

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
 Data File : BF090623.D
 Acq On : 17 Oct 2016 22:25
 Operator : UM/SJ
 Sample : H5228-02 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6

Manual Integrations
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SOHIL
 10/18/2016 6:05:55 PM

Quant Time: Oct 18 01:50:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	216621	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	866622	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	402560	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	513969	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	528262	20.00	ng	0.00
86) Perylene-d12	15.55	264	411327	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	288811	24.44	ng	-0.01
7) Phenol-d6	6.53	99	390640	22.25	ng	-0.01
23) Nitrobenzene-d5	7.47	82	238416	15.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	58549	16.31	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	377328	15.44	ng	0.00
78) Terphenyl-d14	13.02	244	273676	12.06	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.66	163	123441	4.73	ng	Qvalue # 97
70) Phenanthrene	11.46	178	146512	5.34	ng	97
74) Fluoranthene	12.66	202	387225	14.03	ng	95
77) Pyrene	12.89	202	365822	10.46	ng	97
80) Benzo(a)anthracene	14.08	228	200312	6.66	ng	95
82) Chrysene	14.11	228	227724m	7.86	ng	
85) Indeno(1,2,3-cd)pyrene	16.99	276	84426	5.04	ng	97
87) Benzo(b)fluoranthene	15.12	252	284392m	10.57	ng	
88) Benzo(k)fluoranthene	15.14	252	84577m	2.92	ng	
89) Benzo(a)pyrene	15.48	252	160991	6.53	ng	99
91) Benzo(g,h,i)perylene	17.42	276	79602	4.44	ng	97

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

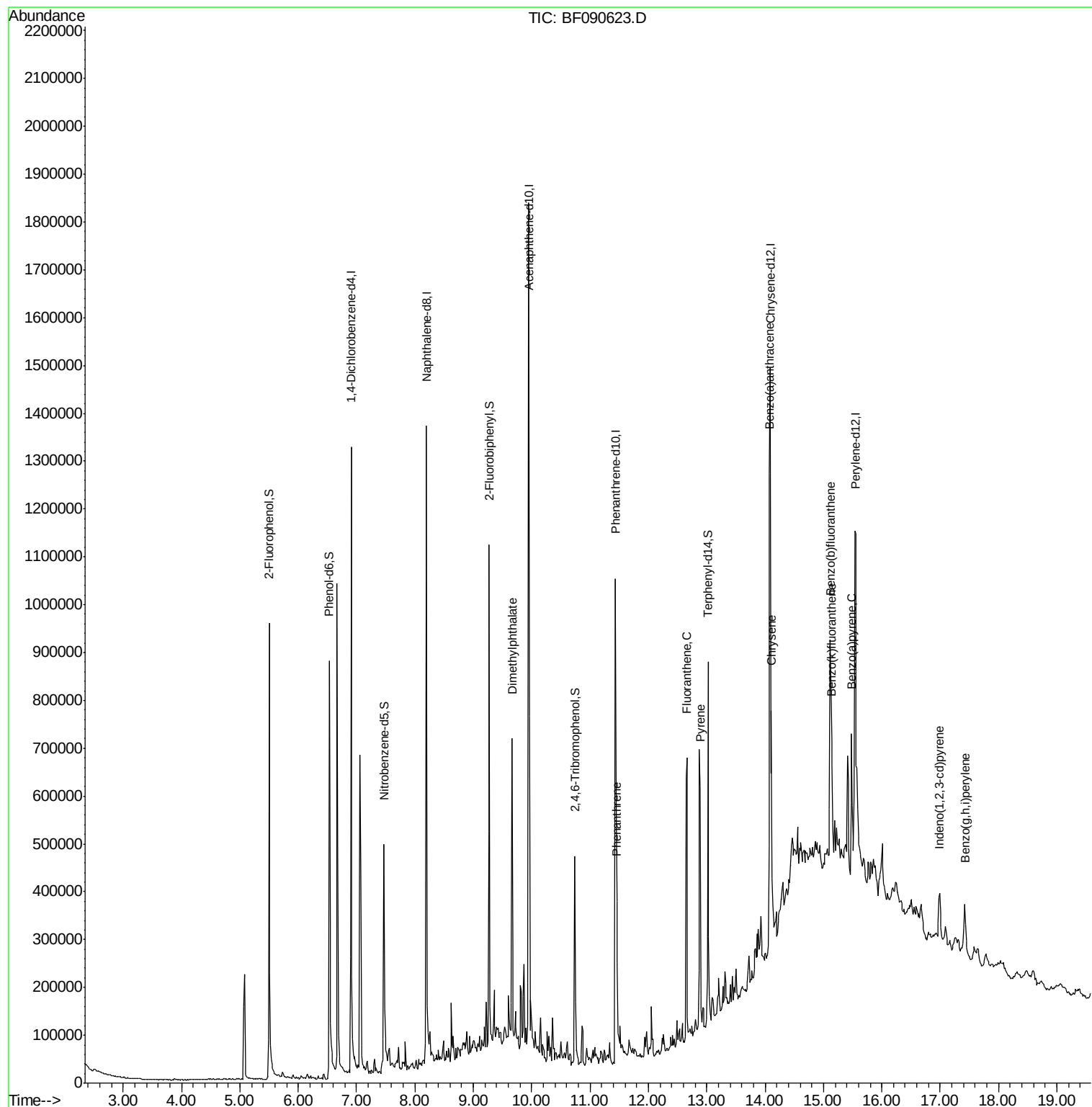
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090623.D
Acq On : 17 Oct 2016 22:25
Operator : UM/SJ
Sample : H5228-02 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

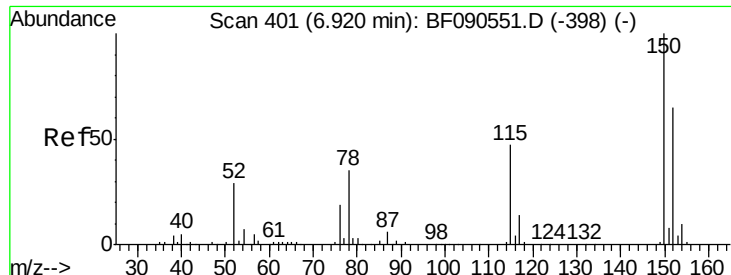
Instrument :
BNA_F
ClientSampleId :
6

Manual Integrations
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10/18/2016 6:05:55 PM

Quant Time: Oct 18 01:50:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 19:19:58 2016
Response via : Initial Calibration





#1

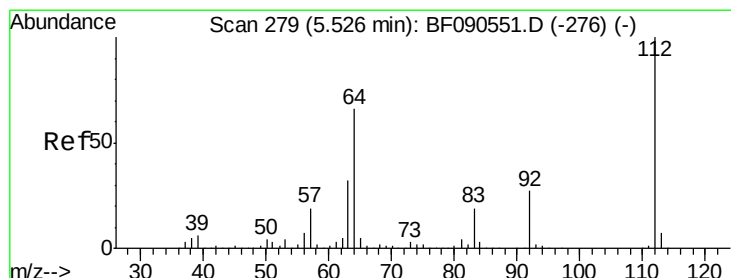
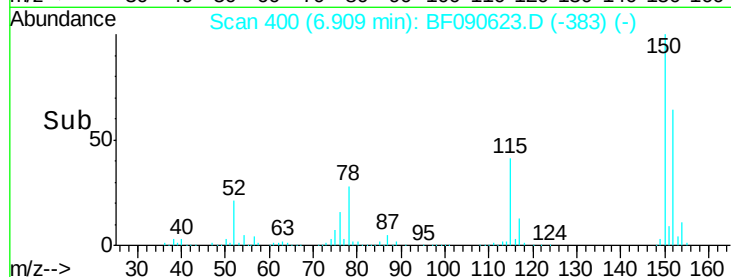
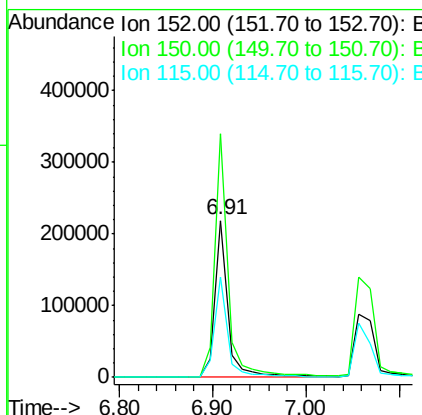
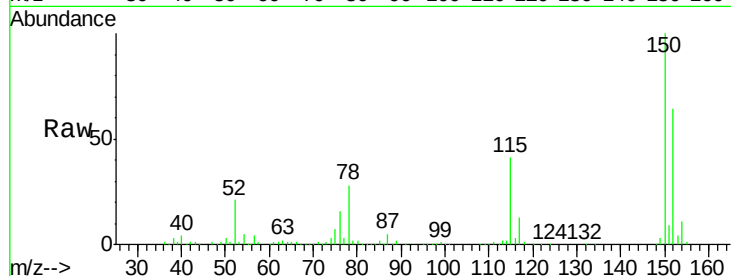
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF090623.D
Acq: 17 Oct 2016 22:25

