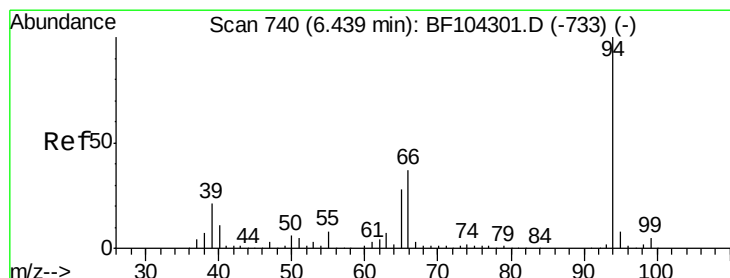
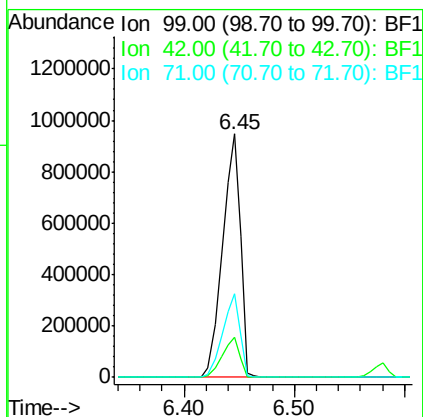
SP-B

Manual Integrations

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#10

Phenol

Concen: 3.266 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF104480.D

Acq: 13 Apr 2018 16:01

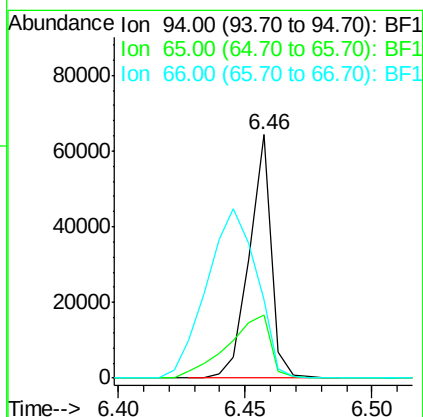
Tgt Ion: 94 Resp: 38962

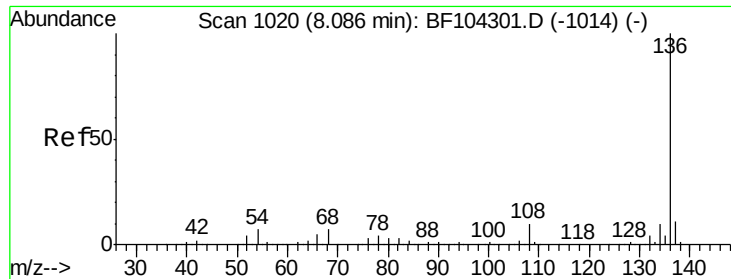
Ion Ratio Lower Upper

94 100

65 25.7 7.9 47.9

66 32.5 16.2 56.2





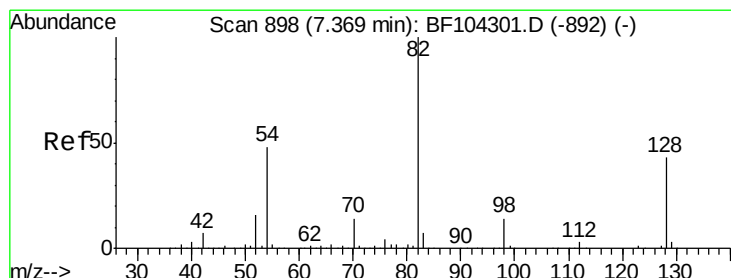
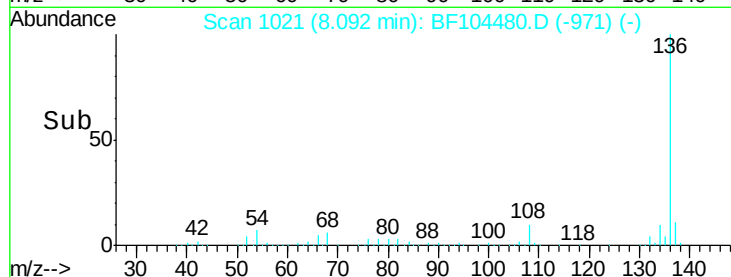
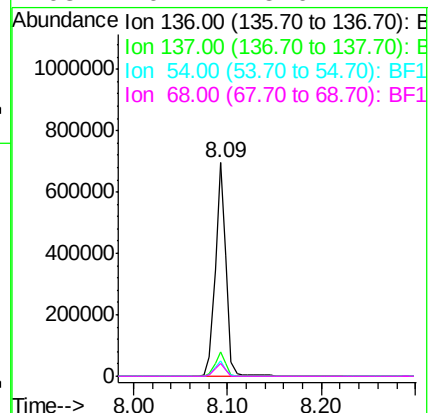
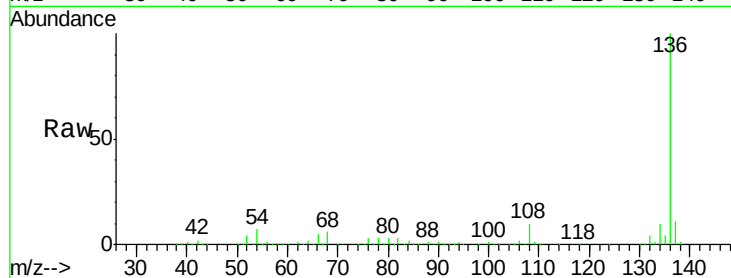
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Instrument :
BNA_F
ClientSampled :
SP-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		557791		
137	11.1	8.9	13.3		
54	7.1	6.6	9.8		
68	6.2	5.0	7.4		

