

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096654.D
 Acq On : 11 Jul 2017 19:50
 Operator : SJ/JU
 Sample : I4069-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Manual Integrations
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Quant Time: Jul 12 03:05:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	111118	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	434232	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	162503	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	220491	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	214953	20.00	ng	-0.02
86) Perylene-d12	15.23	264	214135	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	501655	66.63	ng	-0.01
7) Phenol-d6	6.33	99	694209	75.01	ng	-0.02
23) Nitrobenzene-d5	7.25	82	413919	57.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	68376	53.87	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	592567	62.35	ng	-0.02
78) Terphenyl-d14	12.78	244	362597	36.05	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.34	94	21298	2.020	ng	89
49) Dimethylphthalate	9.43	163	108511	8.945	ng	99
70) Phenanthrene	11.22	178	165053	13.848	ng	98
71) Anthracene	11.27	178	38581	3.176	ng	98
74) Fluoranthene	12.40	202	352786	30.189	ng	98
77) Pyrene	12.63	202	362103	20.987	ng	97
80) Benzo(a)anthracene	13.82	228	203620m	16.358	ng	
82) Chrysene	13.85	228	174630	13.397	ng	98
85) Indeno(1,2,3-cd)pyrene	16.56	276	96053	9.335	ng	94
87) Benzo(b)fluoranthene	14.83	252	267306m	19.922	ng	
88) Benzo(k)fluoranthene	14.86	252	66387m	5.531	ng	
89) Benzo(a)pyrene	15.17	252	187497	15.652	ng	99
90) Dibenzo(a,h)anthracene	16.57	278	26518	2.814	ng	# 90
91) Benzo(g,h,i)perylene	16.96	276	85491	8.754	ng	99

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

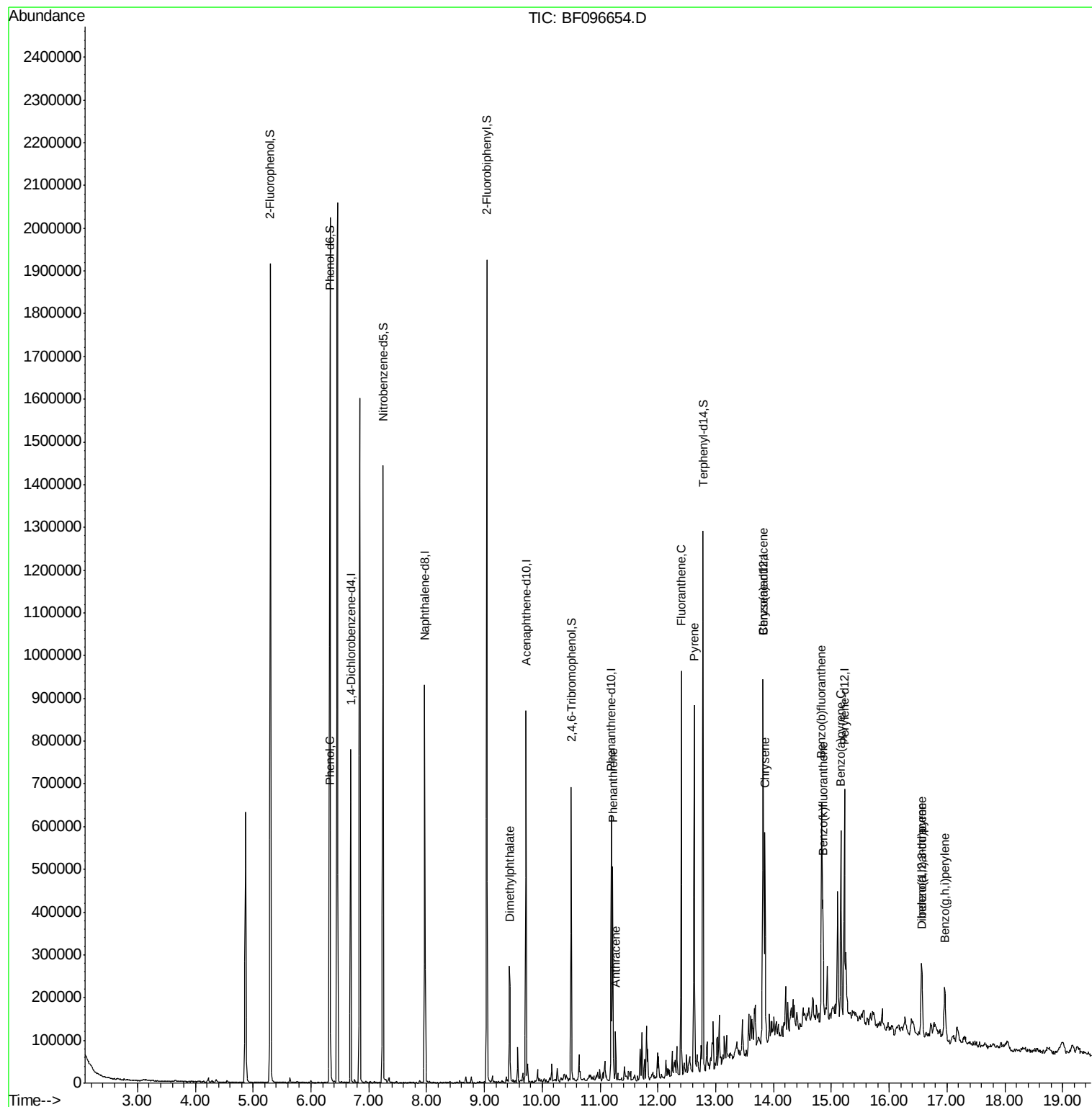
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
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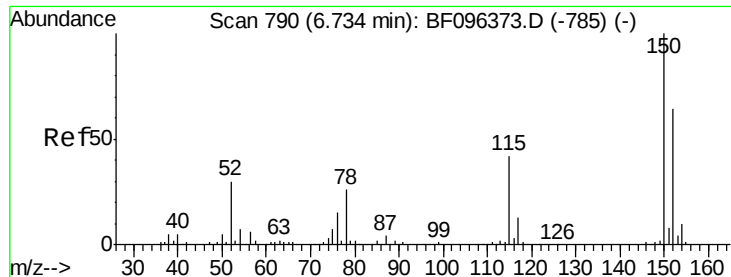
Instrument :
BNA_F
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
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#1

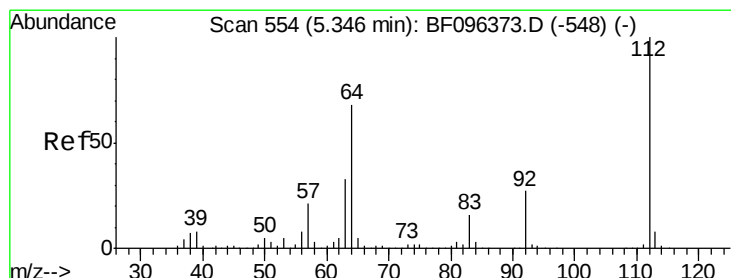
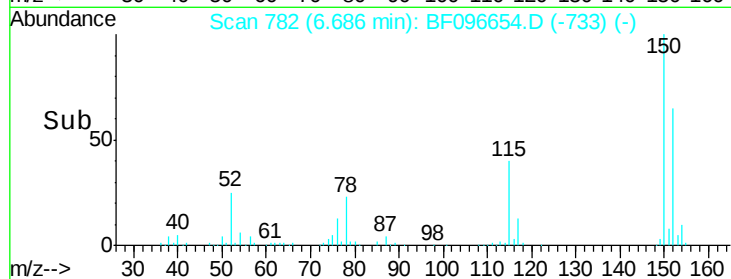
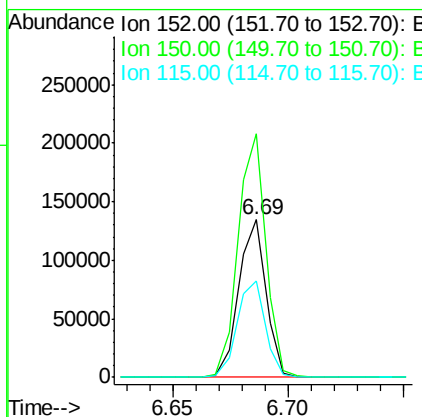
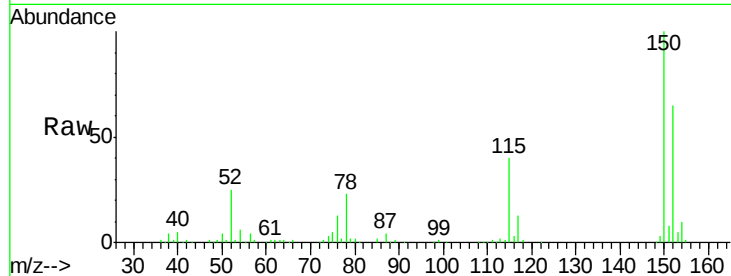
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampled :
SB-3

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	111118		
150	154.7	126.2	189.2	
115	61.2	52.2	78.2	