Instrument :
BNA_F
ClientSampled :
6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.2	190.8
115	63.8	58.6	88.0

Manual Integrations
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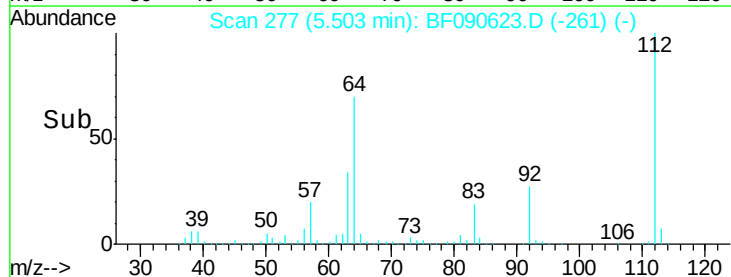
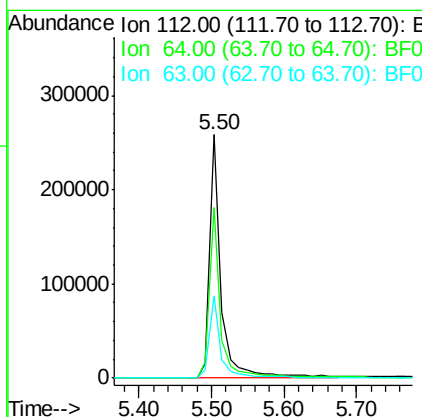
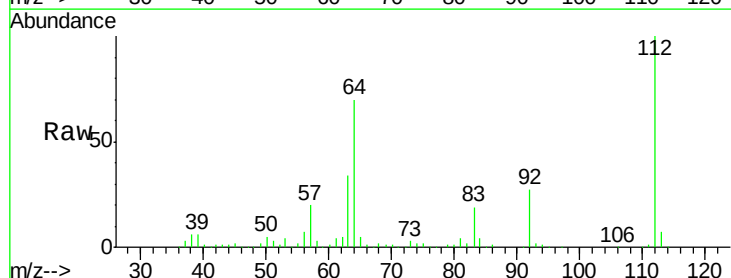
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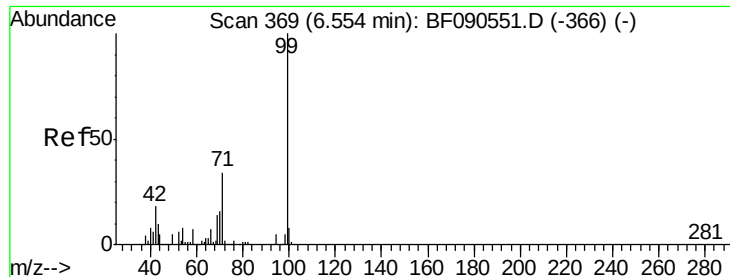


#5

2-Fluorophenol
Concen: 24.44 ng
RT: 5.50 min Scan# 277
Delta R.T. -0.01 min
Lab File: BF090623.D
Acq: 17 Oct 2016 22:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.2	52.6	78.8
63	33.9	26.0	39.0





#7

Phenol-d6

Concen: 22.25 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF090623.D

Acq: 17 Oct 2016 22:25

Instrument :

BNA_F

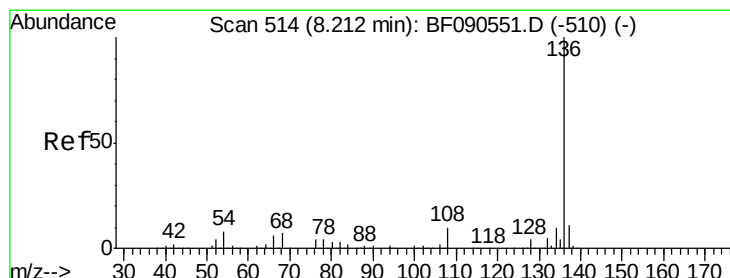
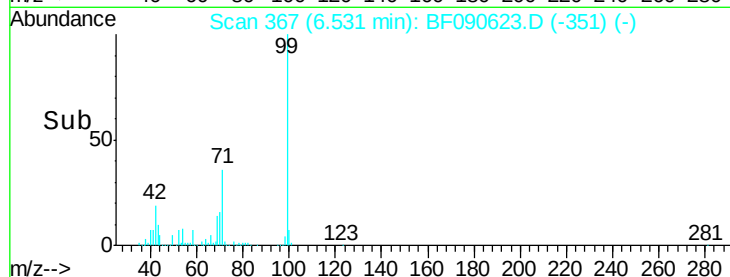
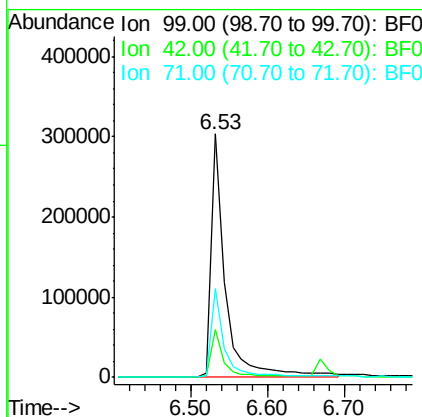
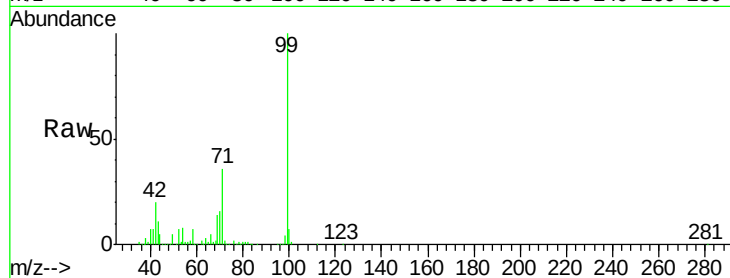
ClientSampleId :

6

Tot Ion:	99	Resp:	390640
Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.7	22.1
71	36.3	27.6	41.4

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#21

Naphthalene-d8

Concen: 20.00 ng

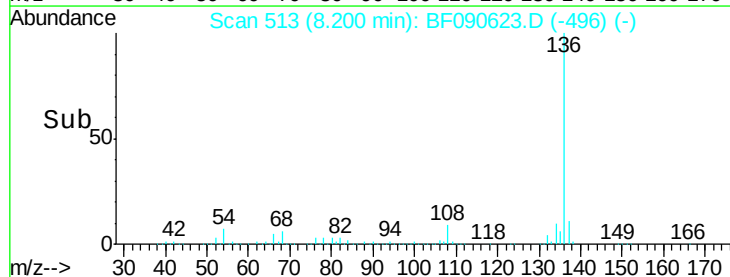
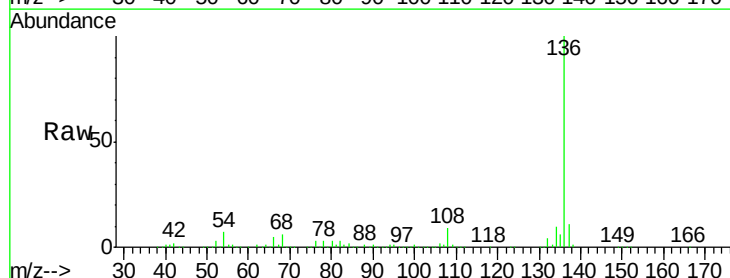
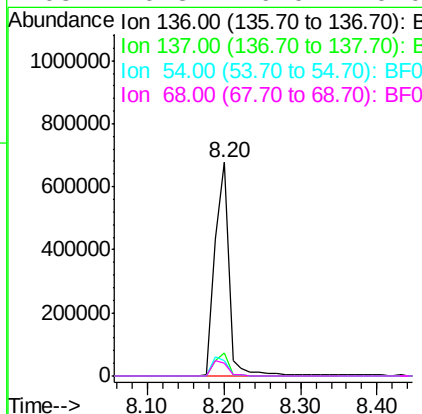
RT: 8.20 min Scan# 513

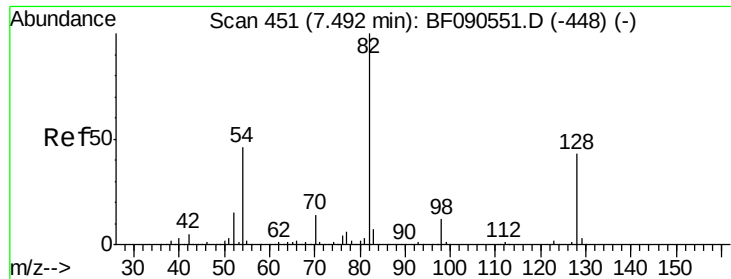
Delta R.T. -0.00 min

Lab File: BF090623.D

Acq: 17 Oct 2016 22:25

Tgt Ion:	136	Resp:	866622
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.0	6.8	10.2
68	6.3	6.0	9.0





