

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110425.D
 Acq On : 2 Nov 2018 21:24
 Operator : JU/SJ
 Sample : J5767-07 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-110118-D

Manual Integrations
 APPROVED

Sohil
 11/5/2018 10:32:48 AM

Quant Time: Nov 03 00:44:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	88485	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	352388	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	136146	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	216377	20.00	ng	0.00
76) Chrysene-d12	14.13	240	176104	20.00	ng	0.00
87) Perylene-d12	15.66	264	128222	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	118853	21.87	ng	0.00
7) Phenol-d6	6.57	99	153317	22.06	ng	-0.01
23) Nitrobenzene-d5	7.52	82	87629	14.75	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	23060	17.10	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	171532	19.78	ng	0.00
79) Terphenyl-d14	13.07	244	129642	15.31	ng	0.00
Target Compounds						
75) Fluoranthene	12.70	202	31889	2.775	ng	99
78) Pyrene	12.93	202	32904	2.606	ng	98
88) Benzo(b)fluoranthene	15.20	252	18429m	2.489	ng	
90) Benzo(a)pyrene	15.59	252	13656	2.004	ng	# 83

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

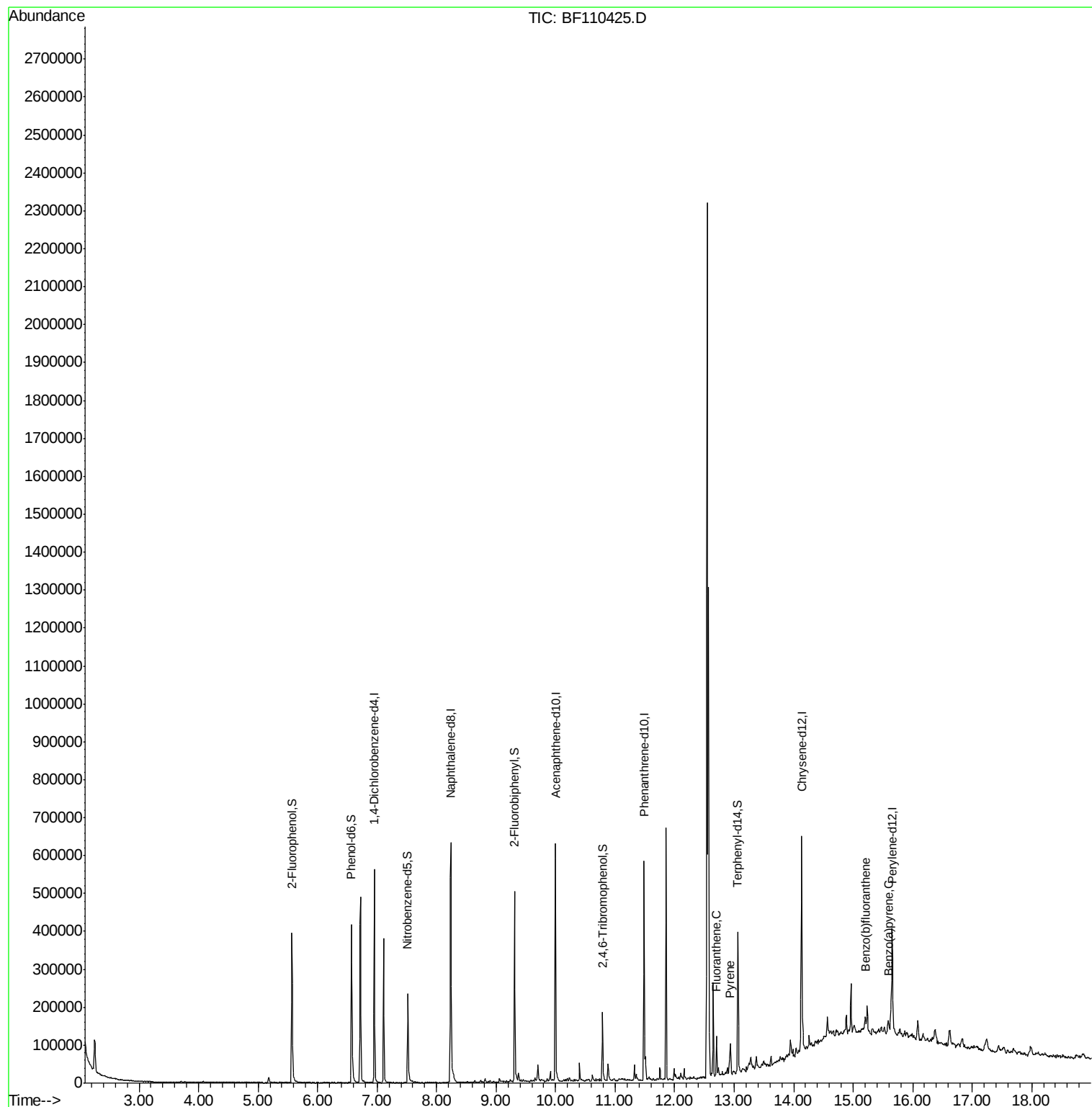
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110425.D
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Operator : JU/SJ
Sample : J5767-07 5X
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ALS Vial : 14 Sample Multiplier: 1

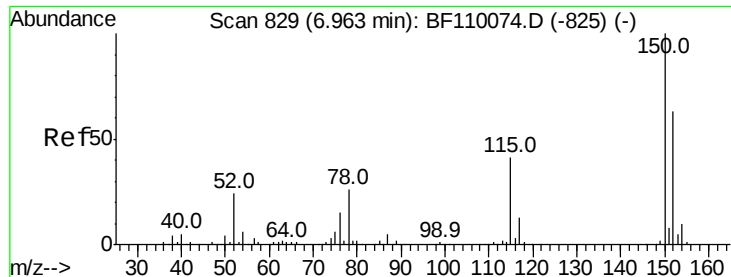
Instrument :
BNA_F
ClientSampleId :
CL-02-110118-D