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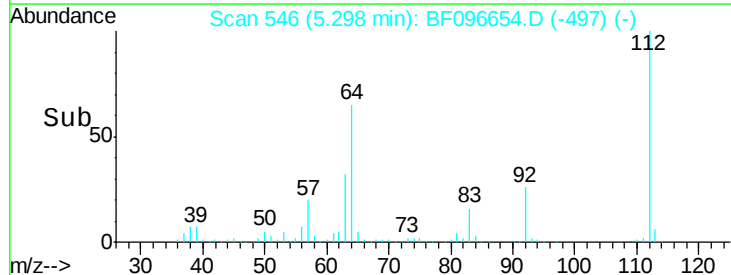
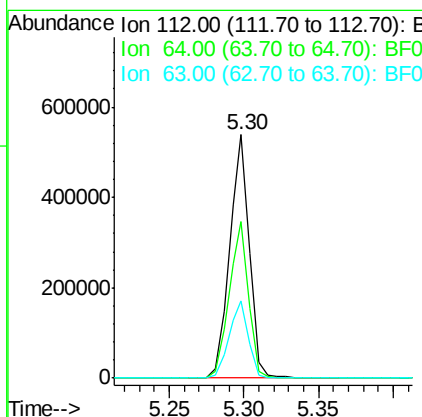
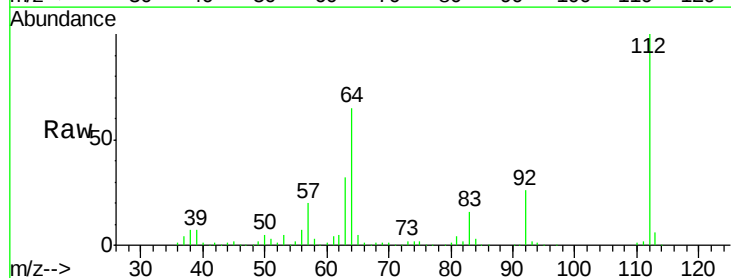
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#5

2-Fluorophenol
Concen: 66.634 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	501655		
64	64.6	46.0	69.0	
63	31.8	23.4	35.0	





#7

Phenol-d6

Concen: 75.007 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096654.D

Acq: 11 Jul 2017 19:50

Instrument :

BNA_F

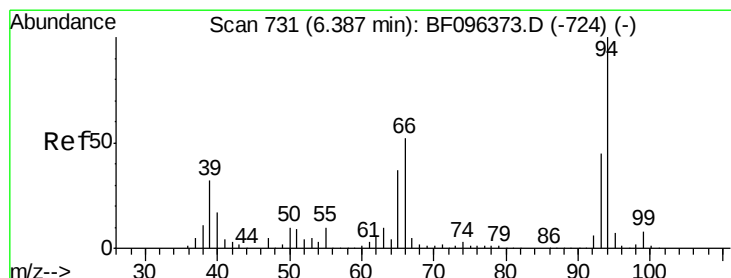
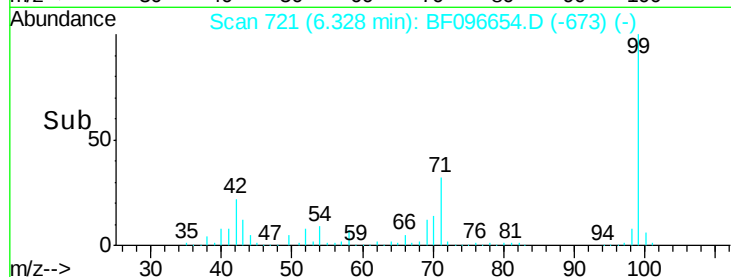
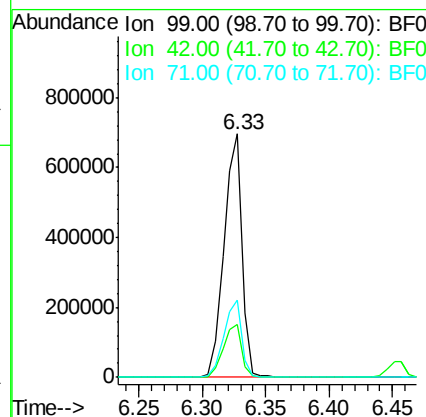
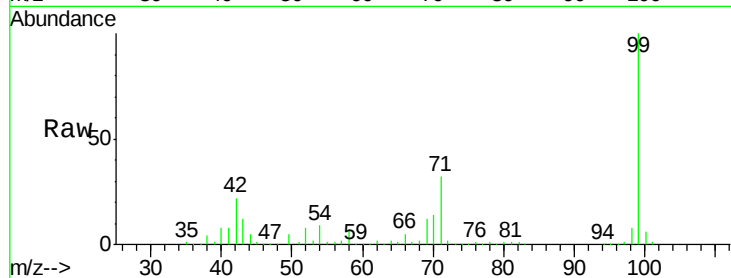
ClientSampleId :

SB-3

Tgt Ion:	99	Resp:	694209
Ion Ratio	Lower	Upper	
99	100		
42	21.9	13.5	20.3#
71	31.5	24.5	36.7

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#10

Phenol

Concen: 2.020 ng

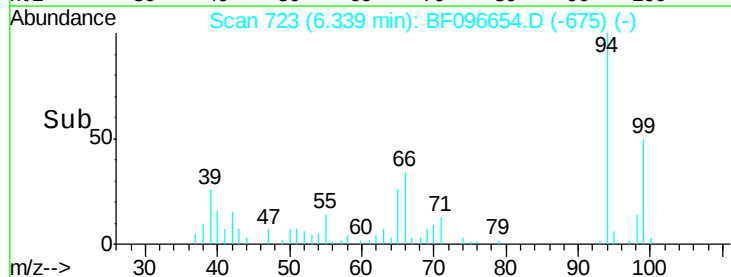
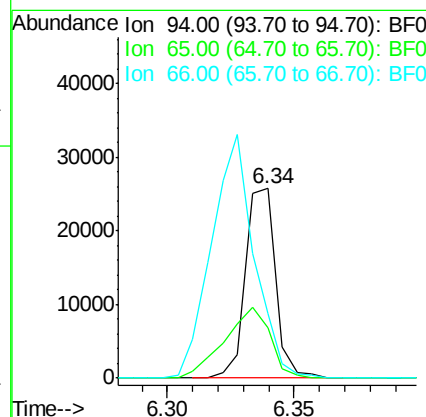
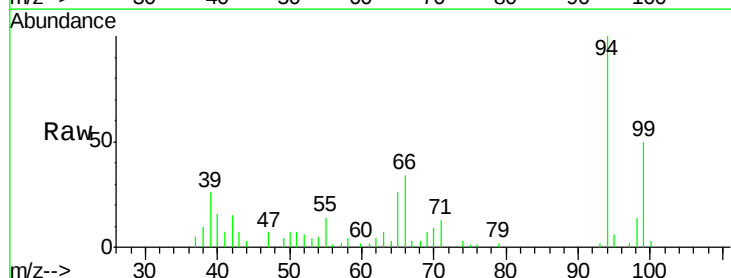
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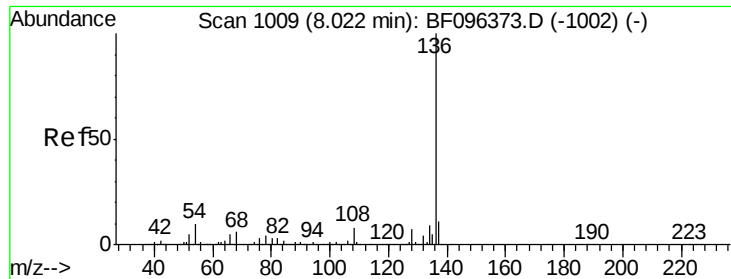
Delta R.T. -0.02 min

Lab File: BF096654.D

Acq: 11 Jul 2017 19:50

Tgt Ion:	94	Resp:	21298
Ion Ratio	Lower	Upper	
94	100		
65	26.3	9.9	49.9
66	33.9	23.1	63.1





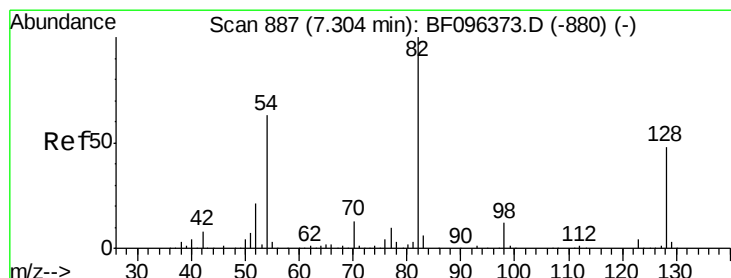
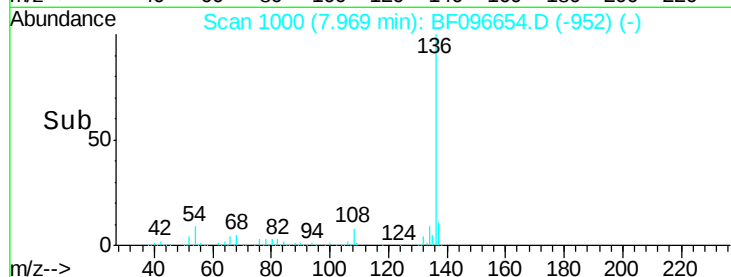
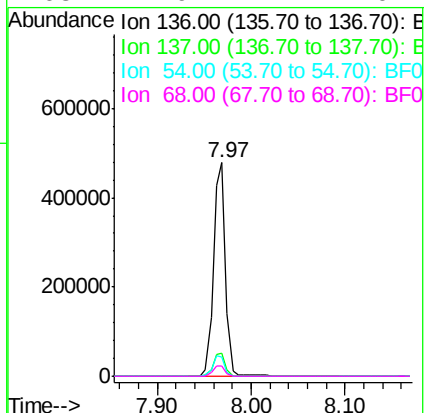
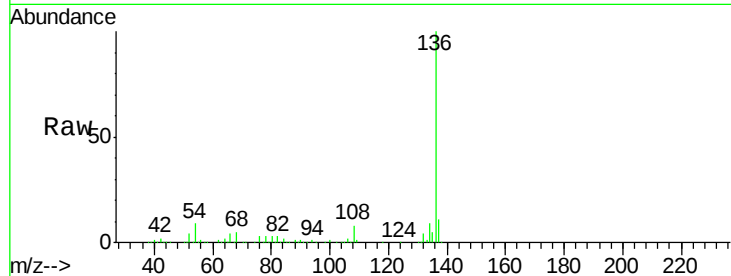
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	434232		
137	10.8	8.5	12.7	
54	8.8	4.9	7.3#	
68	4.9	4.1	6.1	