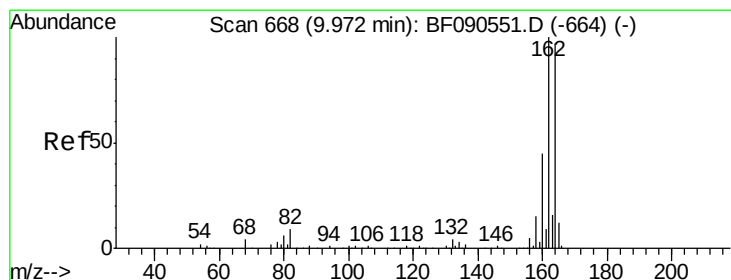
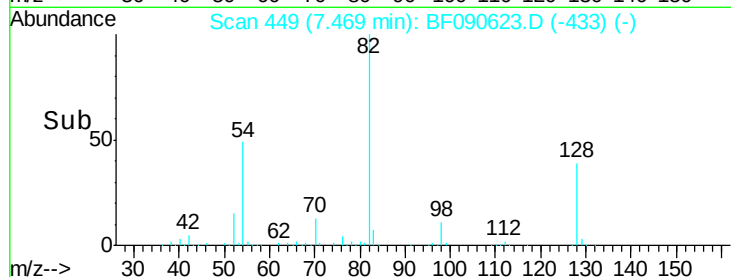
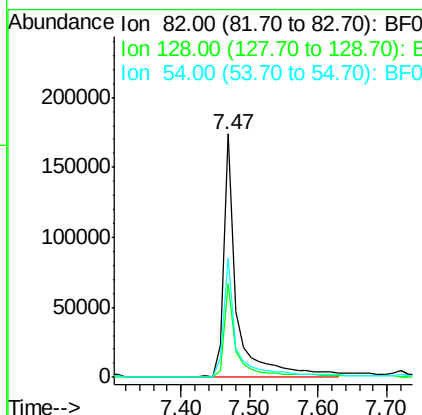
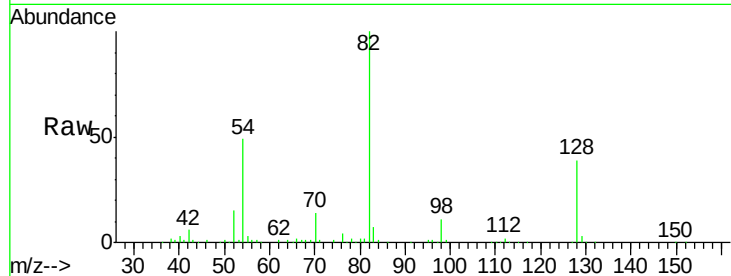
#23
 Nitrobenzene-d5
 Concen: 15.28 ng
 RT: 7.47 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090623.D
 Acq: 17 Oct 2016 22:25

Instrument :
 BNA_F
 ClientSampled :
 6

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.8	34.3	51.5
54	49.0	37.0	55.6

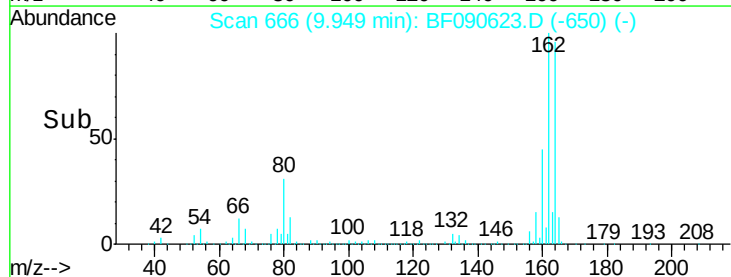
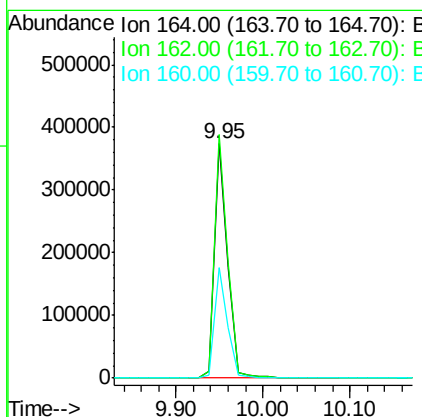
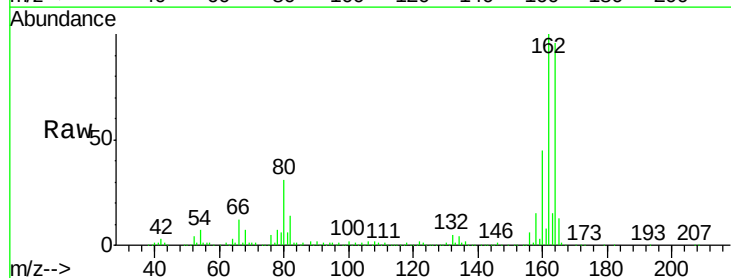
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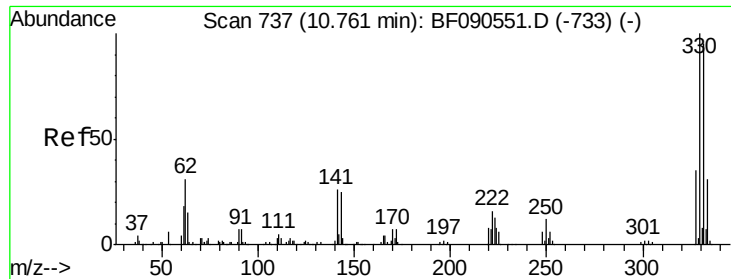
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF090623.D
 Acq: 17 Oct 2016 22:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.2	123.4
160	47.3	36.6	55.0





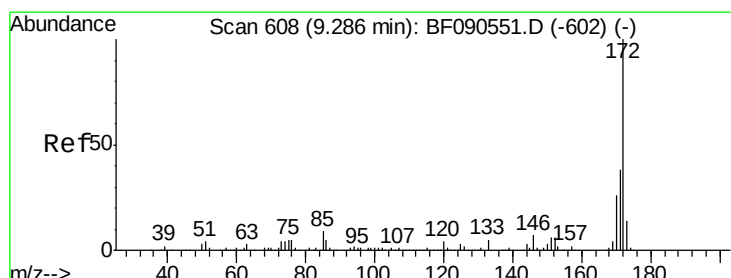
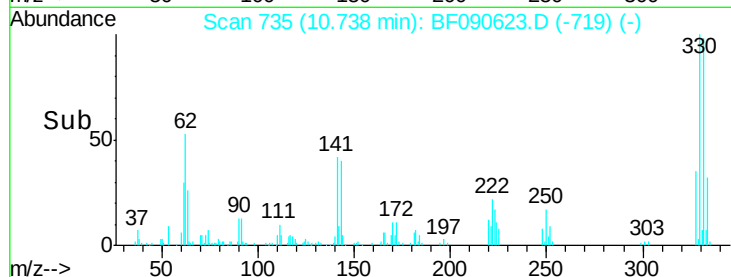
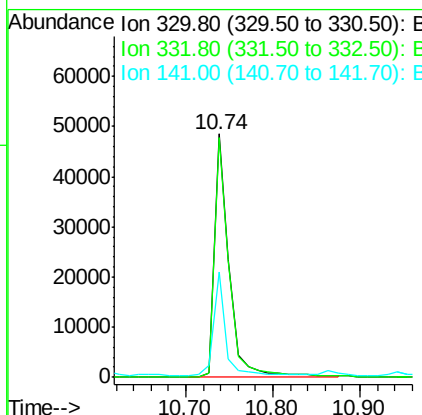
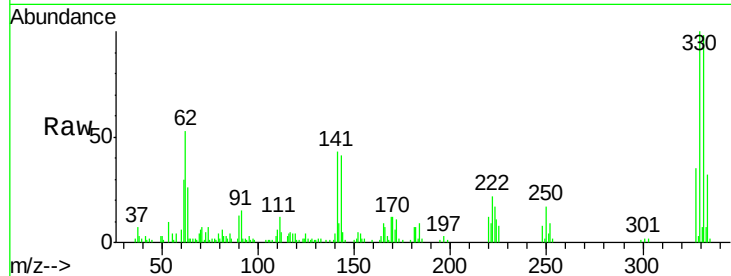
#41
 2,4,6-Tribromophenol
 Concen: 16.31 ng
 RT: 10.74 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF090623.D
 Acq: 17 Oct 2016 22:25

