

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
 Data File : BF111089.D
 Acq On : 29 Nov 2018 14:27
 Operator : JU/SJ
 Sample : J6079-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 J-4

Manual Integrations
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Quant Time: Nov 29 15:20:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 10:35:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	53519	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	226505	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	107895	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	196379	20.00	ng	0.00
76) Chrysene-d12	14.13	240	121324	20.00	ng	0.00
87) Perylene-d12	15.66	264	117802	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	315975	97.91	ng	0.00
7) Phenol-d6	6.56	99	399901	95.08	ng	0.00
23) Nitrobenzene-d5	7.50	82	258518	65.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	86875	81.07	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	477465	64.11	ng	-0.01
79) Terphenyl-d14	13.04	244	369585	59.30	ng	-0.01
Target Compounds						
10) Phenol	6.57	94	19538	4.125	ng	84
50) Dimethylphthalate	9.69	163	40185	5.078	ng	99
71) Phenanthrene	11.49	178	43110	4.145	ng	98
75) Fluoranthene	12.69	202	51587	4.826	ng	98
78) Pyrene	12.93	202	55673	6.283	ng	98
81) Benzo(a)anthracene	14.12	228	18528	2.587	ng	95
83) Chrysene	14.16	228	20966	2.973	ng	97
84) Bis(2-ethylhexyl)phthalate	14.06	149	16551	3.105	ng	99
88) Benzo(b)fluoranthene	15.21	252	20331m	2.938	ng	
90) Benzo(a)pyrene	15.60	252	15597	2.421	ng	# 93

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

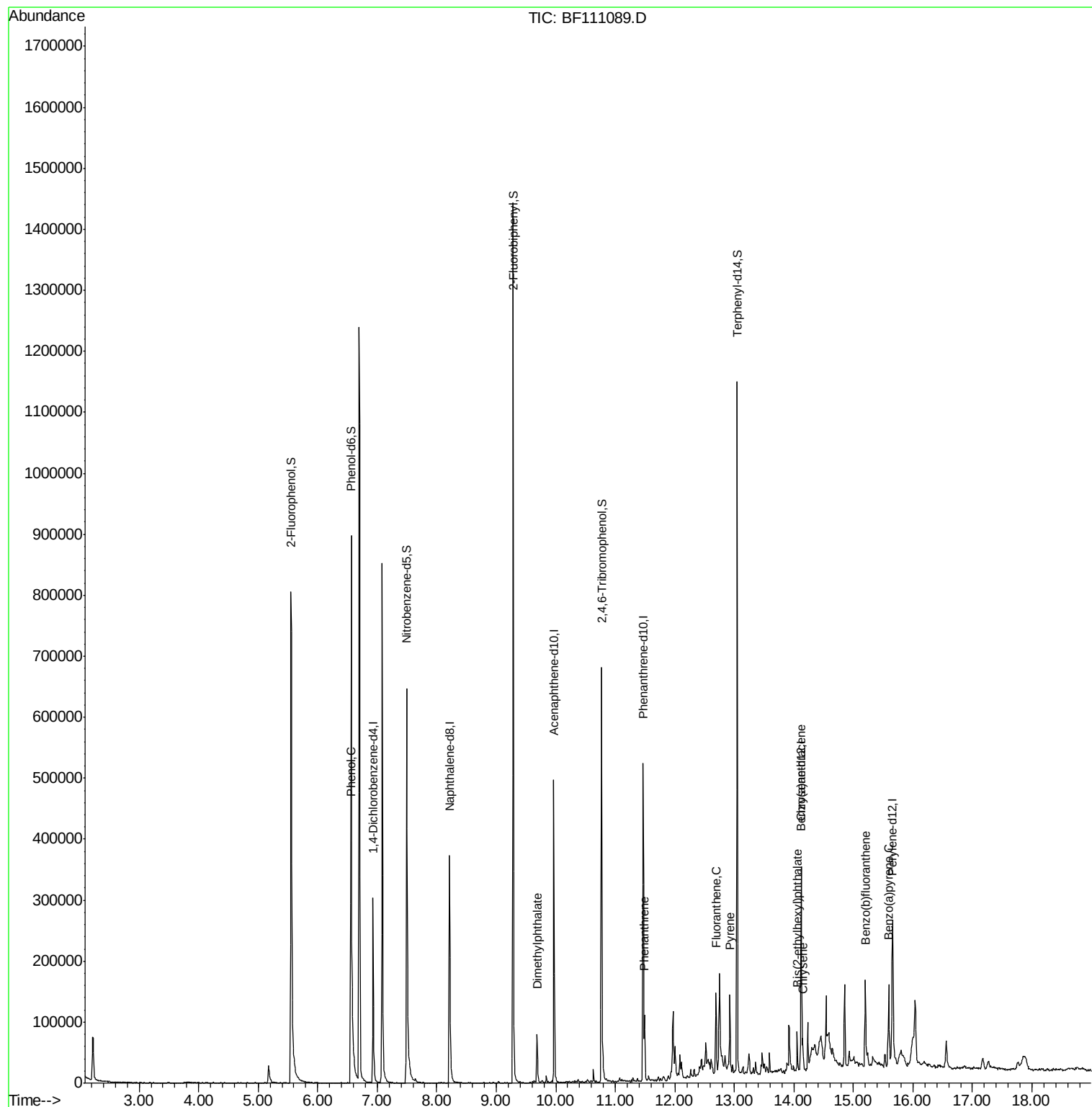
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111089.D
Acq On : 29 Nov 2018 14:27
Operator : JU/SJ
Sample : J6079-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

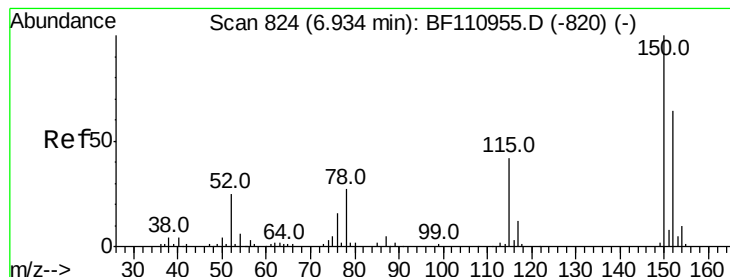
Instrument :
BNA_F
ClientSampleId :
J-4

Quant Time: Nov 29 15:20:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:35:31 2018
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#1

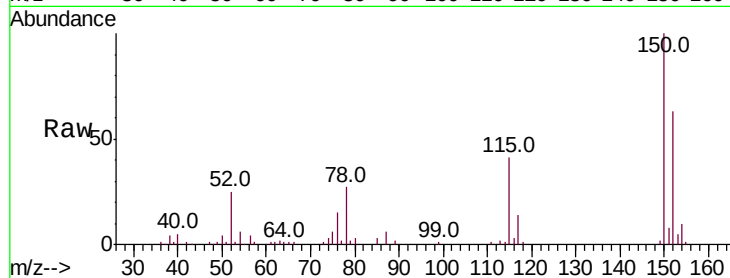
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampled :
J-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.7	184.1
115	65.5	49.1	73.7

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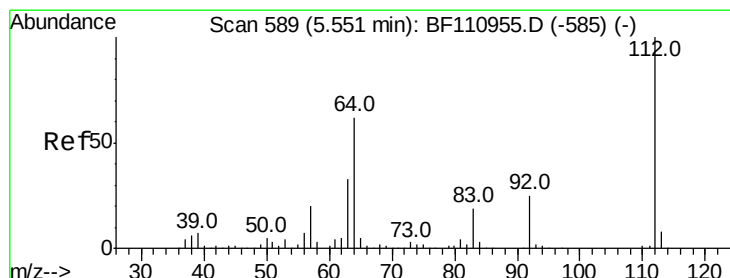
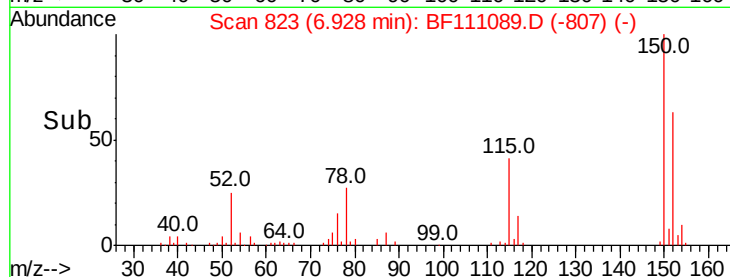
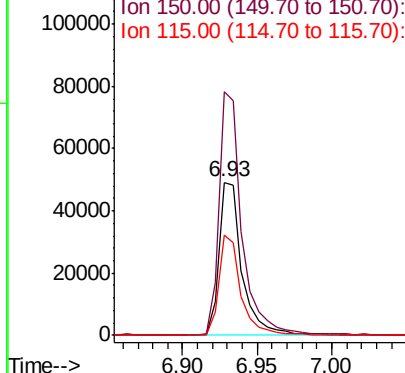


