

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095857.D
 Acq On : 10 Jun 2017 20:12
 Operator : SJ/MA
 Sample : I3583-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342

Manual Integrations
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Quant Time: Jun 12 05:08:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	63495	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	269084	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	119480	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	217938	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	157773	20.00	ng	-0.02
86) Perylene-d12	20.00	264	136218	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	467511	117.33	ng	-0.02
7) Phenol-d6	6.93	99	569131	119.30	ng	-0.03
23) Nitrobenzene-d5	8.28	82	324433	74.88	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	107109	101.32	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	588974	68.60	ng	-0.04
78) Terphenyl-d14	16.99	244	466621	73.40	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	11.87	163	73991	8.16	ng	99
70) Phenanthrene	14.65	178	46601	3.71	ng	98
74) Fluoranthene	16.43	202	77403	6.22	ng	99
77) Pyrene	16.74	202	65723	5.58	ng	# 93
80) Benzo(a)anthracene	18.32	228	27413	2.99	ng	92
82) Chrysene	18.37	228	25051	2.73	ng	97
87) Benzo(b)fluoranthene	19.60	252	31379m	3.68	ng	
89) Benzo(a)pyrene	19.95	252	22557m	2.88	ng	
91) Benzo(g,h,i)perylene	21.53	276	14152	2.09	ng	# 89

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

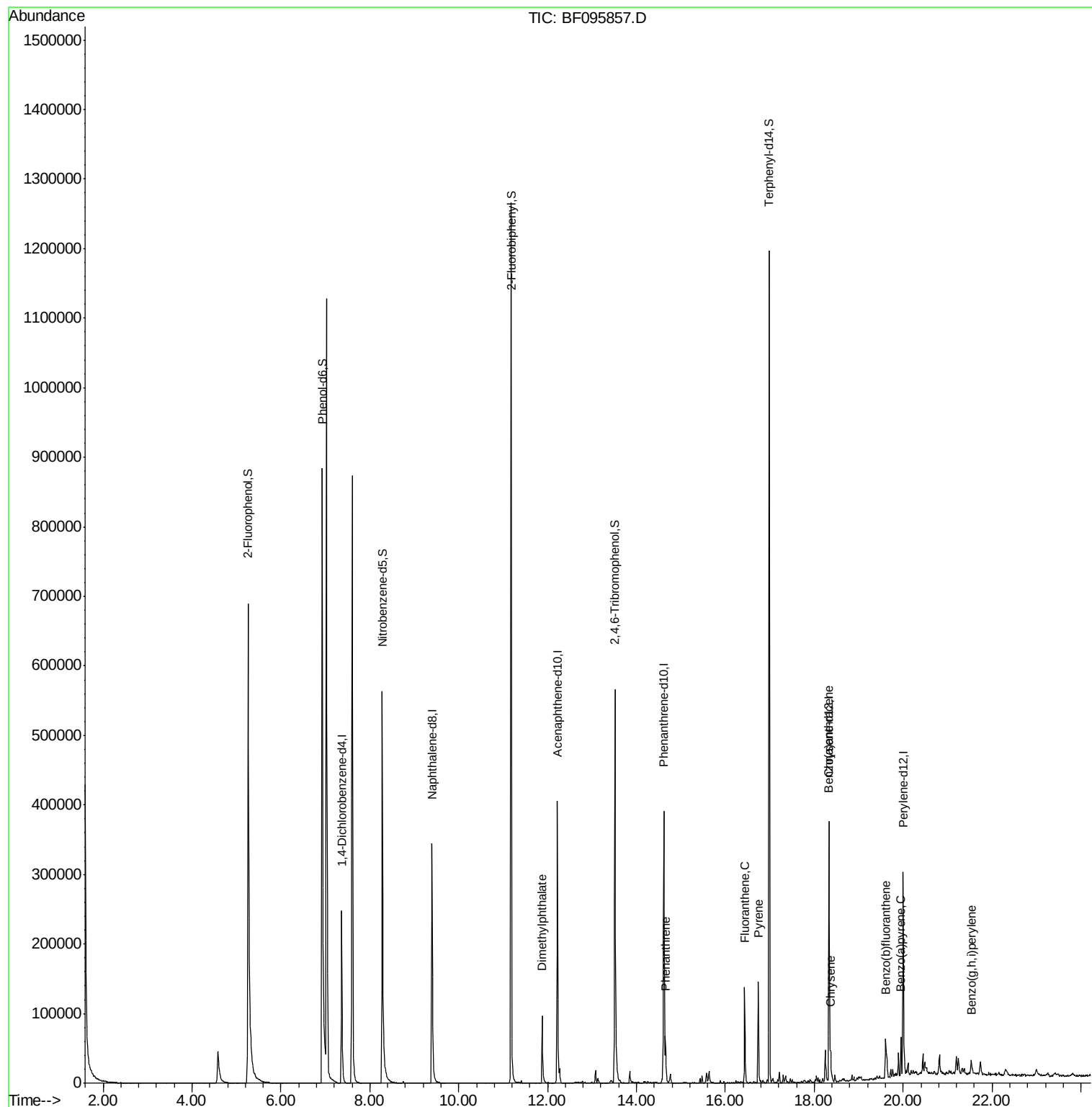
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
Data File : BF095857.D
Acq On : 10 Jun 2017 20:12
Operator : SJ/MA
Sample : I3583-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