Instrument :
 BNA_F
 ClientSampled :
 6

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.2	114.2
141	35.0	31.4	47.2

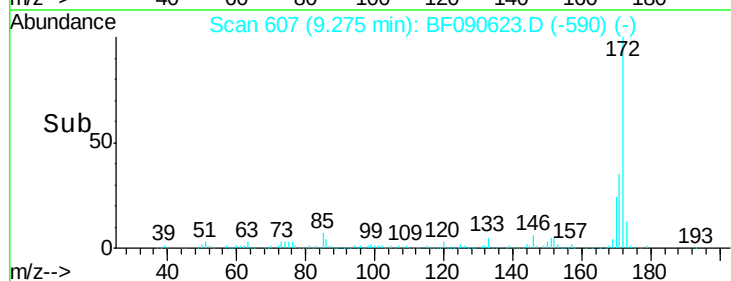
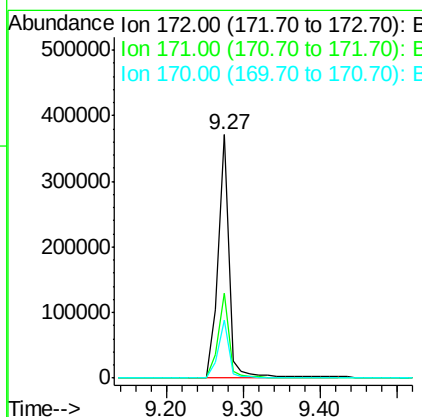
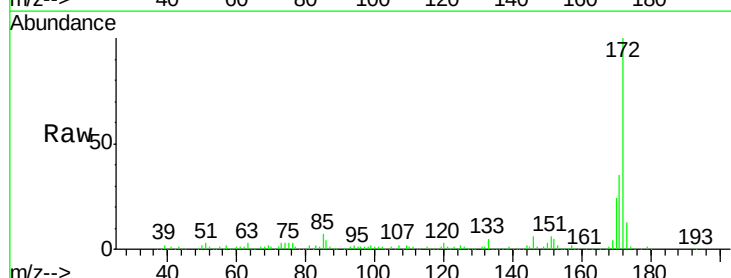
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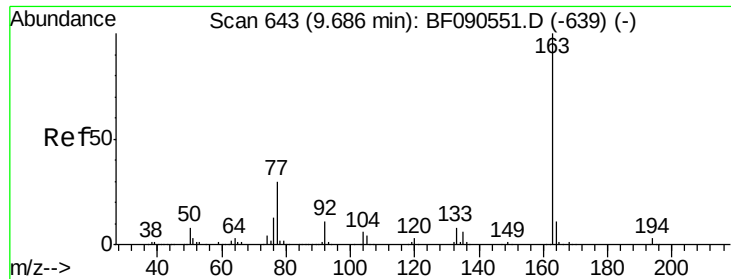
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#44
 2-Fluorobiphenyl
 Concen: 15.44 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF090623.D
 Acq: 17 Oct 2016 22:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.1	45.1
170	23.8	20.6	30.8





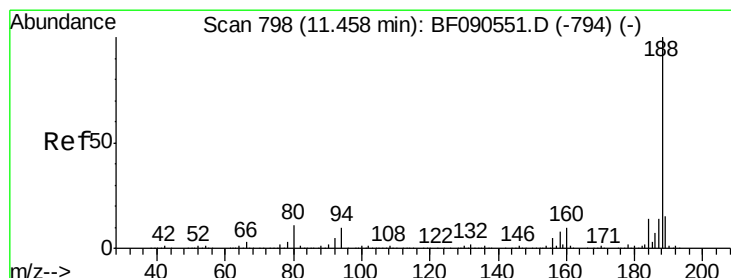
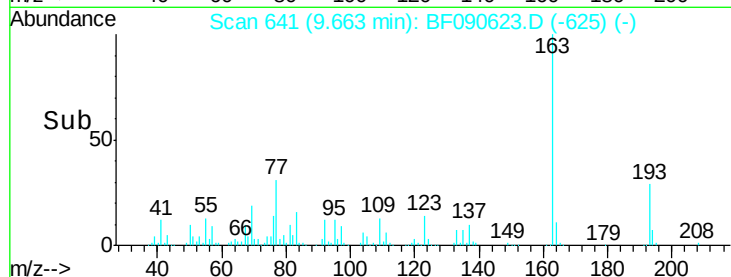
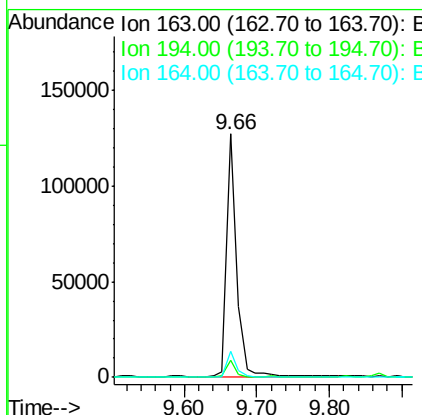
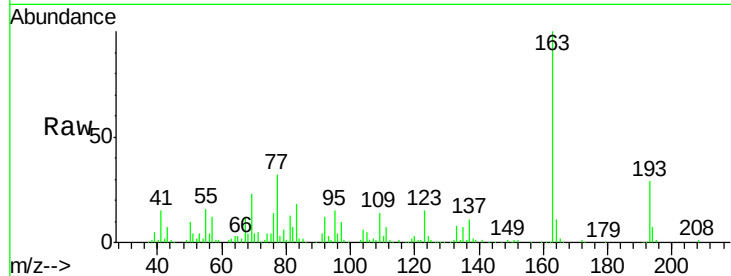
#49
Dimethylphthalate
Concen: 4.73 ng
RT: 9.66 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF090623.D
Acq: 17 Oct 2016 22:25

Instrument :
BNA_F
ClientSampled :
6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	123441		
194	6.9	2.3	3.5#	
164	10.6	8.6	13.0	

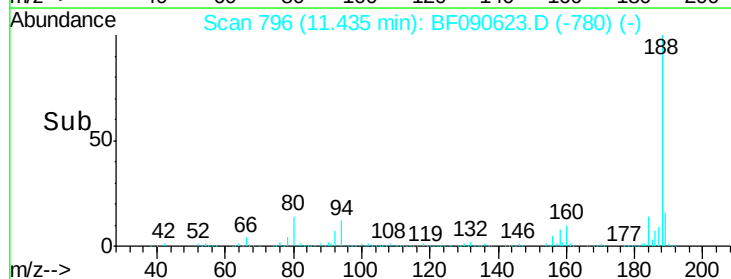
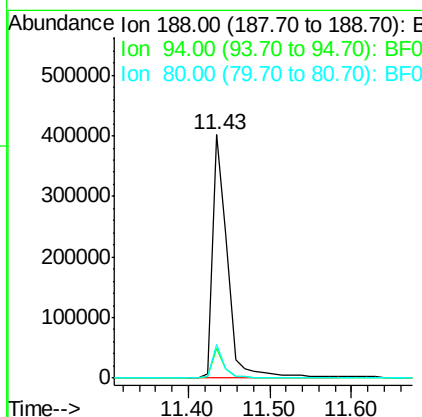
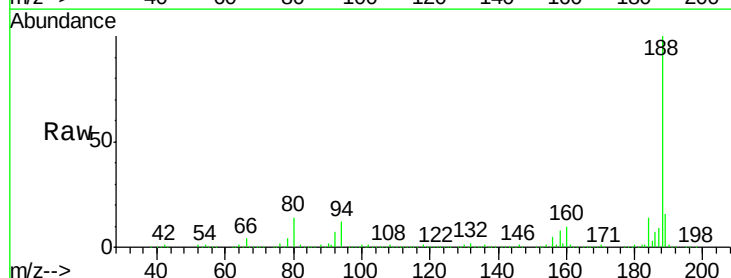
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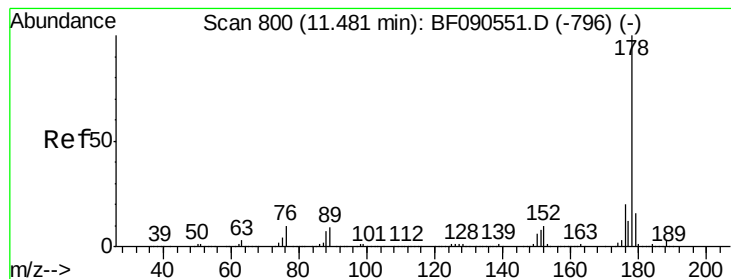
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF090623.D
Acq: 17 Oct 2016 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	513969		
94	12.4	7.7	11.5#	
80	13.9	8.6	12.8#	





#70

Phenanthrene

Concen: 5.34 ng

RT: 11.46 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF090623.D

Acq: 17 Oct 2016 22:25

Instrument :