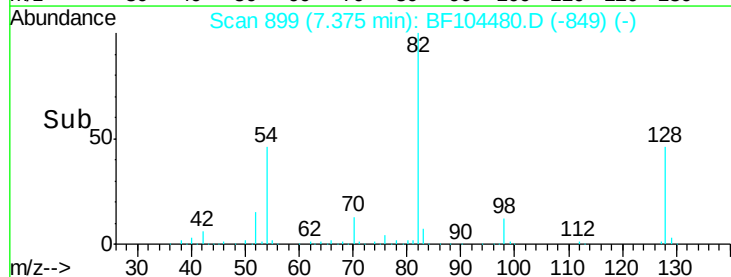
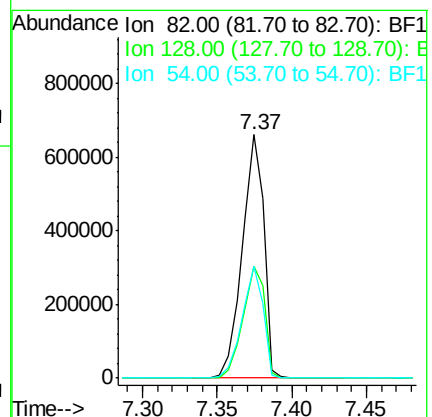
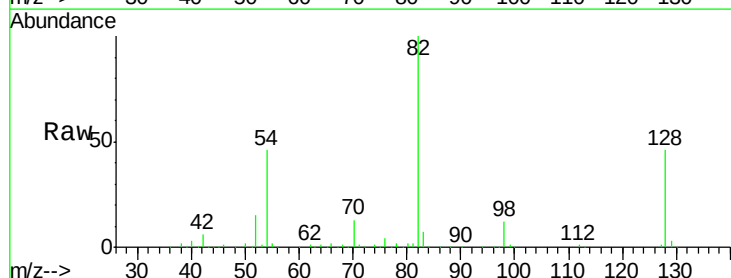
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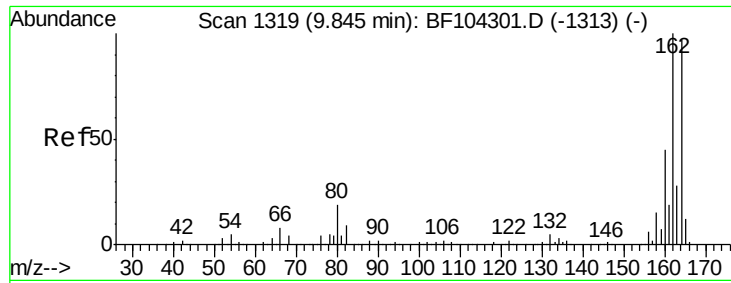
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#23
Nitrobenzene-d5
Concen: 78.177 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		667807		
128	45.8	36.1	54.1		
54	46.0	41.4	62.2		