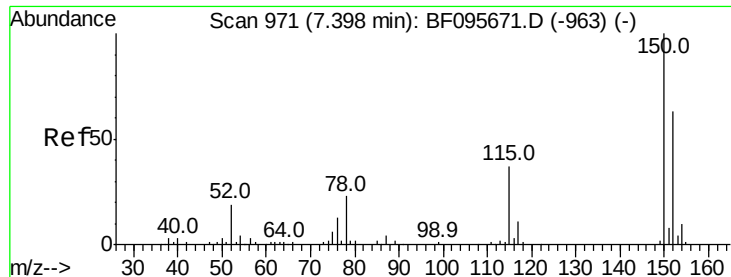
Instrument :
BNA_F
ClientSampleId :
RO-2342

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Quant Time: Jun 12 05:08:04 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

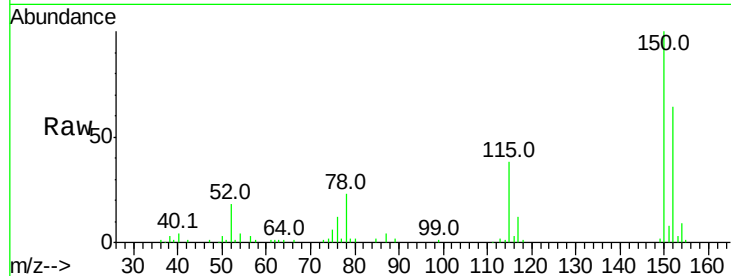
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095857.D
Acq: 10 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
RO-2342

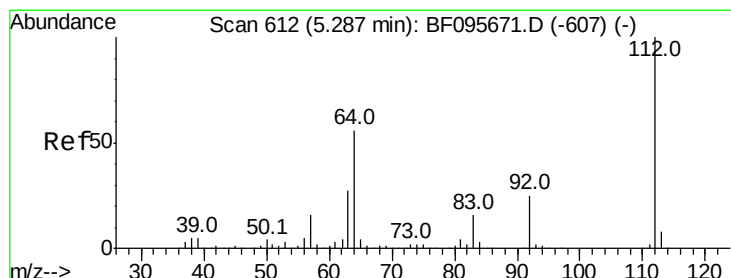
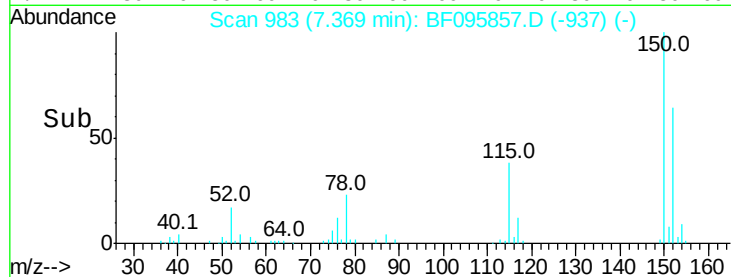
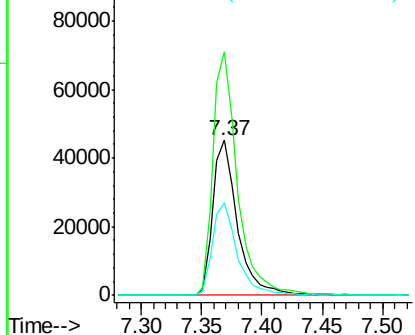
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	59.6	52.2	78.2