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

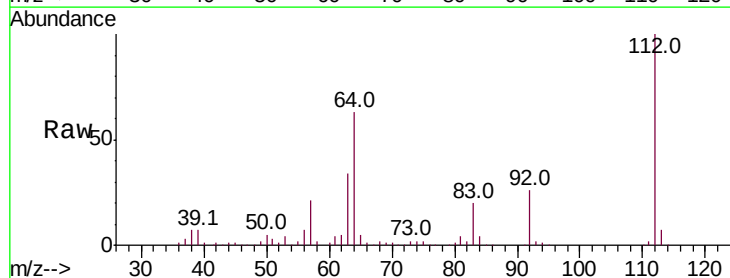
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.907 ng
RT: 5.55 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	44.1	66.1
63	33.7	23.7	35.5

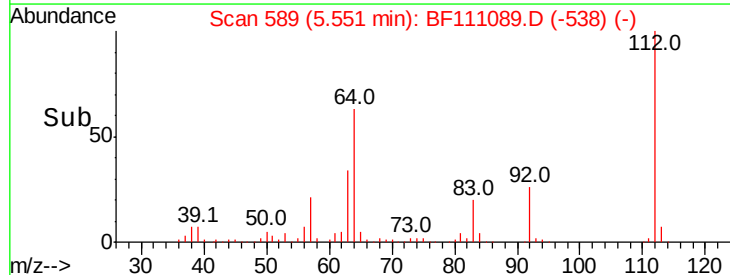
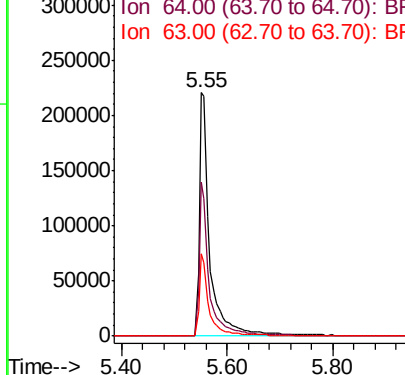


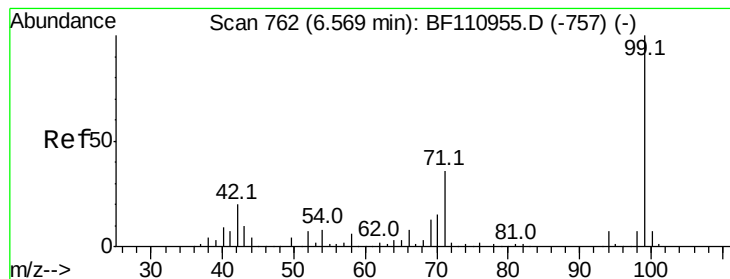
Abundance

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: 95.085 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF111089.D

Acq: 29 Nov 2018 14:27

Instrument :

BNA_F

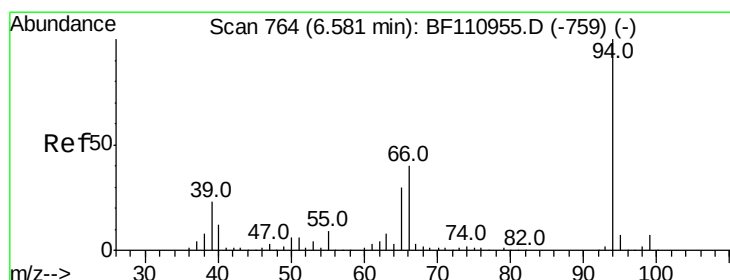
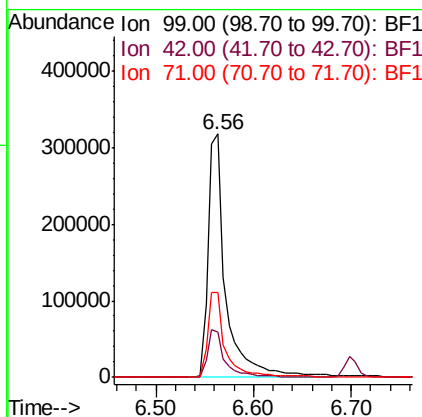
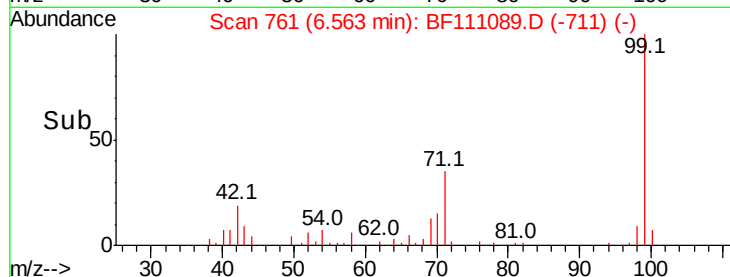
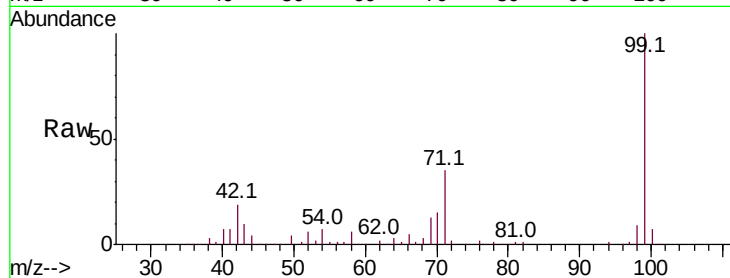
ClientSampleId :

J-4

Tot Ion:	99	Resp:	399901
Ion Ratio	Lower	Upper	
99	100		
42	18.7	15.8	23.6
71	34.7	28.0	42.0

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#10

Phenol

Concen: 4.125 ng

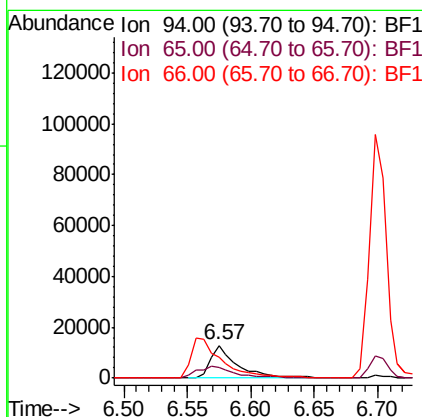
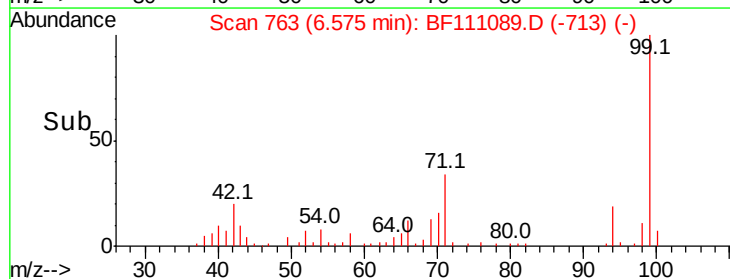
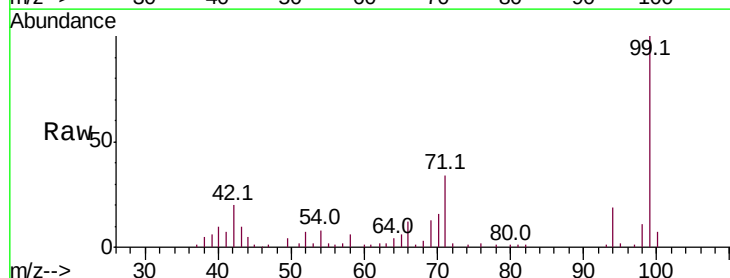
RT: 6.57 min Scan# 763