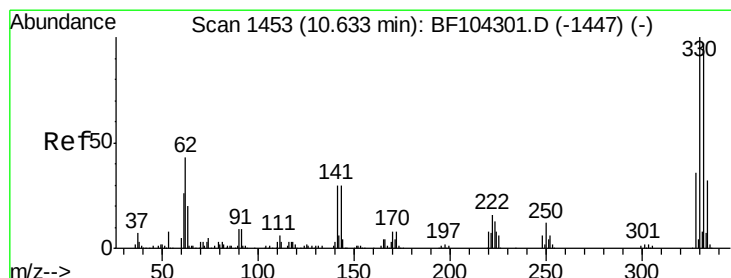
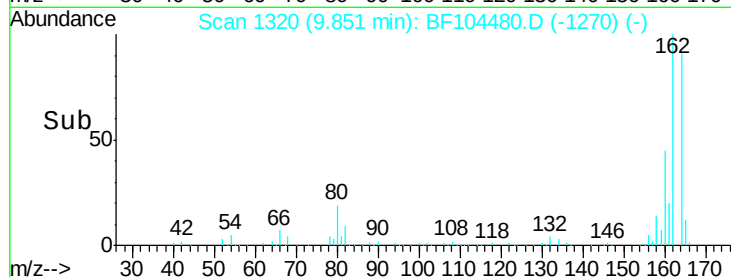
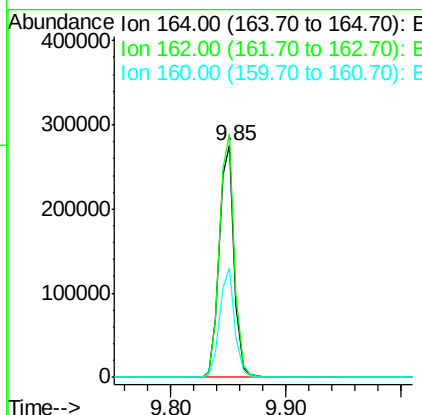
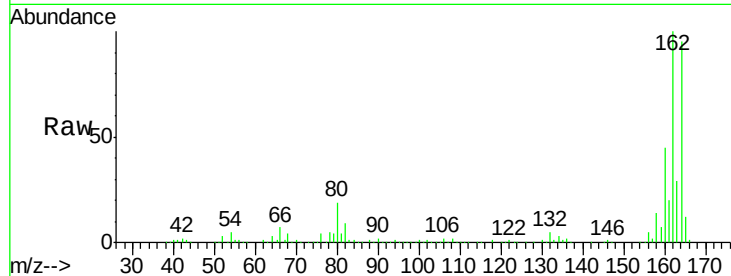
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SP-B

Tot Ion	Ratio	Resp	Lower	Upper
164	100	246562		
162	105.1	86.1	129.1	
160	47.1	38.3	57.5	

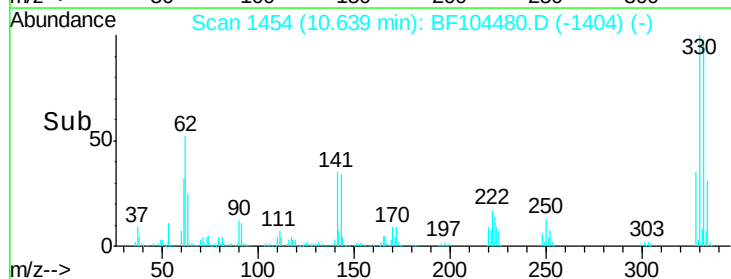
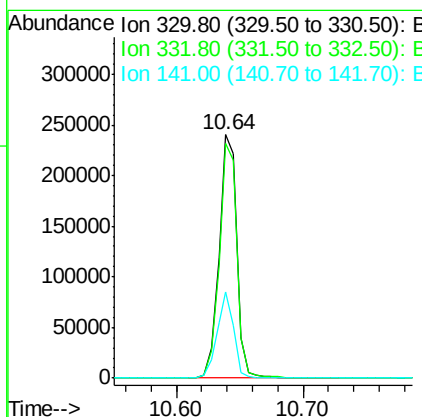
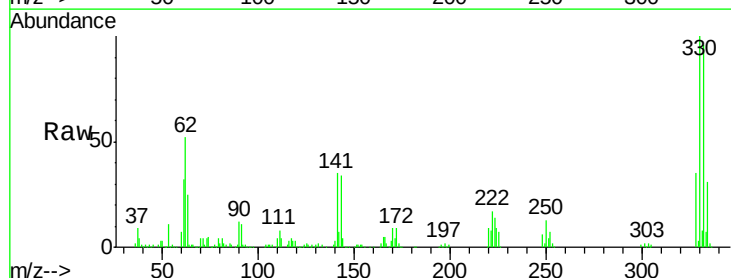
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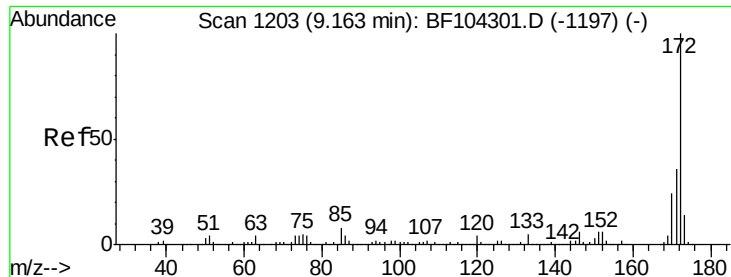
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#41
2,4,6-Tribromophenol
Concen: 92.025 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	235367		
332	96.8	77.0	115.6	
141	33.6	29.9	44.9	





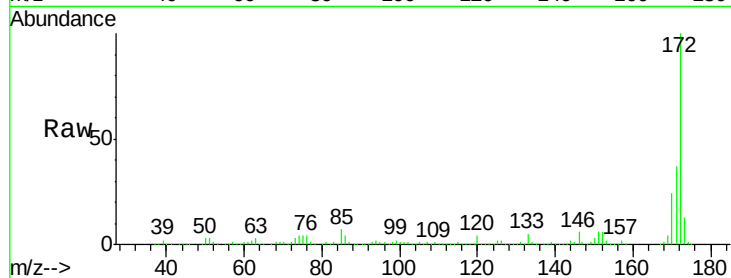
#44
2-Fluorobiphenyl
Concen: 64.586 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Instrument :
BNA_F
ClientSampled :
SP-B