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11/5/2018 10:32:48 AM

Quant Time: Nov 03 00:44:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

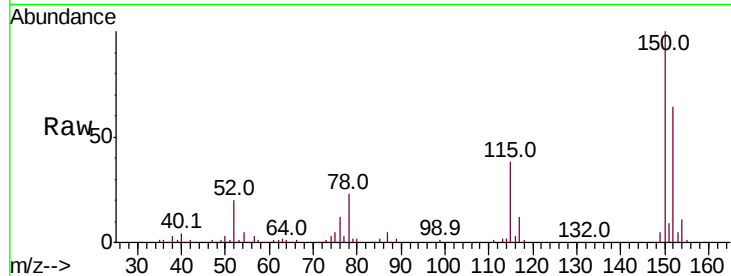
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Instrument :
BNA_F
ClientSampleId :
CL-02-110118-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.7	184.1
115	59.3	49.1	73.7

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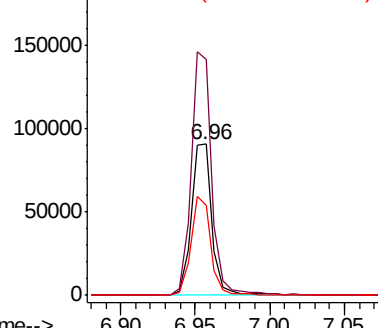


Abundance

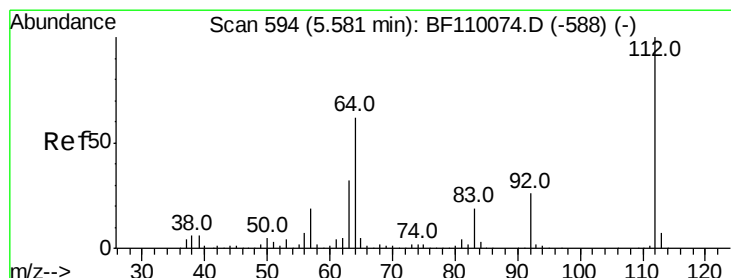
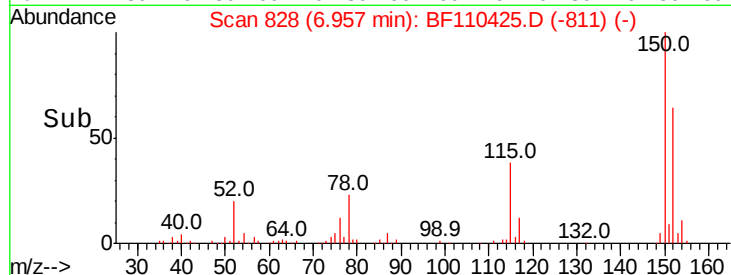
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



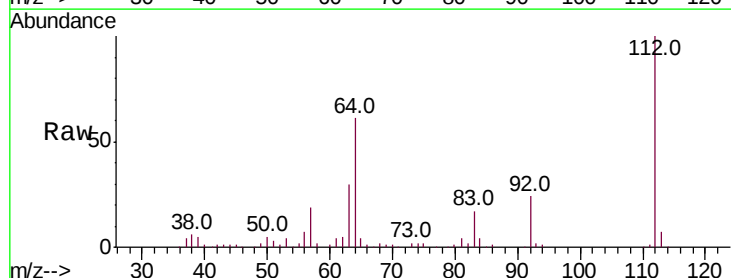
Time-->



#5

2-Fluorophenol
Concen: 21.873 ng
RT: 5.57 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	44.1	66.1
63	29.5	23.7	35.5

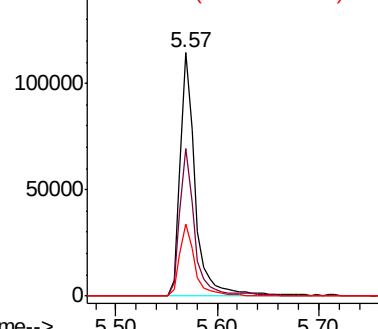


Abundance

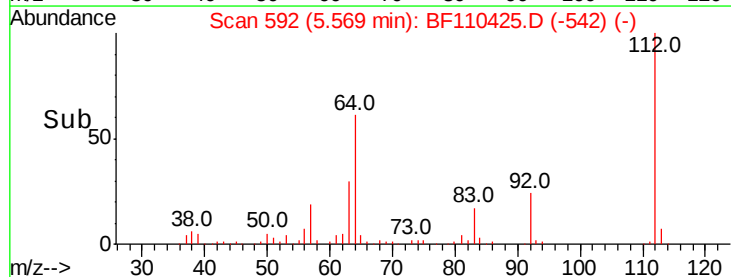
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 22.060 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110425.D

Acq: 2 Nov 2018 21:24

Instrument :

BNA_F

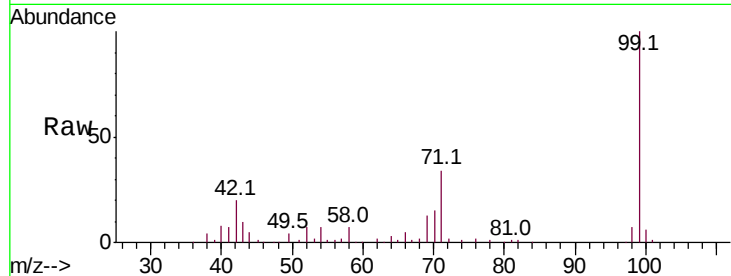
ClientSampled :

