

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110430.D
 Acq On : 2 Nov 2018 23:42
 Operator : JU/SJ
 Sample : J5769-05 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WAGARAW-RD-3

Manual Integrations
 APPROVED

Sohil
 11/5/2018 10:32:51 AM

Quant Time: Nov 03 01:05:00 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	92034	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	355061	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	140384	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	221429	20.00	ng	0.00
76) Chrysene-d12	14.13	240	154152	20.00	ng	0.00
87) Perylene-d12	15.66	264	112012	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	265099	46.91	ng	0.00
7) Phenol-d6	6.57	99	337313	46.66	ng	0.00
23) Nitrobenzene-d5	7.52	82	195029	32.58	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	55880	40.18	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	372869	41.71	ng	0.00
79) Terphenyl-d14	13.07	244	276964	37.37	ng	0.00
Target Compounds						
10) Phenol	6.59	94	20623	2.669	ng	Qvalue # 77
50) Dimethylphthalate	9.70	163	49271	4.755	ng	99
71) Phenanthrene	11.51	178	41144	3.551	ng	97
75) Fluoranthene	12.70	202	66379	5.645	ng	99
78) Pyrene	12.93	202	69719	6.309	ng	98
81) Benzo(a)anthracene	14.12	228	30282	3.313	ng	# 91
83) Chrysene	14.16	228	32218	3.711	ng	96
88) Benzo(b)fluoranthene	15.20	252	38479m	5.949	ng	
90) Benzo(a)pyrene	15.59	252	21654	3.638	ng	# 93
92) Benzo(g,h,i)perylene	17.70	276	16274	3.216	ng	# 90

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

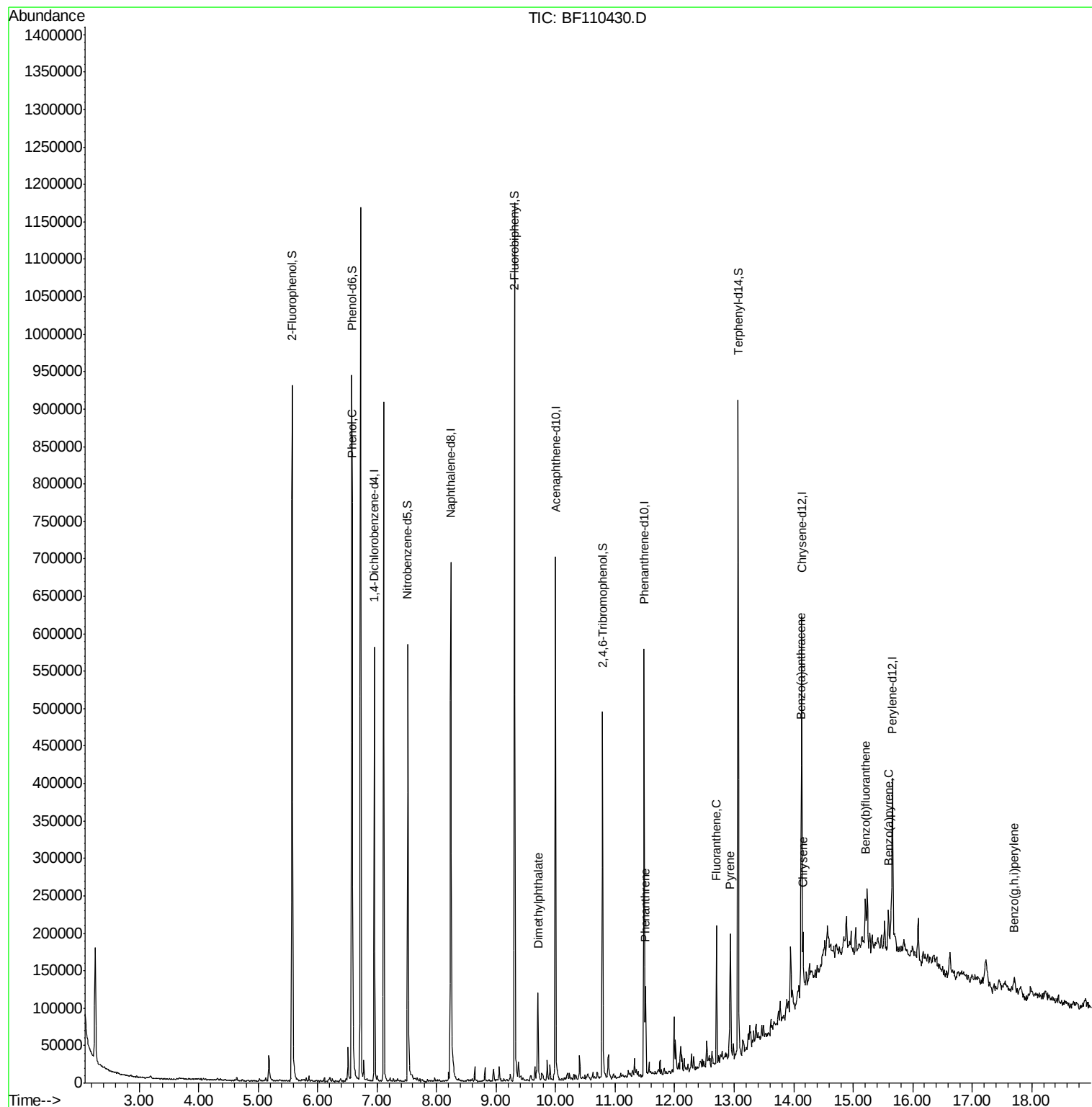
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110430.D
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Sample : J5769-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

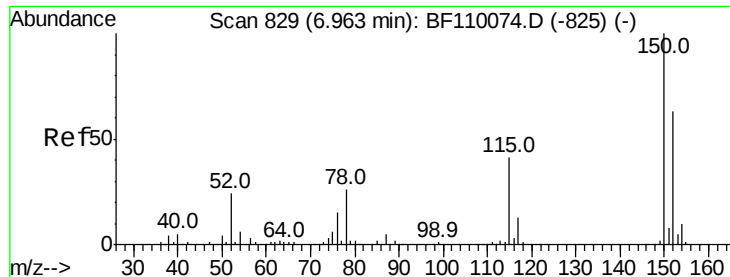
Instrument :
BNA_F
ClientSampleId :
WAGARAW-RD-3

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11/5/2018 10:32:51 AM

Quant Time: Nov 03 01:05:00 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





#1

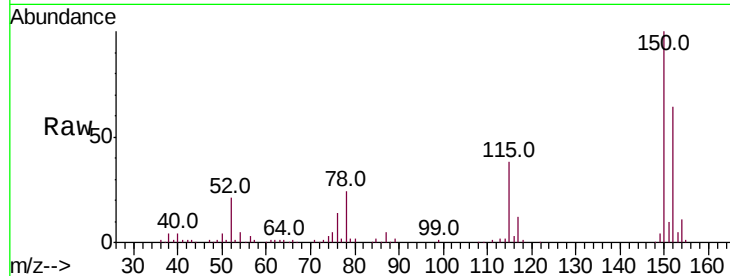
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF110430.D
Acq: 2 Nov 2018 23:42

Instrument :
BNA_F
ClientSampleId :
WAGARAW-RD-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.7	184.1
115	58.6	49.1	73.7