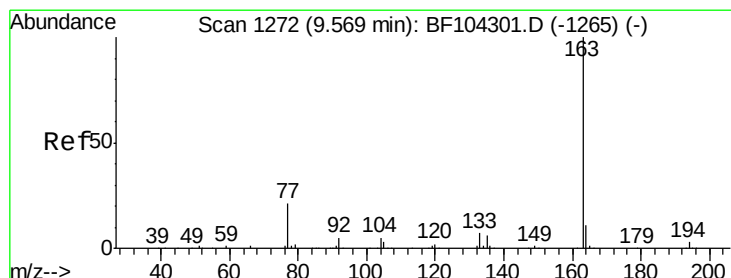
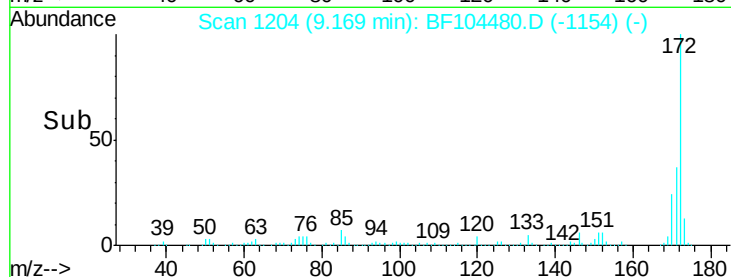
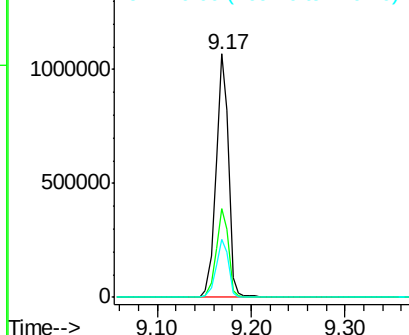
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.6	19.6	29.4

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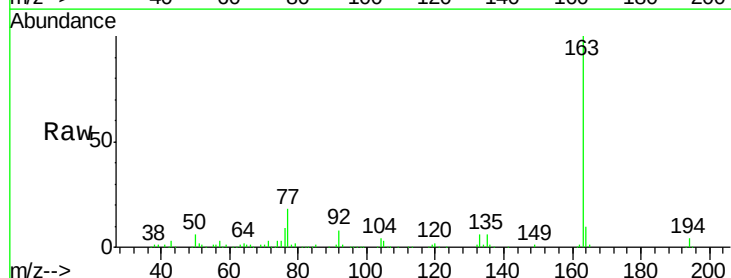


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

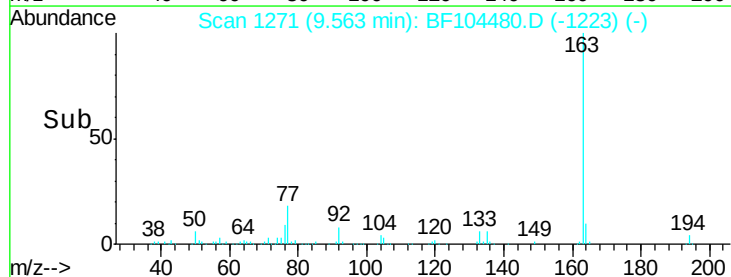
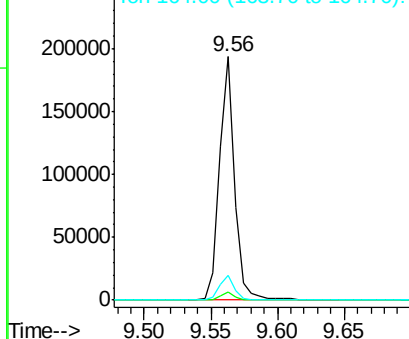


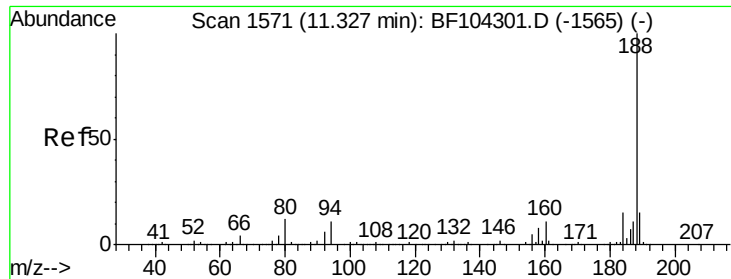
#49
Dimethylphthalate
Concen: 8.043 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2



