

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111055.D
 Acq On : 28 Nov 2018 19:43
 Operator : JU/SJ
 Sample : J6080-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RCA-06

Manual Integrations
 APPROVED

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 11/29/2018 1:58:30 PM

Quant Time: Nov 29 03:05:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	59021	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	239467	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	98795	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	149578	20.00	ng	0.00
76) Chrysene-d12	14.13	240	120679	20.00	ng	0.00
87) Perylene-d12	15.66	264	98122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	318132	89.39	ng	0.00
7) Phenol-d6	6.56	99	404215	87.15	ng	0.00
23) Nitrobenzene-d5	7.50	82	261465	62.49	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	76543	78.01	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	409356	60.03	ng	0.00
79) Terphenyl-d14	13.05	244	279683	45.11	ng	0.00
Target Compounds						
10) Phenol	6.57	94	23886	4.573	ng	83
50) Dimethylphthalate	9.69	163	27464	3.790	ng	# 99
71) Phenanthrene	11.50	178	51883	6.549	ng	99
75) Fluoranthene	12.69	202	57620	7.077	ng	99
78) Pyrene	12.93	202	50652	5.747	ng	97
81) Benzo(a)anthracene	14.12	228	23221	3.259	ng	# 96
83) Chrysene	14.16	228	21836	3.113	ng	95
88) Benzo(b)fluoranthene	15.22	252	20481m	3.553	ng	
90) Benzo(a)pyrene	15.60	252	15852	2.954	ng	# 94

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

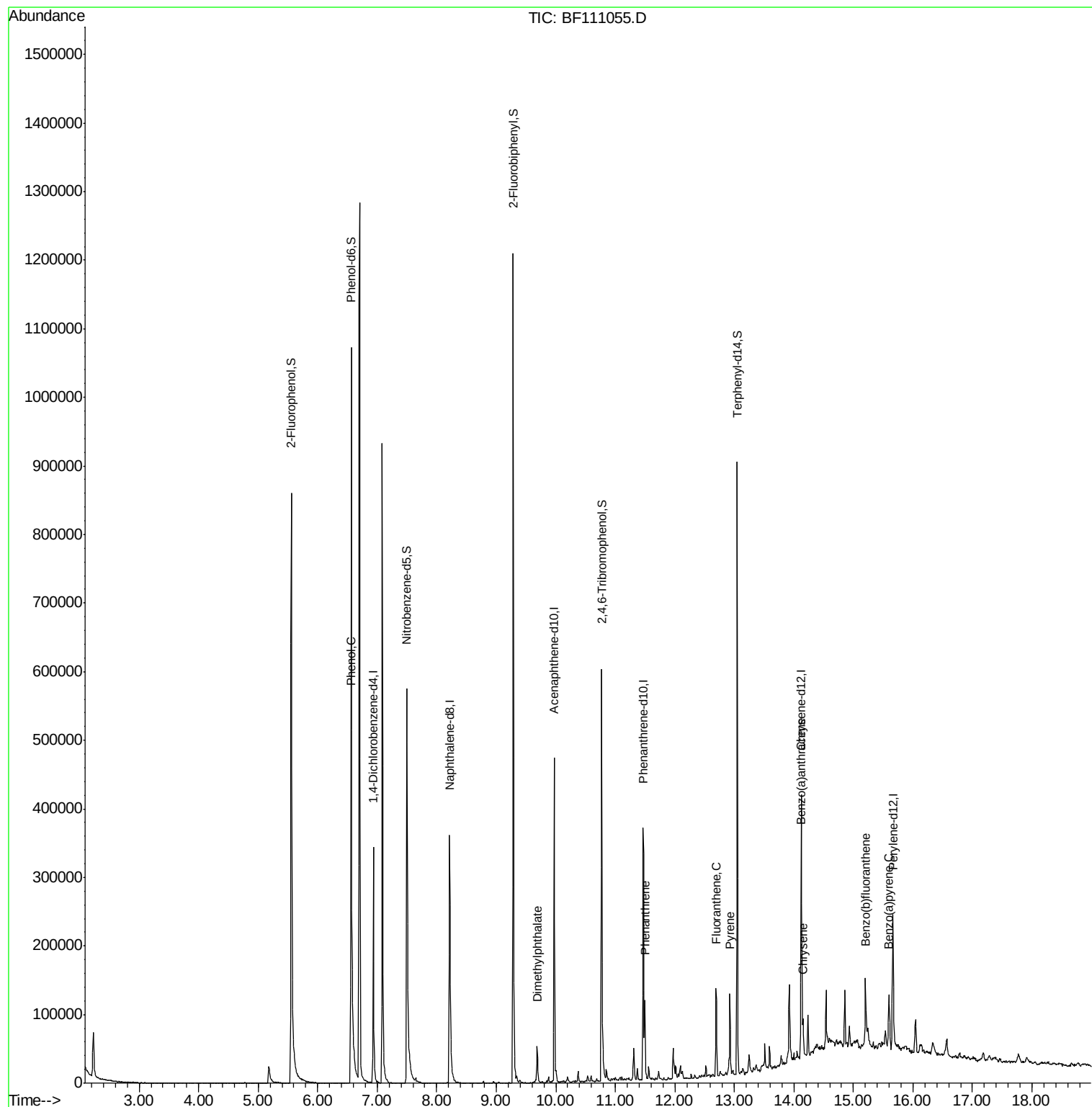
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
Data File : BF111055.D
Acq On : 28 Nov 2018 19:43
Operator : JU/SJ
Sample : J6080-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

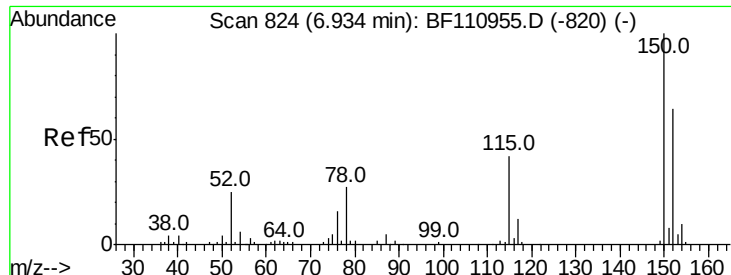
Instrument :
BNA_F
ClientSampleId :
RCA-06

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

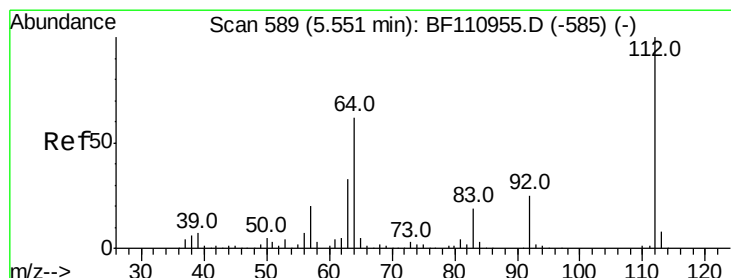
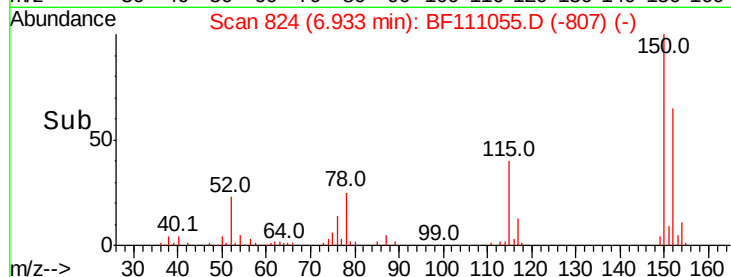
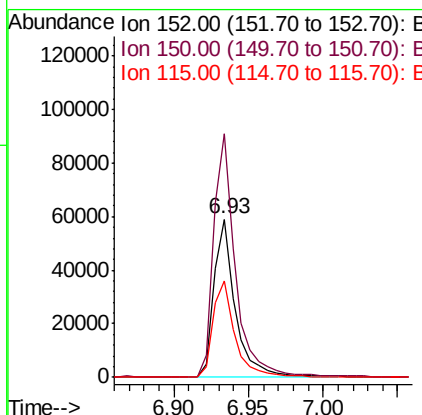
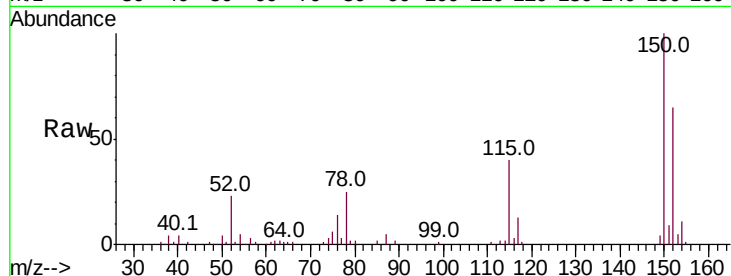
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.7	184.1
115	61.3	49.1	73.7