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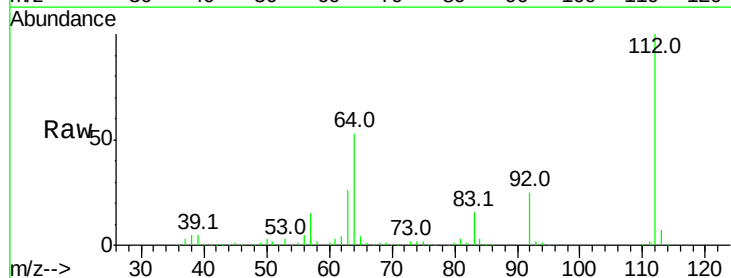
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



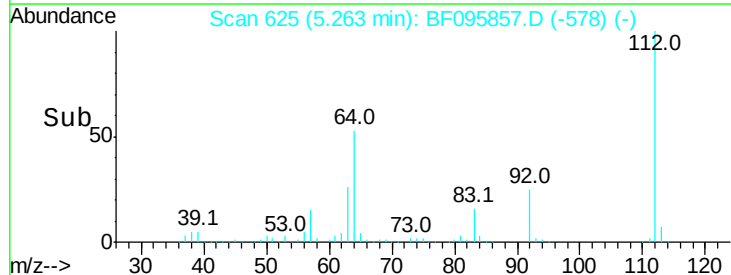
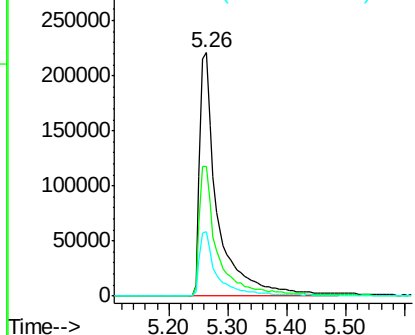
#5

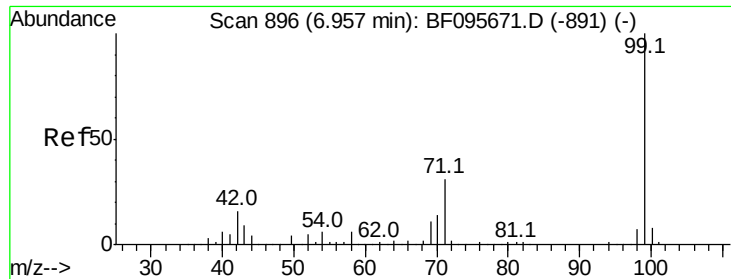
2-Fluorophenol
Concen: 117.33 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095857.D
Acq: 10 Jun 2017 20:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.0	69.0
63	26.2	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.30 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095857.D

Acq: 10 Jun 2017 20:12

Instrument :