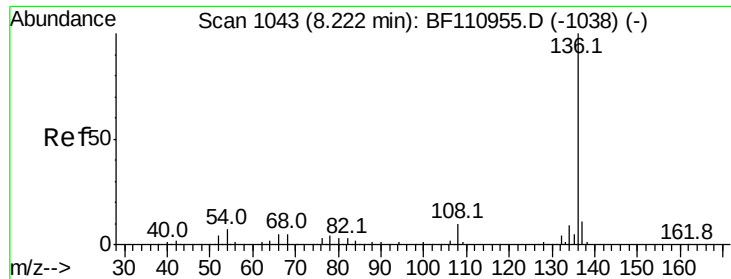
Delta R.T. -0.01 min

Lab File: BF111089.D

Acq: 29 Nov 2018 14:27

Tgt Ion:	94	Resp:	19538
Ion Ratio	Lower	Upper	
94	100		
65	34.0	25.3	65.3
66	62.1	54.5	94.5





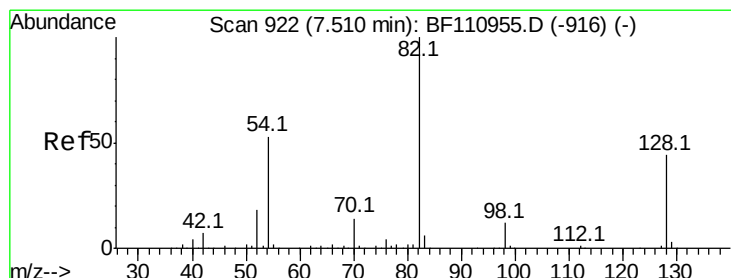
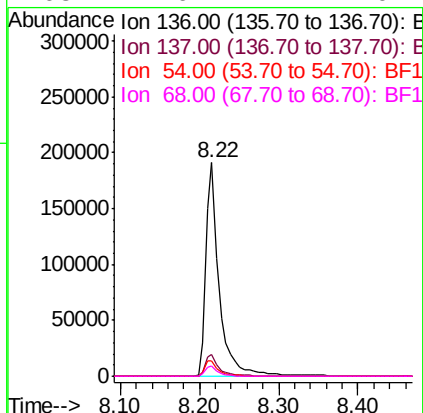
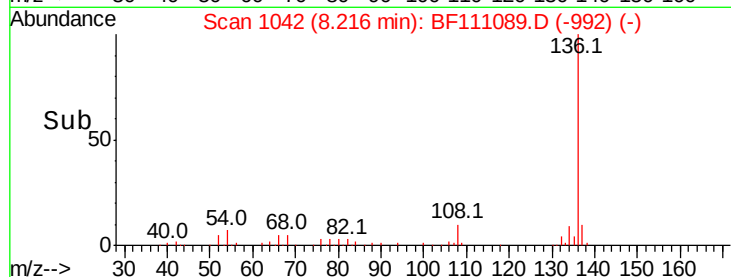
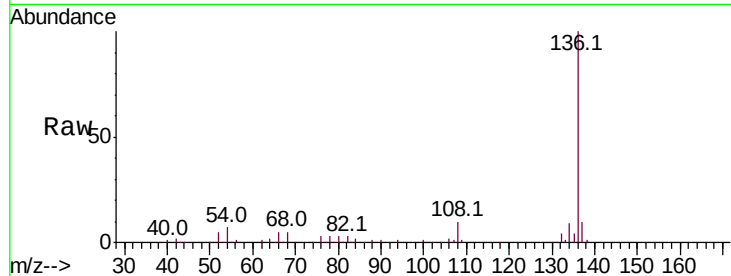
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampled :
J-4

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.8	13.2	
54	7.4	5.4	8.2	
68	4.6	4.2	6.2	

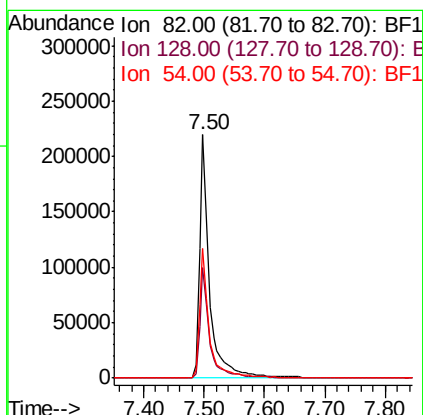
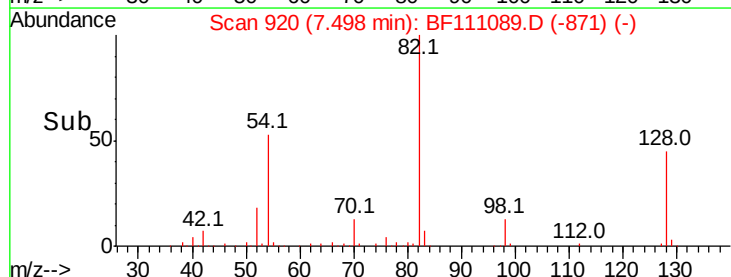
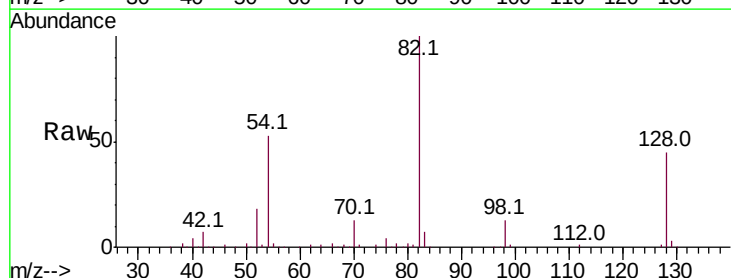
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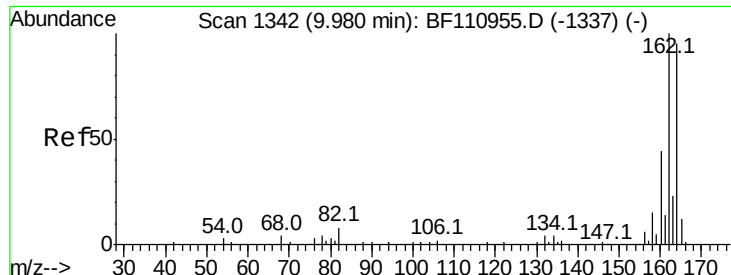
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#23
Nitrobenzene-d5
Concen: 65.319 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.2	34.2	51.2	
54	53.3	38.6	58.0	





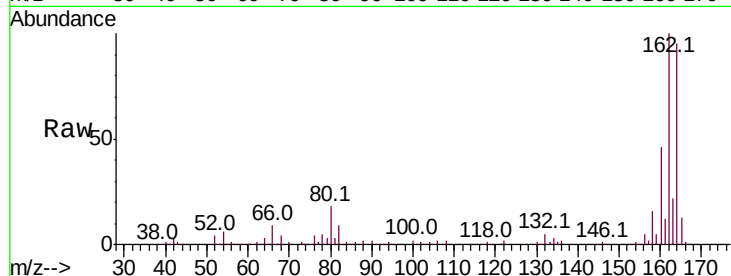
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampleId :
J-4