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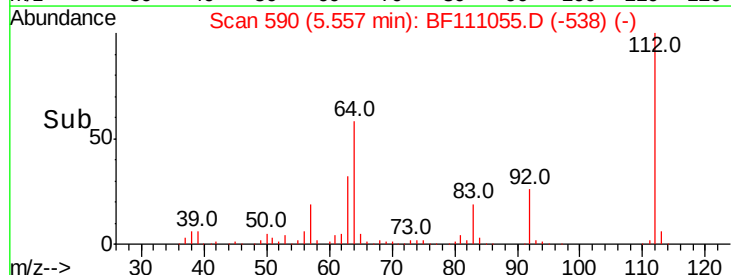
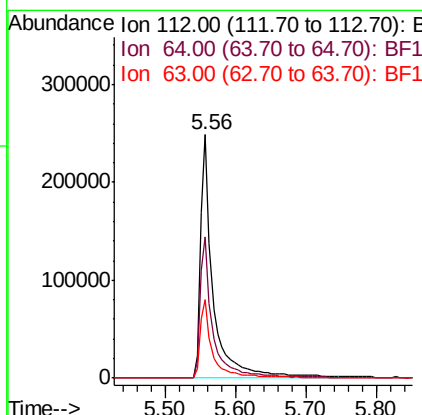
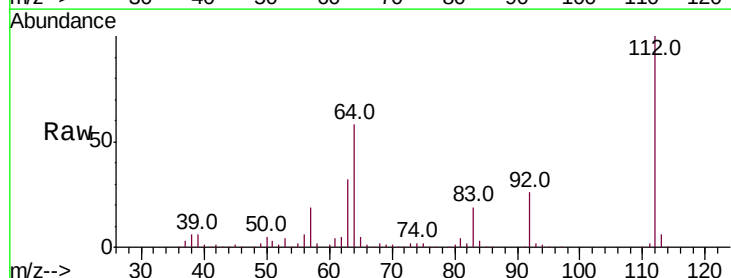
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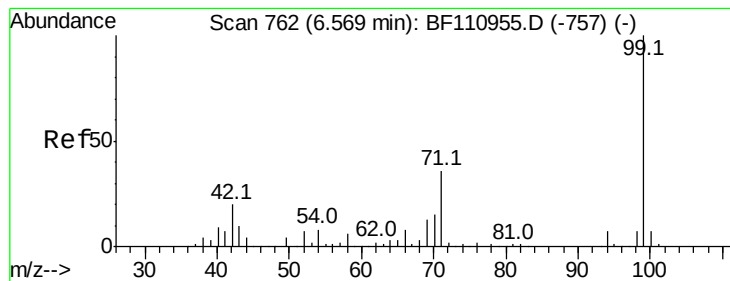


#5

2-Fluorophenol
Concen: 89.386 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.1	66.1
63	32.0	23.7	35.5





#7

Phenol-d6

Concen: 87.151 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF111055.D

Acq: 28 Nov 2018 19:43

Instrument :

BNA_F

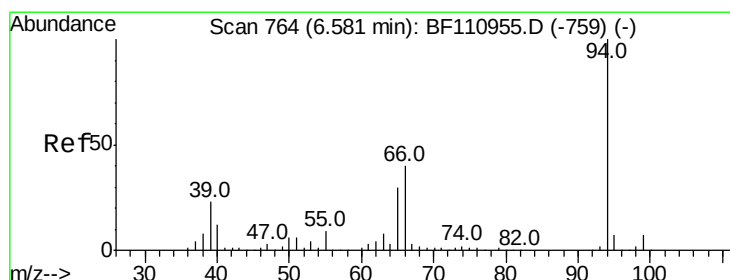
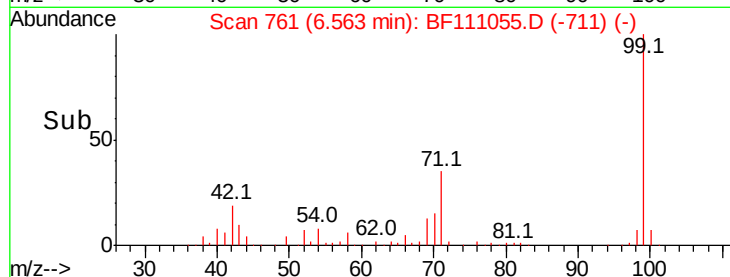
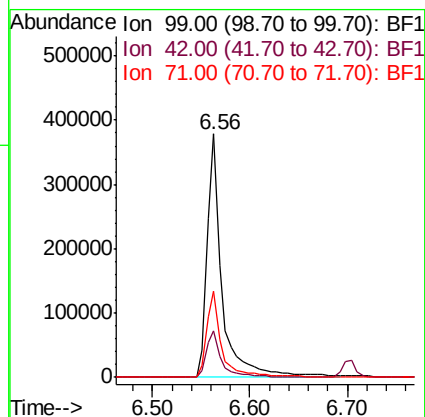
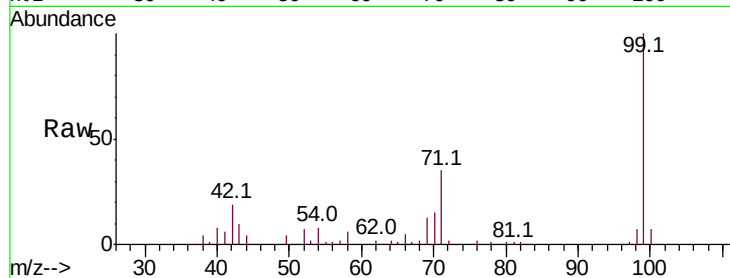
ClientSampled :

RCA-06

Tot Ion:	99	Resp:	404215
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.8	23.6
71	35.2	28.0	42.0