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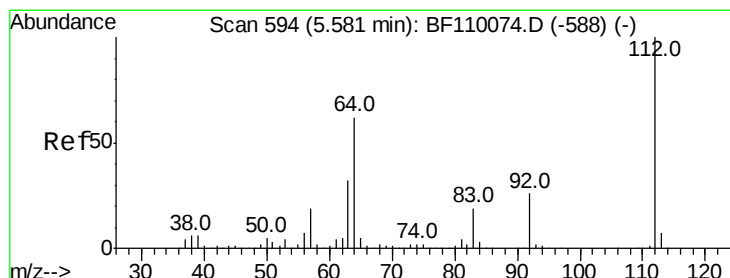
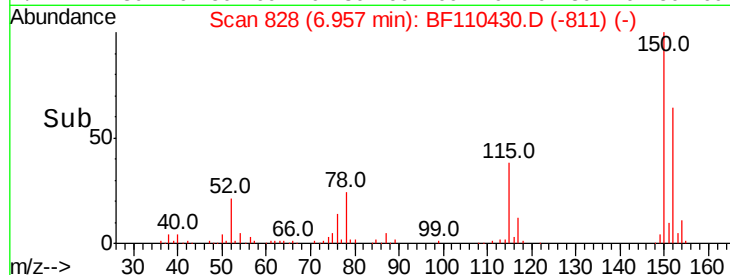
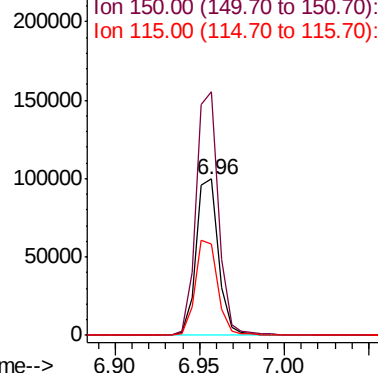


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

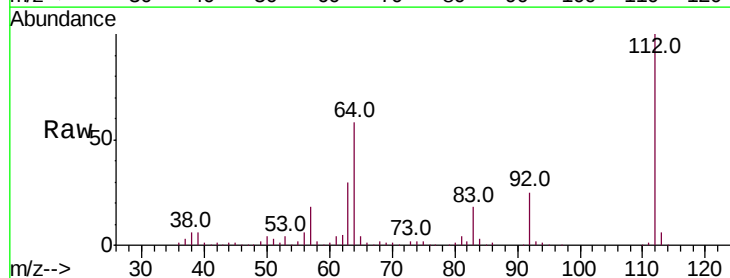
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.907 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110430.D
Acq: 2 Nov 2018 23:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.1	66.1
63	30.0	23.7	35.5

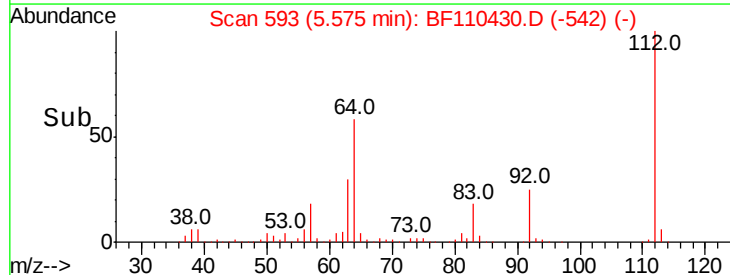
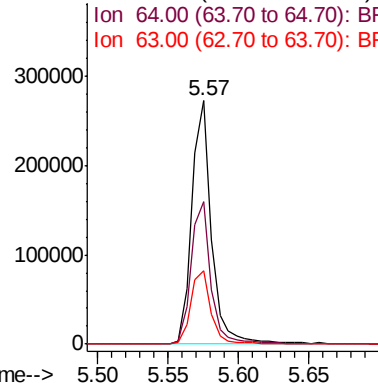


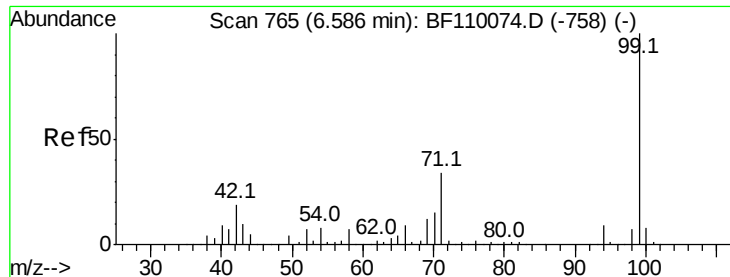
Abundance

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: 46.662 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110430.D

Acq: 2 Nov 2018 23:42

Instrument :

BNA_F

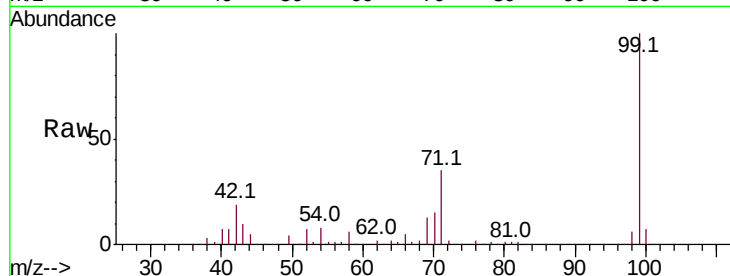
ClientSampleId :

WAGARAW-RD-3

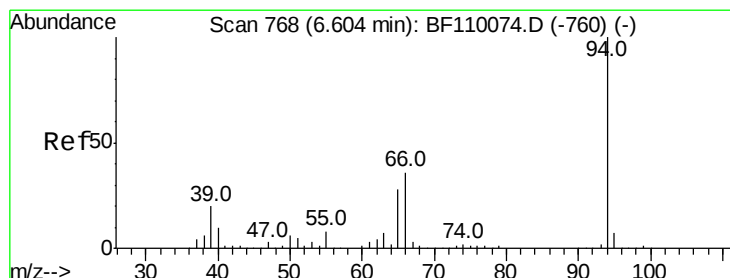
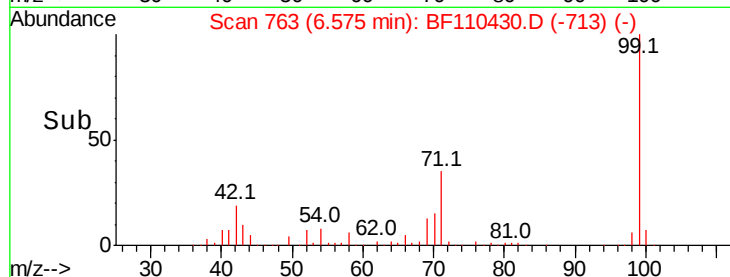
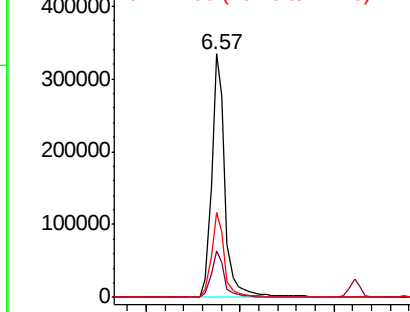
Tot Ion:	99	Resp:	337313
Ion Ratio	Lower	Upper	
99	100		
42	19.3	15.8	23.6
71	34.7	28.0	42.0

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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



#10

Phenol

Concen: 2.669 ng

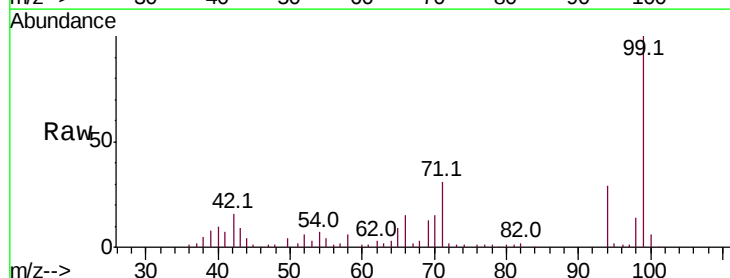
RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

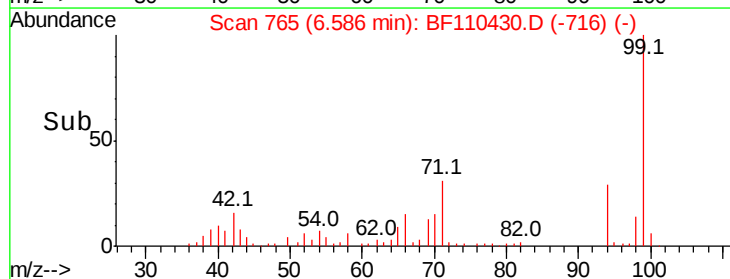
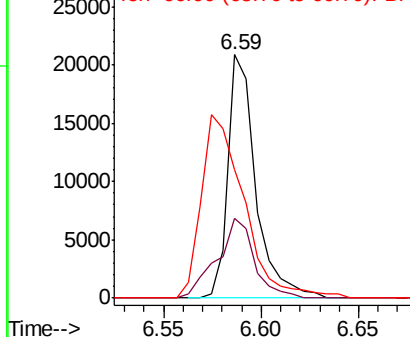
Lab File: BF110430.D