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.6
160	47.8	37.0	55.6

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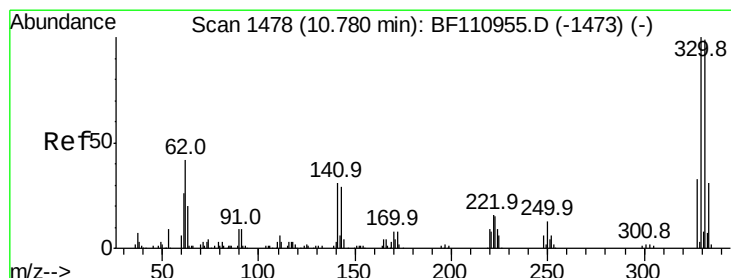
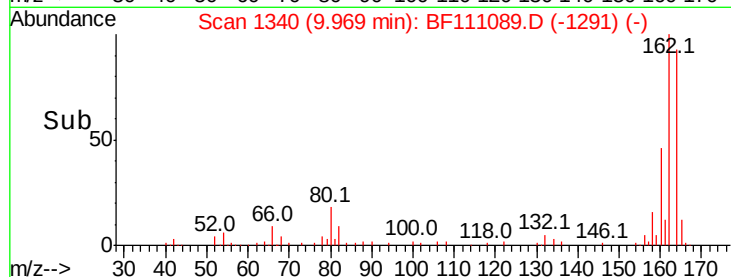
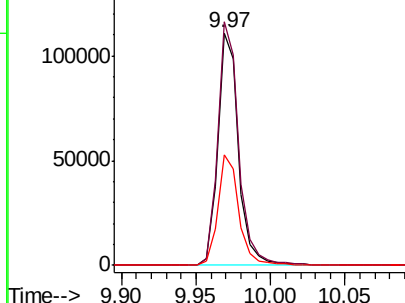


Abundance

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



#42
2,4,6-Tribromophenol
Concen: 81.075 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

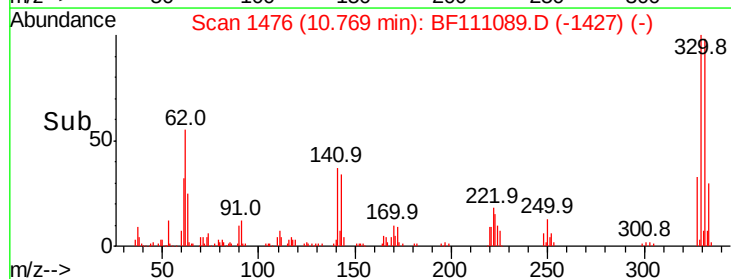
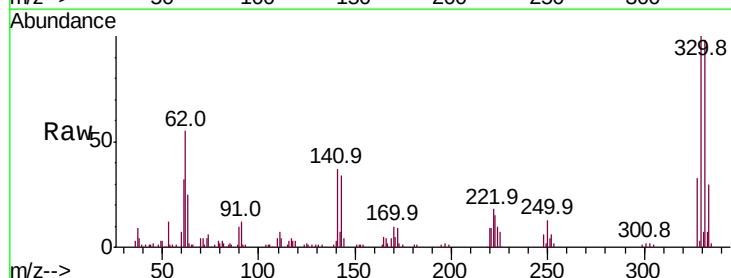
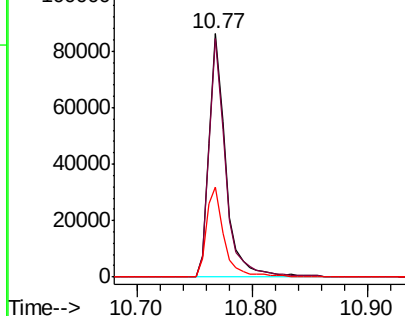
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	39.3	27.0	40.4

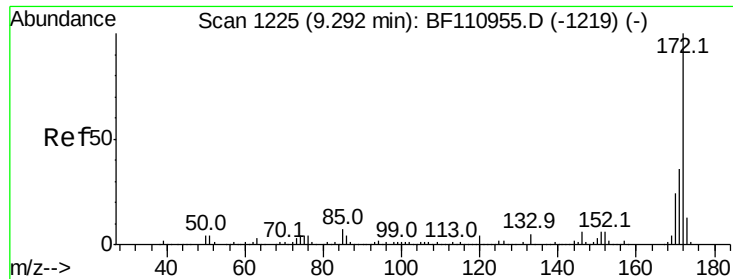
Abundance

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





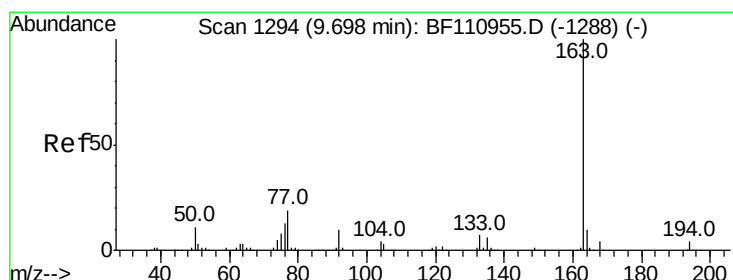
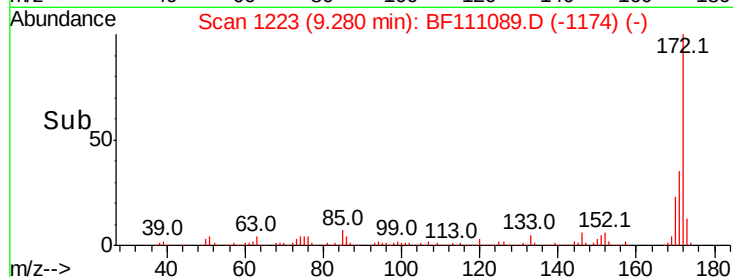
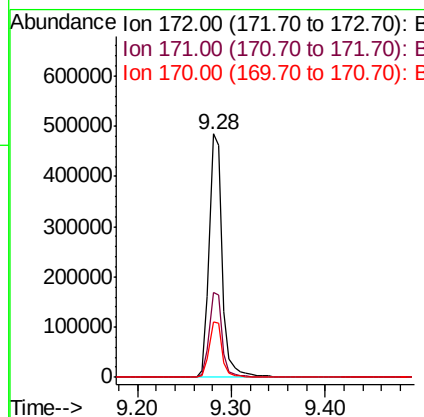
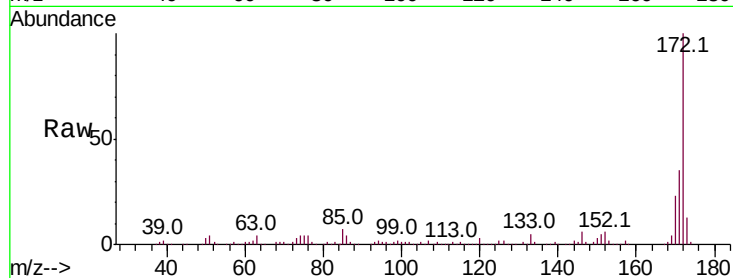
#45
2-Fluorobiphenyl
Concen: 64.112 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
172	100	477465		
171	35.0		28.6	43.0
170	22.9		19.7	29.5