BNA_F

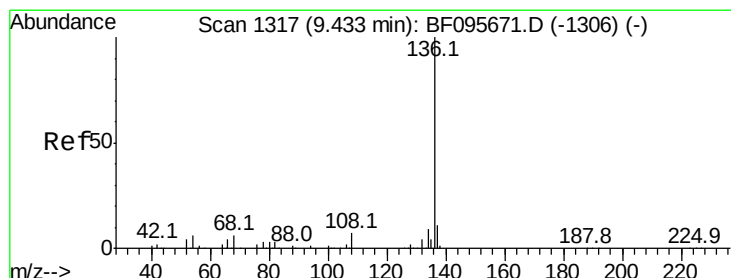
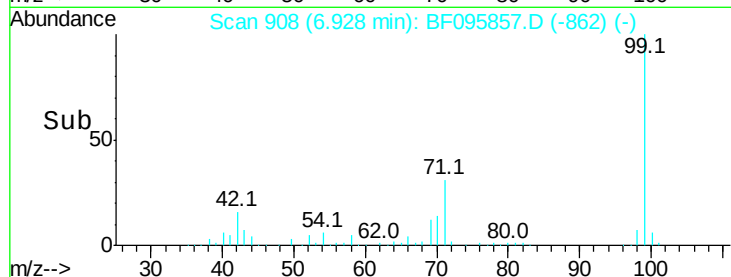
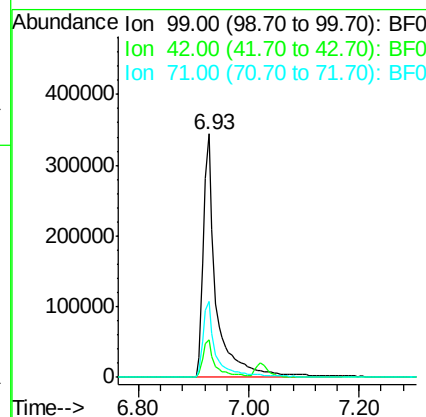
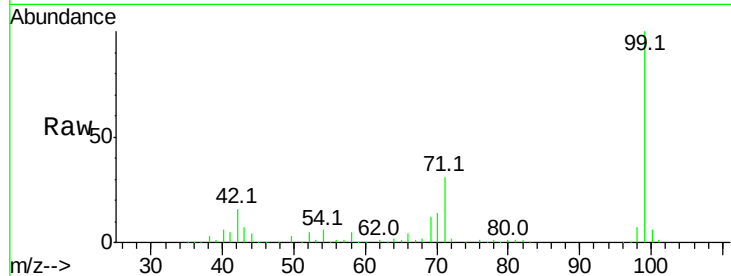
ClientSampleId :

RO-2342

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		569131		
42	15.6	13.5	20.3		
71	31.4	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

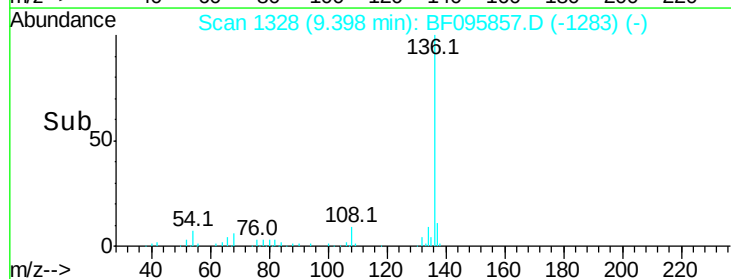
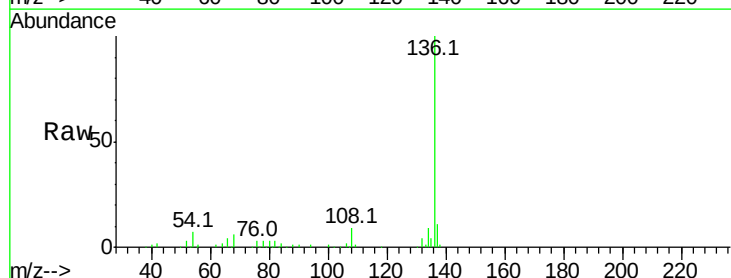
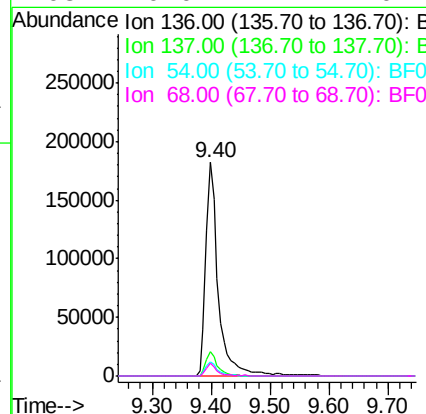
RT: 9.40 min Scan# 1328