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





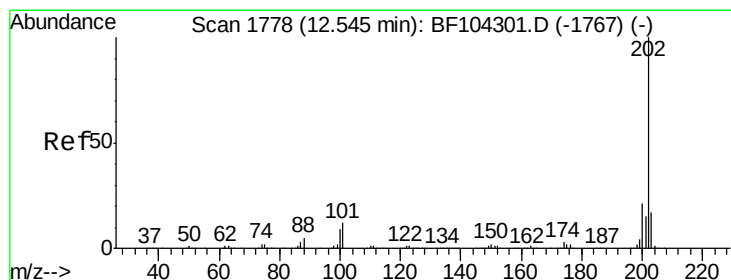
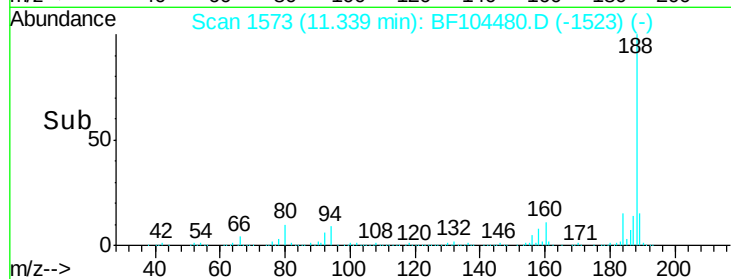
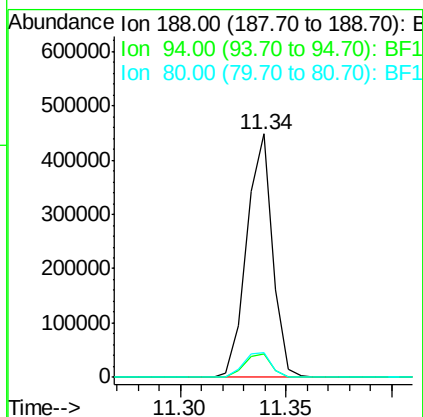
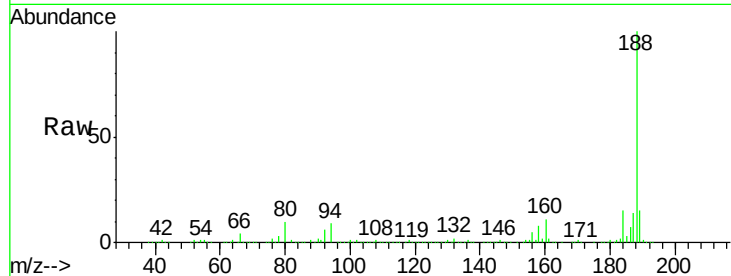
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Instrument :
BNA_F
ClientSampled :
SP-B

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.1	9.2	13.8

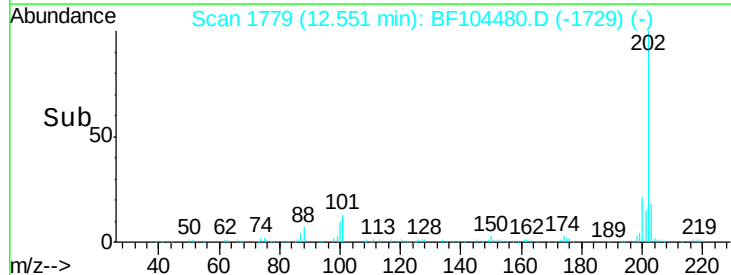
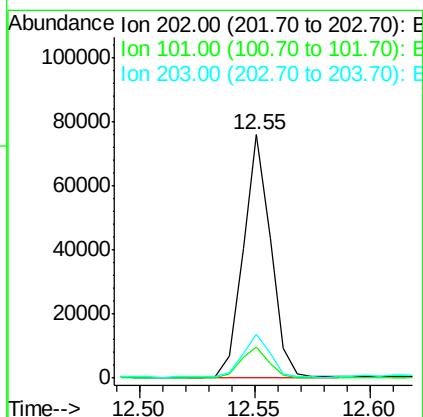
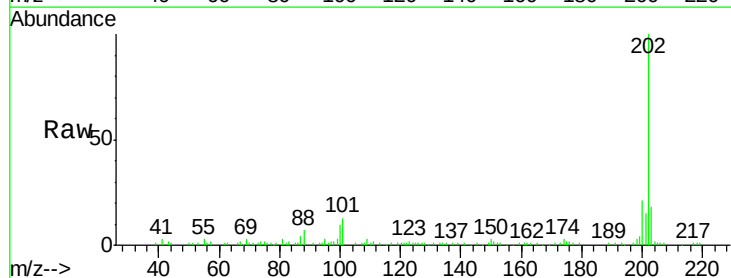
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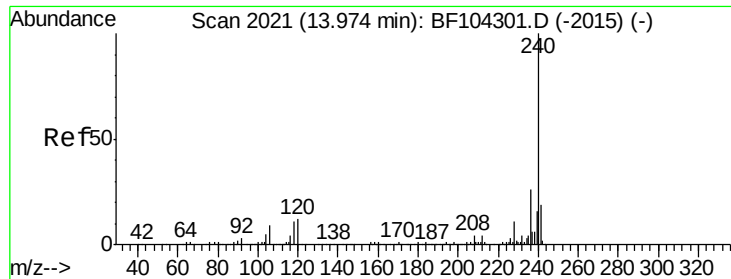
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#74
Fluoranthene
Concen: 2.868 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF104480.D