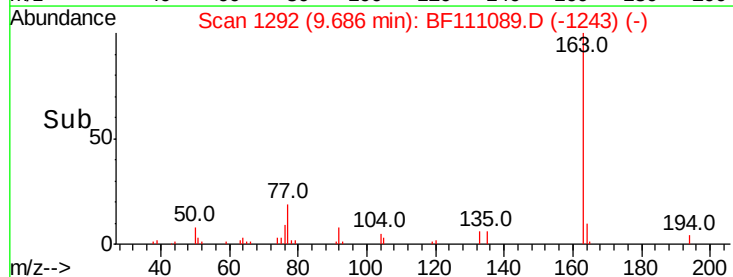
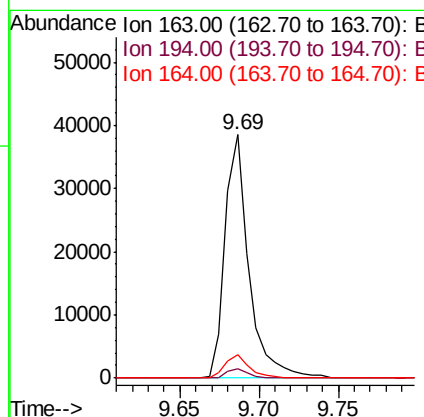
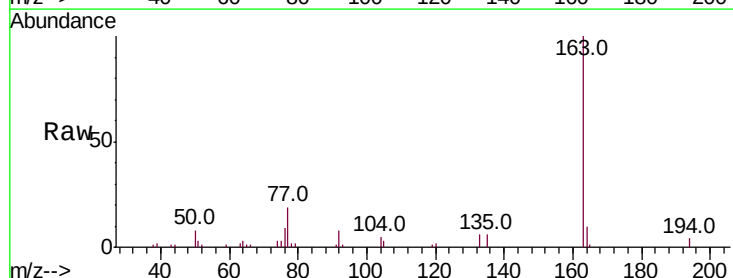
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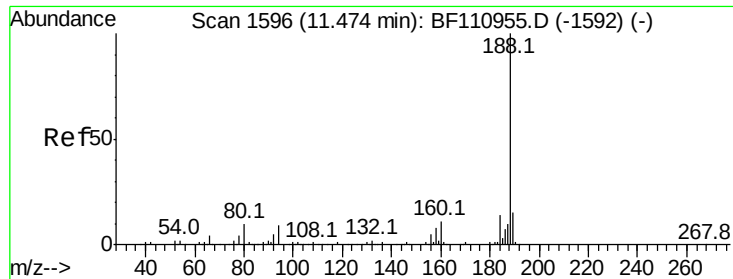
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#50
Dimethylphthalate
Concen: 5.078 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	40185		
194	3.7		3.2	4.8
164	9.7		8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF111089.D

Acq: 29 Nov 2018 14:27

Instrument :

BNA_F

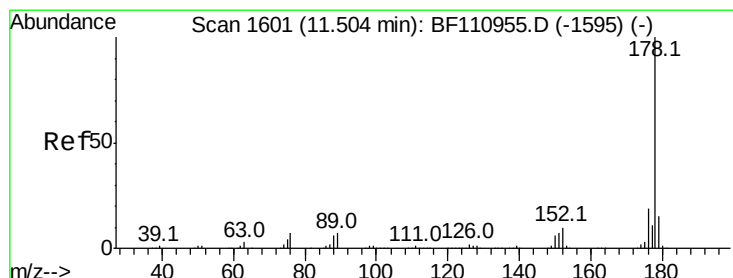
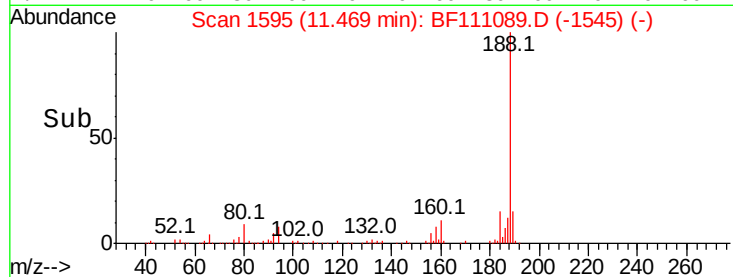
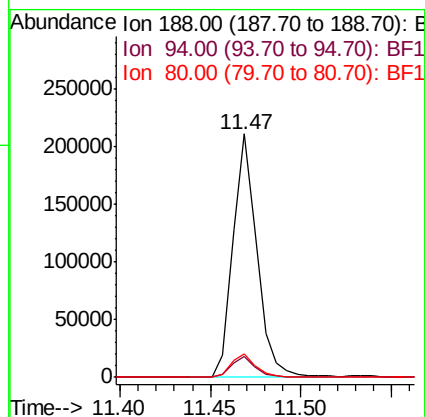
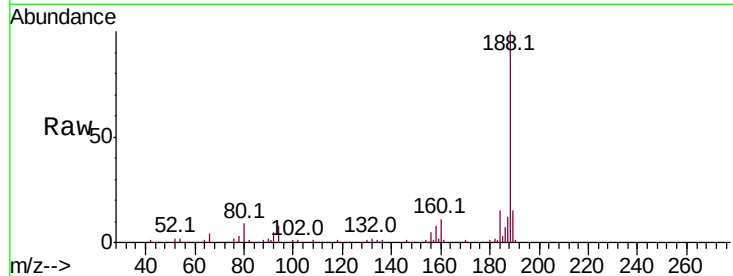
ClientSampled :

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Tot Ion:	188	Resp:	196379
Ion Ratio	Lower	Upper	
188	100		
94	8.4	7.2	10.8
80	9.5	7.9	11.9

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#71

Phenanthrene

Concen: 4.145 ng

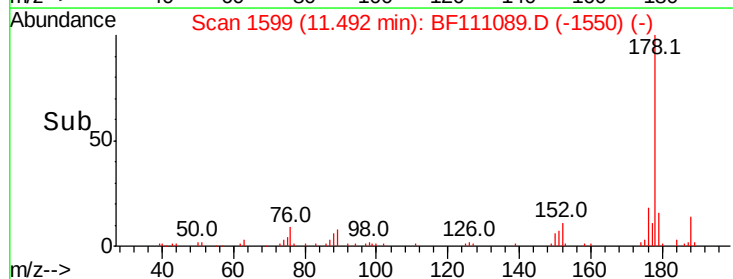
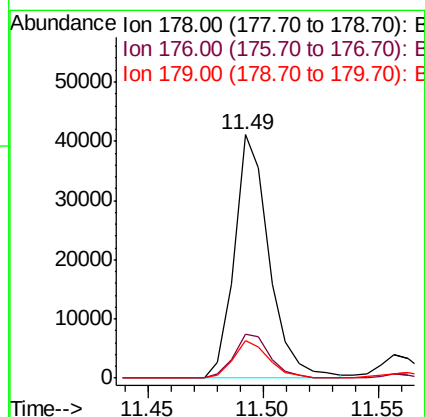
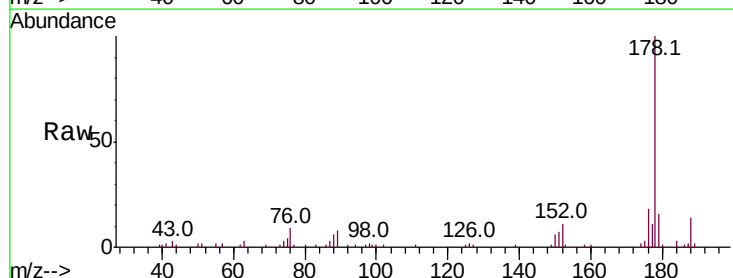
RT: 11.49 min Scan# 1599

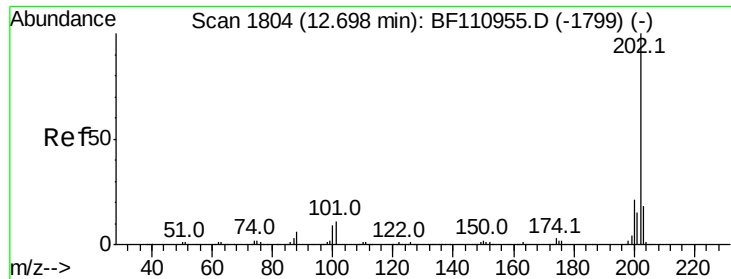
Delta R.T. -0.01 min

Lab File: BF111089.D

Acq: 29 Nov 2018 14:27

Tgt Ion:	178	Resp:	43110
Ion Ratio	Lower	Upper	
178	100		
176	18.0	15.5	23.3
179	15.6	12.5	18.7





#75

Fluoranthene

Concen: 4.826 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF111089.D

Acq: 29 Nov 2018 14:27

Instrument :

BNA_F

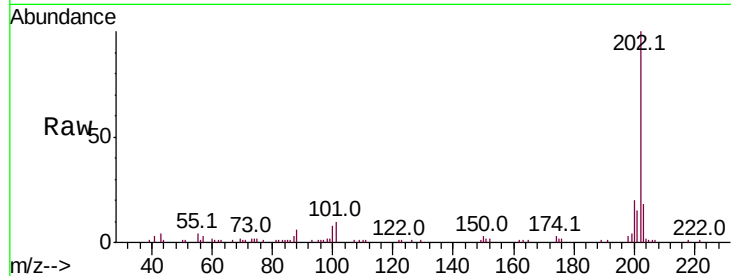
ClientSampleId :