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#10

Phenol

Concen: 4.573 ng

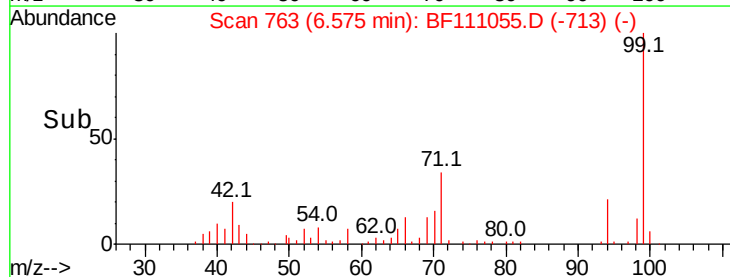
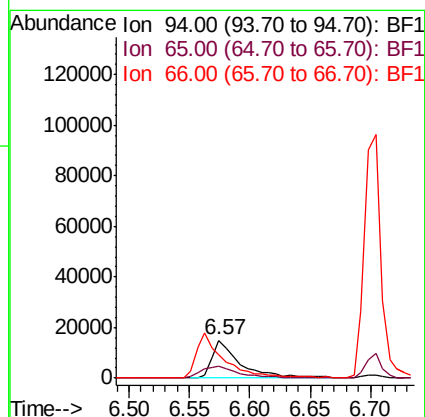
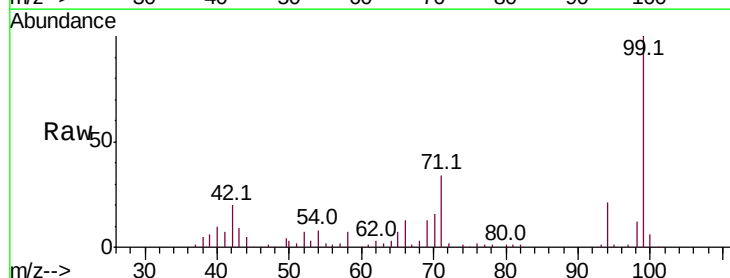
RT: 6.57 min Scan# 763

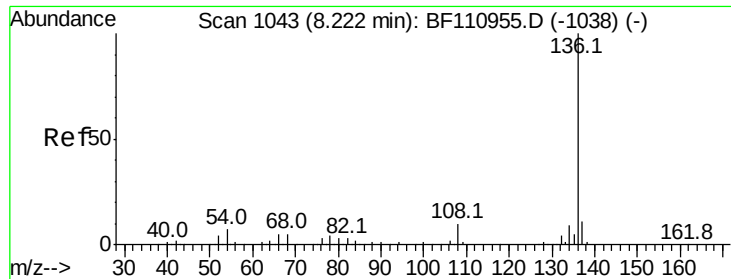
Delta R.T. -0.01 min

Lab File: BF111055.D

Acq: 28 Nov 2018 19:43

Tgt Ion:	94	Resp:	23886
Ion	Ratio	Lower	Upper
94	100		
65	32.8	25.3	65.3
66	61.8	54.5	94.5





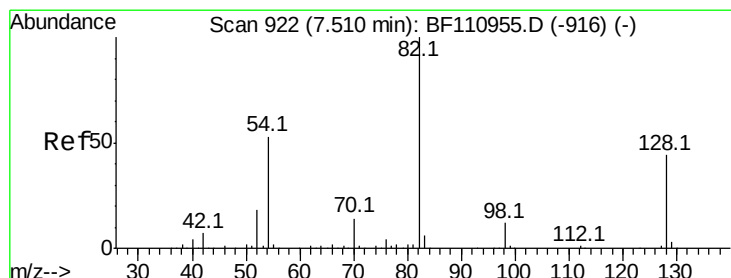
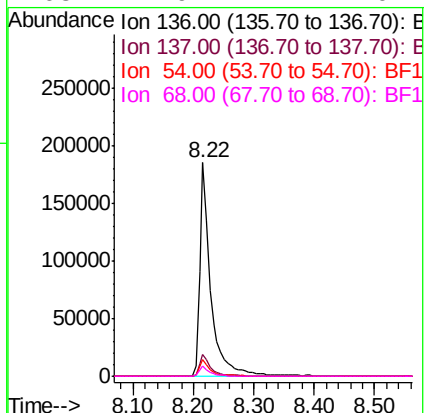
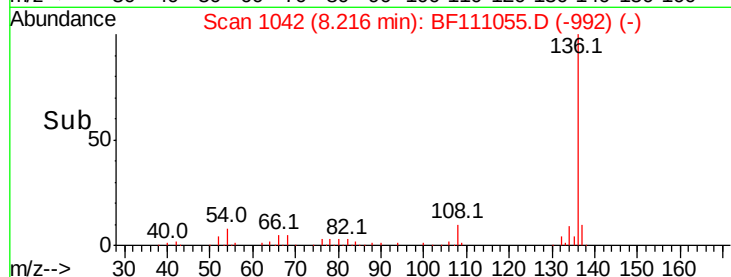
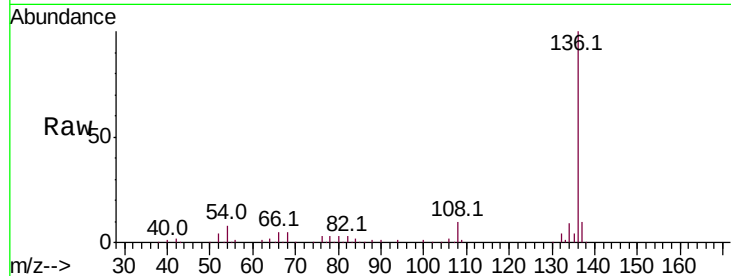
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	8.8	13.2	
54	7.8	5.4	8.2	
68	4.9	4.2	6.2	

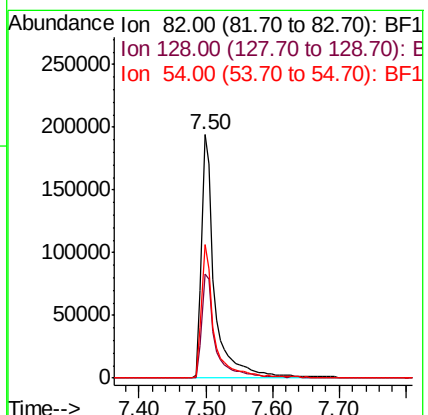
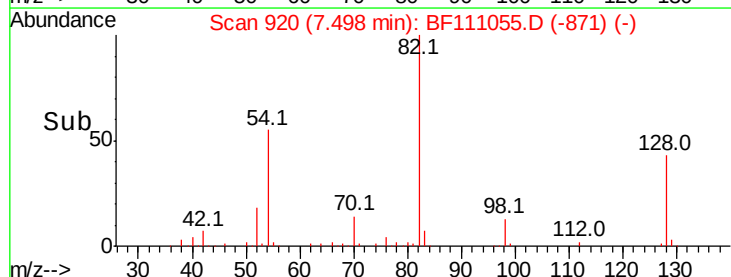
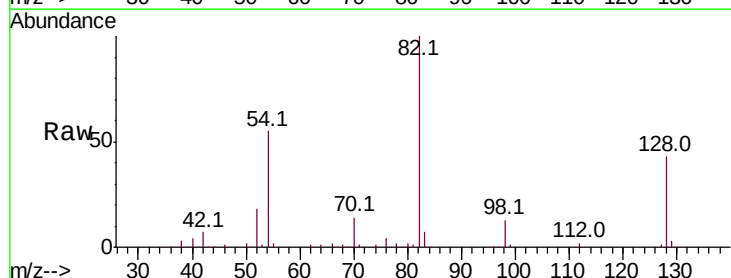
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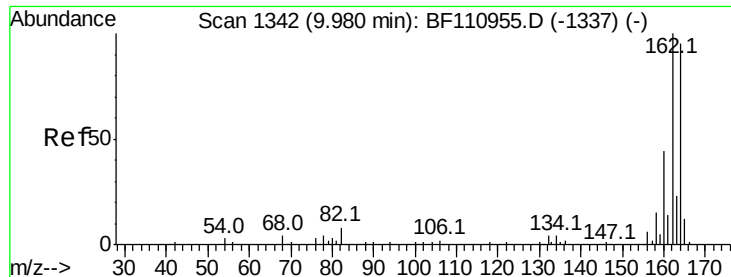
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#23
Nitrobenzene-d5
Concen: 62.488 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.8	34.2	51.2	
54	55.0	38.6	58.0	