BNA_F

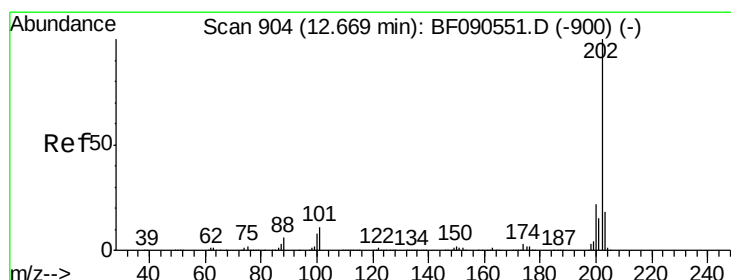
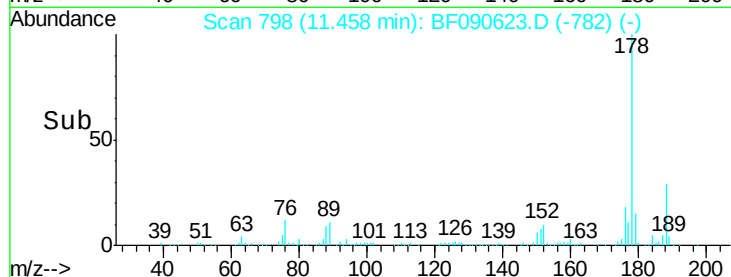
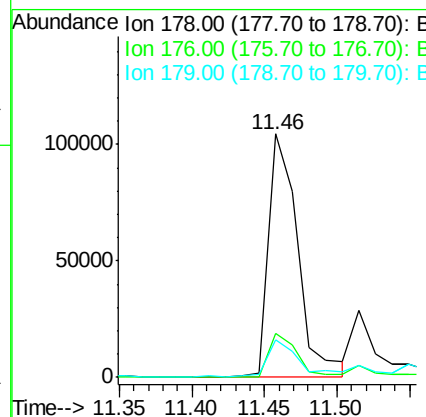
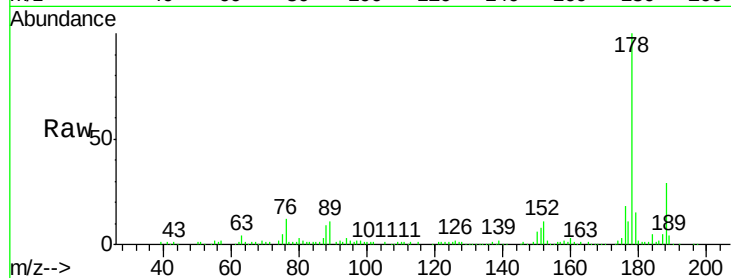
ClientSampled :

6

Tot Ion:	178	Resp:	146512
Ion Ratio	Lower	Upper	
178	100		
176	18.1	16.1	24.1
179	15.2	12.6	19.0

Manual Integrations
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#74

Fluoranthene

Concen: 14.03 ng

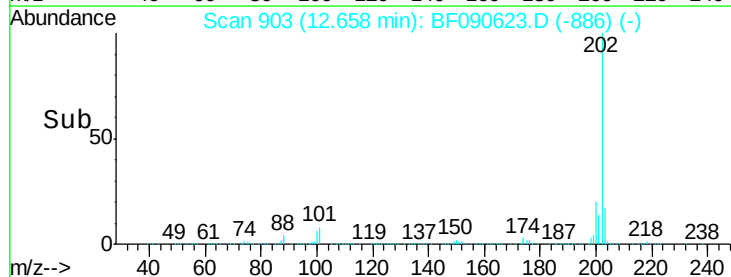
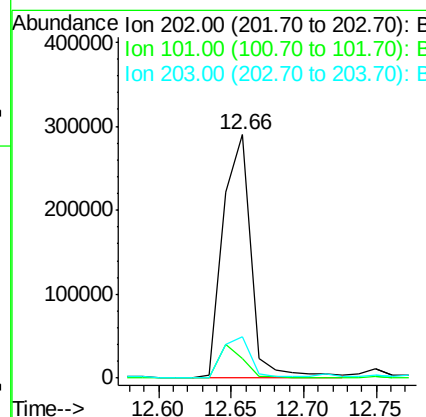
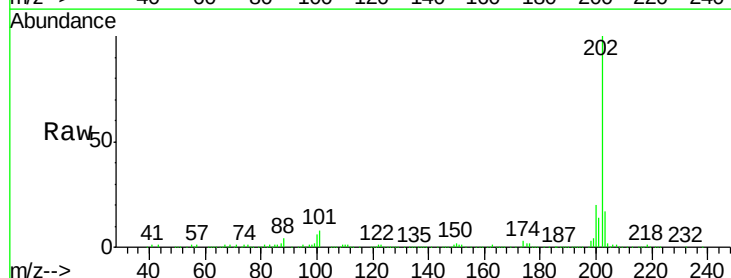
RT: 12.66 min Scan# 903

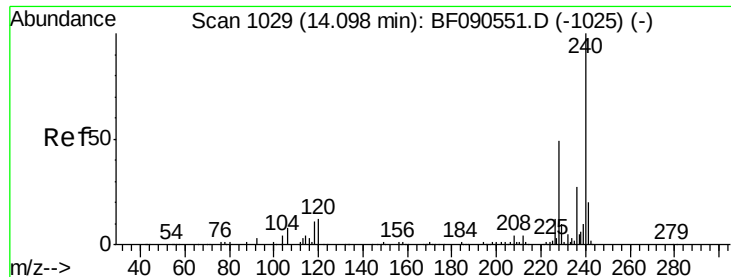
Delta R.T. -0.00 min

Lab File: BF090623.D

Acq: 17 Oct 2016 22:25

Tgt Ion:	202	Resp:	387225
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	31.1
203	16.9	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF090623.D

Acq: 17 Oct 2016 22:25

Instrument :

BNA_F

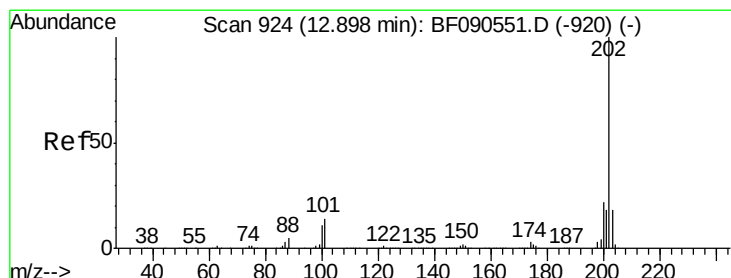
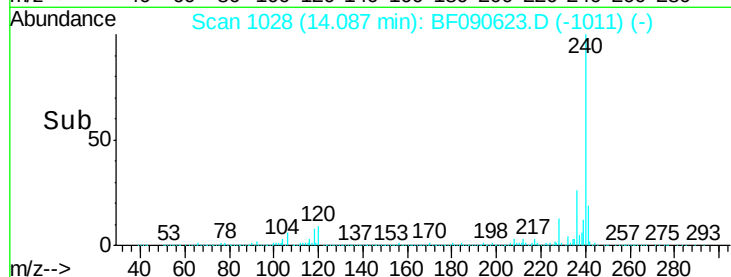
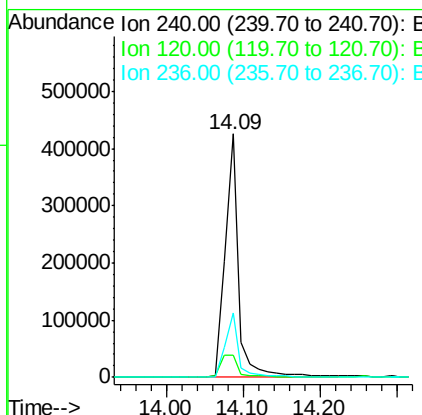
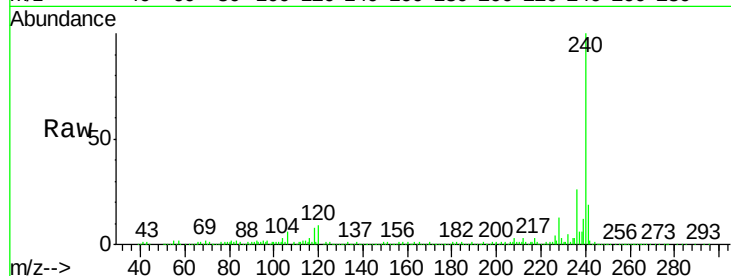
ClientSampled :

6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
240	100		528262		
120	9.0	9.8	14.8#		
236	26.3	21.7	32.5		