J-4

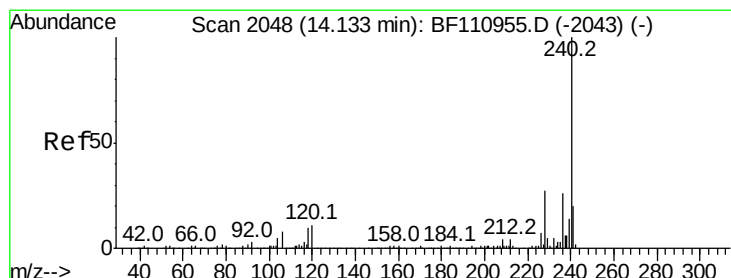
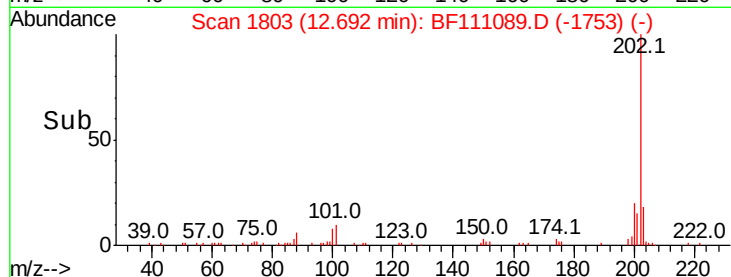
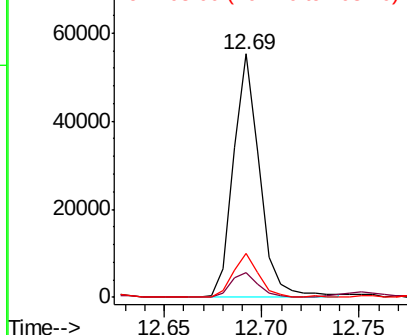
Tot Ion:	202	Resp:	51587
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	31.4
203	18.1	0.0	37.7

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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

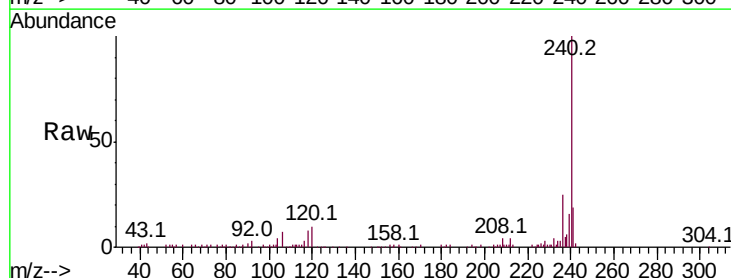
RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

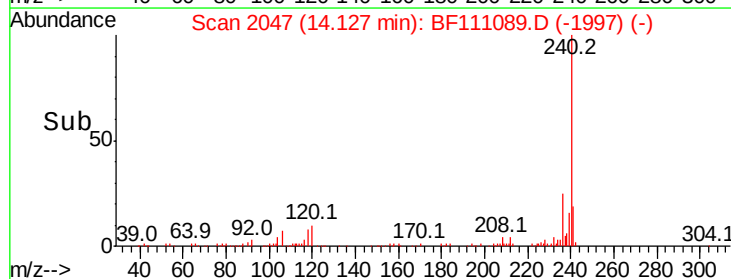
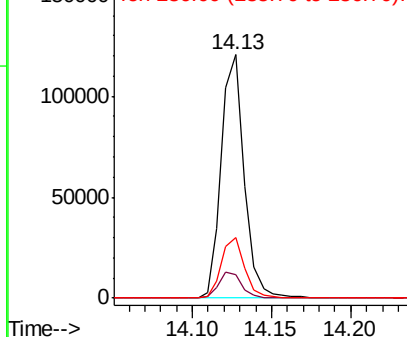
Lab File: BF111089.D

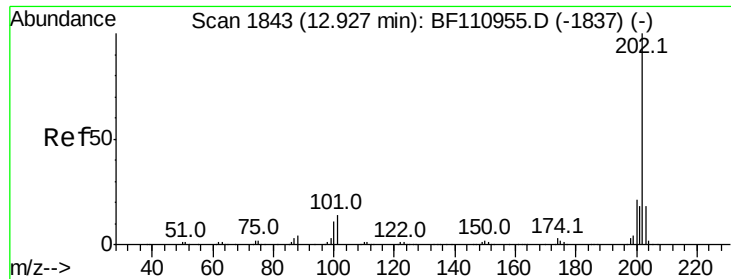
Acq: 29 Nov 2018 14:27

Tgt Ion:	240	Resp:	121324
Ion Ratio	Lower	Upper	
240	100		
120	9.7	8.3	12.5
236	24.7	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





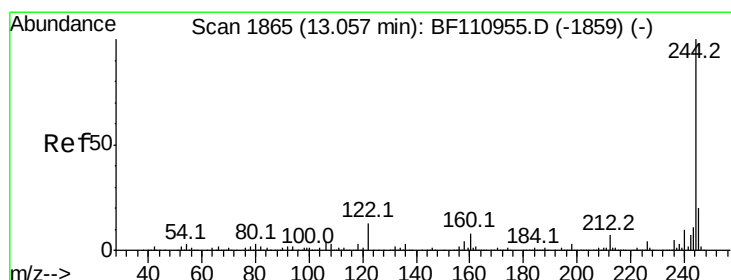
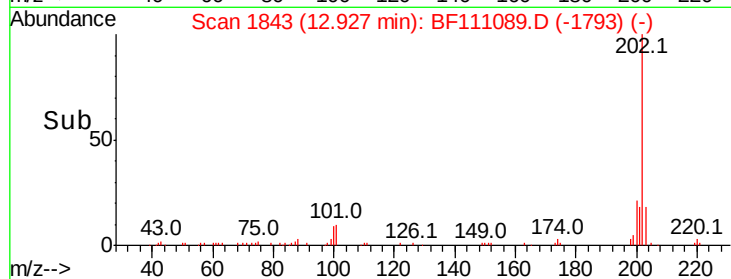
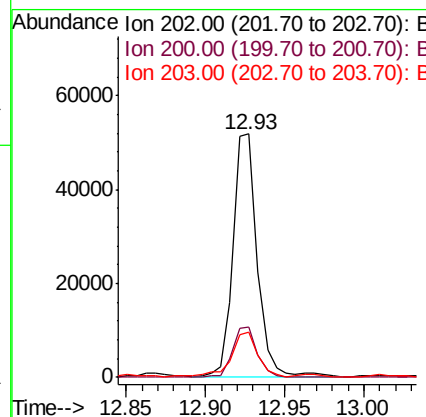
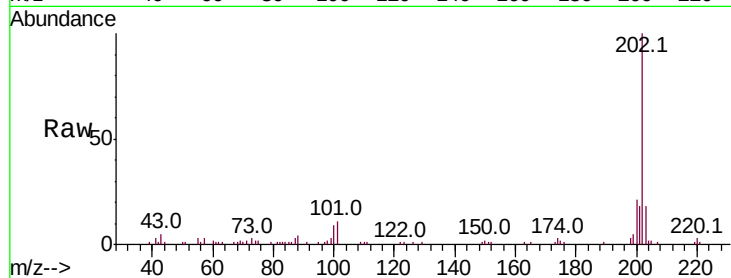
#78
Pvrene
Concen: 6.283 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampleId :
J-4