CL-02-110118-D

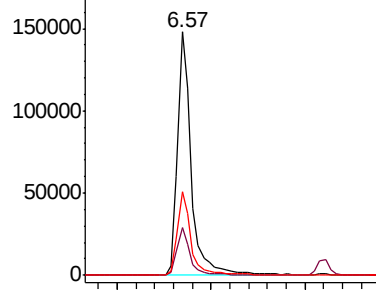
Tot Ion:	99	Resp:	153317
Ion Ratio	Lower	Upper	
99	100		
42	19.8	15.8	23.6
71	34.3	28.0	42.0

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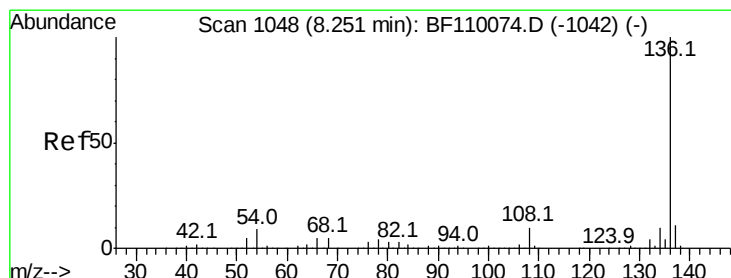
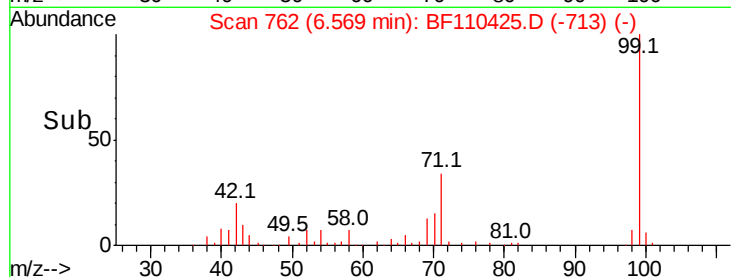
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

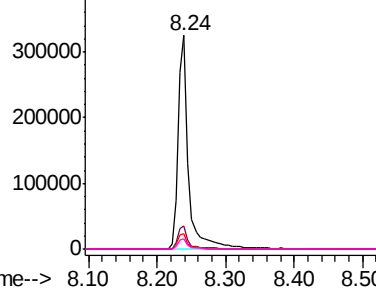
Delta R.T. -0.00 min

Lab File: BF110425.D

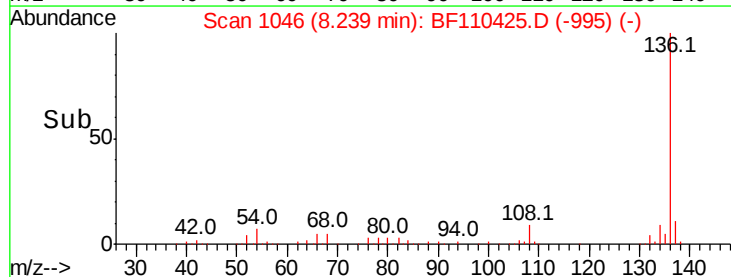
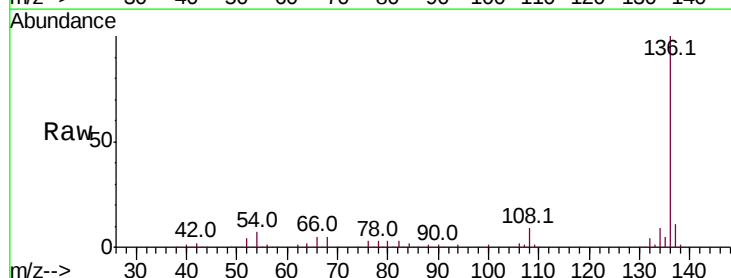
Acq: 2 Nov 2018 21:24

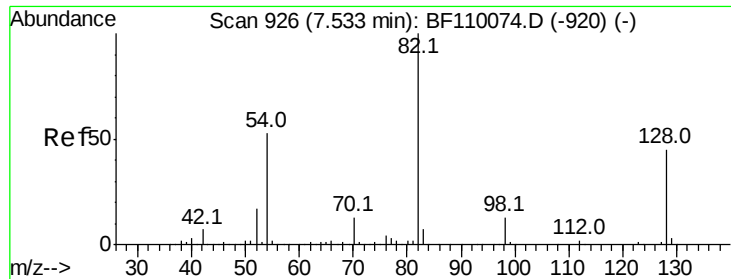
Tgt Ion:	136	Resp:	352388
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	7.2	5.4	8.2
68	4.7	4.2	6.2