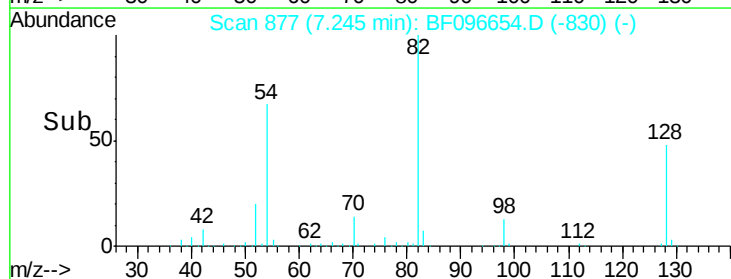
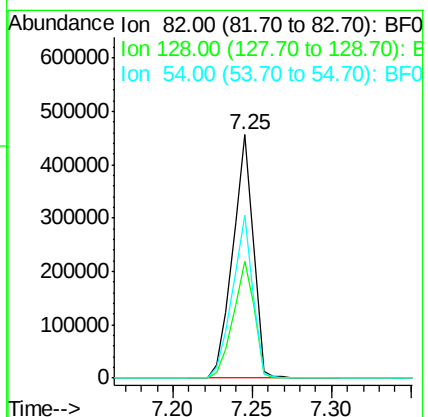
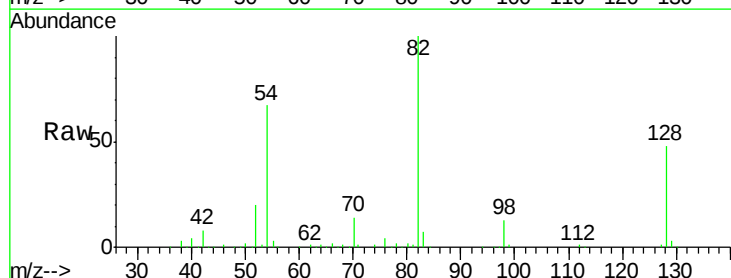
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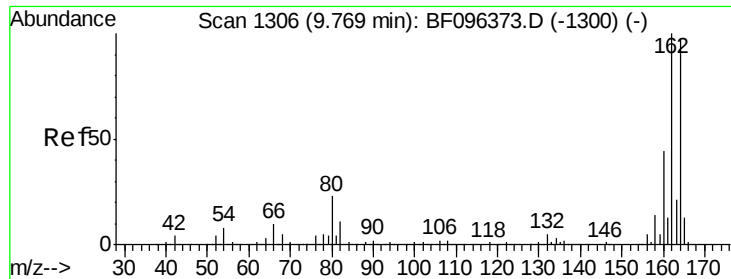
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#23
Nitrobenzene-d5
Concen: 57.280 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	413919		
128	47.9	34.0	51.0	
54	66.8	42.2	63.2#	





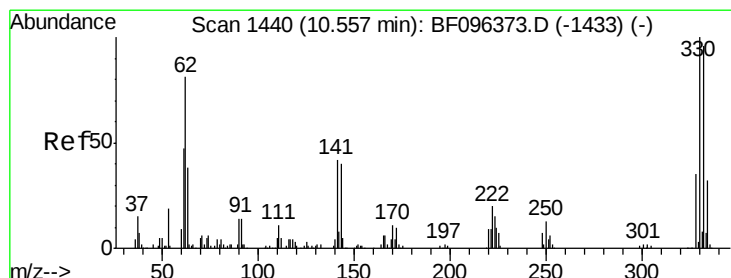
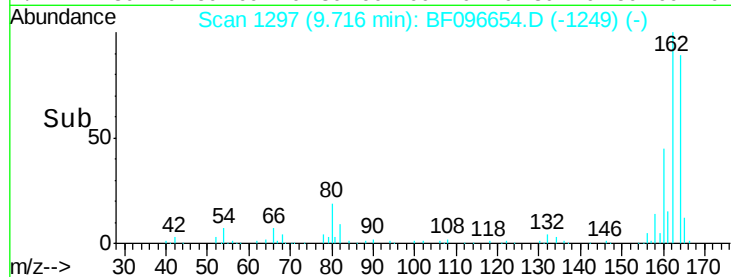
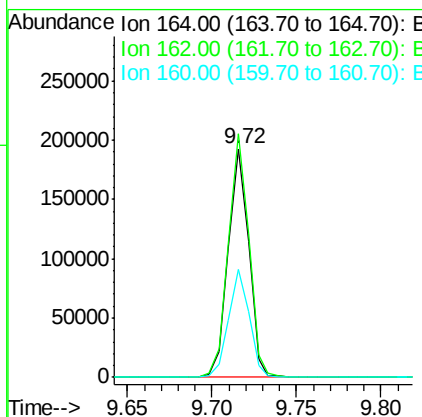
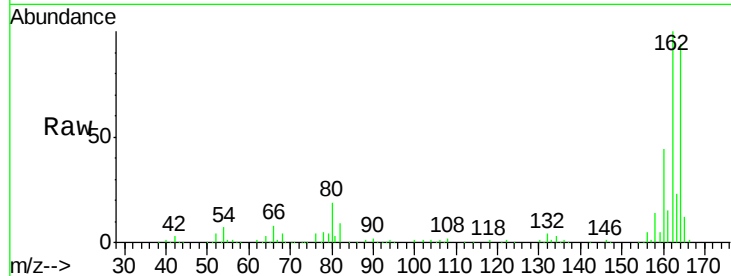
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096654.D
 Acq: 11 Jul 2017 19:50

Instrument :
 BNA_F
 ClientSampled :
 SB-3

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	162503		
162	106.4	82.6	123.8	
160	47.0	36.2	54.2	

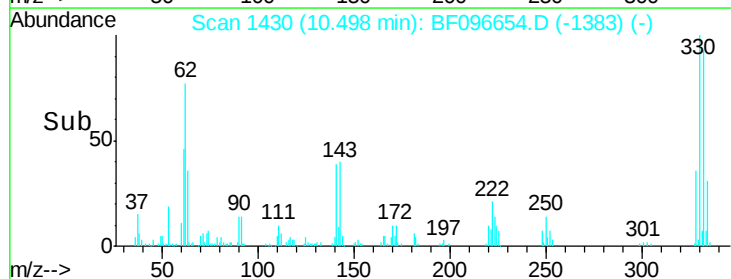
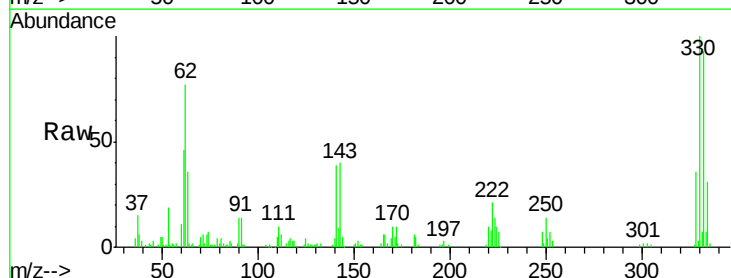
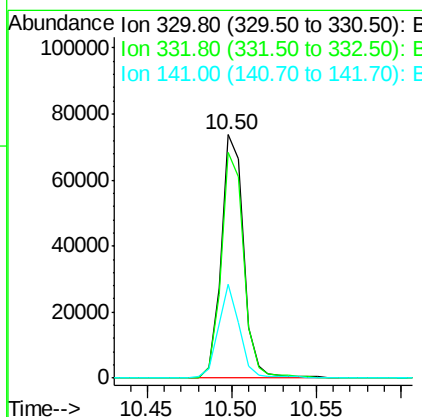
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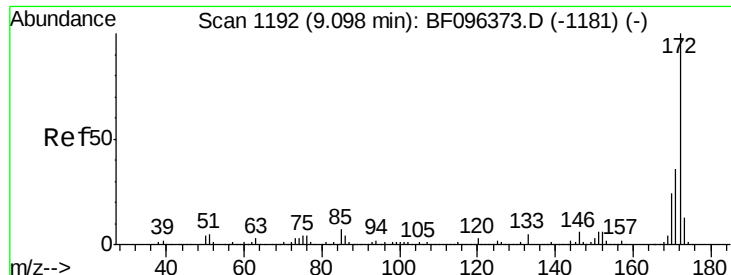
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#41
 2,4,6-Tribromophenol
 Concen: 53.867 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF096654.D
 Acq: 11 Jul 2017 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	68376		
332	92.9	76.6	115.0	
141	37.0	31.4	47.2	