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	18.4	14.2	21.4

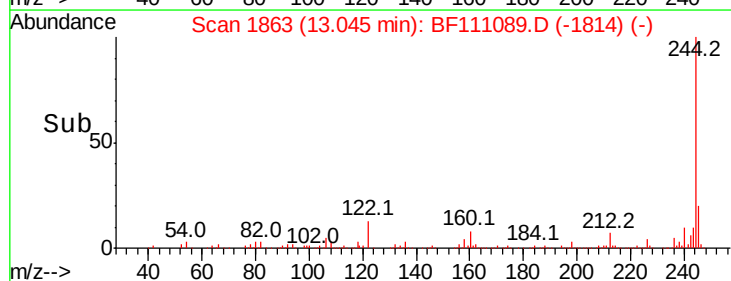
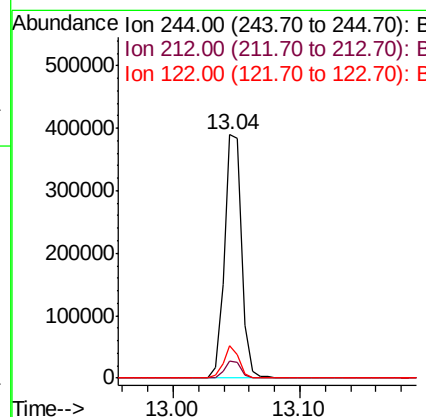
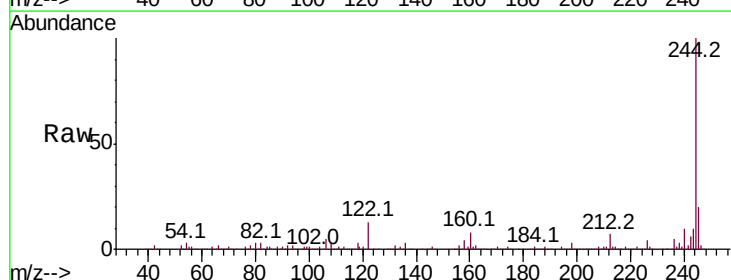
Manual Integrations
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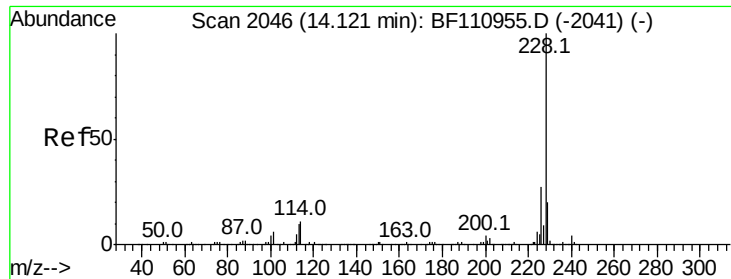
mohammad
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#79
Terphenyl-d14
Concen: 59.300 ng
RT: 13.04 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.4	8.7	13.1#





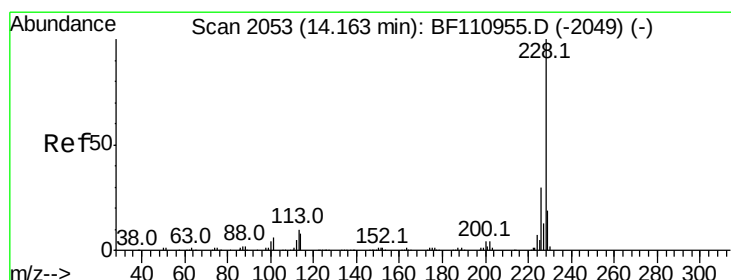
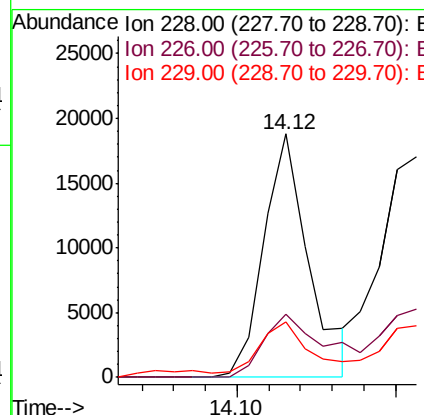
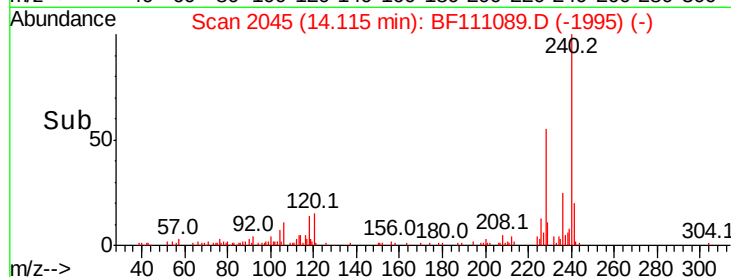
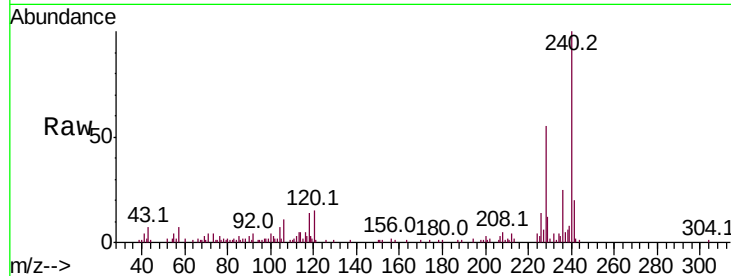
#81
Benzo(a)anthracene
Concen: 2.587 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampled :
J-4

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.1	33.1
229	22.5	15.6	23.4

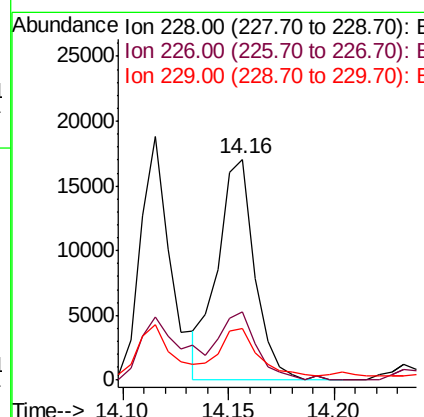
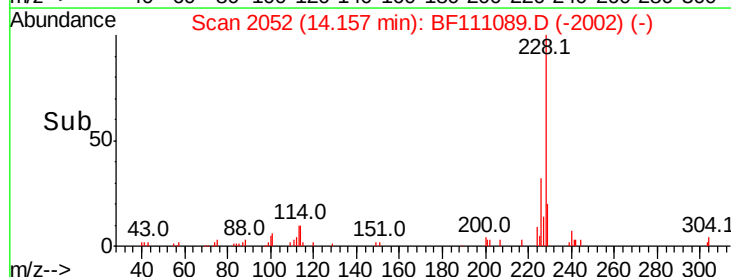
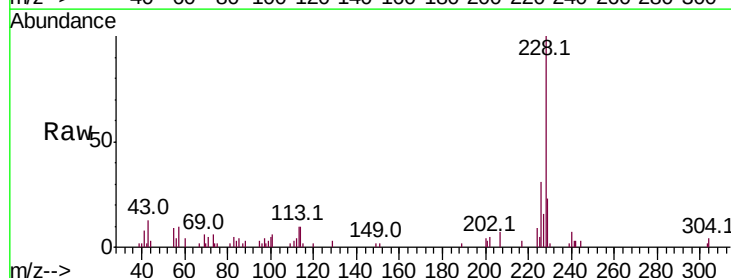
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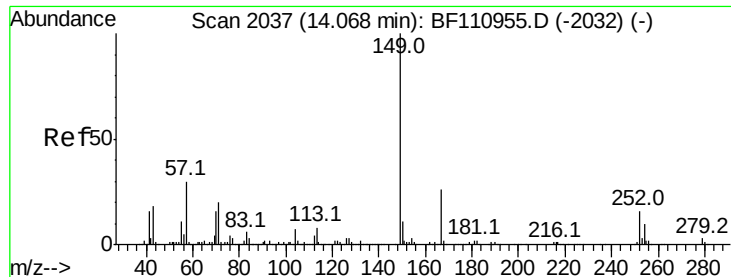
mohammad
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#83
Chrysene
Concen: 2.973 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	23.4	15.9	23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.105 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF111089.D

Acq: 29 Nov 2018 14:27

Instrument :