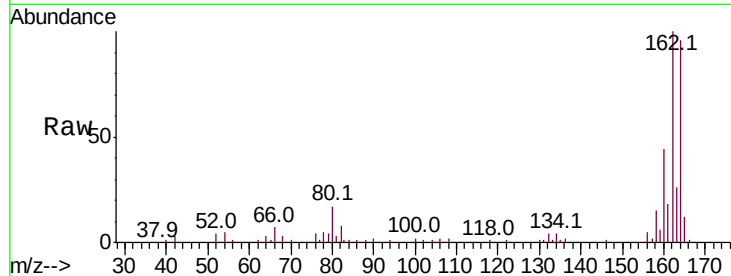
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampled :
RCA-06

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.0	124.6
160	45.9	37.0	55.6

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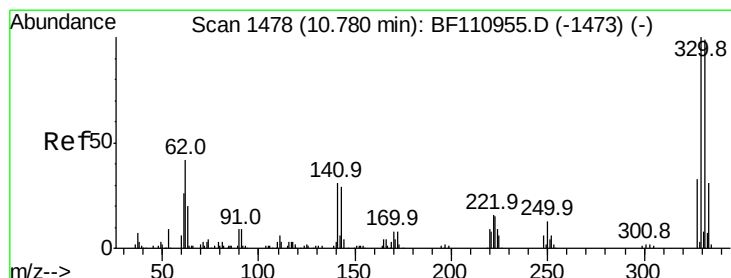
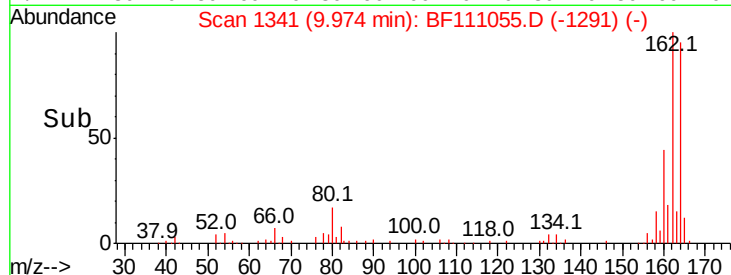
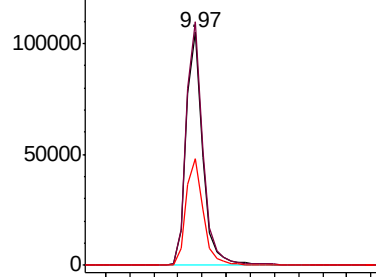


Abundance

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: 78.012 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

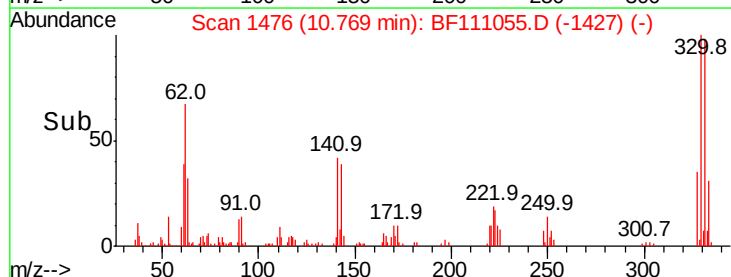
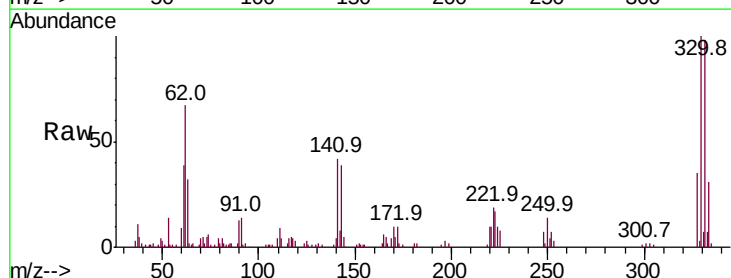
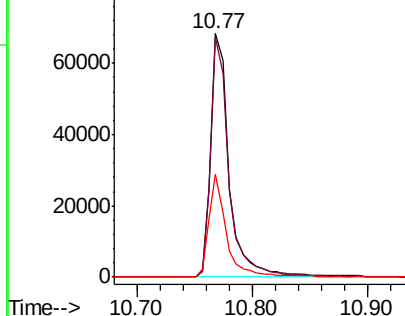
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	39.6	27.0	40.4

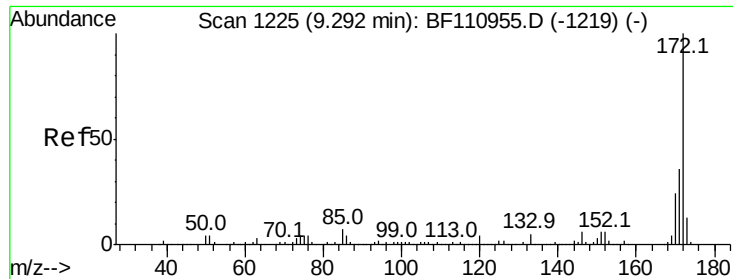
Abundance

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





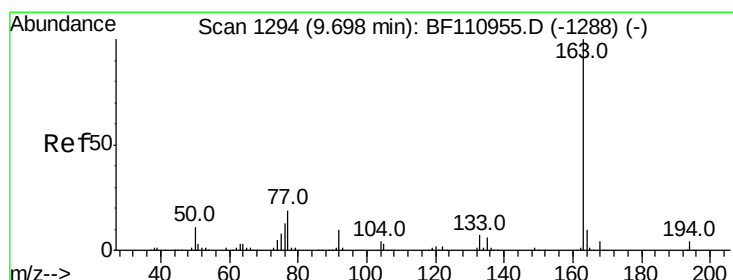
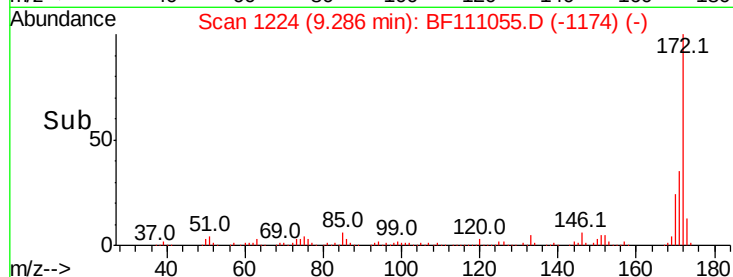
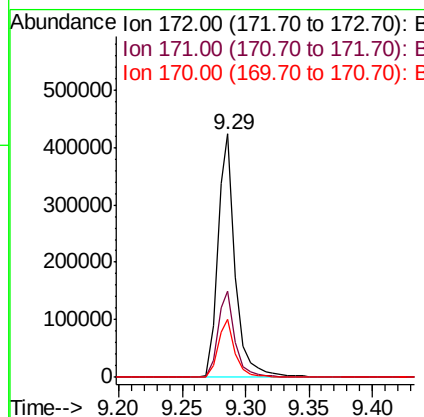
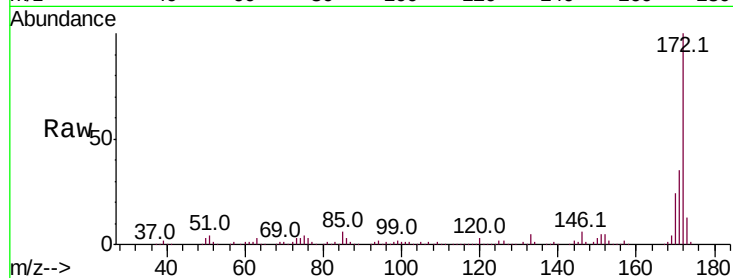
#45
2-Fluorobiphenyl
Concen: 60.030 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.3	28.6	43.0	
170	23.8	19.7	29.5	