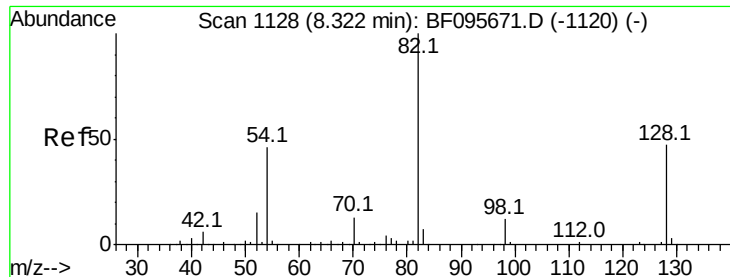
Delta R.T. -0.04 min

Lab File: BF095857.D

Acq: 10 Jun 2017 20:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		269084		
137	11.1	8.5	12.7		
54	6.8	4.9	7.3		
68	6.0	4.1	6.1		





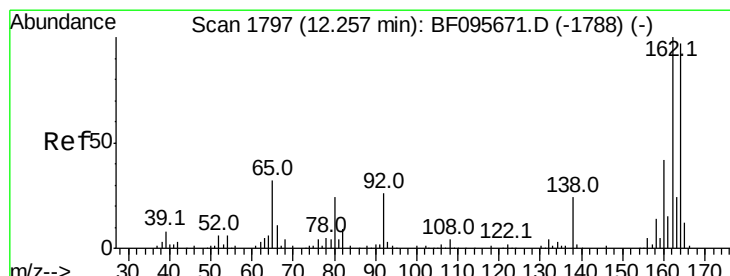
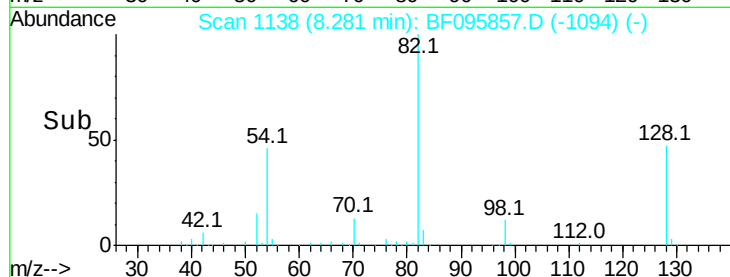
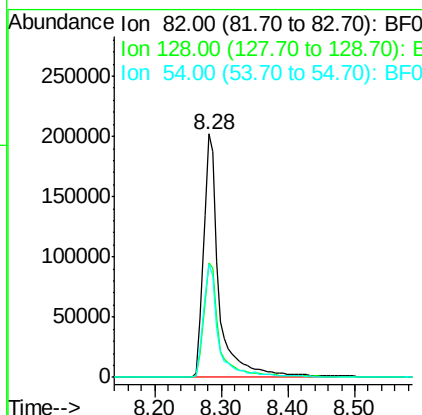
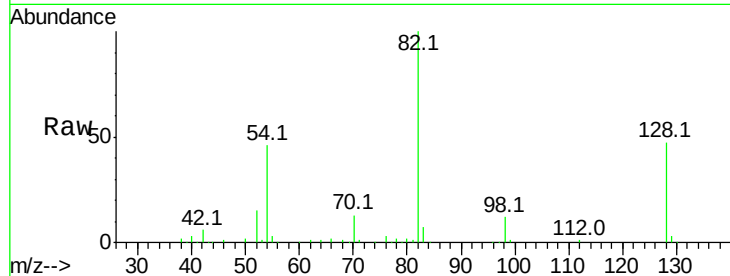
#23
Nitrobenzene-d5
Concen: 74.88 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.04 min
Lab File: BF095857.D
Acq: 10 Jun 2017 20:12