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



Time-->





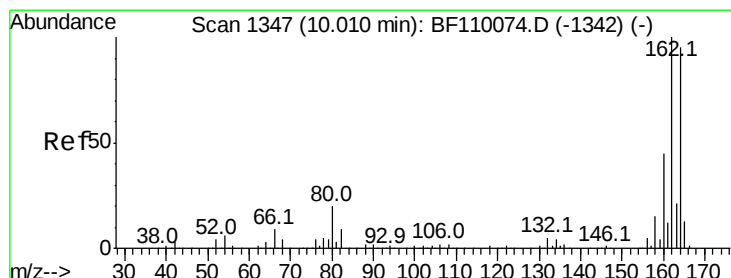
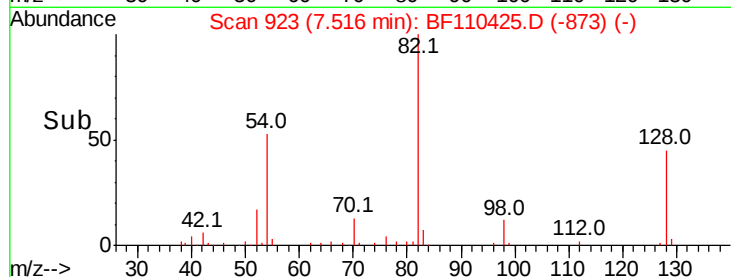
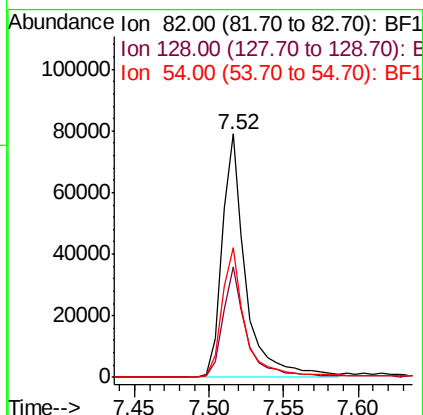
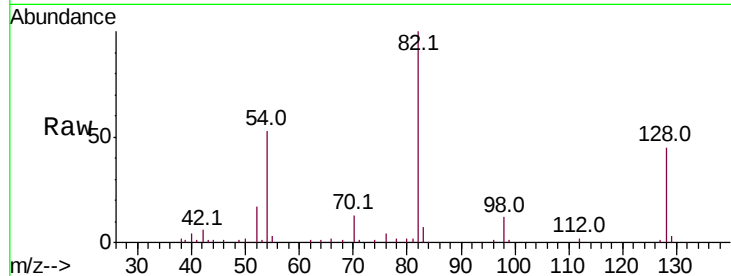
#23
Nitrobenzene-d5
Concen: 14.750 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Instrument :
BNA_F
ClientSampled :
CL-02-110118-D

Tot Ion	82	Resp	87629
Ion Ratio	100	Lower	Upper
128	45.5	34.2	51.2
54	53.3	38.6	58.0

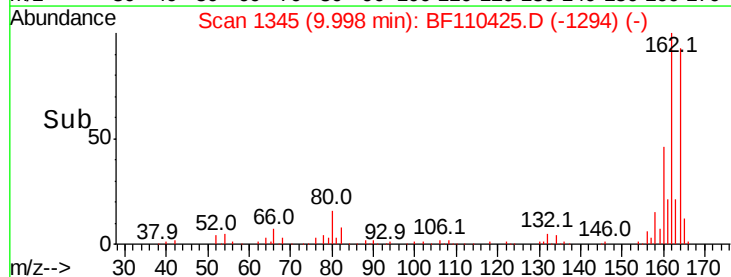
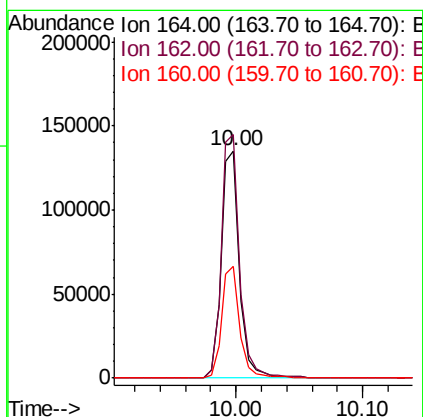
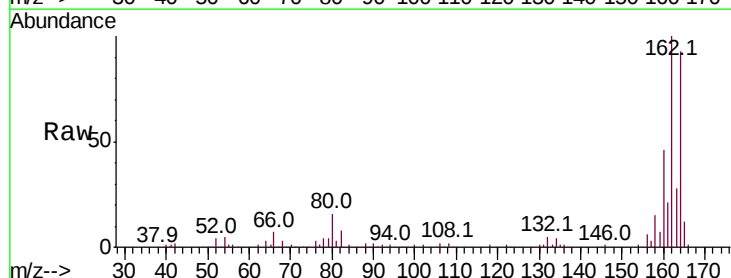
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Tgt Ion	164	Resp	136146
Ion Ratio	100	Lower	Upper
162	107.0	83.0	124.6
160	49.2	37.0	55.6





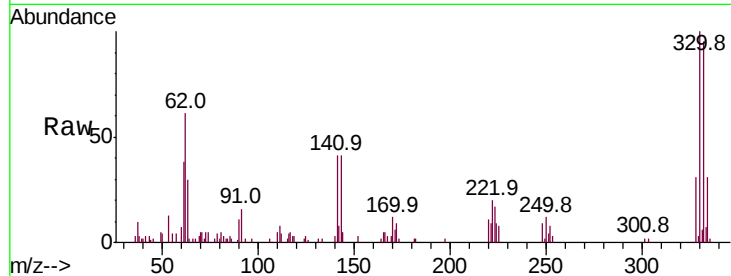
#42
 2,4,6-Tribromophenol
 Concen: 17.099 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110425.D
 Acq: 2 Nov 2018 21:24

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-110118-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	38.0	27.0	40.4