Acq: 13 Apr 2018 16:01

Instrument :

BNA_F

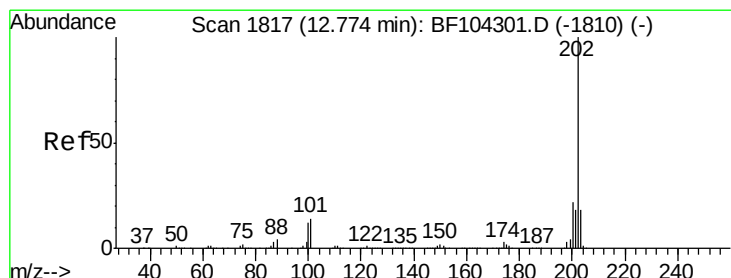
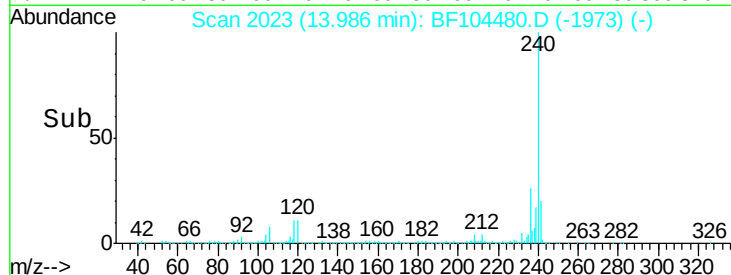
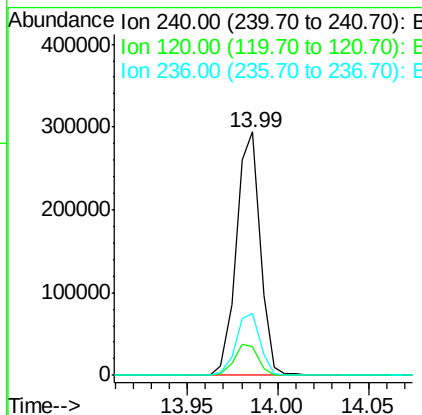
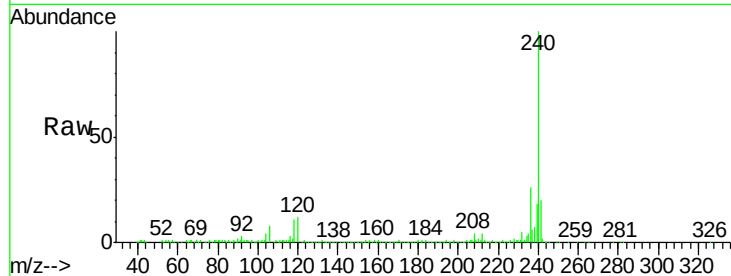
ClientSampled :

SP-B

Tot Ion:	240	Resp:	269970
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.5	14.3
236	25.5	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 3.006 ng

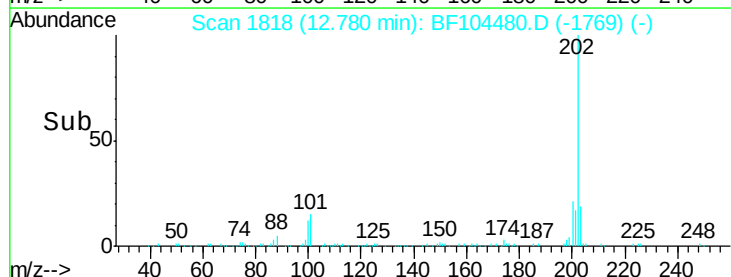
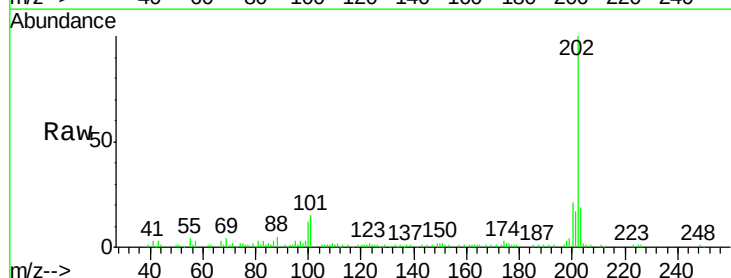
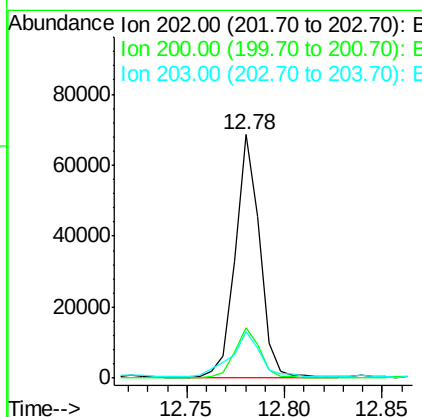
RT: 12.78 min Scan# 1818