Instrument :
BNA_F
ClientSampled :
RO-2342

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	46.3	42.2	63.2

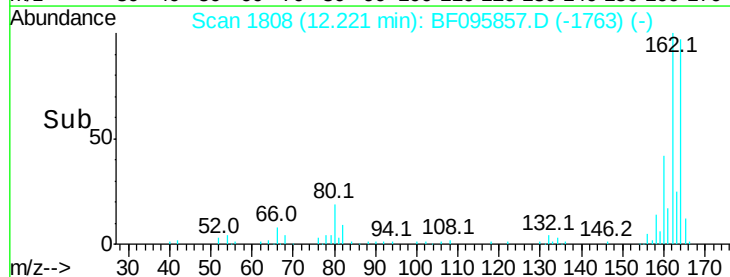
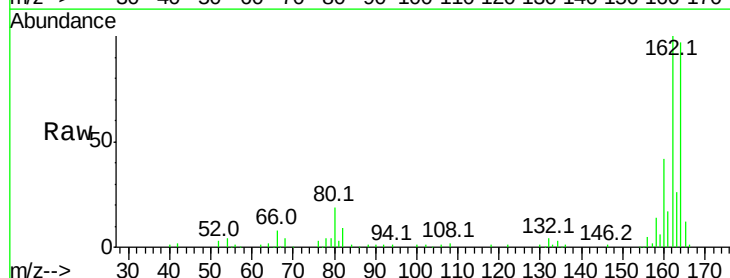
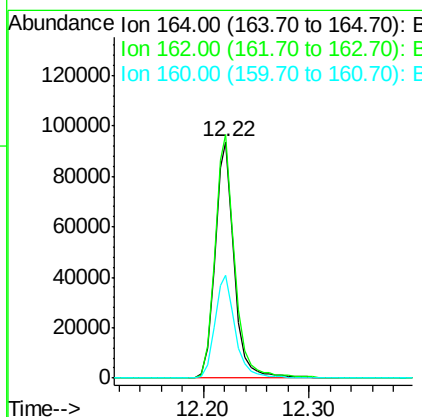
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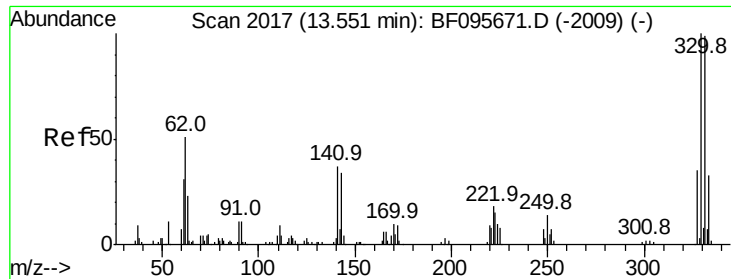
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095857.D
Acq: 10 Jun 2017 20:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	43.6	36.2	54.2





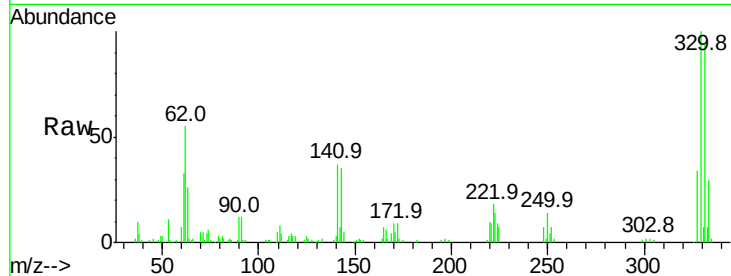
#41
 2,4,6-Tribromophenol
 Concen: 101.32 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF095857.D
 Acq: 10 Jun 2017 20:12