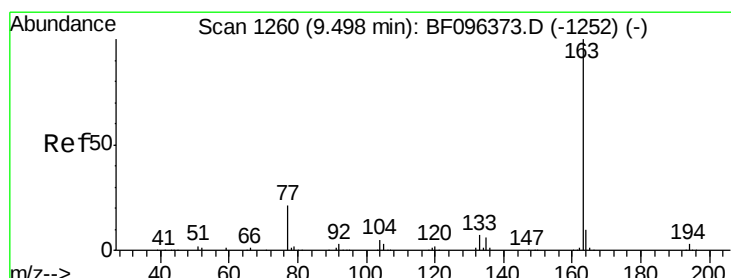
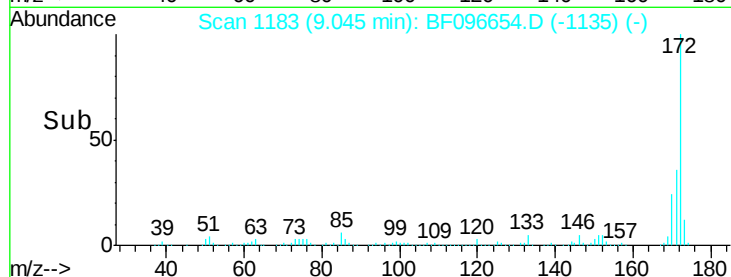
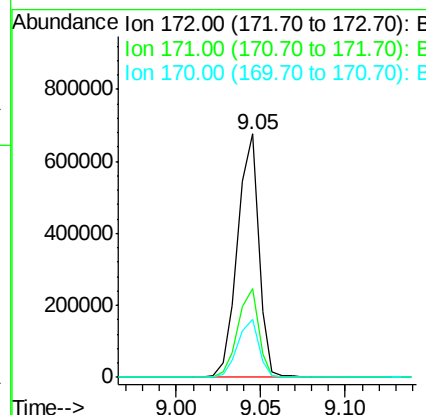
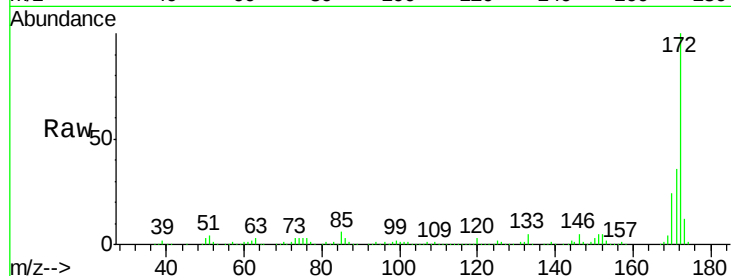
#44
 2-Fluorobiphenyl
 Concen: 62.347 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096654.D
 Acq: 11 Jul 2017 19:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.4	29.6	44.4
170	23.7	19.8	29.8

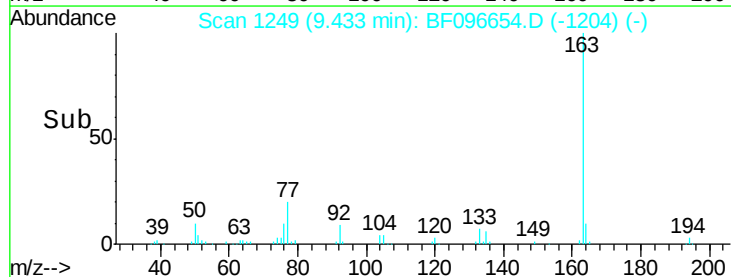
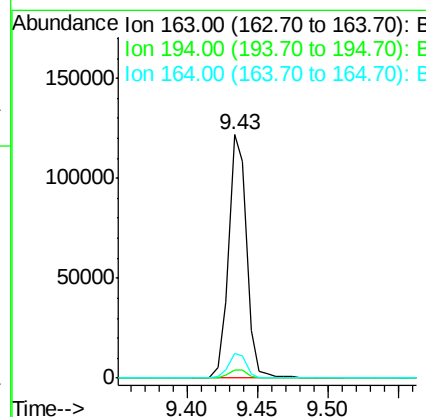
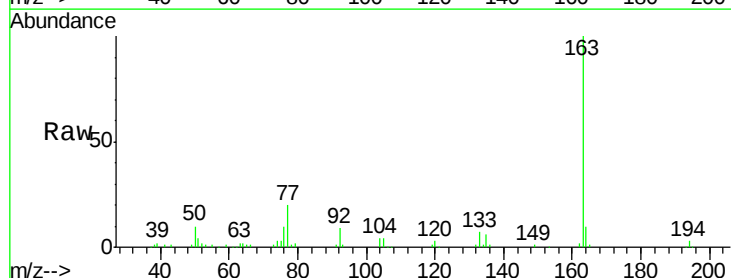
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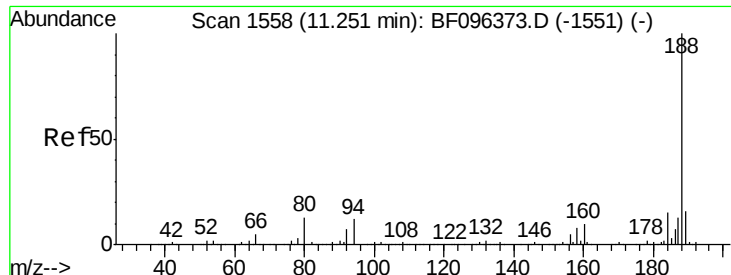
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#49
 Dimethylphthalate
 Concen: 8.945 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.04 min
 Lab File: BF096654.D
 Acq: 11 Jul 2017 19:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.6	4.0
164	10.0	8.4	12.6





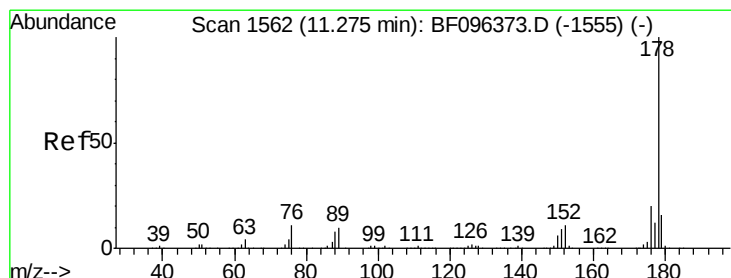
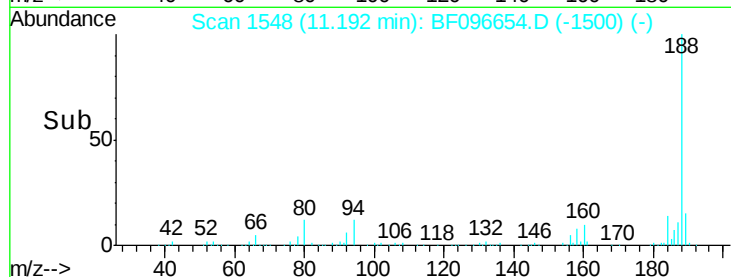
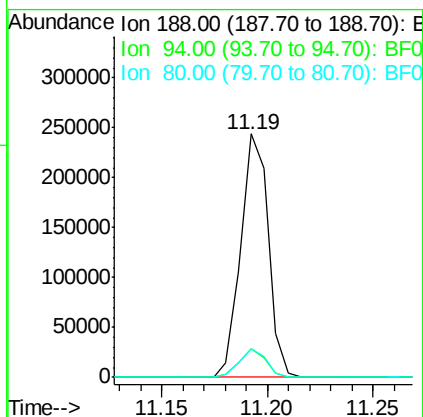
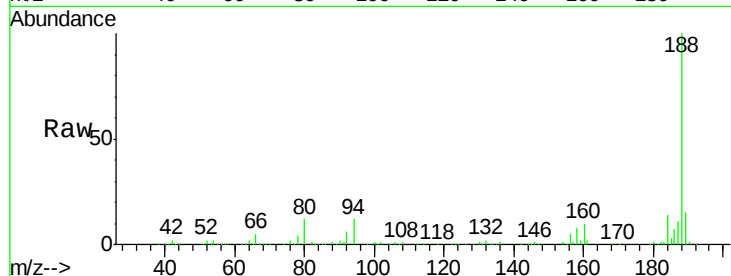
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.7	9.4	14.2
80	11.9	10.2	15.2

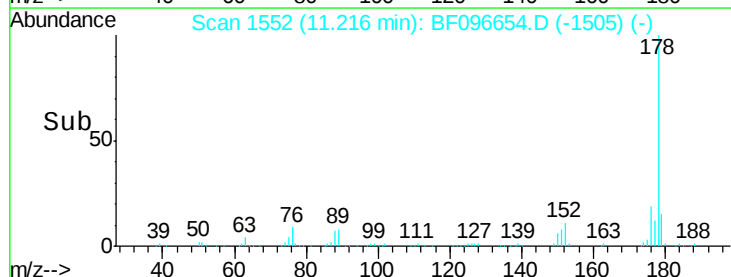
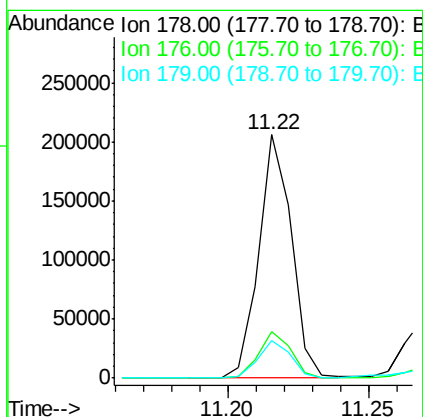
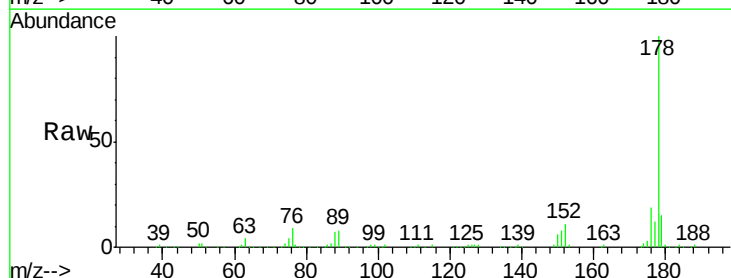
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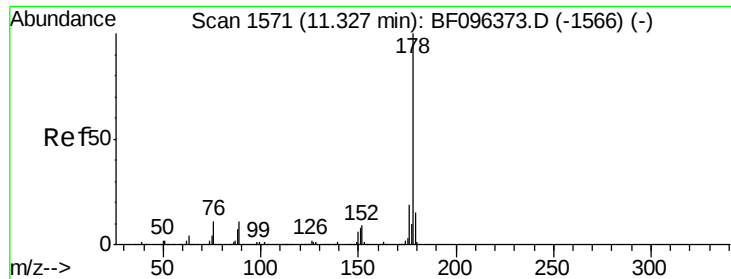
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#70
Phenanthrene
Concen: 13.848 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.1	16.2	24.4
179	15.3	12.6	19.0