Manual Integrations
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#77

Pyrene

Concen: 10.46 ng

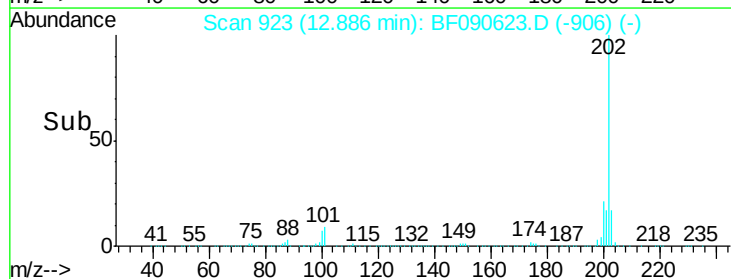
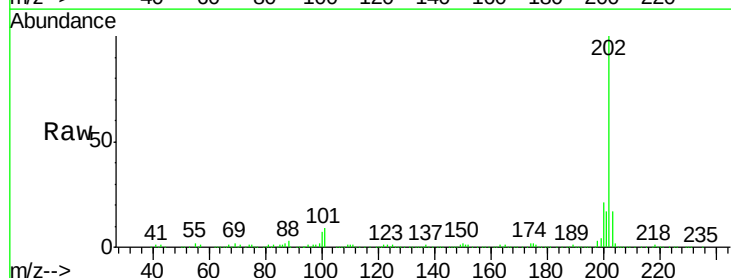
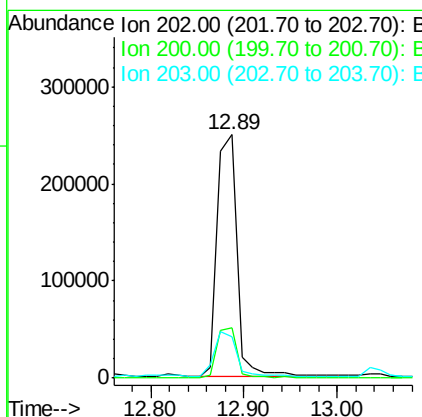
RT: 12.89 min Scan# 923

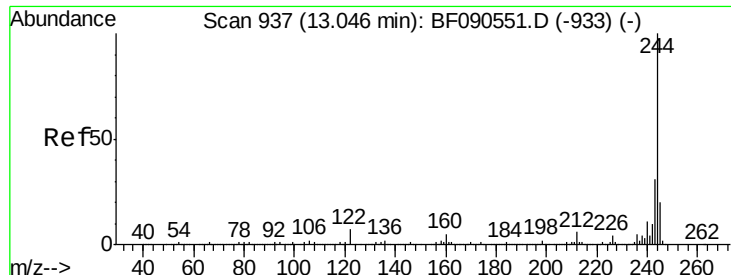
Delta R.T. -0.00 min

Lab File: BF090623.D

Acq: 17 Oct 2016 22:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		365822		
200	20.6	17.8	26.6		
203	17.1	14.6	21.8		





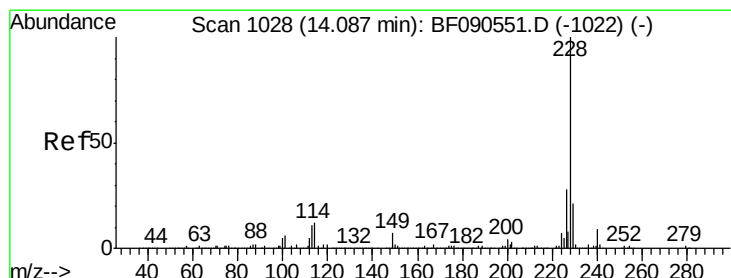
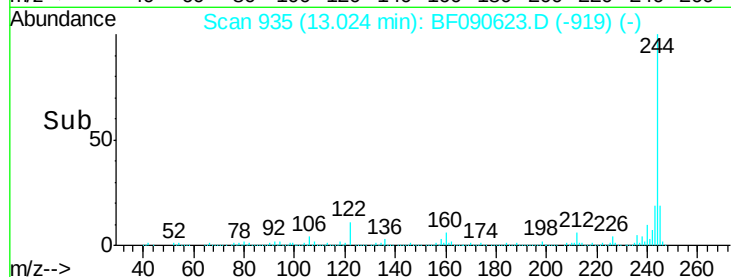
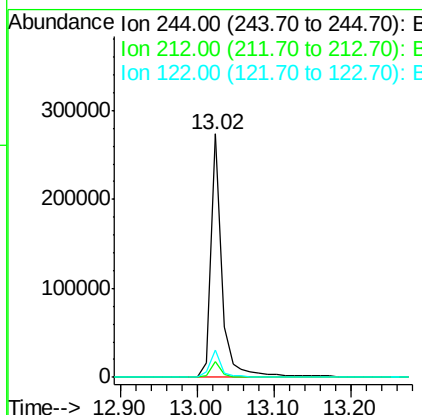
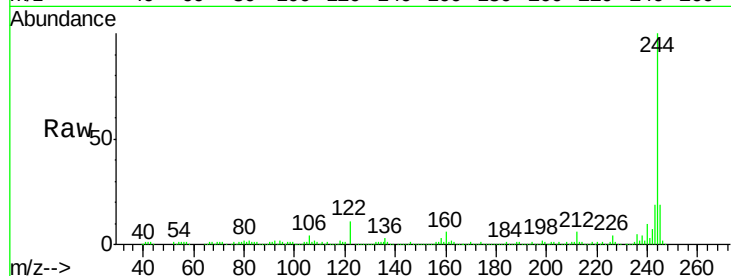
#78
 Terphenyl-d14
 Concen: 12.06 ng
 RT: 13.02 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF090623.D
 Acq: 17 Oct 2016 22:25

Instrument :
 BNA_F
 ClientSampleId :
 6

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	5.0	7.4
122	11.3	5.6	8.4

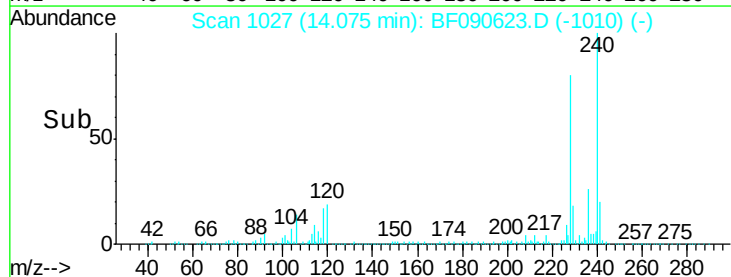
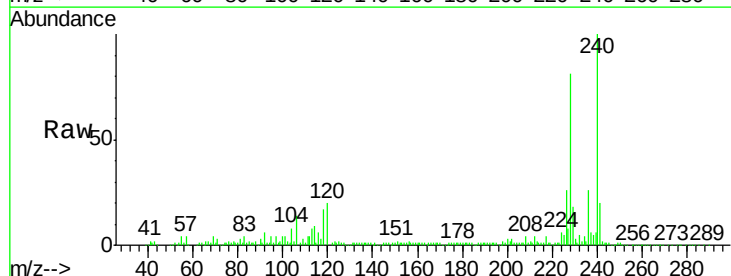
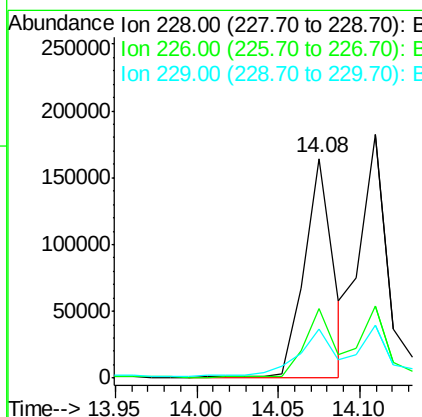
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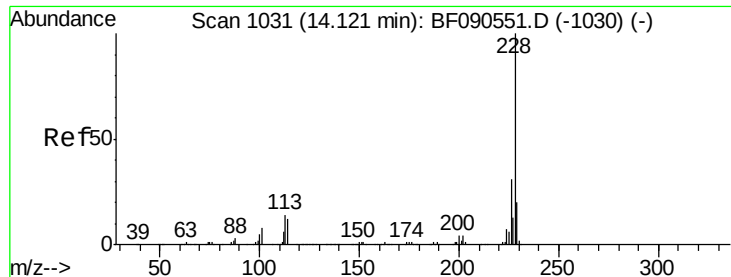
SOHIL
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#80
 Benzo(a)anthracene
 Concen: 6.66 ng
 RT: 14.08 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF090623.D
 Acq: 17 Oct 2016 22:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.9	22.8	34.2
229	22.5	16.6	25.0





#82

Chrysene

Concen: 7.86 ng/mL

RT: 14.11 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF090623.D

Acq: 17 Oct 2016 22:25

Instrument :