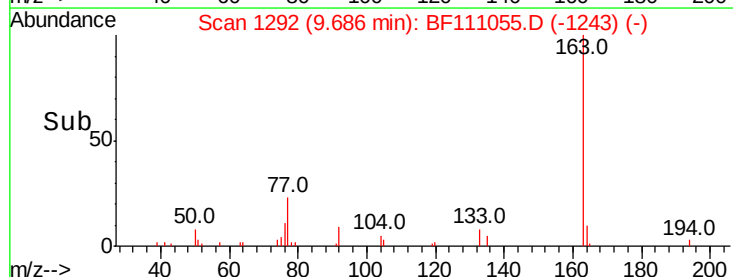
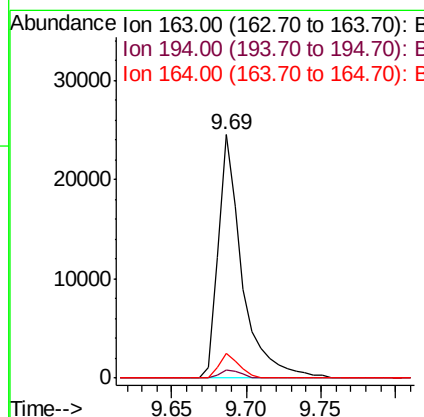
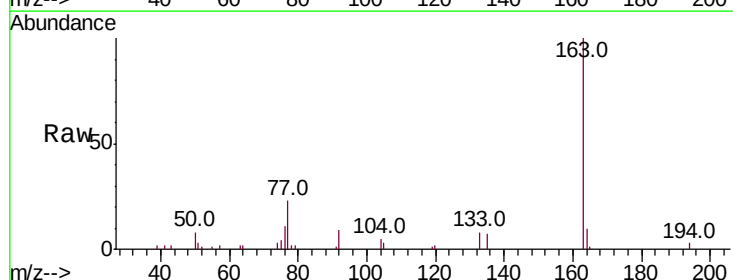
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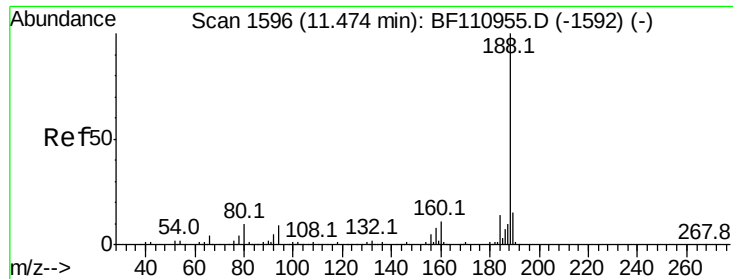
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#50
Dimethylphthalate
Concen: 3.790 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	3.2	4.8#	
164	10.0	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: BF111055.D

Acq: 28 Nov 2018 19:43

Instrument :

BNA_F

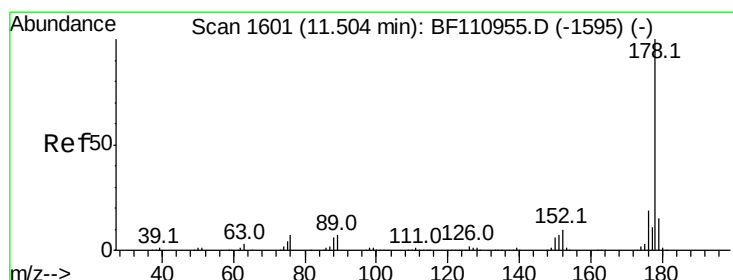
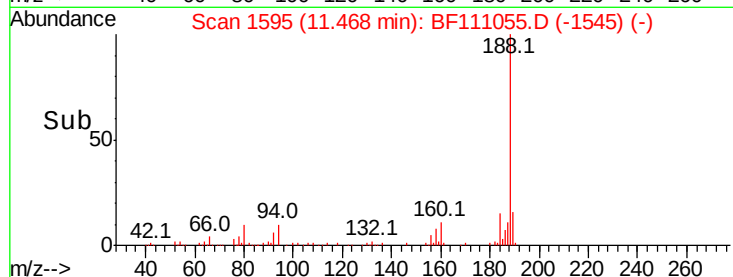
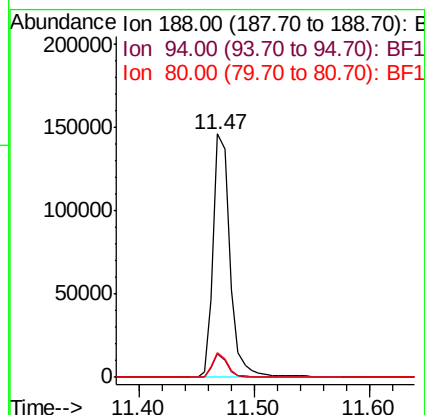
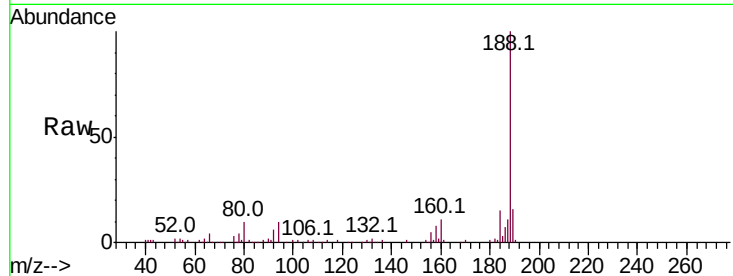
ClientSampled :

RCA-06

Tot Ion:	188	Resp:	149578
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.2	10.8
80	10.4	7.9	11.9

Manual Integrations
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#71

Phenanthrene

Concen: 6.549 ng

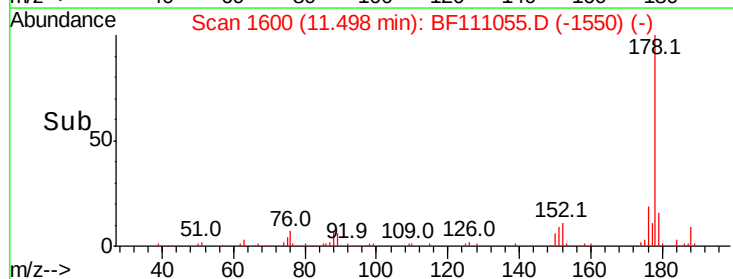
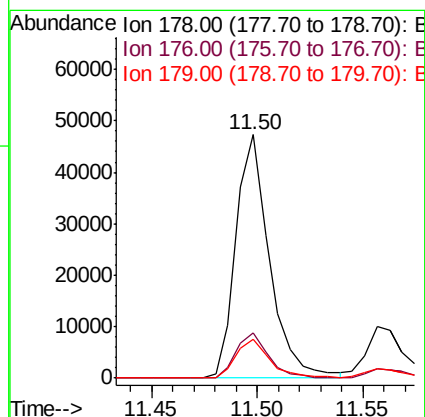
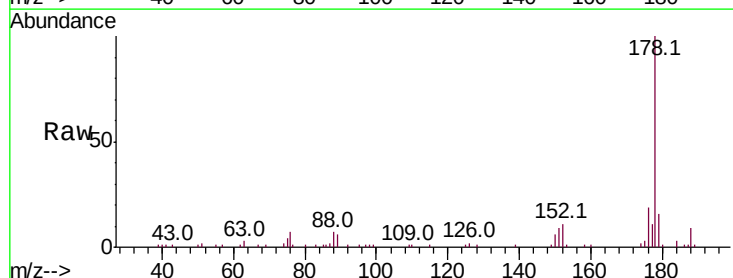
RT: 11.50 min Scan# 1600