Acq: 2 Nov 2018 23:42

Tgt Ion:	94	Resp:	20623
Ion Ratio	Lower	Upper	
94	100		
65	32.8	25.3	65.3
66	52.7	54.5	94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





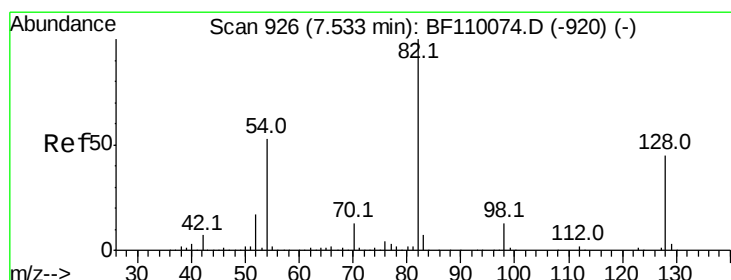
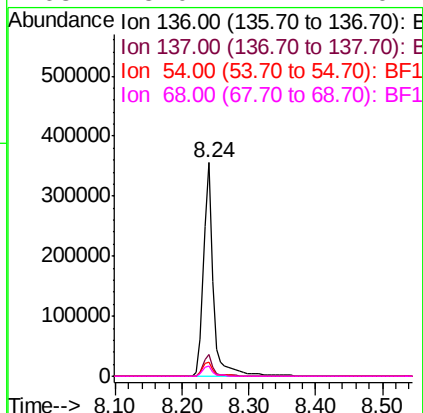
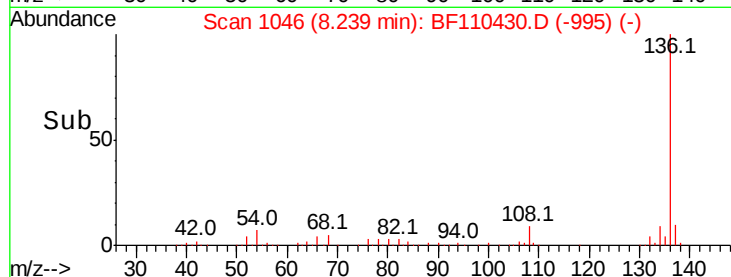
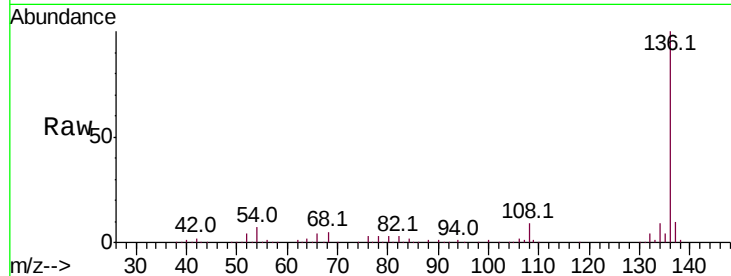
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110430.D
Acq: 2 Nov 2018 23:42

Instrument :
BNA_F
ClientSampleId :
WAGARAW-RD-3

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.8	13.2	
54	6.9	5.4	8.2	
68	5.0	4.2	6.2	

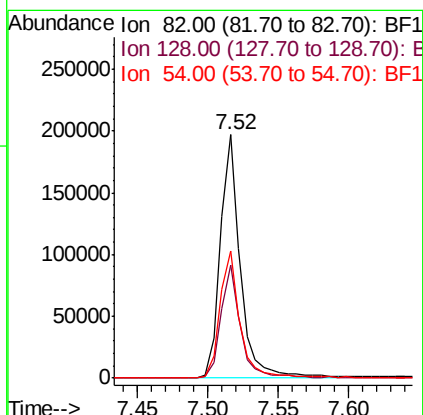
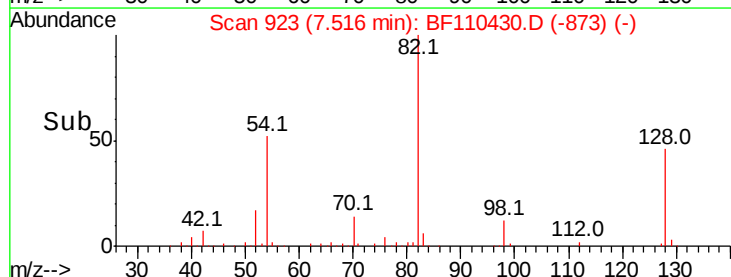
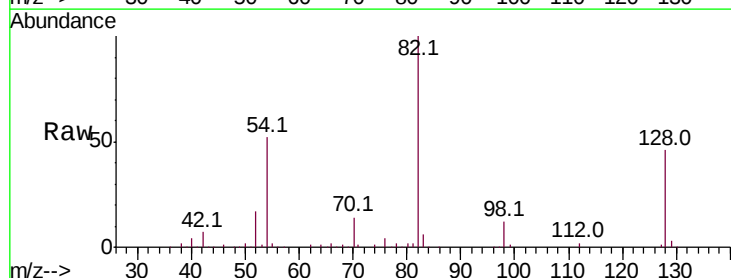
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#23
Nitrobenzene-d5
Concen: 32.580 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110430.D
Acq: 2 Nov 2018 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.3	34.2	51.2	
54	52.3	38.6	58.0	





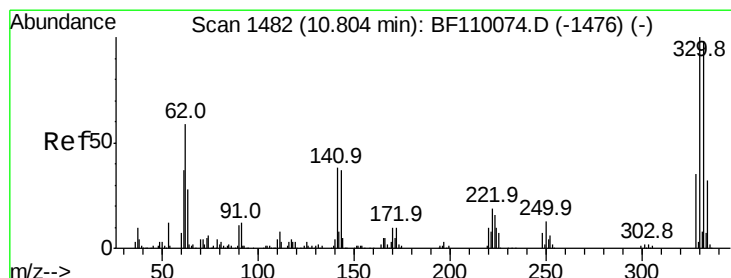
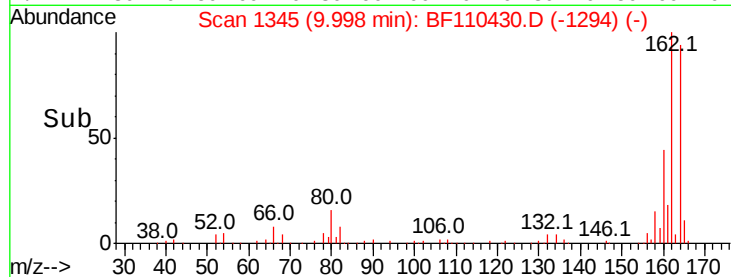
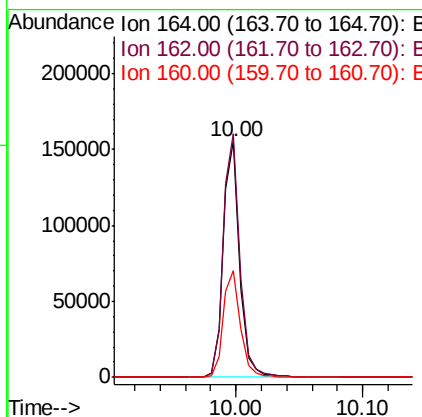
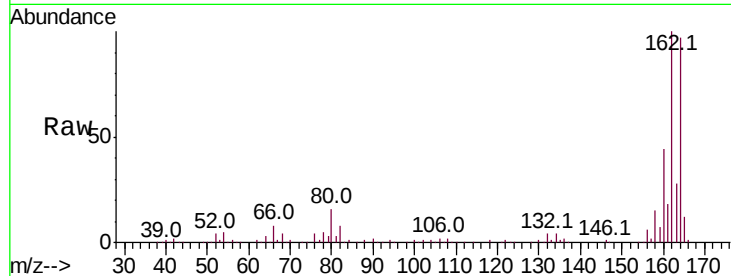
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF110430.D
Acq: 2 Nov 2018 23:42