BNA_F

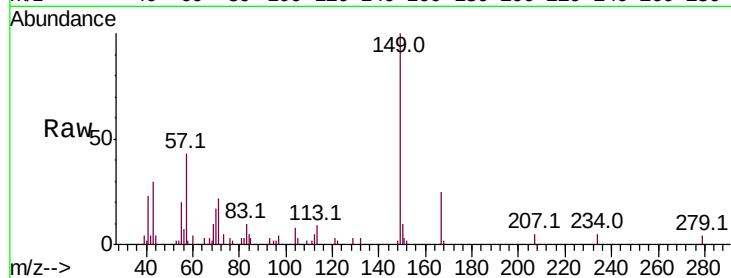
ClientSampled :

J-4

Tot Ion:	149	Resp:	16551
Ion Ratio	Lower	Upper	
149	100		
167	25.5	19.8	29.8
279	3.8	2.7	4.1

Manual Integrations
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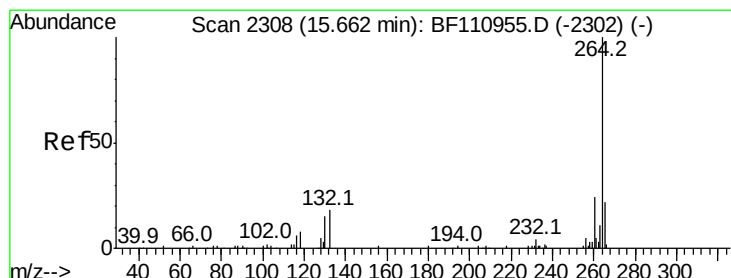
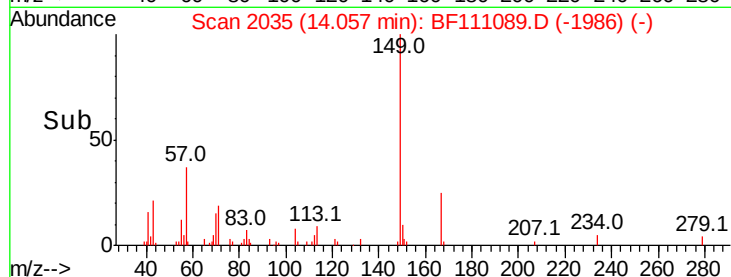
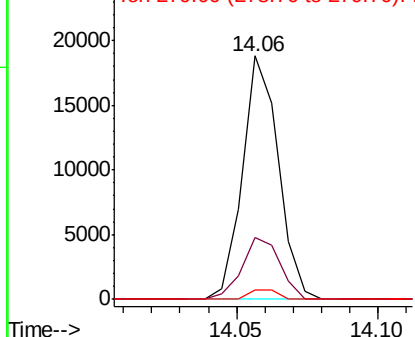


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

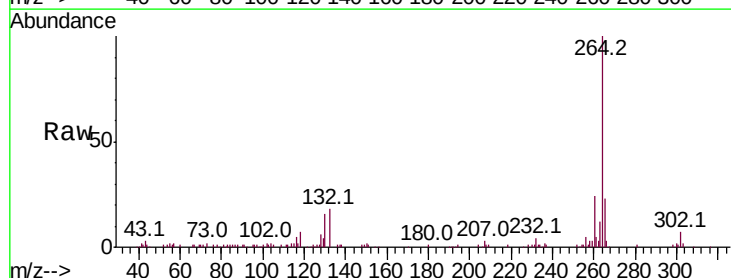
RT: 15.66 min Scan# 2307

Delta R.T. -0.01 min

Lab File: BF111089.D

Acq: 29 Nov 2018 14:27

Tgt Ion:	264	Resp:	117802
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.7	28.1
265	23.0	16.7	25.1

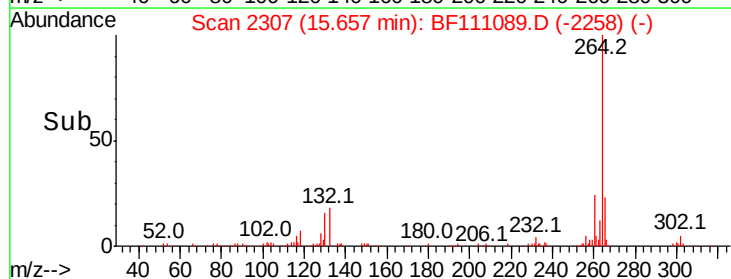
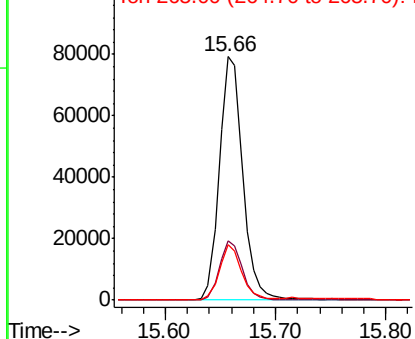


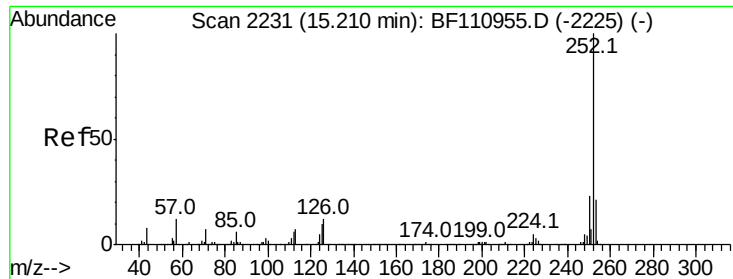
Abundance

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





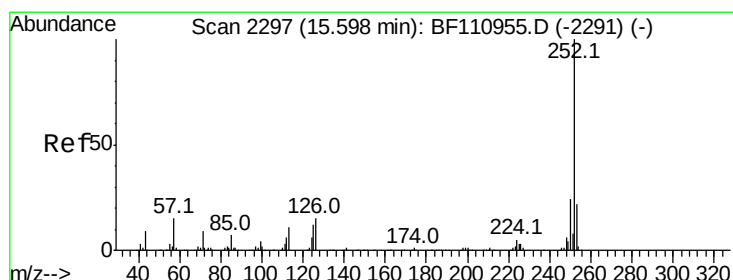
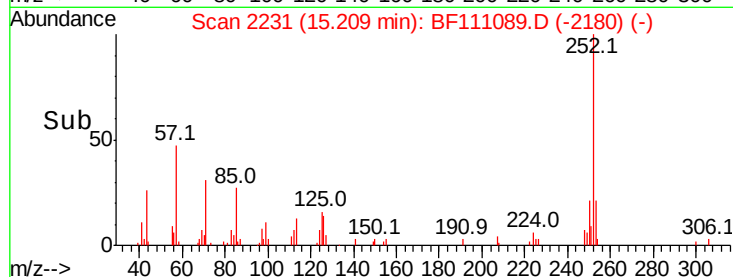
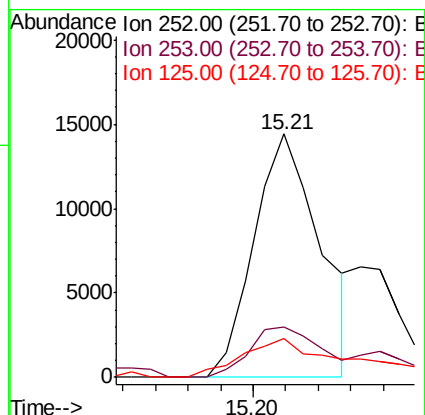
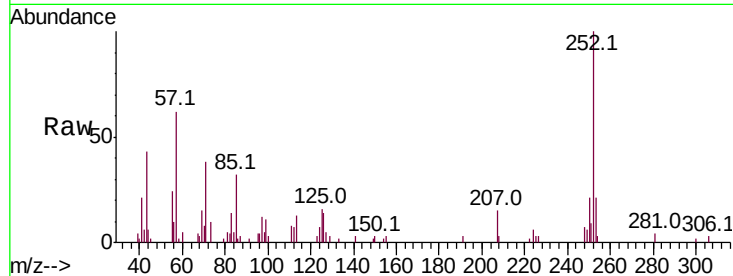
#88
Benzo(b)fluoranthene
Concen: 2.938 ng m
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampled :
J-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.2	25.8
125	16.1	8.2	12.4

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#90
Benzo(a)pyrene
Concen: 2.421 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	17.7	9.0	13.6