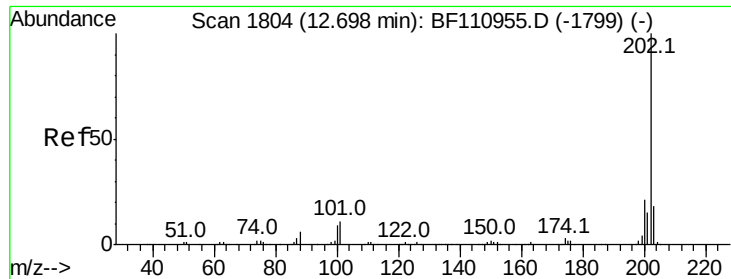
Delta R.T. -0.01 min

Lab File: BF111055.D

Acq: 28 Nov 2018 19:43

Tgt Ion:	178	Resp:	51883
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.5	23.3
179	15.9	12.5	18.7





#75

Fluoranthene

Concen: 7.077 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF111055.D

Acq: 28 Nov 2018 19:43

Instrument :

BNA_F

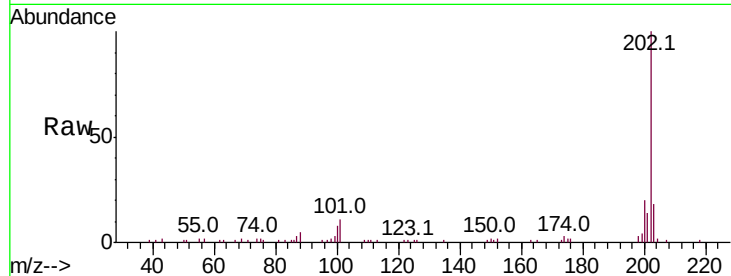
ClientSampleId :

RCA-06

Tot Ion:	202	Resp:	57620
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	31.4
203	17.9	0.0	37.7

Manual Integrations
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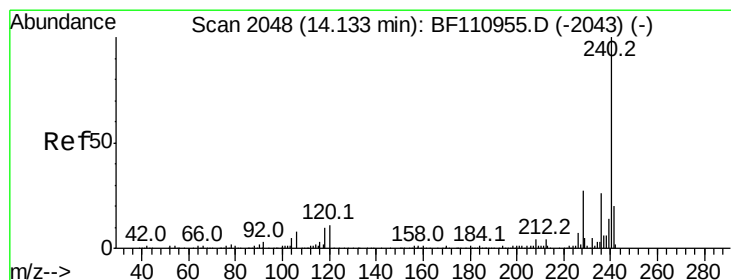
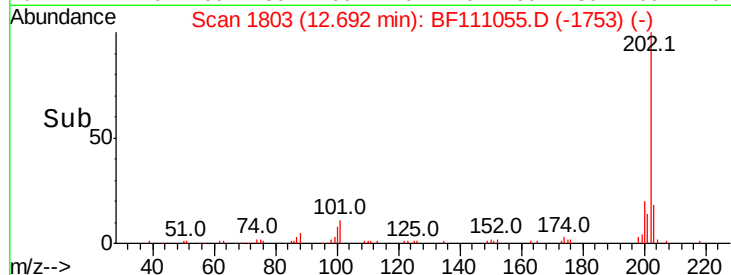
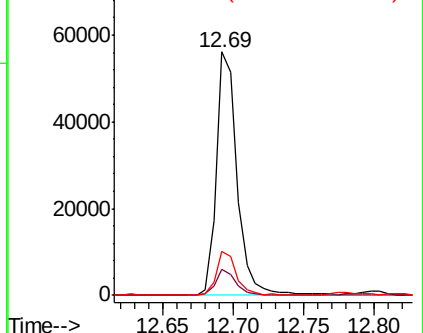
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Abundance Ion 202.00 (201.70 to 202.70): E

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: BF111055.D

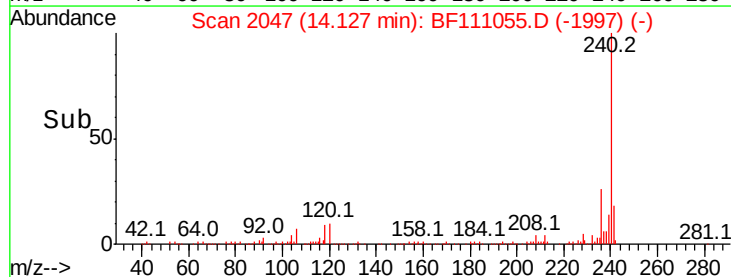
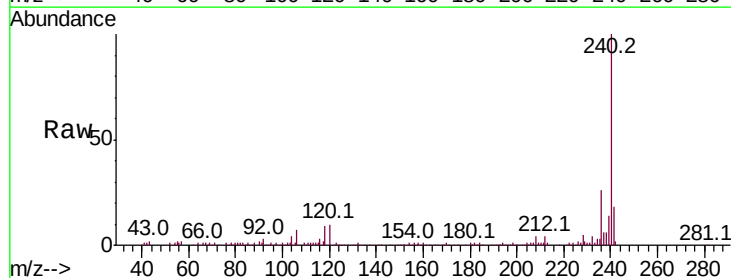
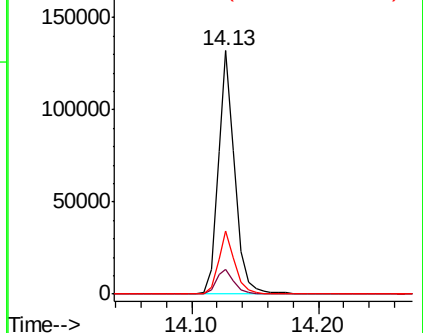
Acq: 28 Nov 2018 19:43

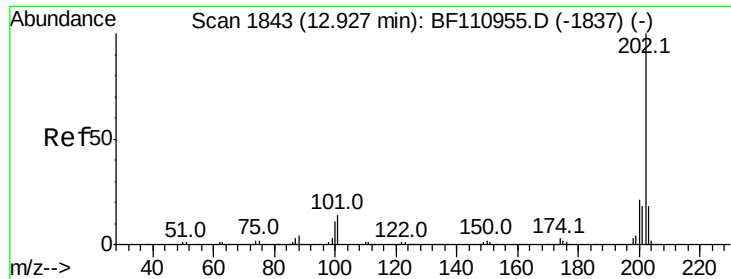
Tgt Ion:	240	Resp:	120679
Ion Ratio	Lower	Upper	
240	100		
120	10.1	8.3	12.5
236	25.7	21.2	31.8