Instrument :
BNA_F
ClientSampleId :
WAGARAW-RD-3

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.0	124.6
160	45.4	37.0	55.6

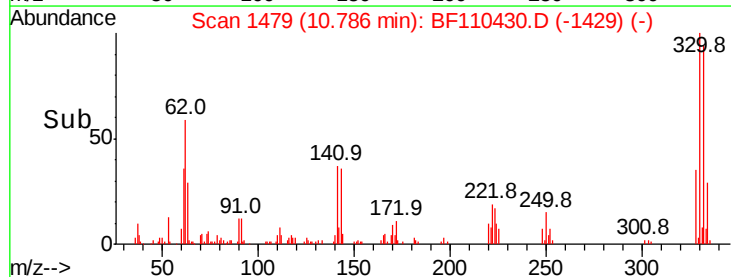
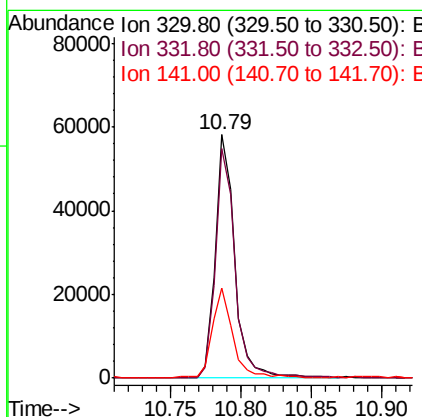
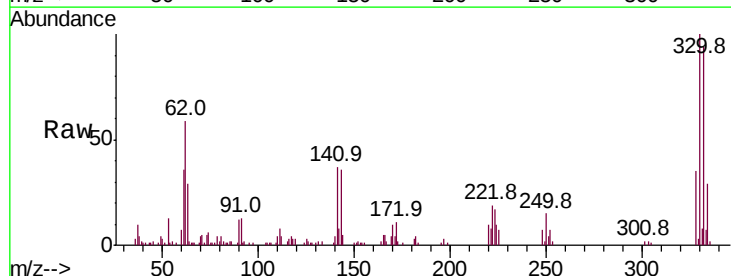
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#42
2,4,6-Tribromophenol
Concen: 40.184 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110430.D
Acq: 2 Nov 2018 23:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	39.6	27.0	40.4





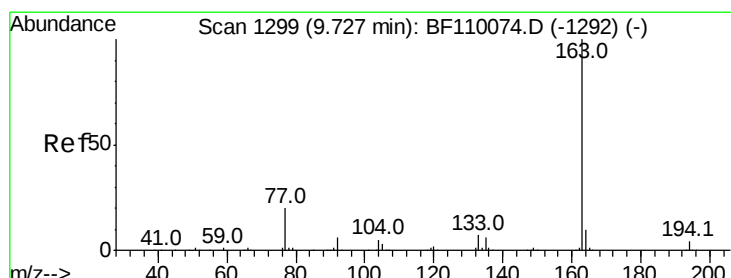
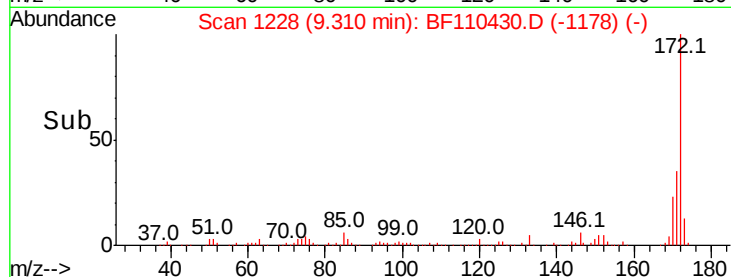
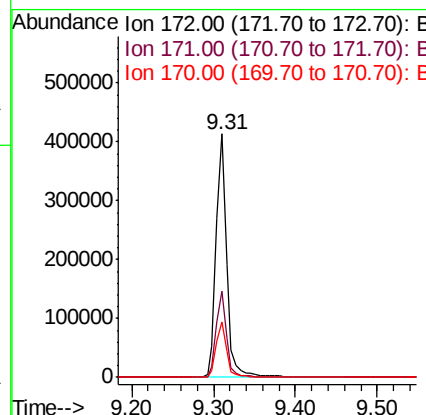
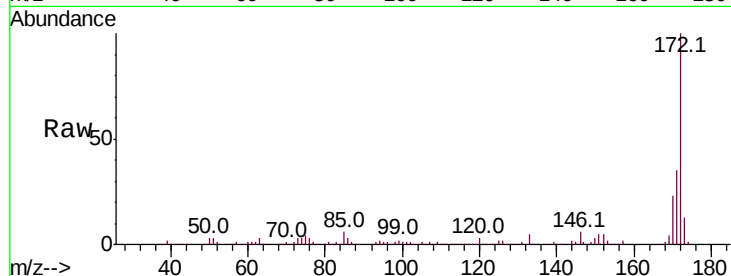
#45
2-Fluorobiphenyl
Concen: 41.707 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110430.D
Acq: 2 Nov 2018 23:42

Instrument :
BNA_F
ClientSampleId :
WAGARAW-RD-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.0	19.7	29.5

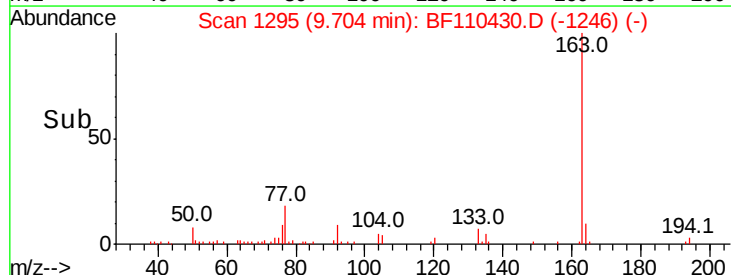
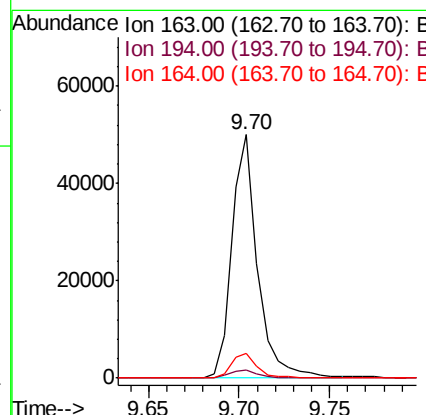
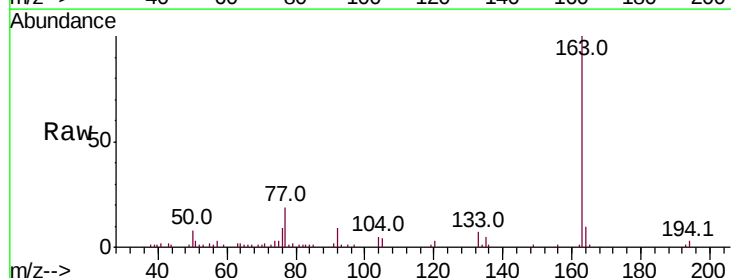
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#50
Dimethylphthalate
Concen: 4.755 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110430.D
Acq: 2 Nov 2018 23:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.1	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110430.D

Acq: 2 Nov 2018 23:42

Instrument :