Manual Integrations
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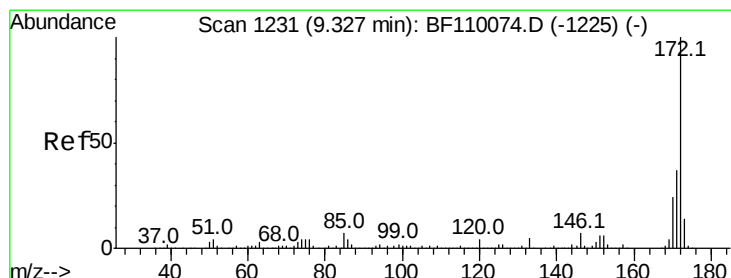
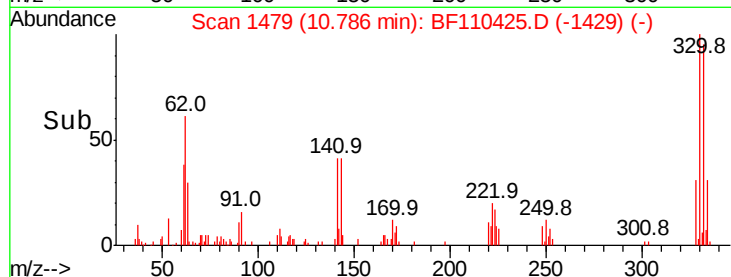
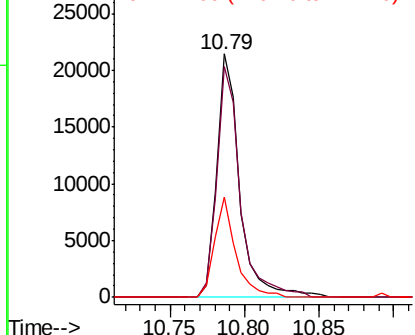


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 19.784 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110425.D
 Acq: 2 Nov 2018 21:24

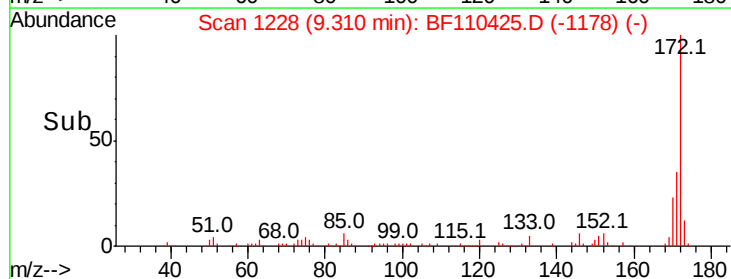
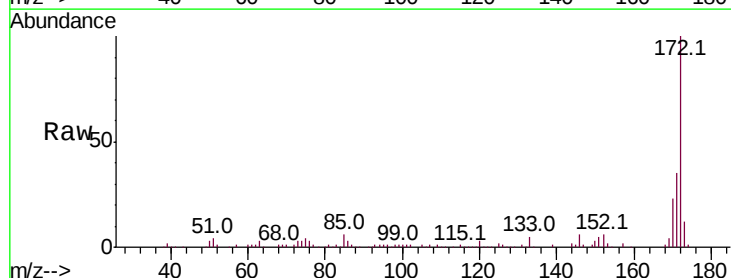
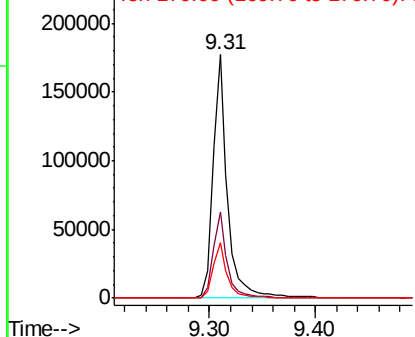
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	22.9	19.7	29.5

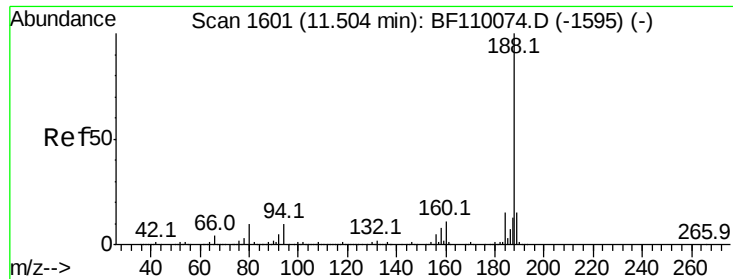
Abundance

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





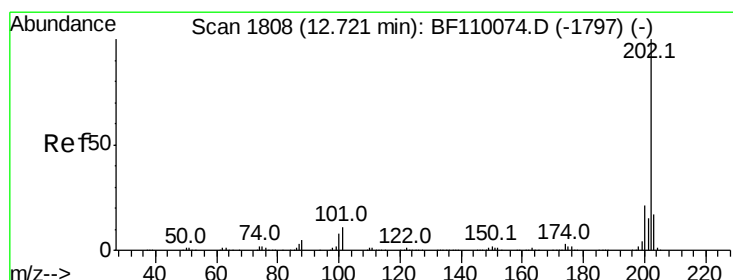
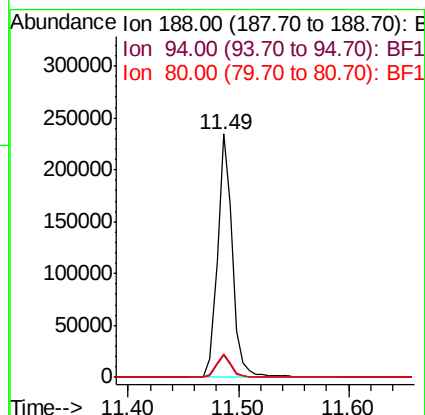
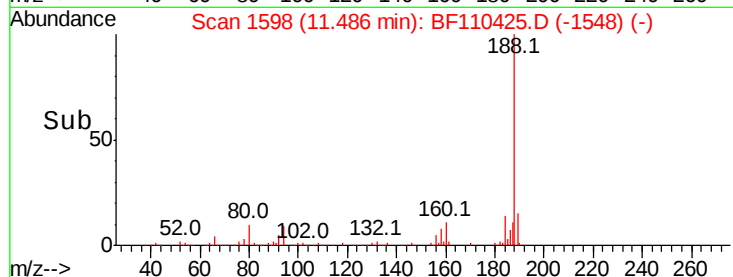
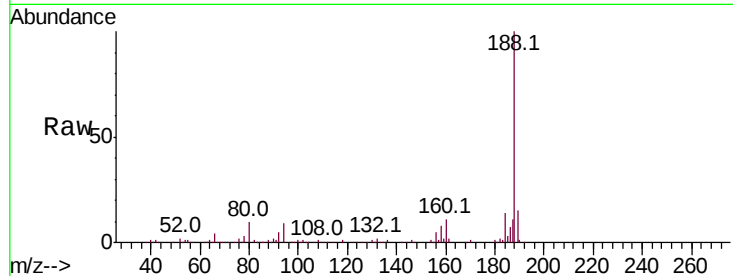
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Instrument :
BNA_F
ClientSampleId :
CL-02-110118-D