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





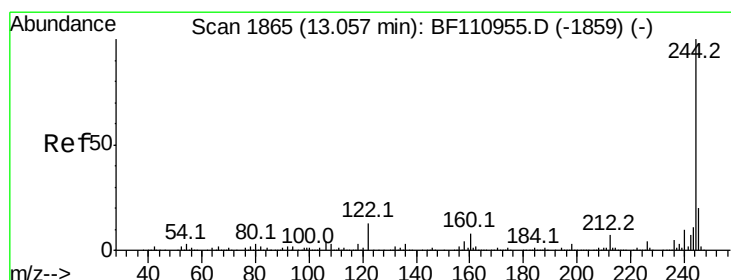
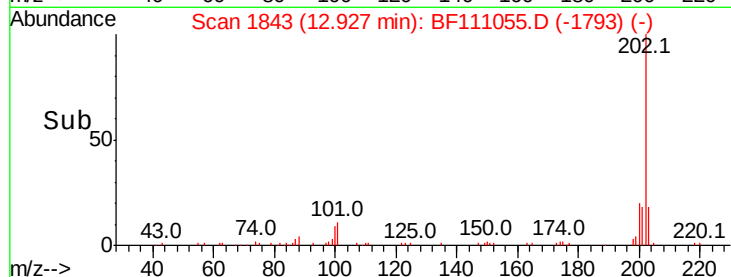
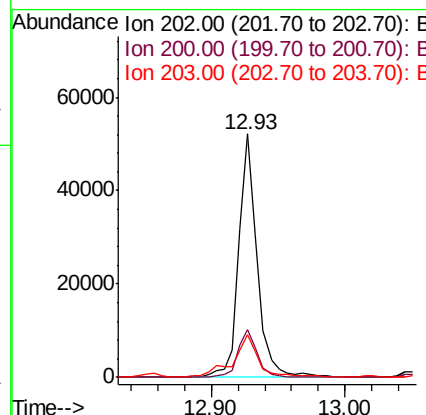
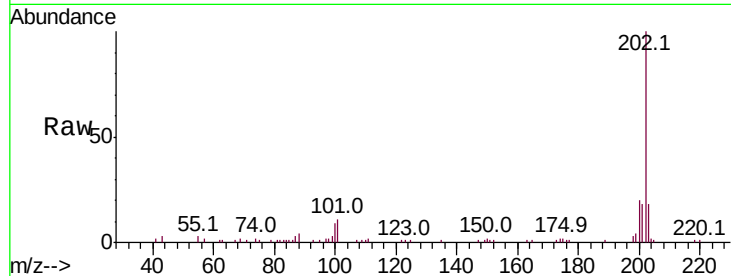
#78
Pvrene
Concen: 5.747 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.8	26.6
203	17.8	14.2	21.4

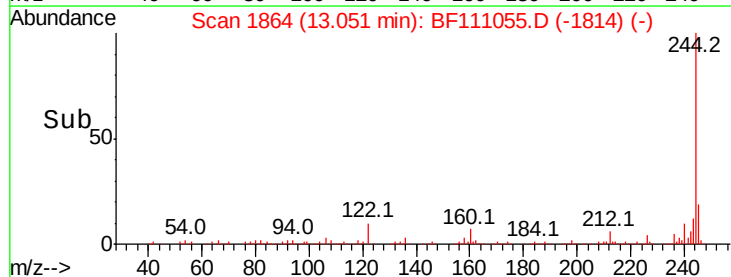
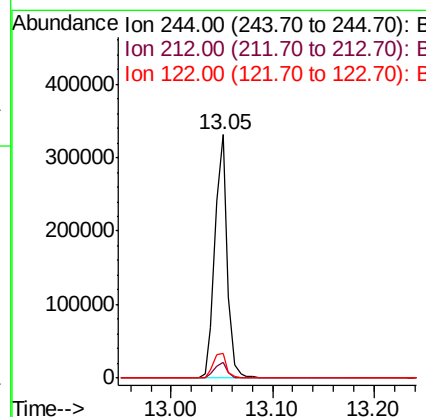
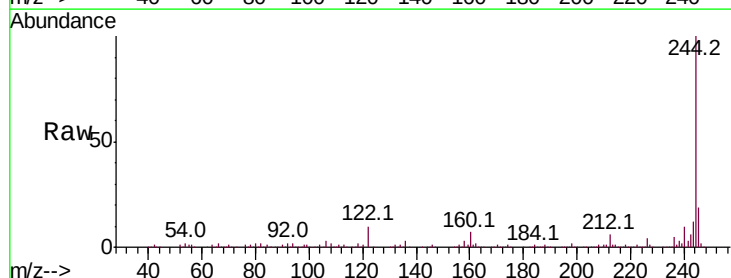
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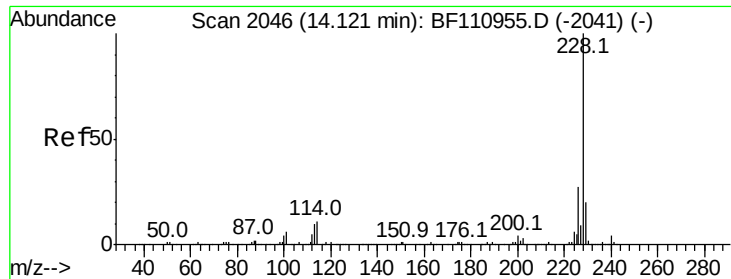
mohammad
11/29/2018 1:58:30 PM



#79
Terphenyl-d14
Concen: 45.115 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	10.0	8.7	13.1





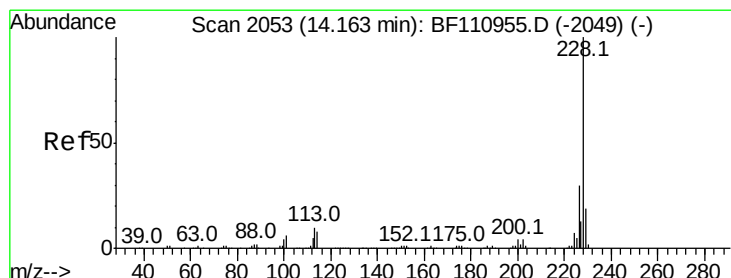
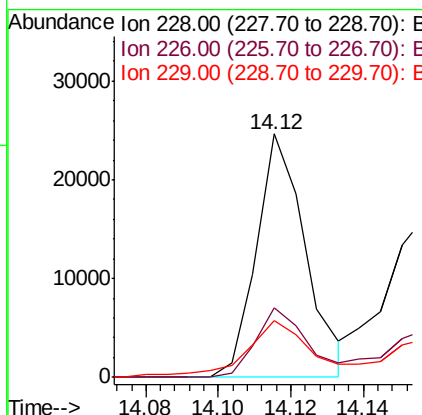
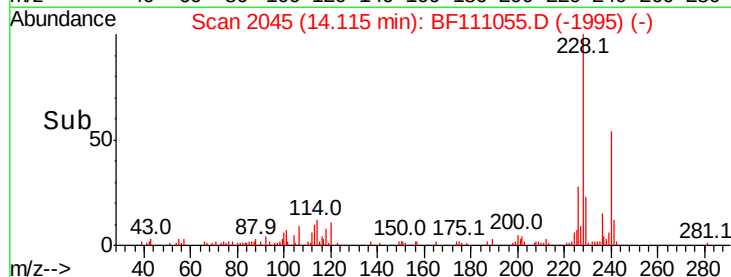
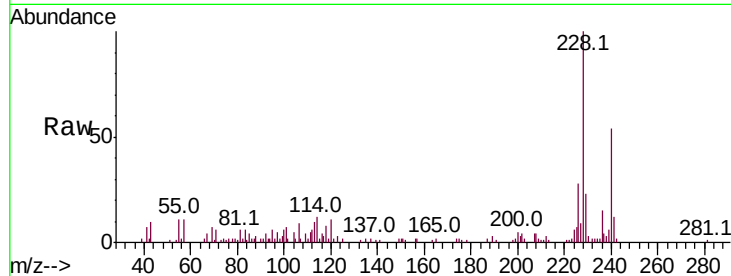
#81
Benzo(a)anthracene
Concen: 3.259 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	23.5	15.6	23.4