BNA_F

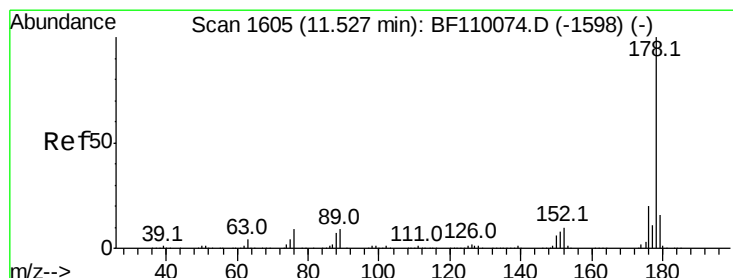
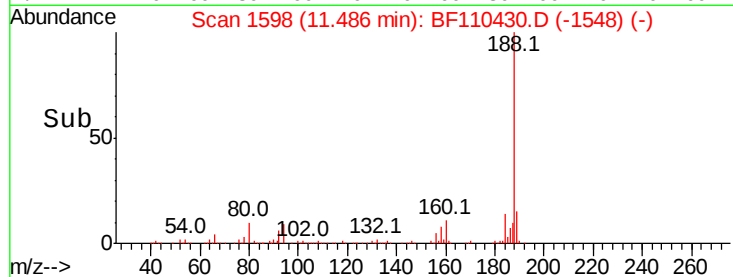
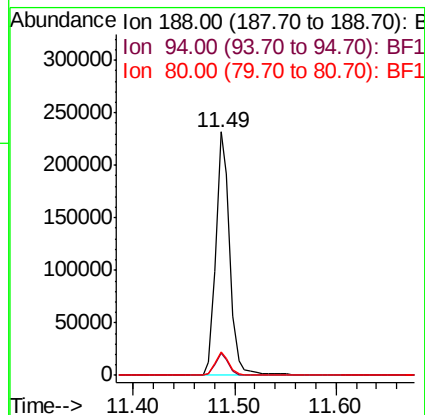
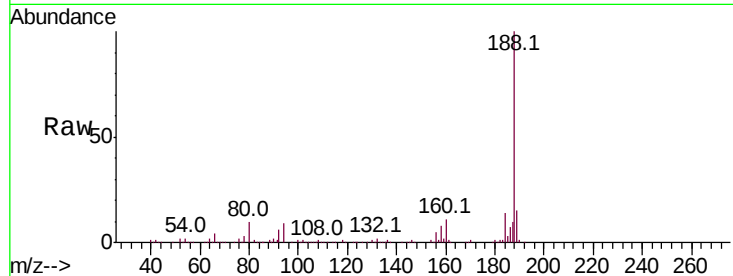
ClientSampleId :

WAGARAW-RD-3

Tot Ion:	188	Resp:	221429
Ion Ratio	Lower	Upper	
188	100		
94	9.1	7.2	10.8
80	9.6	7.9	11.9

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#71

Phenanthrene

Concen: 3.551 ng

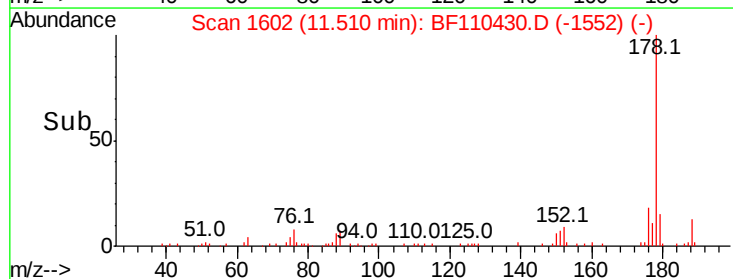
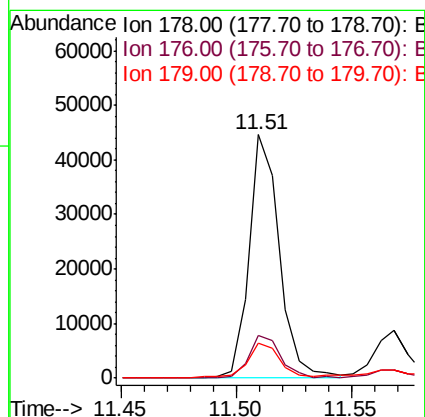
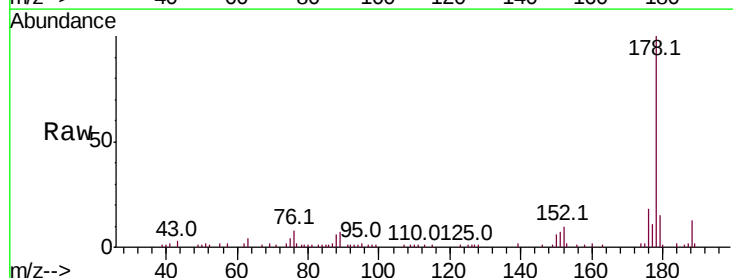
RT: 11.51 min Scan# 1602

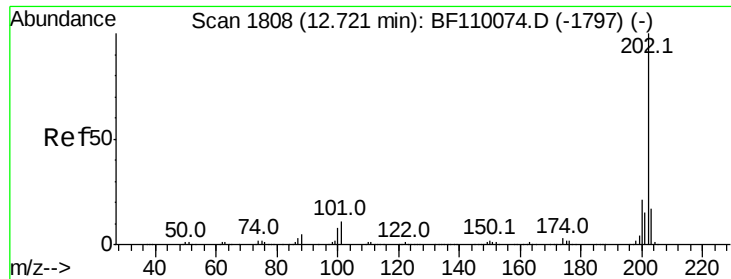
Delta R.T. -0.01 min

Lab File: BF110430.D

Acq: 2 Nov 2018 23:42

Tgt Ion:	178	Resp:	41144
Ion Ratio	Lower	Upper	
178	100		
176	17.7	15.5	23.3
179	14.6	12.5	18.7





#75

Fluoranthene

Concen: 5.645 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110430.D

Acq: 2 Nov 2018 23:42

Instrument :

BNA_F

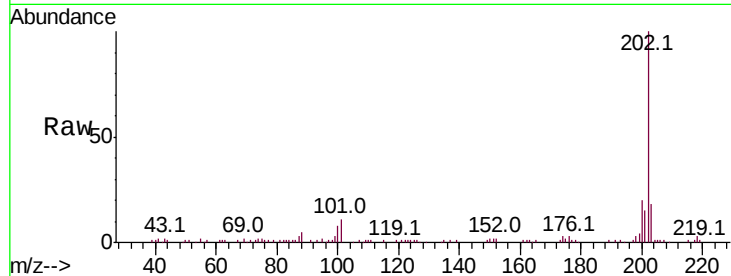
ClientSampleId :

WAGARAW-RD-3

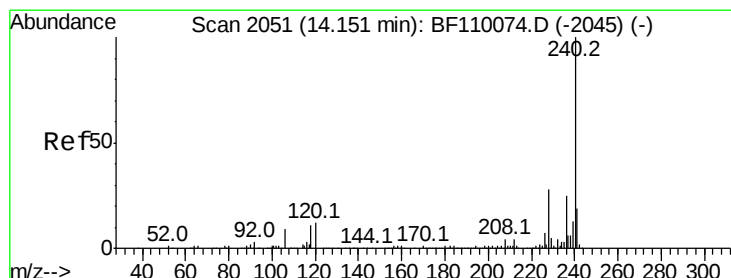
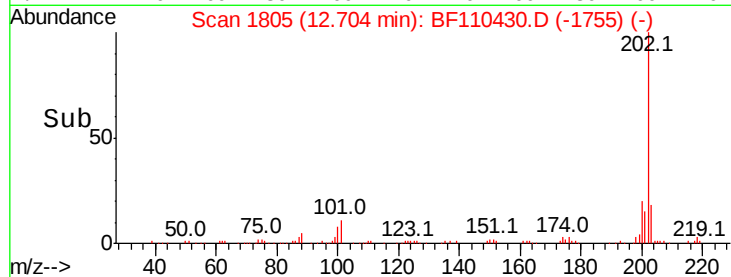
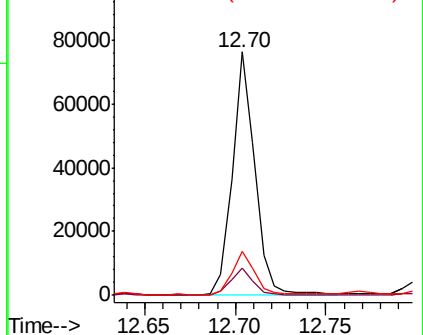
Tot Ion	Ratio	Resp	Lower	Upper
202	100	66379		
101	11.2		0.0	31.4
203	17.9		0.0	37.7