#71

Anthracene

Concen: 3.176 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.02 min

Lab File: BF096654.D

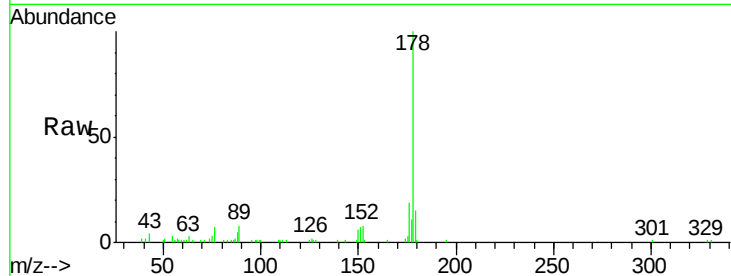
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Instrument :

BNA_F

ClientSampled :

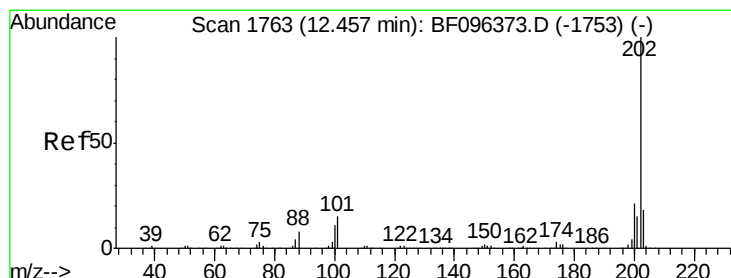
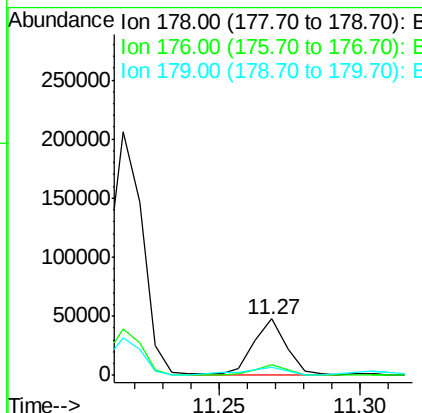
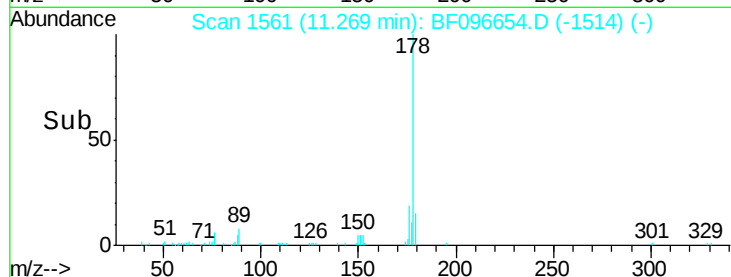
SB-3



Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.6	12.7	19.1

Manual Integrations
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#74

Fluoranthene

Concen: 30.189 ng

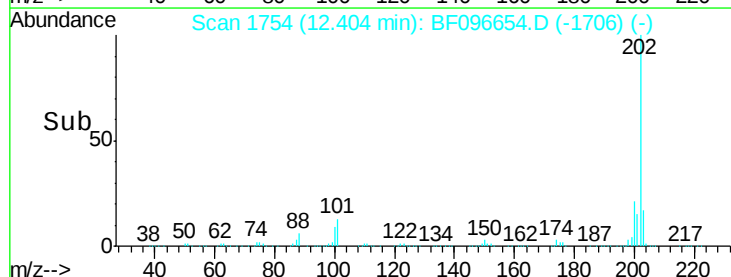
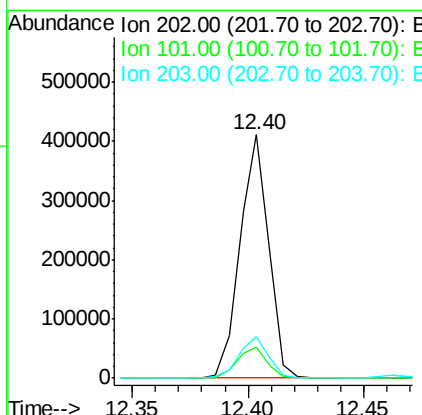
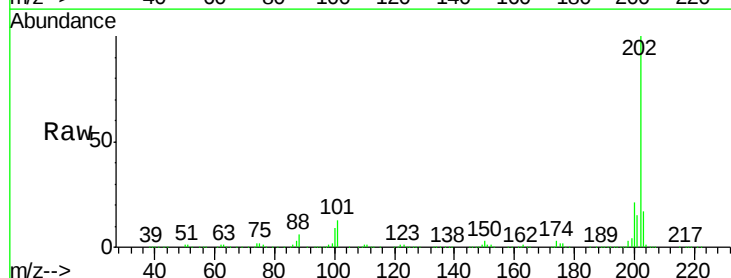
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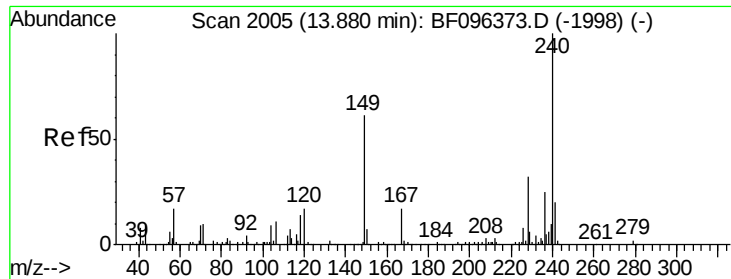
Delta R.T. -0.02 min

Lab File: BF096654.D

Acq: 11 Jul 2017 19:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	16.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096654.D

Acq: 11 Jul 2017 19:50

Instrument :

BNA_F

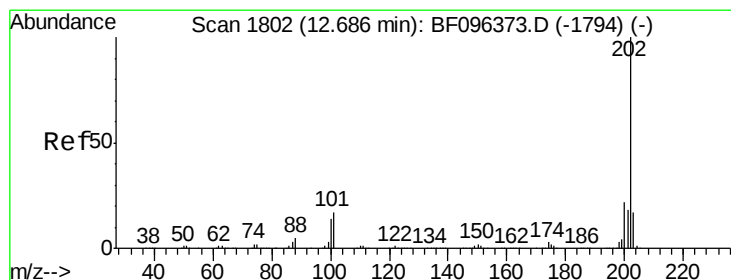
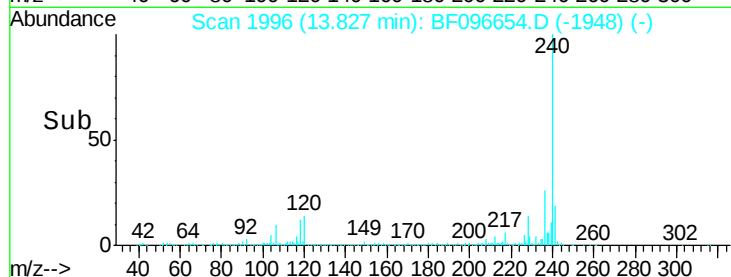
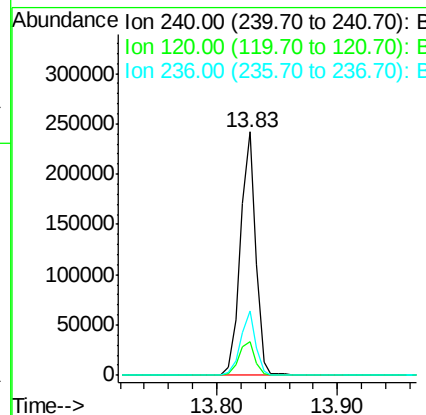
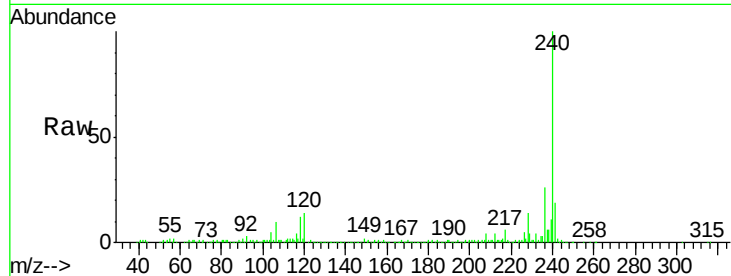
ClientSampleId :

SB-3

Tgt Ion: 240 Resp: 214953
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 26.4 20.5 30.7