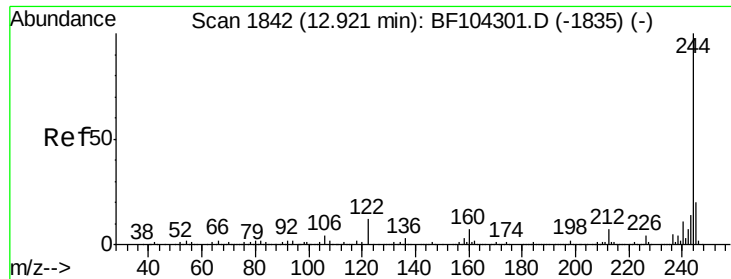
Delta R.T. -0.01 min

Lab File: BF104480.D

Acq: 13 Apr 2018 16:01

Tgt Ion:	202	Resp:	60153
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.4	26.2
203	19.2	14.3	21.5





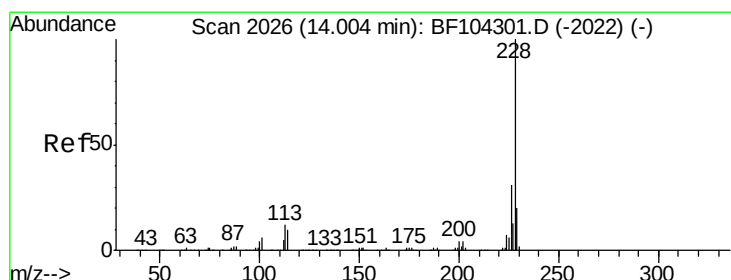
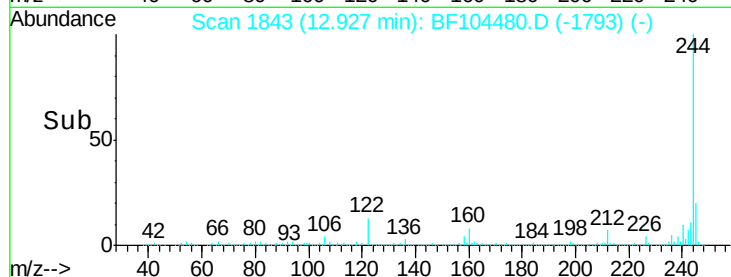
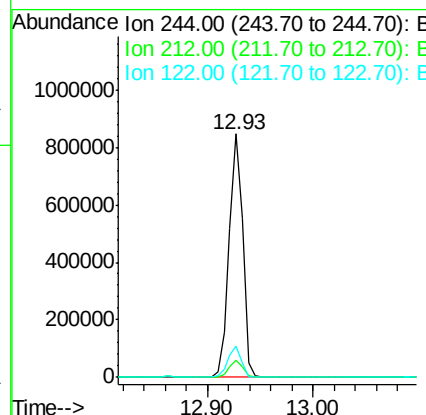
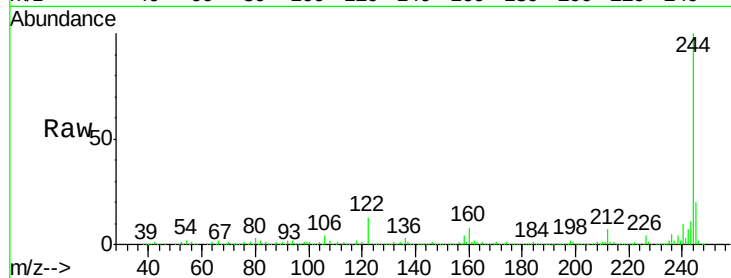
#78
 Terphenyl-d14
 Concen: 64.558 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF104480.D
 Acq: 13 Apr 2018 16:01

Instrument :
 BNA_F
 ClientSampled :
 SP-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.6	11.0	16.4

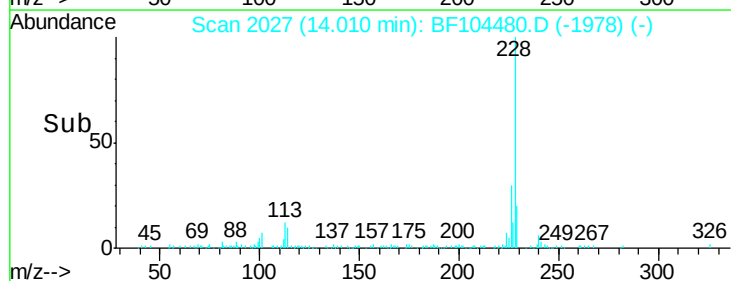
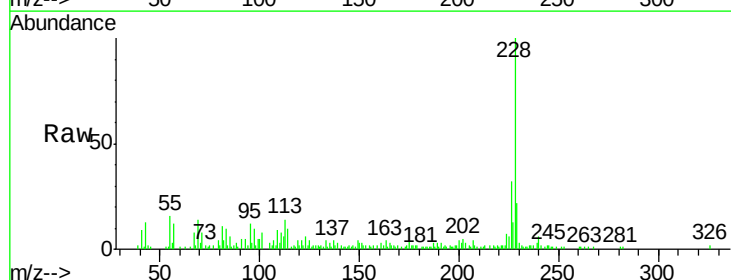
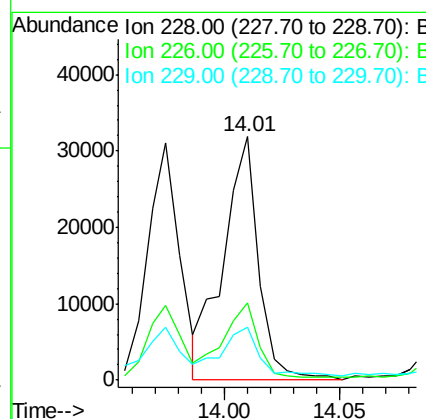
Manual Integrations
 APPROVED