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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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

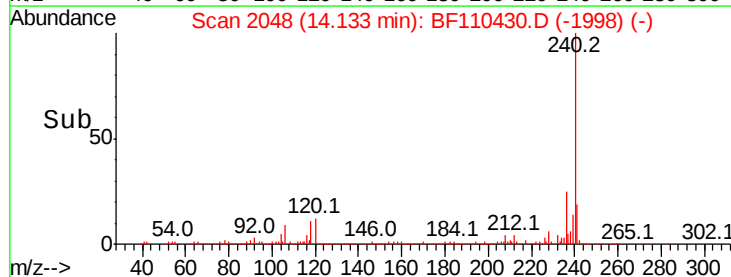
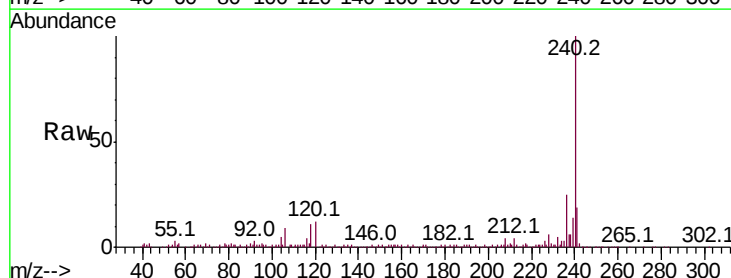
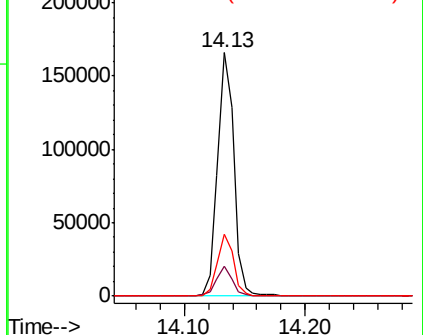
Delta R.T. -0.01 min

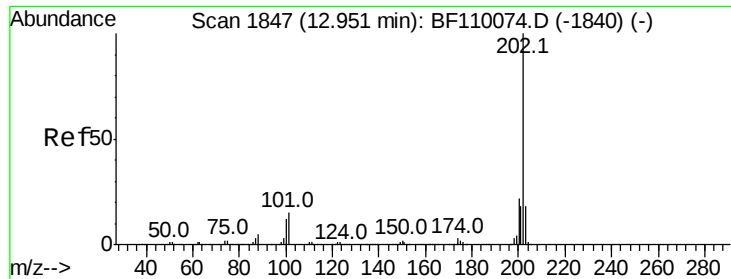
Lab File: BF110430.D

Acq: 2 Nov 2018 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	154152		
120	12.0		8.3	12.5
236	25.2		21.2	31.8

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





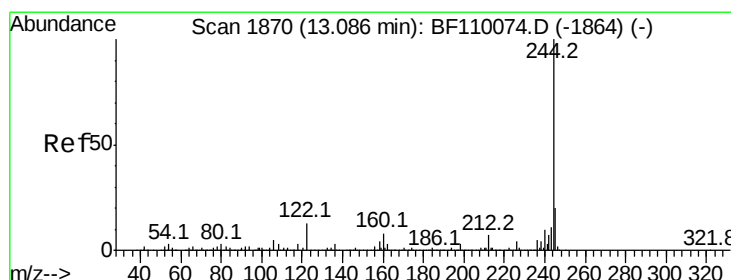
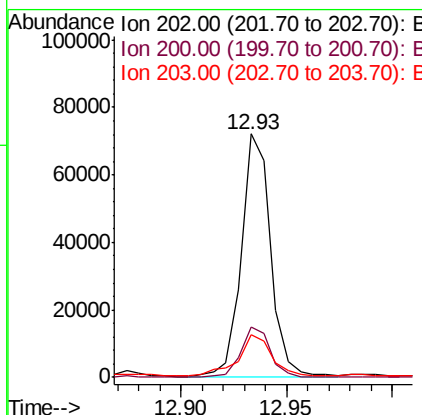
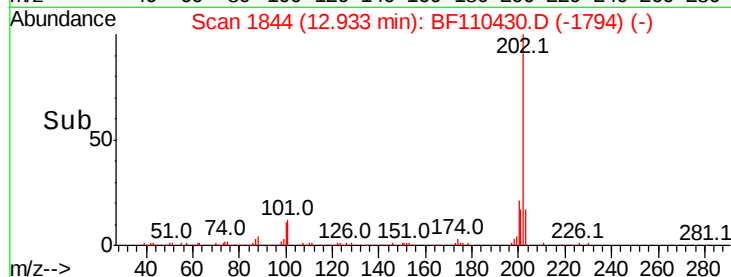
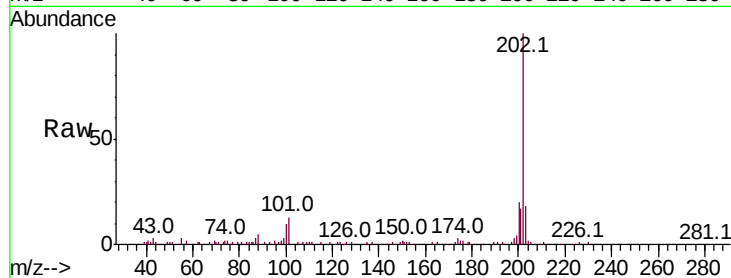
#78
Pvrene
Concen: 6.309 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110430.D
Acq: 2 Nov 2018 23:42

Instrument :
BNA_F
ClientSampleId :
WAGARAW-RD-3

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.8	26.6
203	17.6	14.2	21.4

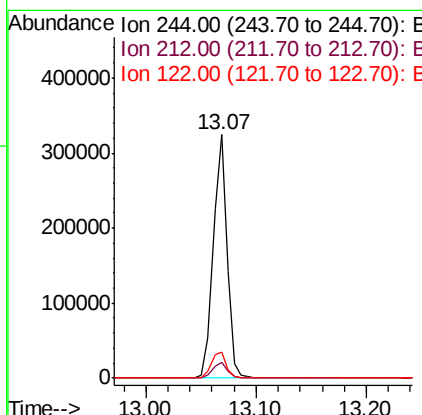
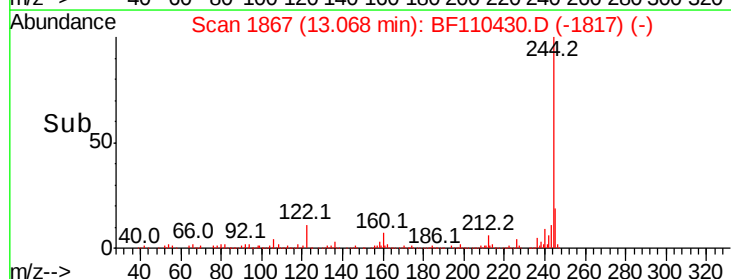
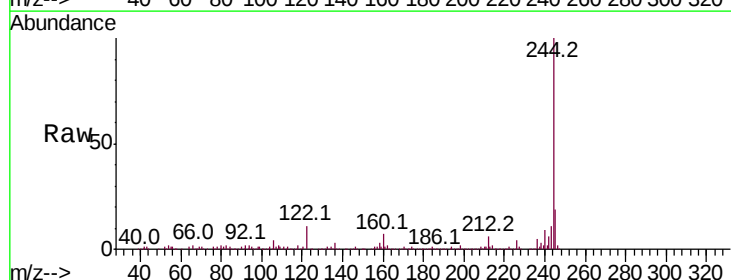
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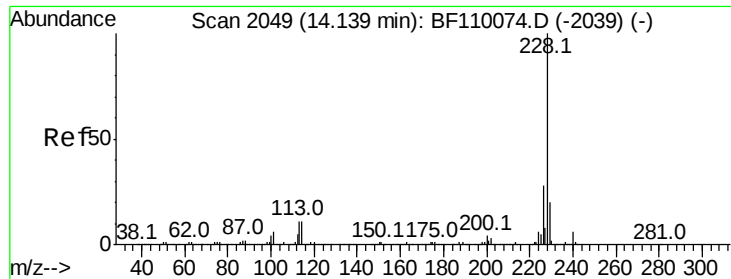
Sohil
11/5/2018 10:32:51 AM