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342

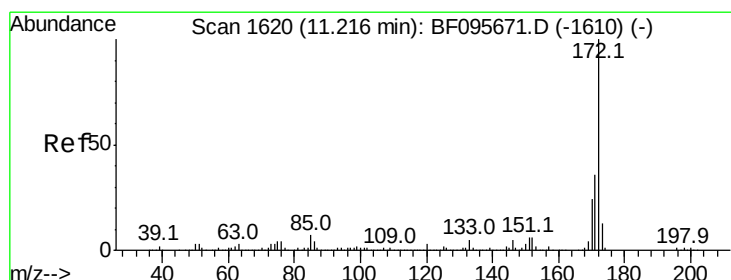
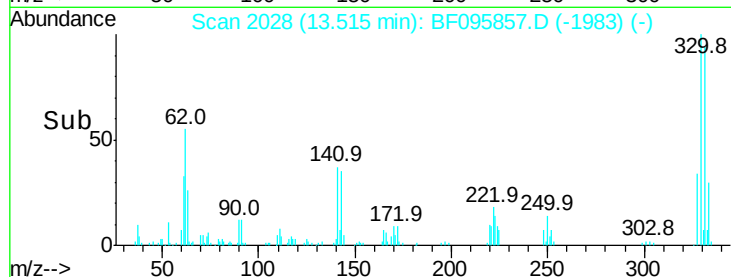
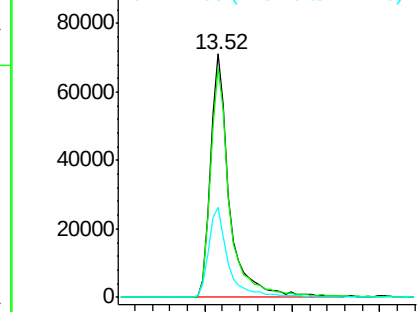
Tot Ion	Ratio	Resp	Lower	Upper
330	100	107109		
332	94.9	76.6	115.0	
141	38.2	31.4	47.2	

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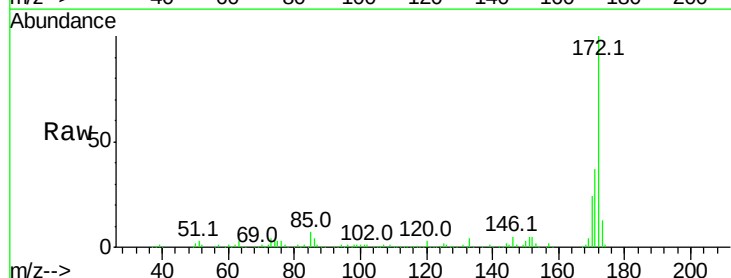


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

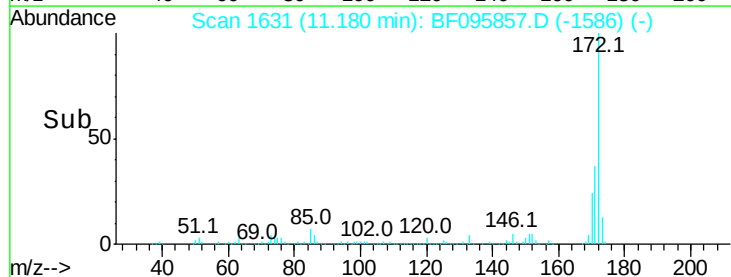
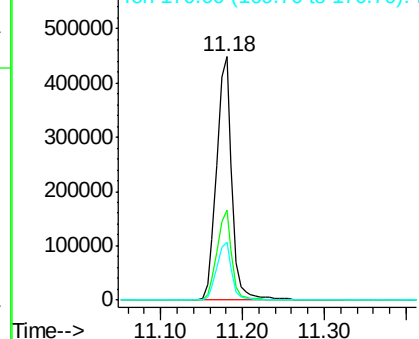