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#77

Pyrene

Concen: 20.987 ng

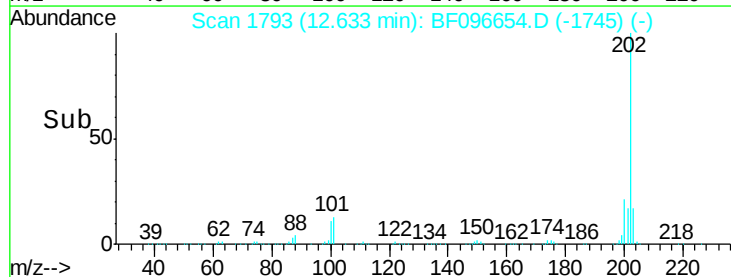
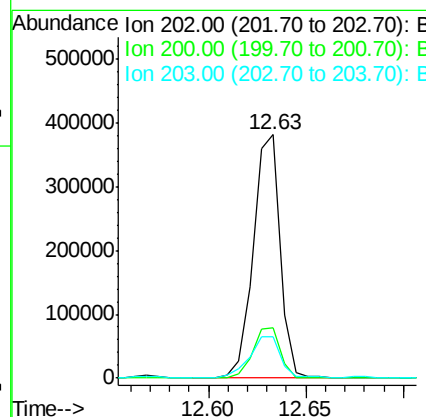
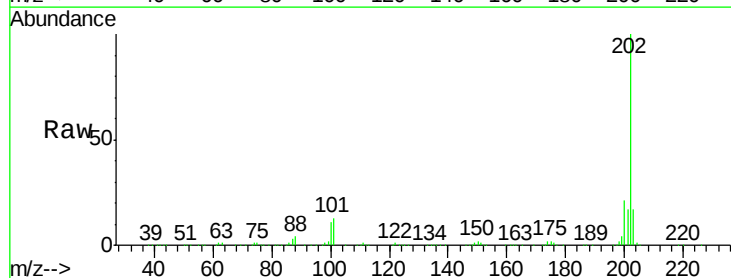
RT: 12.63 min Scan# 1793

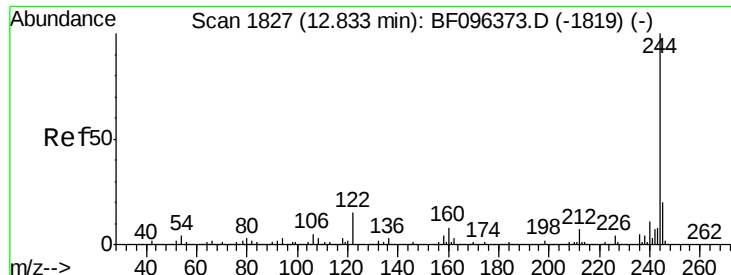
Delta R.T. -0.02 min

Lab File: BF096654.D

Acq: 11 Jul 2017 19:50

Tgt Ion: 202 Resp: 362103
 Ion Ratio Lower Upper
 202 100
 200 20.5 17.6 26.4
 203 17.0 14.4 21.6





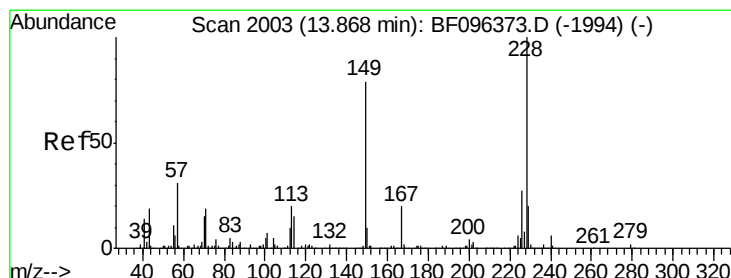
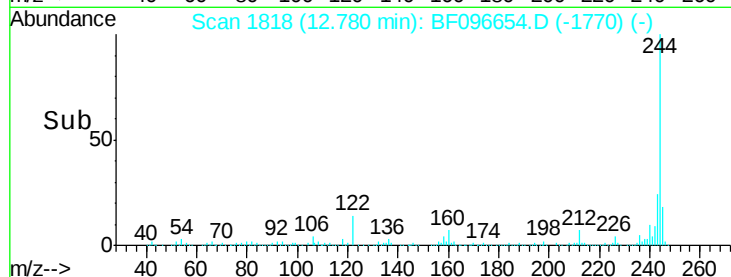
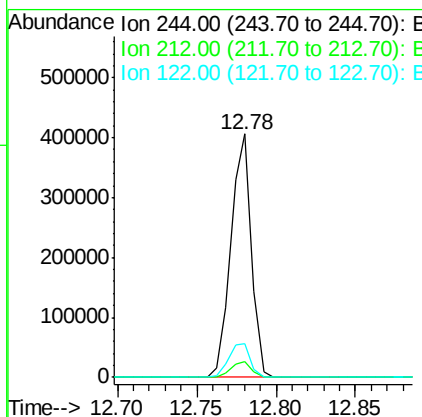
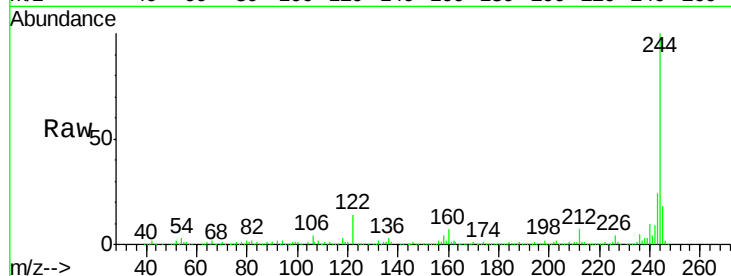
#78
 Terphenyl-d14
 Concen: 36.046 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096654.D
 Acq: 11 Jul 2017 19:50

Instrument :
 BNA_F
 ClientSampled :
 SB-3

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	6.0	9.0
122	13.7	10.3	15.5

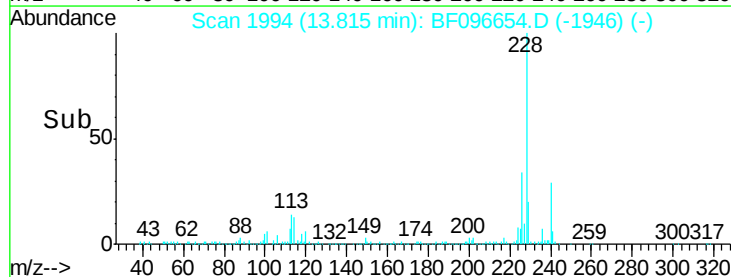
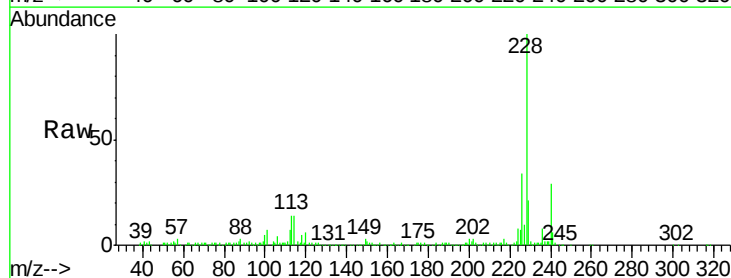
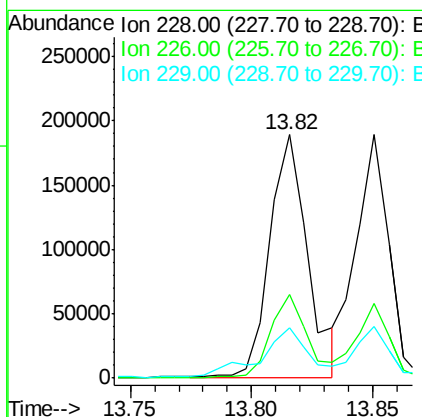
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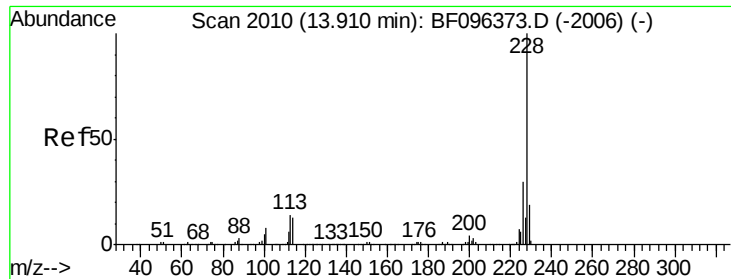
mohammad
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#80
 Benzo(a)anthracene
 Concen: 16.358 ng m
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BF096654.D
 Acq: 11 Jul 2017 19:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	34.5	22.6	33.8#
229	20.6	16.3	24.5





#82

Chrysene

Concen: 13.397 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BF096654.D

Acq: 11 Jul 2017 19:50

Instrument :