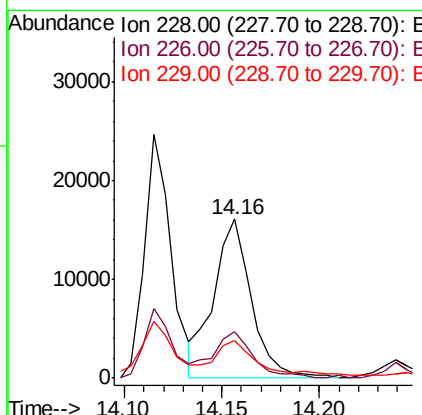
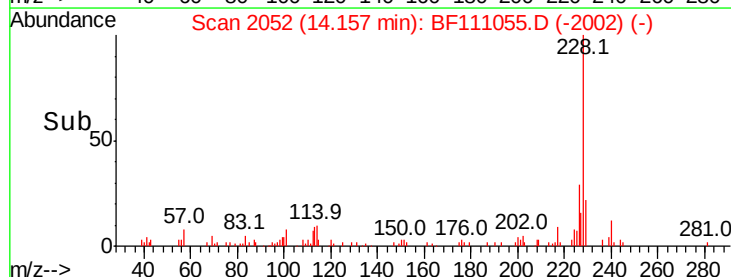
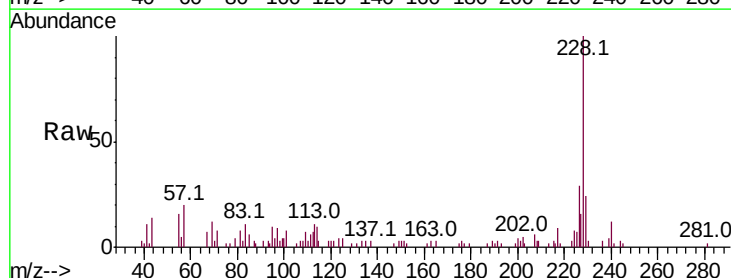
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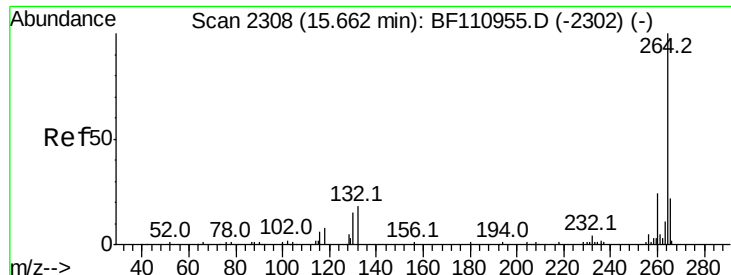
mohammad
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#83
Chrysene
Concen: 3.113 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.7	37.1
229	23.6	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: BF111055.D

Acq: 28 Nov 2018 19:43

Instrument :

BNA_F

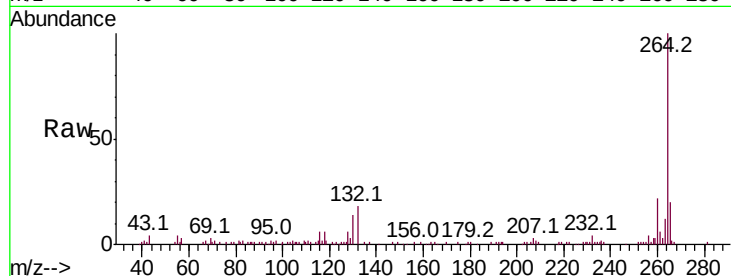
ClientSampleId :

RCA-06

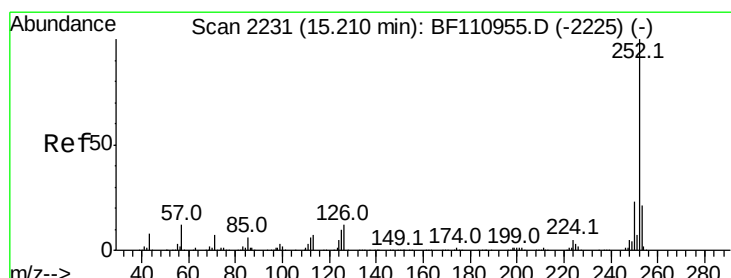
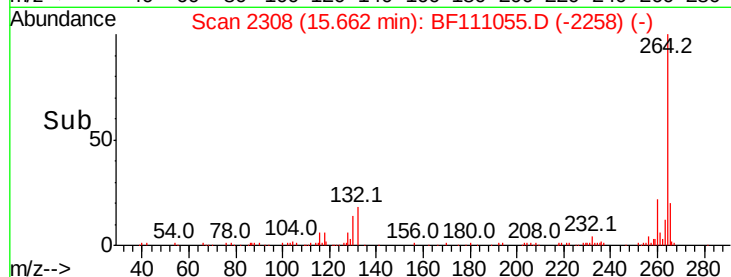
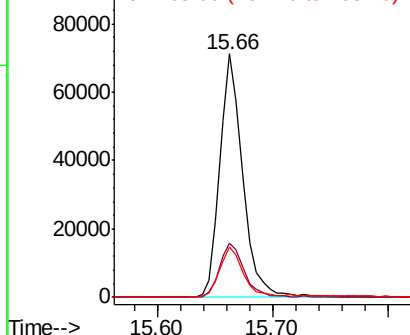
Tot Ion:	264	Resp:	98122
Ion Ratio	Lower	Upper	
264	100		
260	22.3	18.7	28.1
265	20.5	16.7	25.1

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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: 3.553 ng m

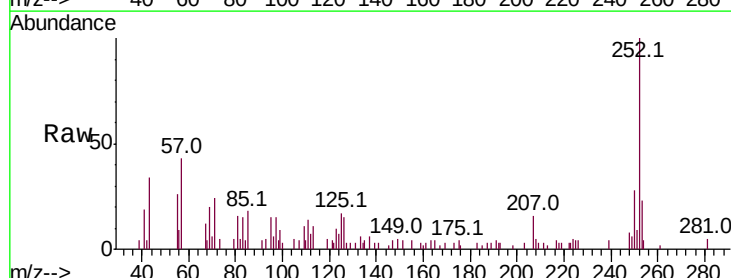
RT: 15.22 min Scan# 2232

Delta R.T. 0.01 min

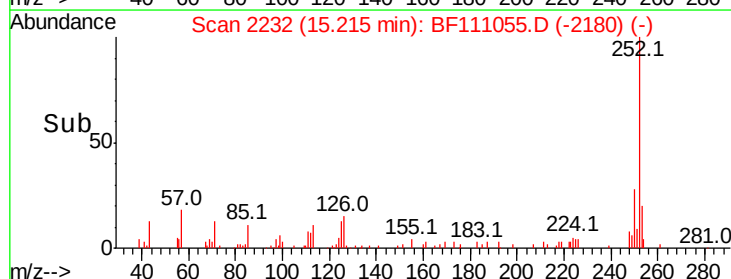
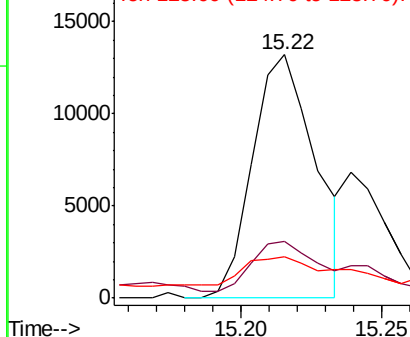
Lab File: BF111055.D

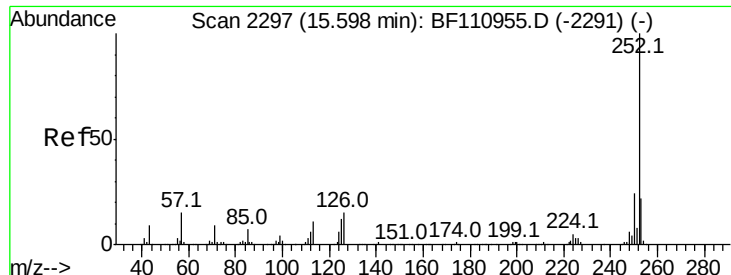
Acq: 28 Nov 2018 19:43

Tgt Ion:	252	Resp:	20481
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.2	25.8
125	17.1	8.2	12.4#



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





#90
 Benzo(a)pyrene
 Concen: 2.954 ng
 RT: 15.60 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: BF111055.D
 Acq: 28 Nov 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :
 RCA-06

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.7	18.2	27.4
125	18.2	9.0	13.6

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