BNA_F

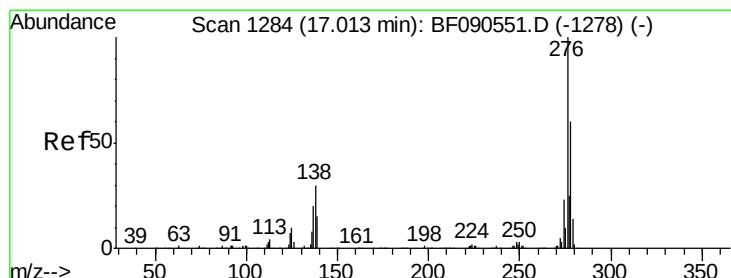
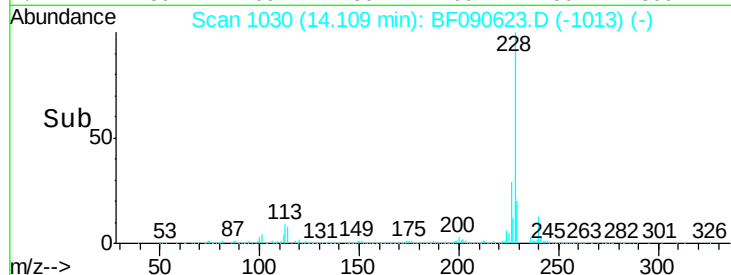
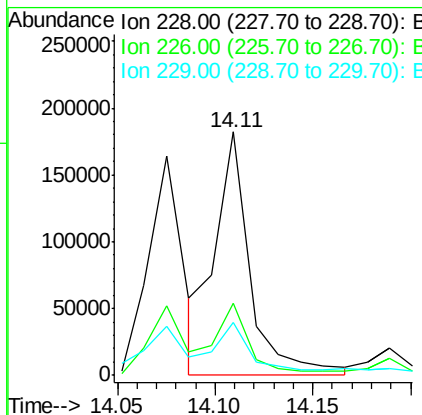
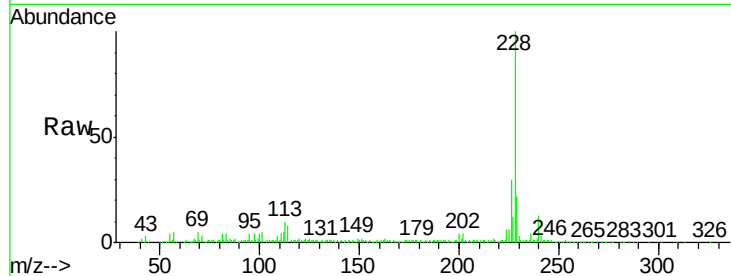
ClientSampled :

6

Tot Ion:	228	Resp:	227724
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.8	37.2
229	21.9	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 5.04 ng/mL

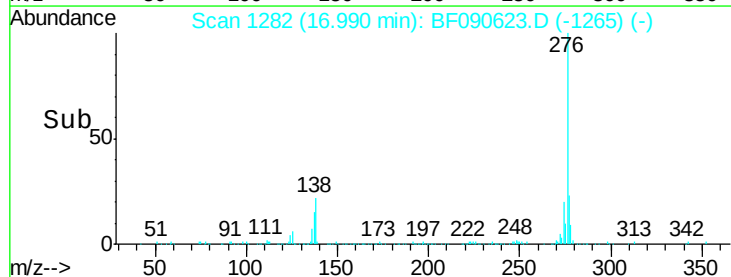
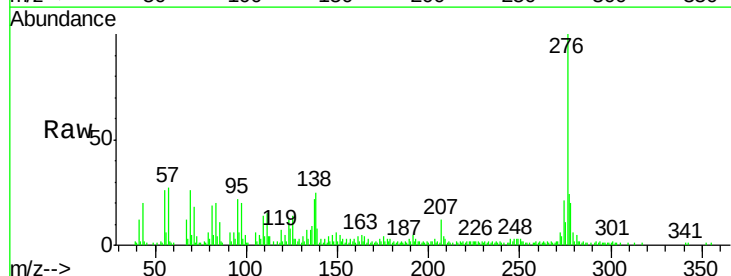
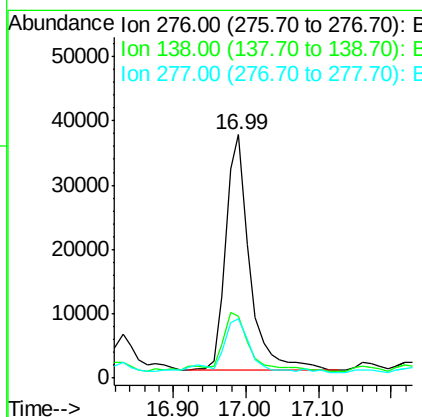
RT: 16.99 min Scan# 1282

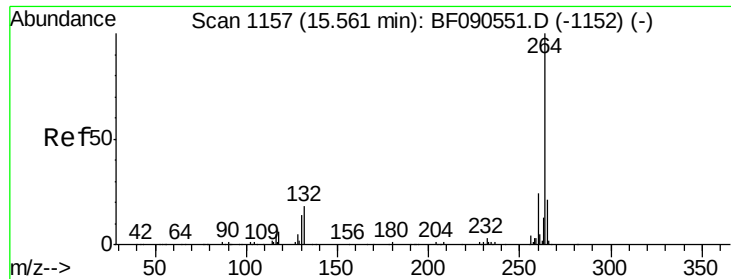
Delta R.T. -0.00 min

Lab File: BF090623.D

Acq: 17 Oct 2016 22:25

Tgt Ion:	276	Resp:	84426
Ion Ratio	Lower	Upper	
276	100		
138	30.0	25.8	38.6
277	25.7	20.1	30.1





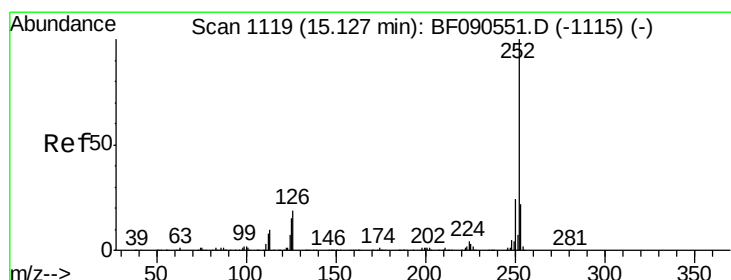
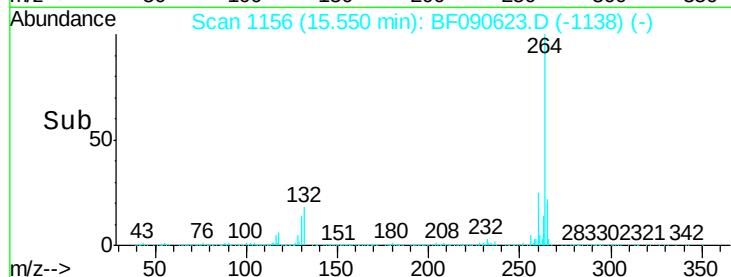
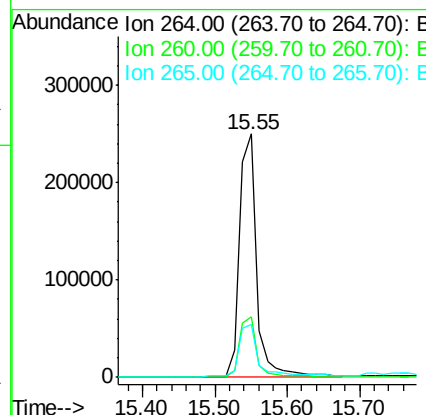
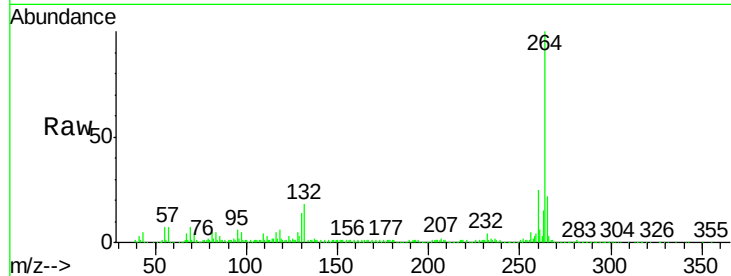
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF090623.D
Acq: 17 Oct 2016 22:25