BNA_F

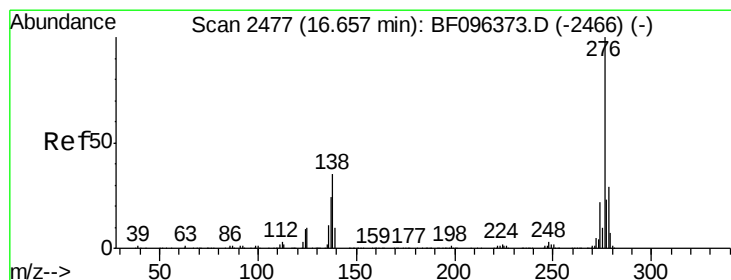
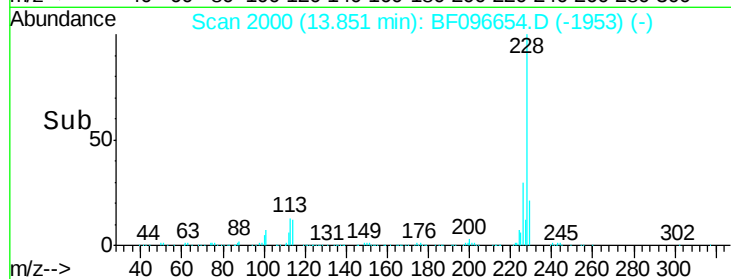
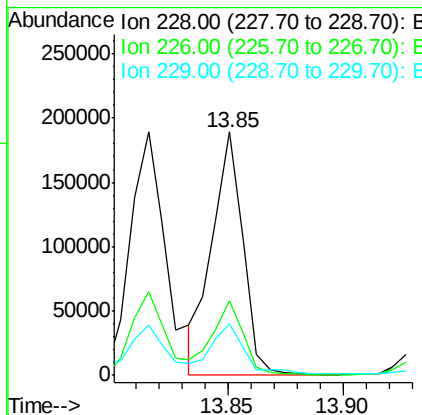
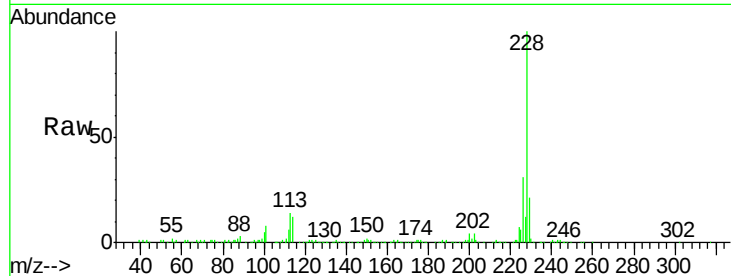
ClientSampled :

SB-3

Tgt Ion:	228	Resp:	174630
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.9	37.3
229	21.2	15.8	23.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 9.335 ng

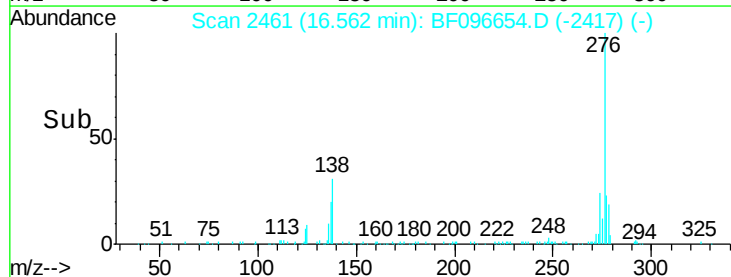
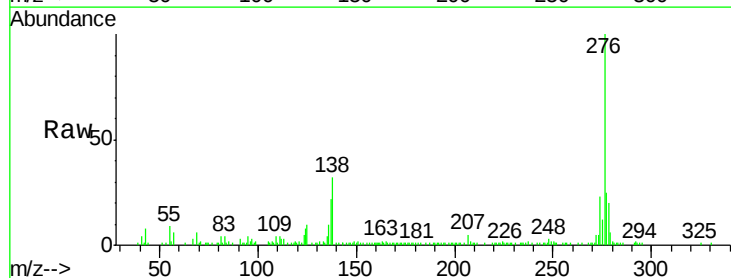
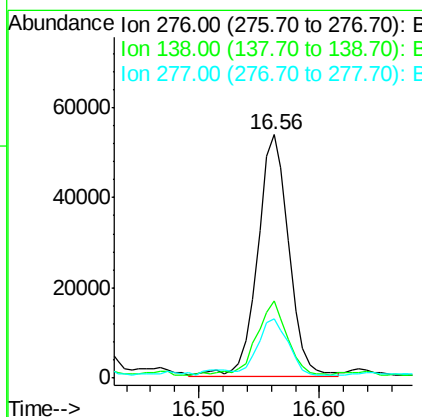
RT: 16.56 min Scan# 2461

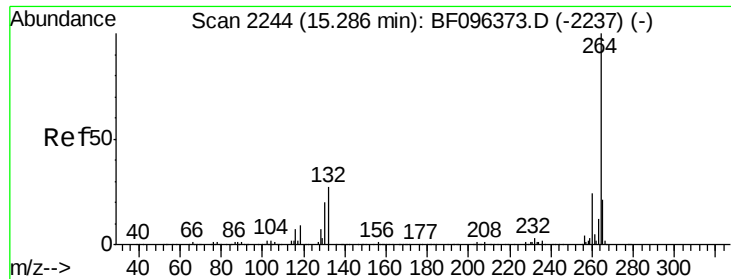
Delta R.T. -0.04 min

Lab File: BF096654.D

Acq: 11 Jul 2017 19:50

Tgt Ion:	276	Resp:	96053
Ion Ratio	Lower	Upper	
276	100		
138	30.6	27.8	41.6
277	22.6	20.2	30.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF096654.D

Acq: 11 Jul 2017 19:50

Instrument :

BNA_F

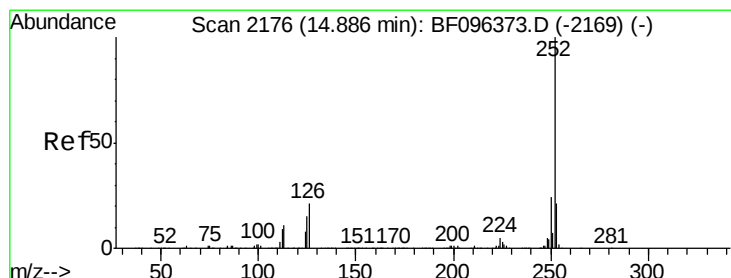
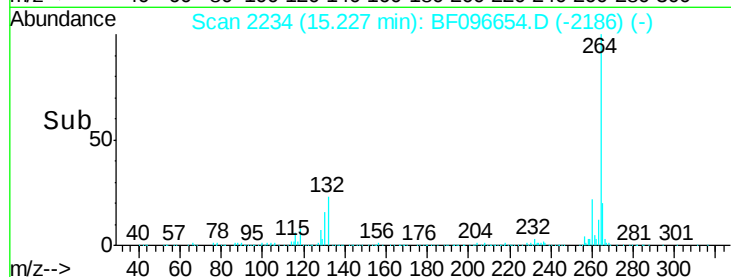
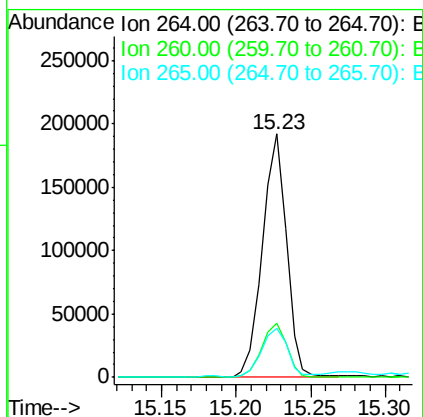
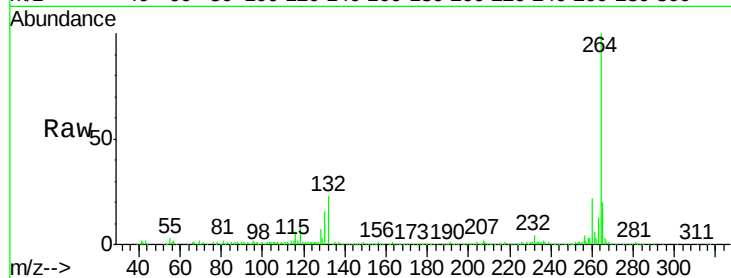
ClientSampled :

SB-3

Tgt Ion:	264	Resp:	214135
Ion Ratio		Lower	Upper
264	100		
260	22.5	19.5	29.3
265	20.3	17.2	25.8

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#87

Benzo(b)fluoranthene

Concen: 19.922 ng m

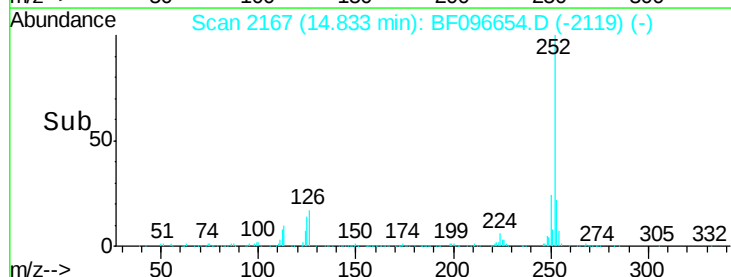
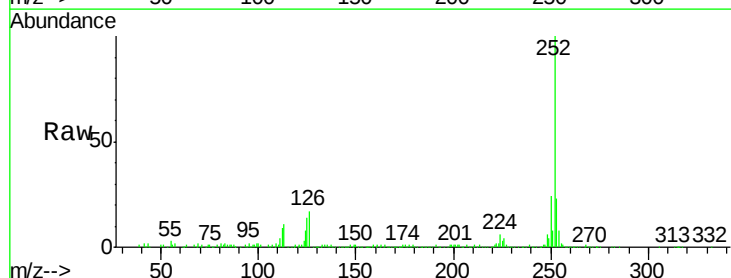
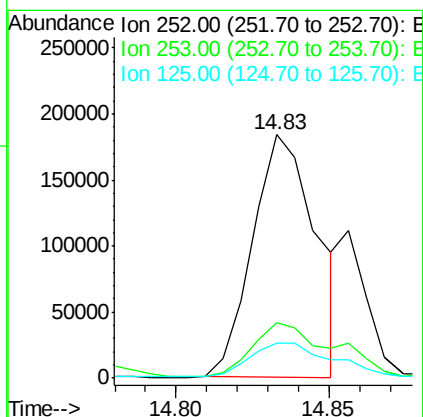
RT: 14.83 min Scan# 2167