Tot Ion	Ratio	Resp	Lower	Upper
188	100	216377		
94	9.1	7.2	10.8	
80	9.6	7.9	11.9	

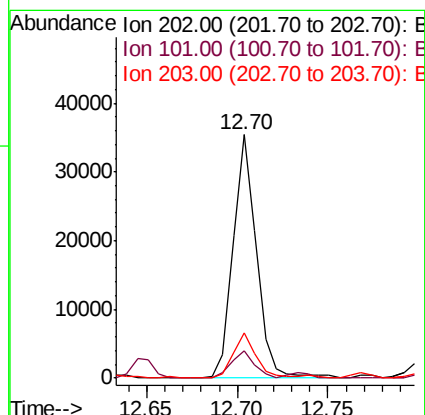
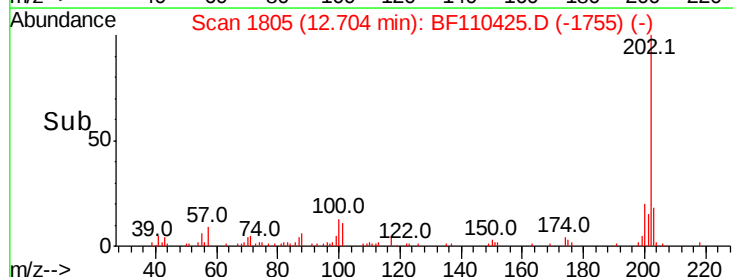
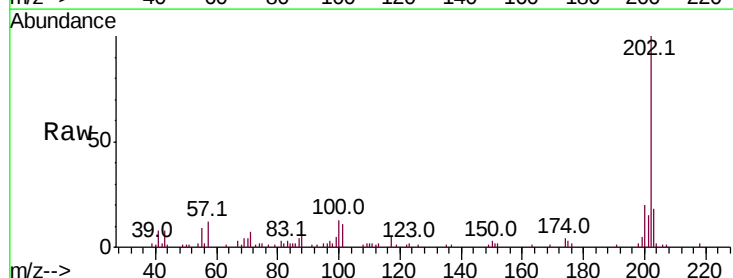
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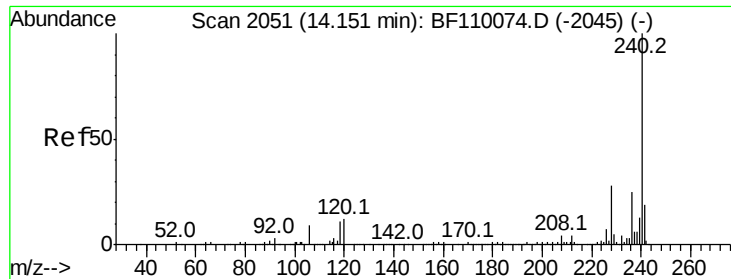
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#75
Fluoranthene
Concen: 2.775 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	31889		
101	11.3	0.0	31.4	
203	18.4	0.0	37.7	





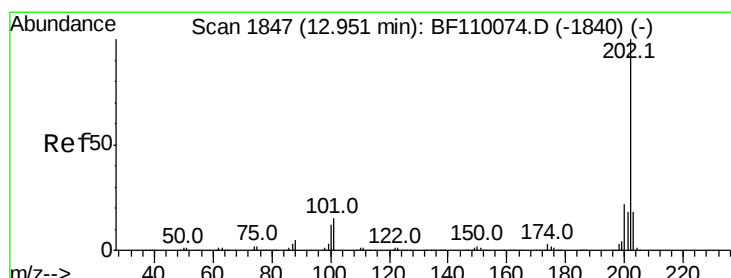
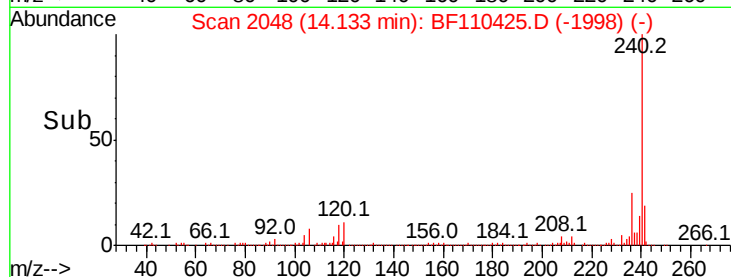
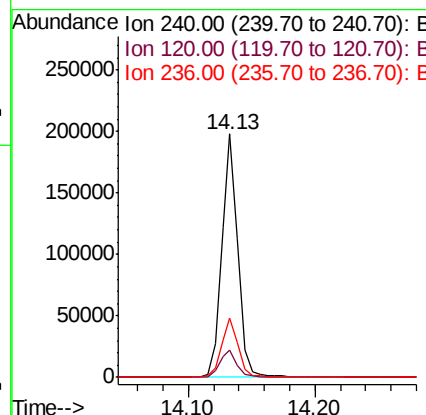
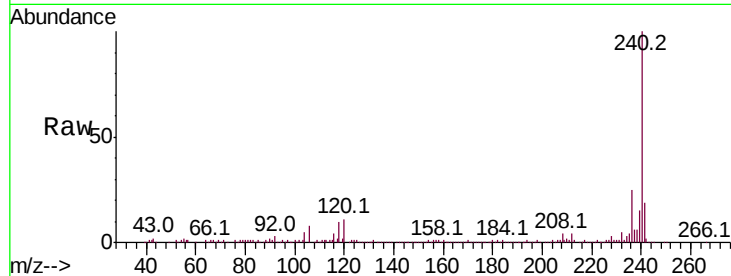
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Instrument :
BNA_F
ClientSampleId :
CL-02-110118-D