Instrument :
BNA_F
ClientSampleId :
6

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	21.9	16.7	25.1

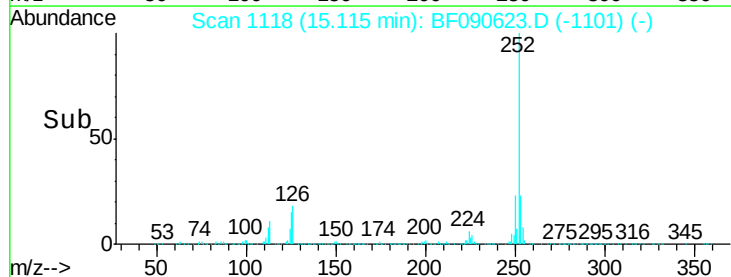
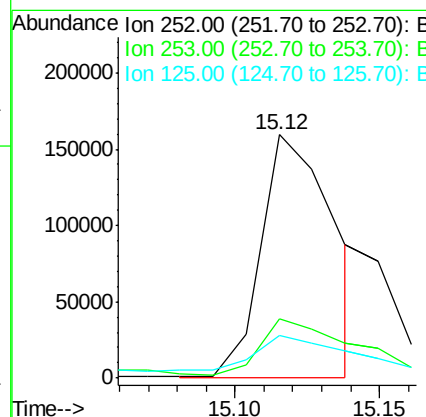
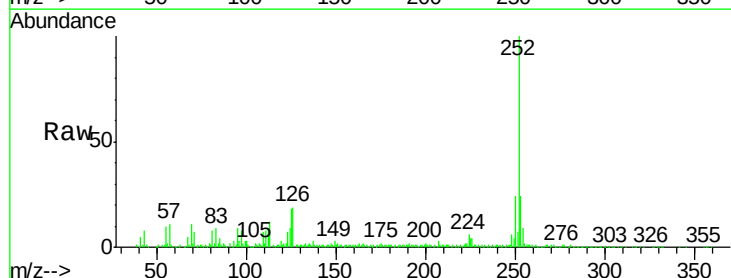
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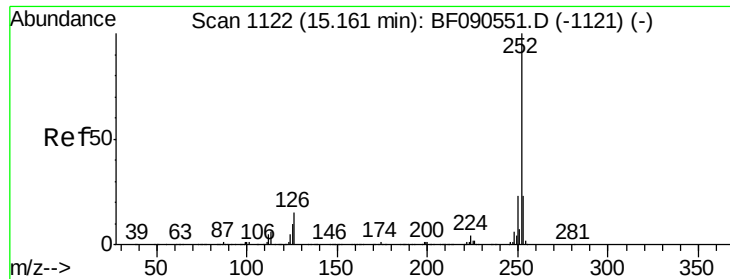
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#87
Benzo(b)fluoranthene
Concen: 10.57 ng m
RT: 15.12 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF090623.D
Acq: 17 Oct 2016 22:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	17.7	12.0	18.0





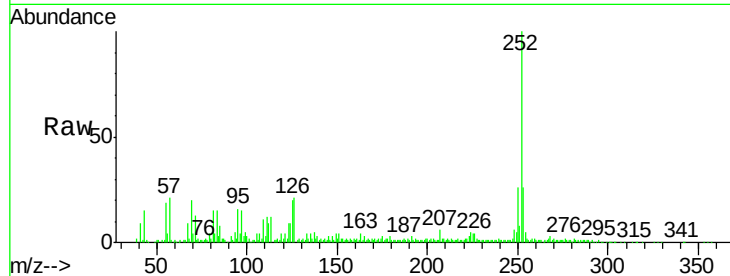
#88
Benzo(k)fluoranthene
Concen: 2.92 ng m
RT: 15.14 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF090623.D
Acq: 17 Oct 2016 22:25

Instrument :
BNA_F
ClientSampled :
6

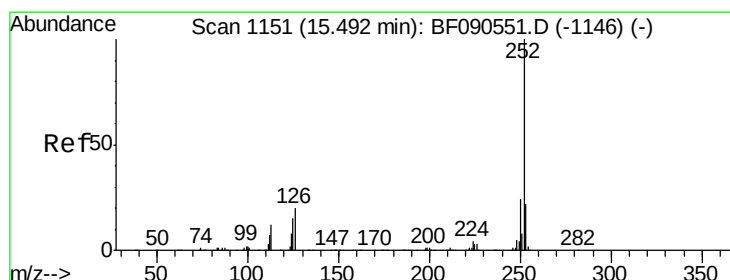
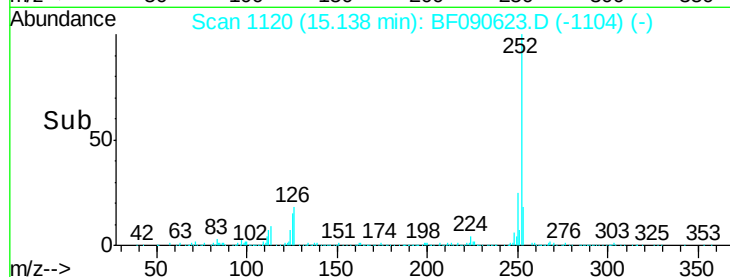
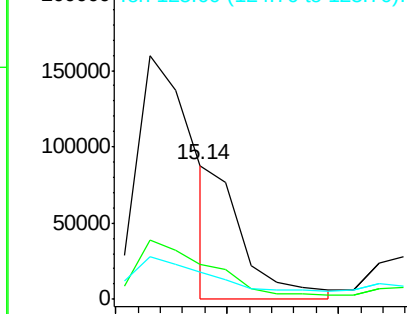
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.0	27.0
125	20.2	10.0	15.0

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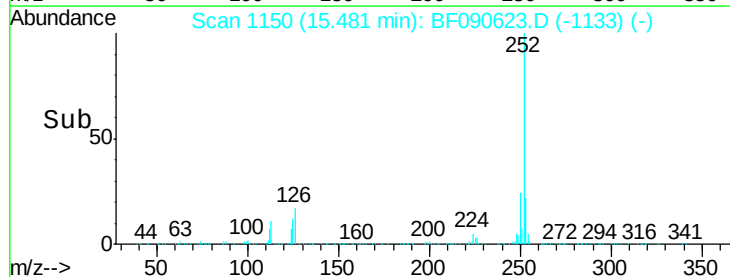
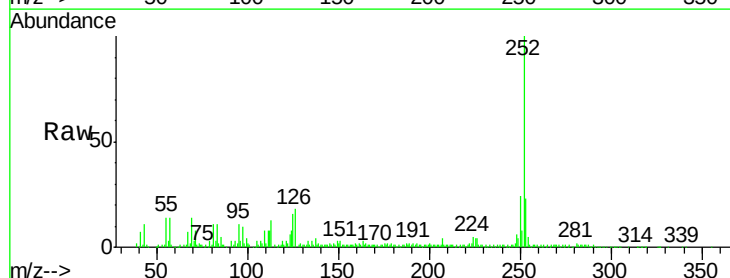
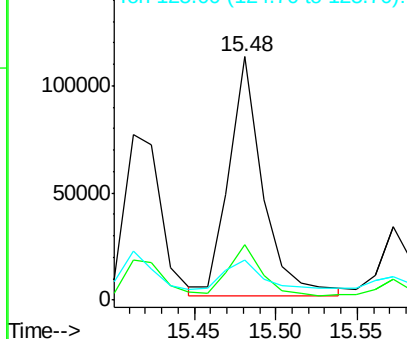
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

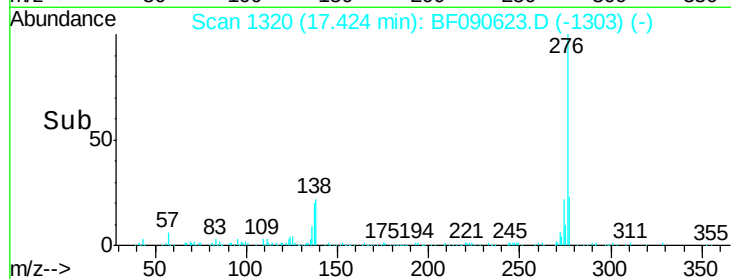
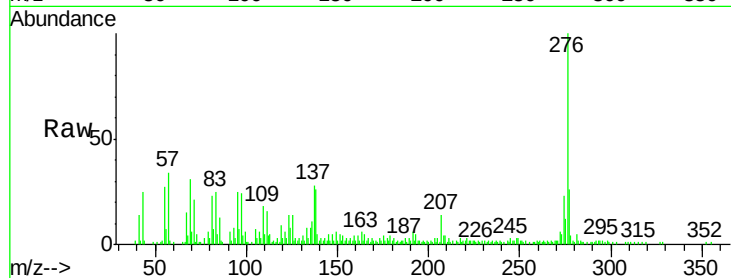
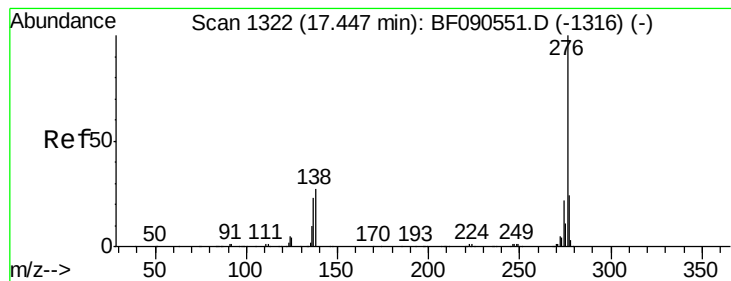


#89
Benzo(a)pyrene
Concen: 6.53 ng
RT: 15.48 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF090623.D
Acq: 17 Oct 2016 22:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	16.4	12.3	18.5

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





#91

Benzo(a,h,i)perylene

Concen: 4.44 ng

RT: 17.42 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF090623.D

Acq: 17 Oct 2016 22:25

Instrument :

BNA_F

ClientSampleId :

6

Tot Ion: 276 Resp: 79602

Ion Ratio Lower Upper

276 100

277 26.2 18.8 28.2

138 26.4 21.8 32.8

Manual Integrations

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