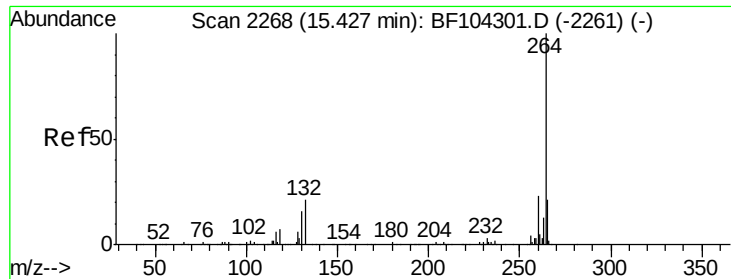
Sohil
 4/16/2018 3:10:12 PM



#82
 Chrysene
 Concen: 2.050 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF104480.D
 Acq: 13 Apr 2018 16:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	21.8	16.2	24.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF104480.D

Acq: 13 Apr 2018 16:01

Instrument :

BNA_F

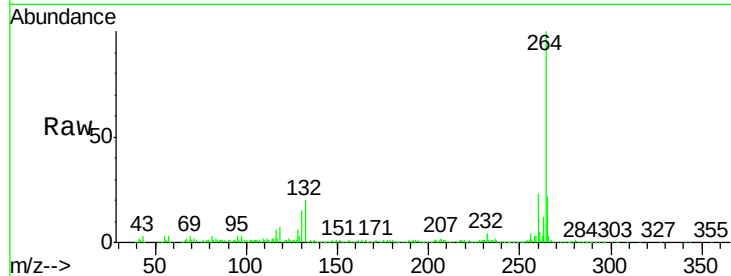
ClientSampled :

SP-B

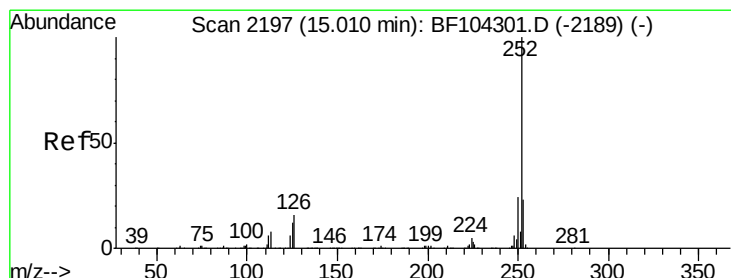
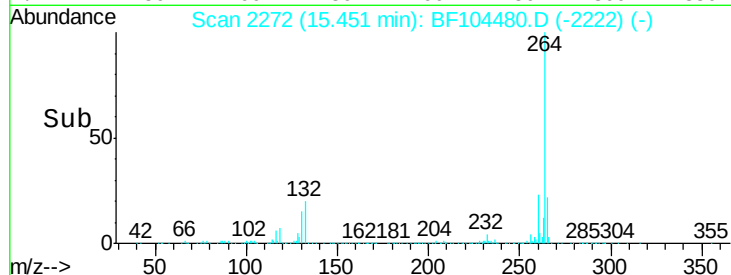
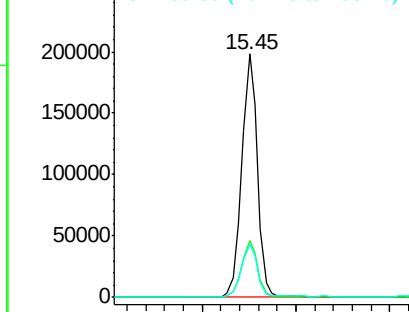
Tot Ion:	264	Resp:	231486
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	21.8	17.5	26.3

Manual Integrations
APPROVED

Sohil
4/16/2018 3:10:12 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: 2.622 ng m

RT: 15.02 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BF104480.D

Acq: 13 Apr 2018 16:01

Tgt Ion:	252	Resp:	38339
Ion Ratio	Lower	Upper	
252	100		
253	26.2	17.0	25.6#
125	16.6	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