#79
Terphenyl-d14
Concen: 37.366 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110430.D
Acq: 2 Nov 2018 23:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	10.7	8.7	13.1





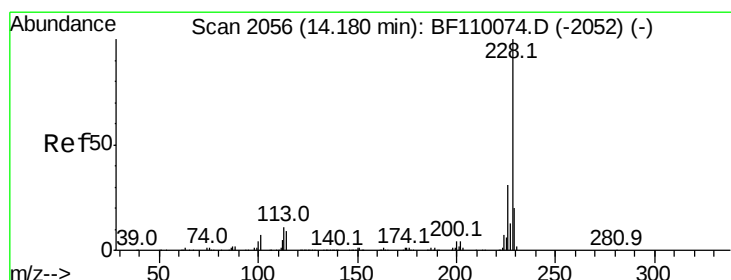
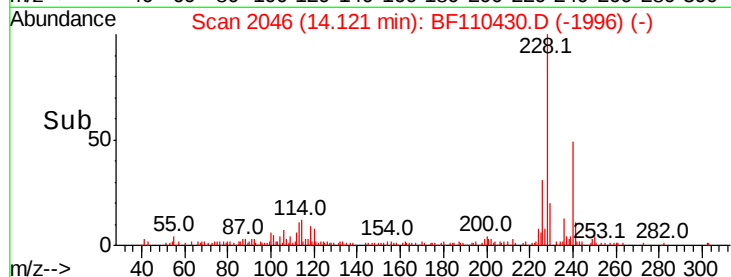
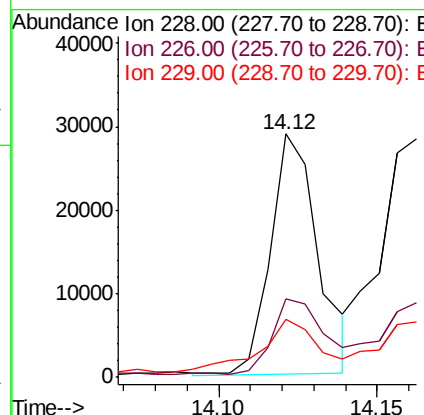
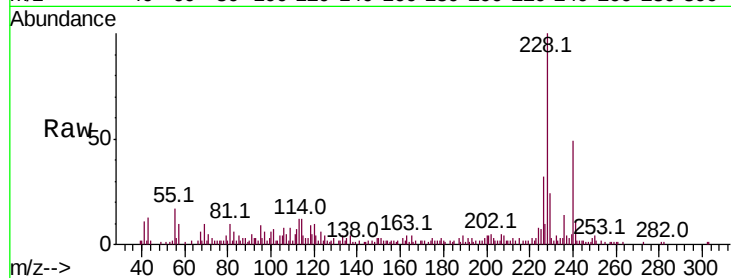
#81
Benzo(a)anthracene
Concen: 3.313 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110430.D
Acq: 2 Nov 2018 23:42

Instrument :
BNA_F
ClientSampleId :
WAGARAW-RD-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.1	33.1
229	23.8	15.6	23.4

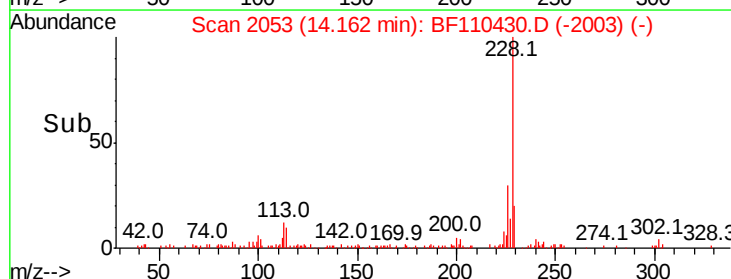
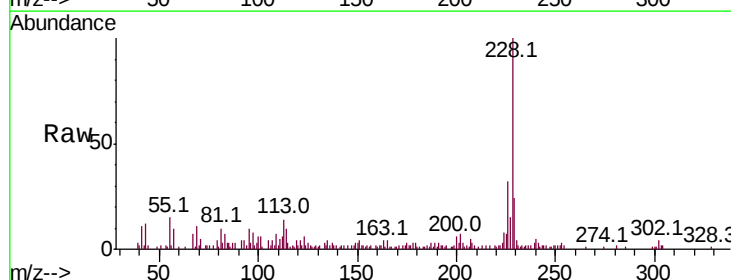
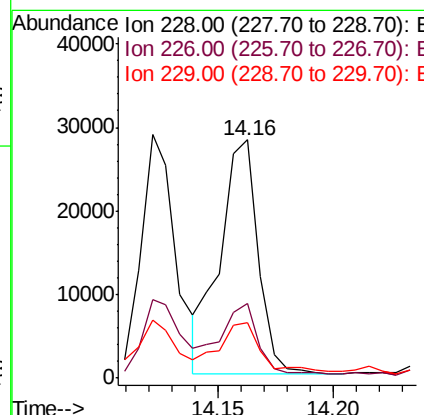
Manual Integrations
APPROVED

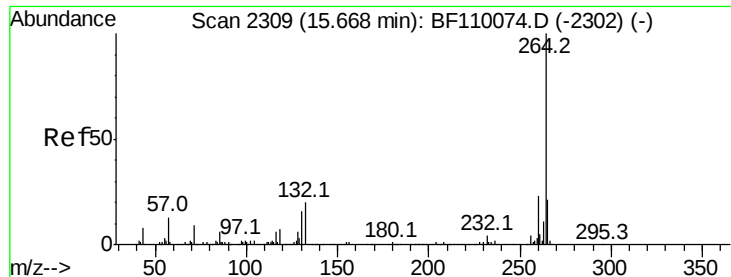
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#83
Chrysene
Concen: 3.711 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110430.D
Acq: 2 Nov 2018 23:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.7	37.1
229	23.5	15.9	23.9





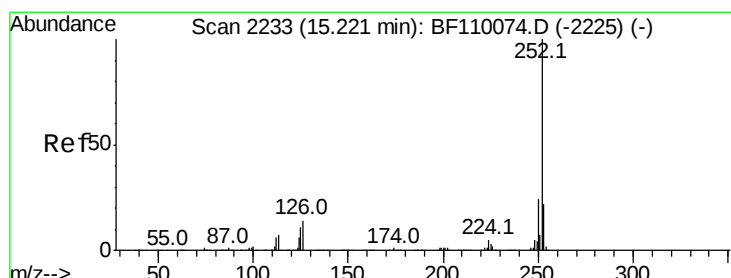
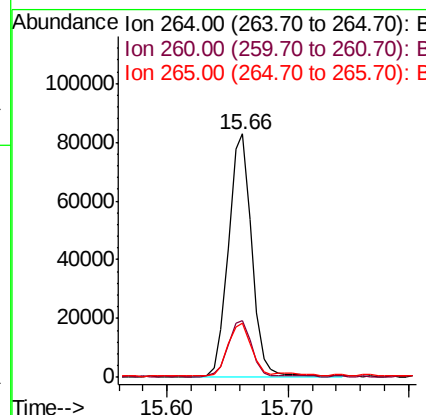
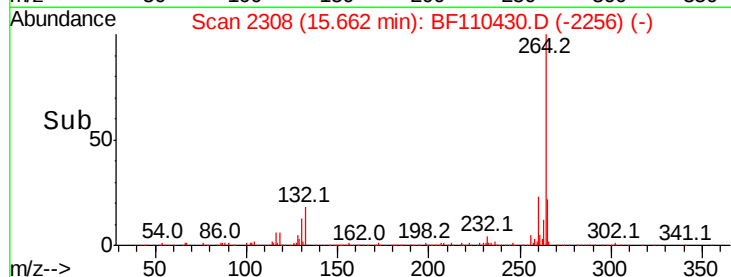
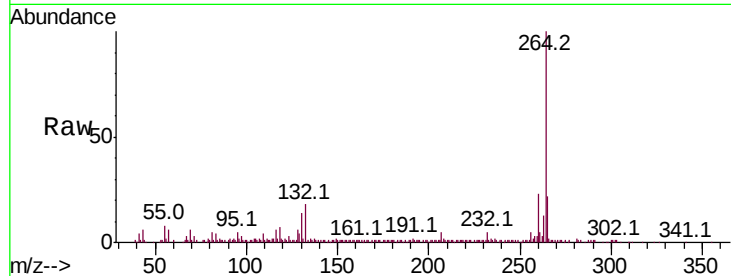
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: BF110430.D
 Acq: 2 Nov 2018 23:42