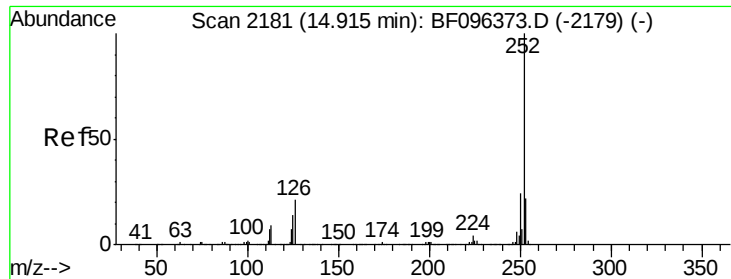
Delta R.T. -0.02 min

Lab File: BF096654.D

Acq: 11 Jul 2017 19:50

Tgt Ion:	252	Resp:	267306
Ion Ratio		Lower	Upper
252	100		
253	22.8	18.1	27.1
125	14.3	9.8	14.8





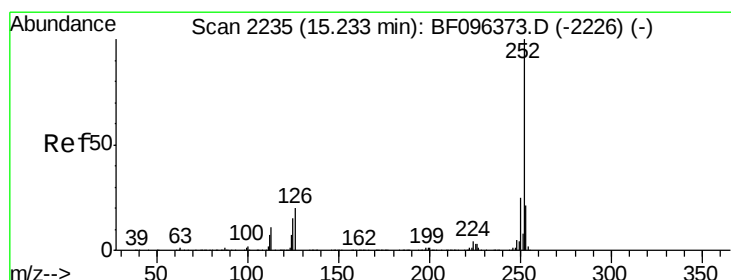
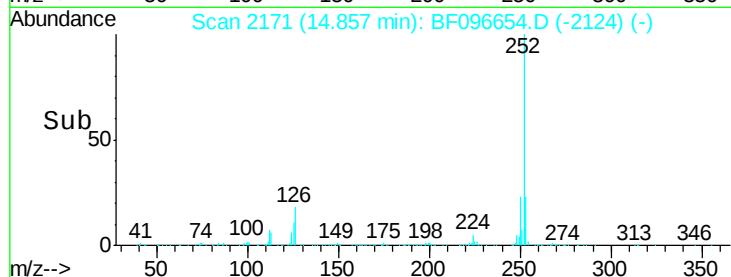
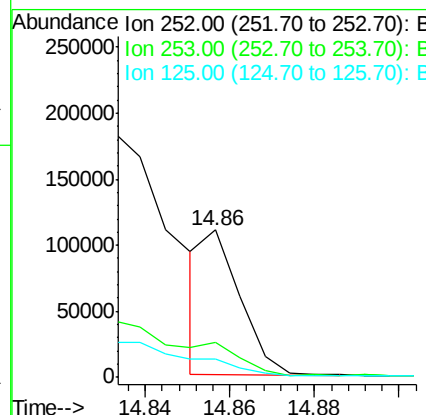
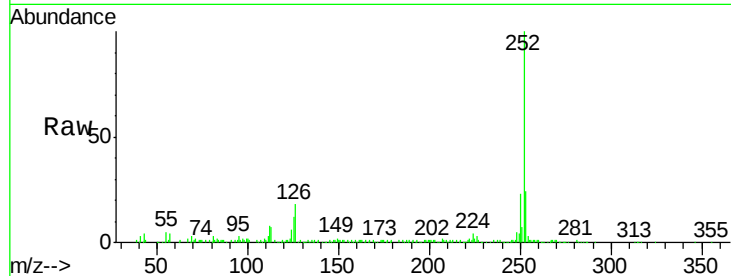
#88
Benzo(k)fluoranthene
Concen: 5.531 ng m
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampled :
SB-3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	12.3	13.1	19.7

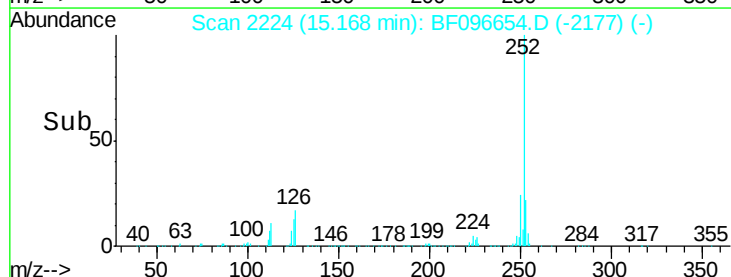
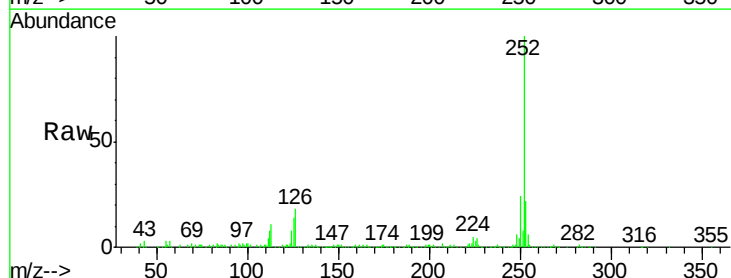
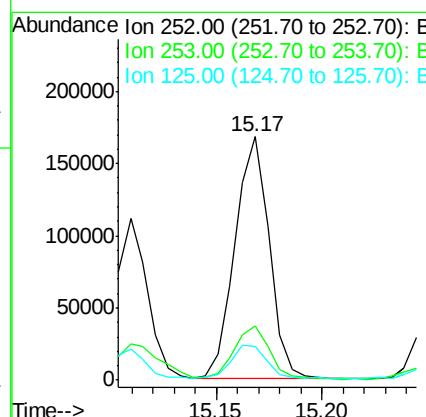
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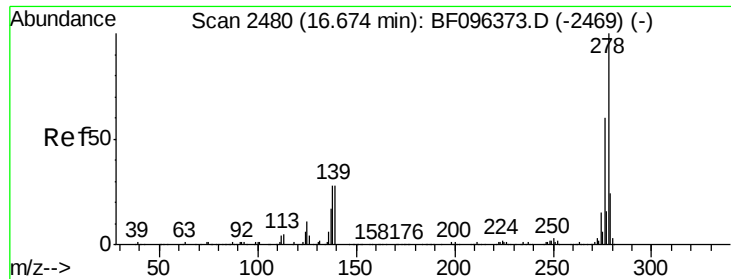
mohammad
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#89
Benzo(a)pyrene
Concen: 15.652 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	14.1	11.0	16.4





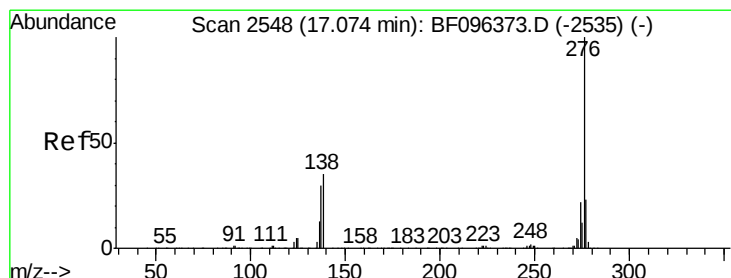
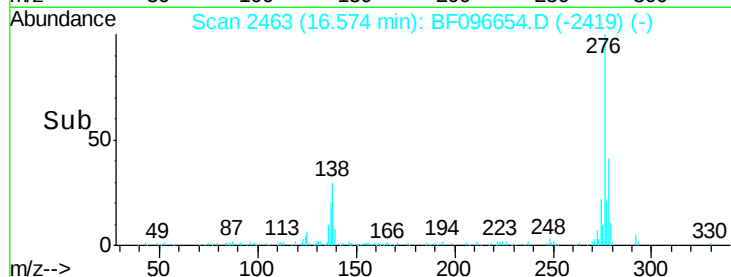
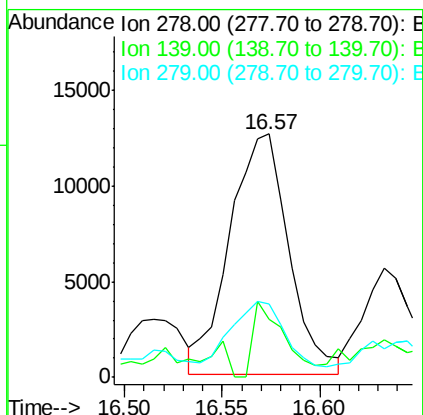
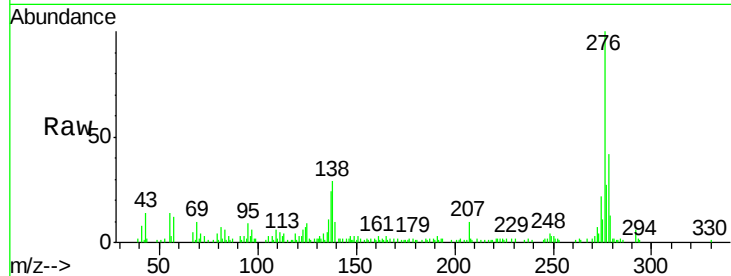
#90
Dibenzo(a,h)anthracene
Concen: 2.814 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.04 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.0	16.6	24.8
279	30.2	19.3	28.9

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 8.754 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.04 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	32.6	25.4	38.0