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	24.6	21.2	31.8

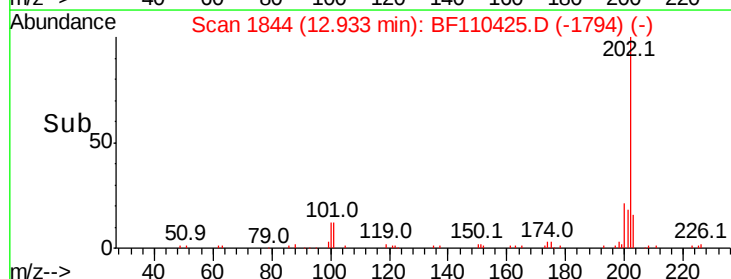
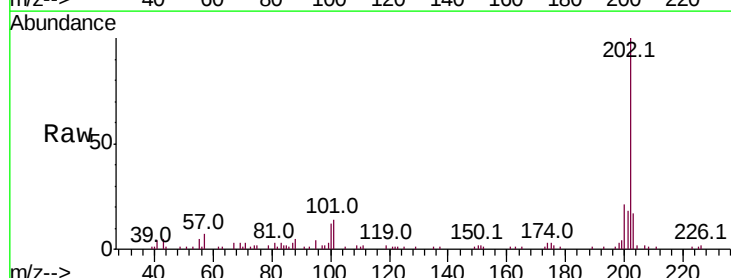
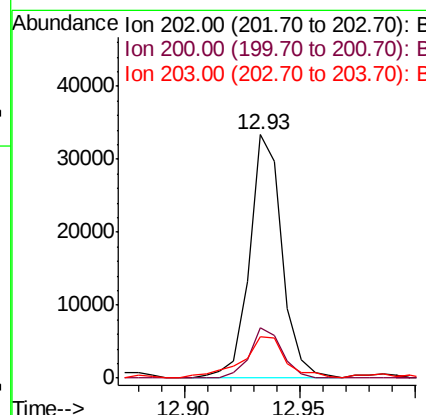
Manual Integrations
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#78
Pyrene
Concen: 2.606 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	17.2	14.2	21.4





#79

Terphenyl-d14

Concen: 15.310 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110425.D

Acq: 2 Nov 2018 21:24

Instrument :

BNA_F

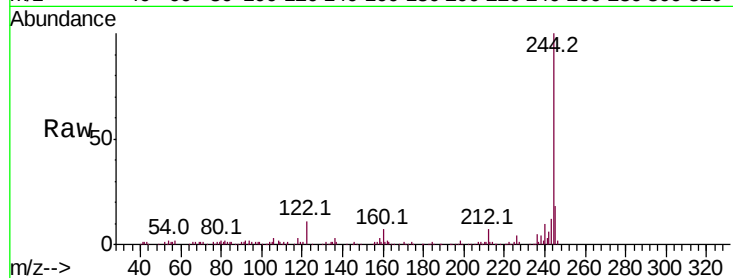
ClientSampleId :

CL-02-110118-D

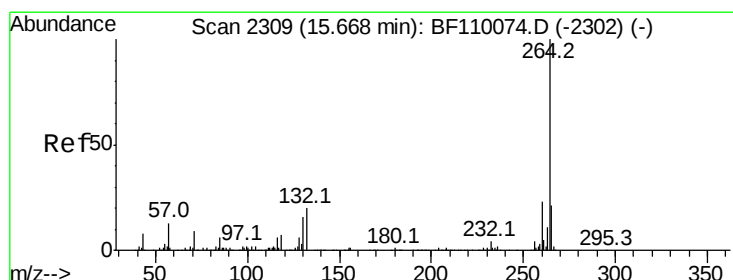
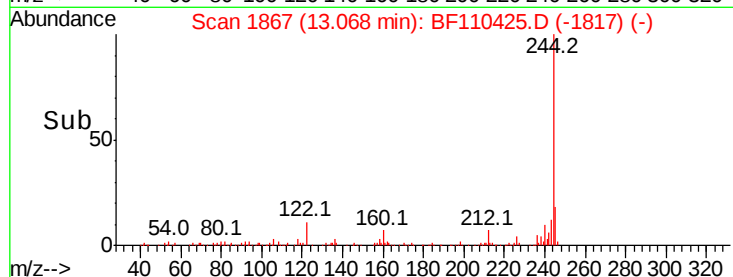
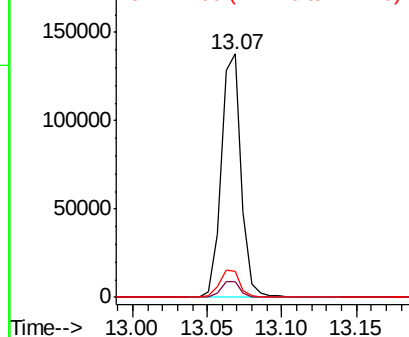
Tot Ion:	244	Resp:	129642
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.8	8.8
122	10.6	8.7	13.1