Instrument :
 BNA_F
 ClientSampleId :
 WAGARAW-RD-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.1	16.7	25.1

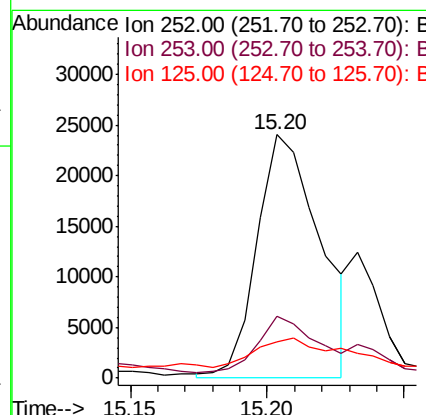
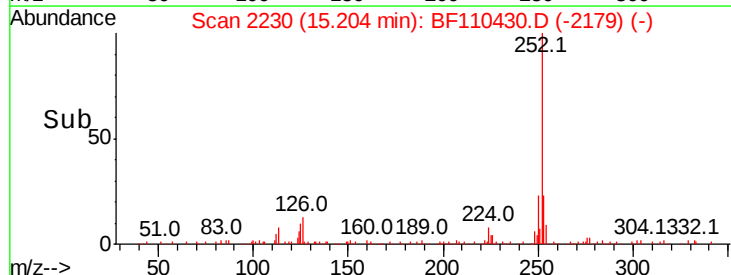
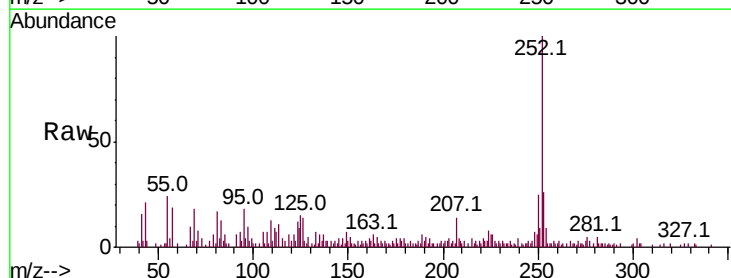
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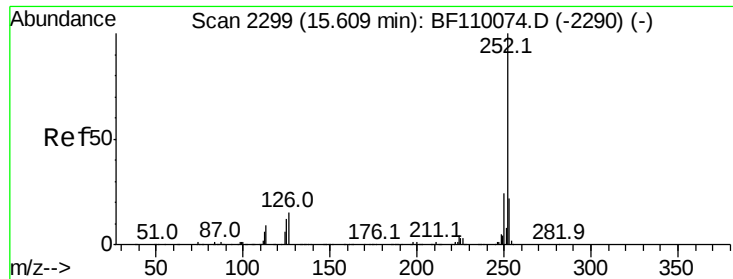
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 11/5/2018 10:32:51 AM



#88
 Benzo(b)fluoranthene
 Concen: 5.949 ng m
 RT: 15.20 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BF110430.D
 Acq: 2 Nov 2018 23:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.2	25.8
125	14.6	8.2	12.4





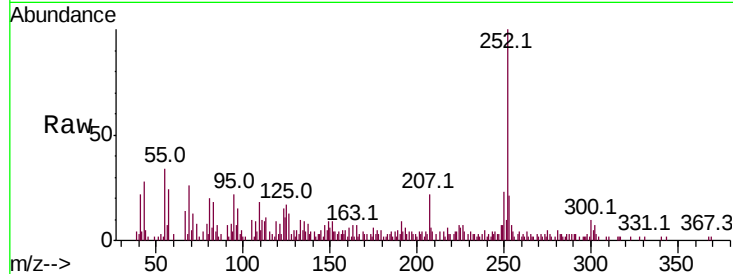
#90
Benzo(a)pyrene
Concen: 3.638 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BF110430.D
Acq: 2 Nov 2018 23:42

Instrument :
BNA_F
ClientSampleId :
WAGARAW-RD-3

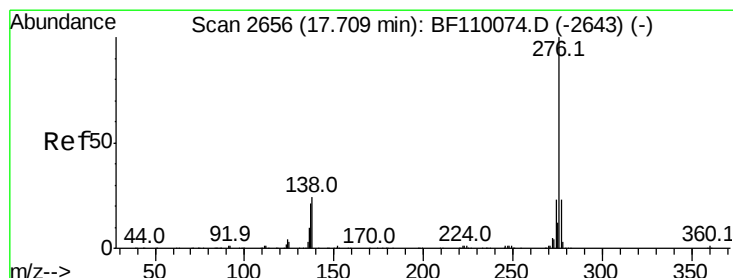
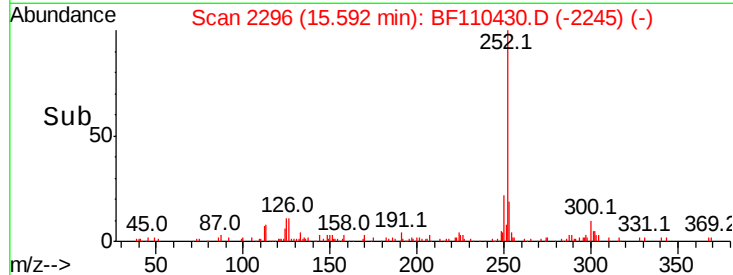
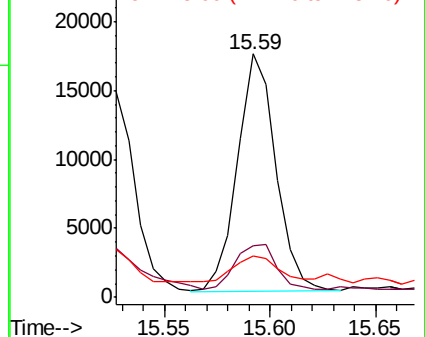
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	16.8	9.0	13.6

Manual Integrations
APPROVED

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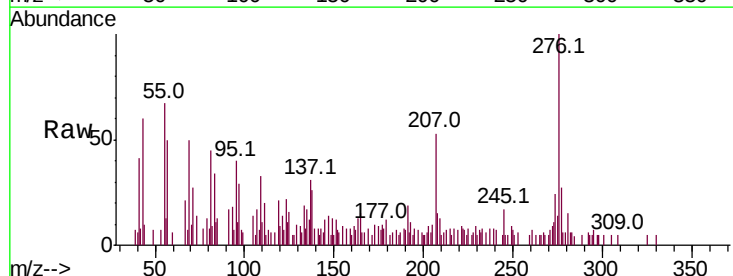


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 3.216 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.00 min
Lab File: BF110430.D
Acq: 2 Nov 2018 23:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.9	18.8	28.2
138	26.5	16.0	24.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