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

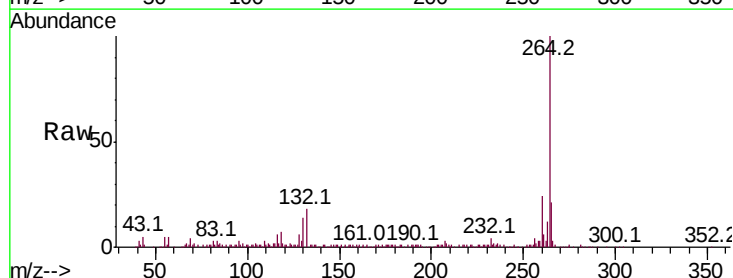
RT: 15.66 min Scan# 2307

Delta R.T. -0.00 min

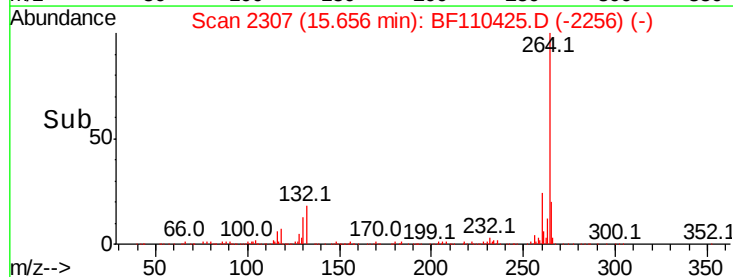
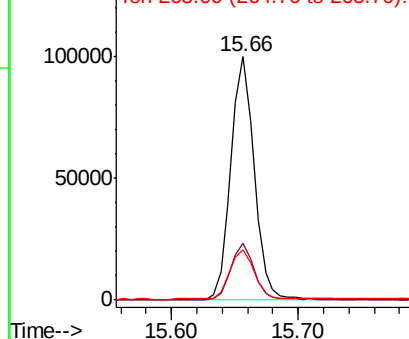
Lab File: BF110425.D

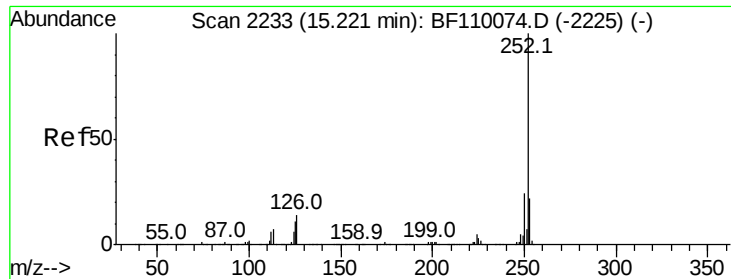
Acq: 2 Nov 2018 21:24

Tgt Ion:	264	Resp:	128222
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.7	28.1
265	20.7	16.7	25.1



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





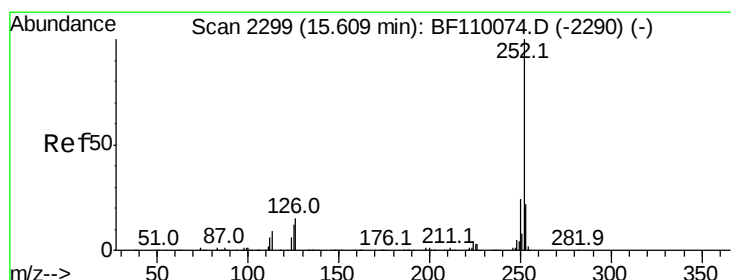
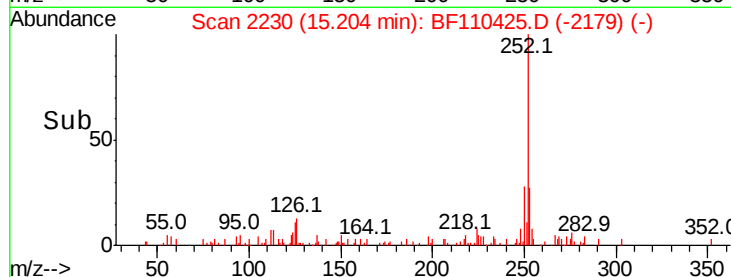
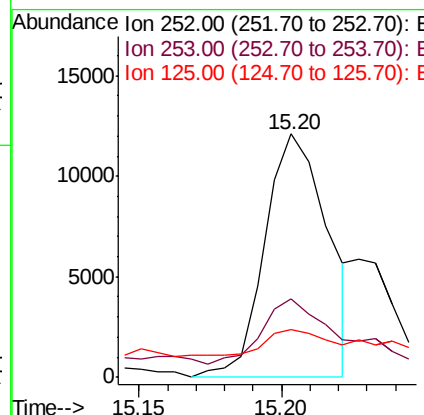
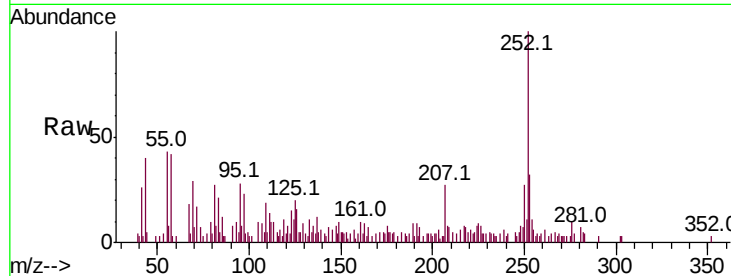
#88
Benzo(b)fluoranthene
Concen: 2.489 ng m
RT: 15.20 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Instrument :
BNA_F
ClientSampleId :
CL-02-110118-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.1	17.2	25.8#
125	19.6	8.2	12.4#

Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:48 AM



#90
Benzo(a)pyrene
Concen: 2.004 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	18.2	27.4#
125	21.6	9.0	13.6#