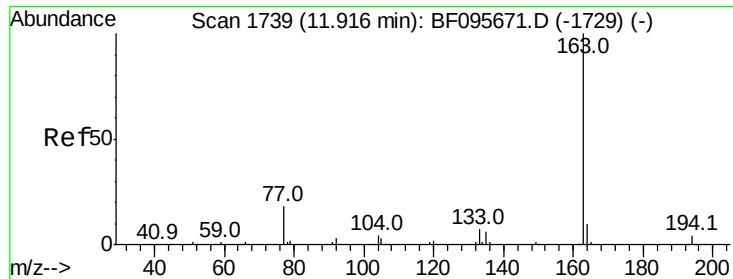
#44
 2-Fluorobiphenyl
 Concen: 68.60 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF095857.D
 Acq: 10 Jun 2017 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	588974		
171	37.2	29.6	44.4	
170	23.7	19.8	29.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





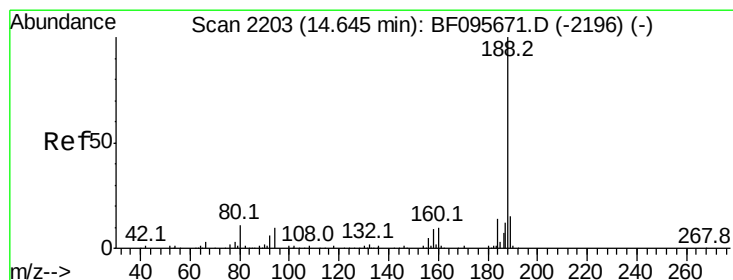
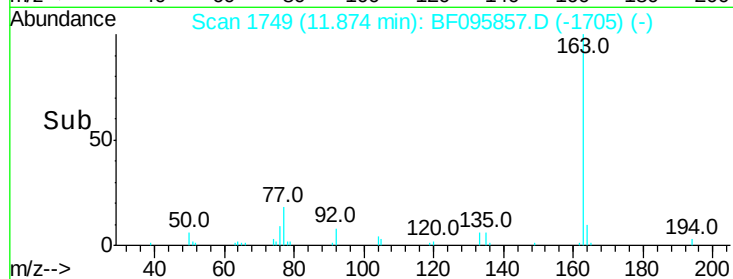
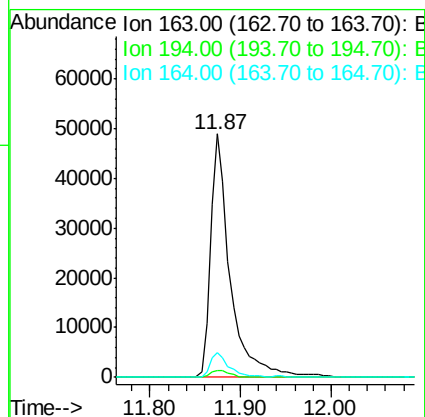
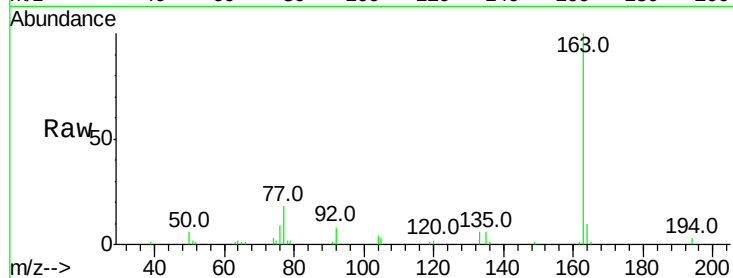
#49
Dimethylphthalate
Concen: 8.16 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095857.D
Acq: 10 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
RO-2342

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	9.9	8.4	12.6

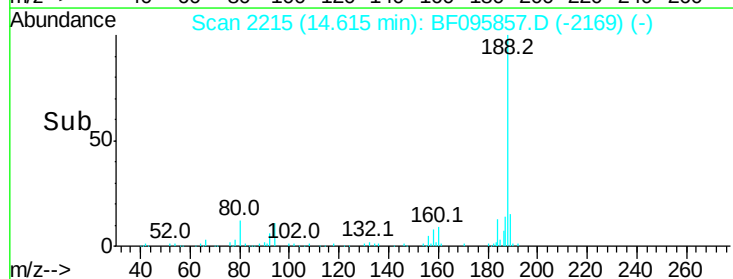
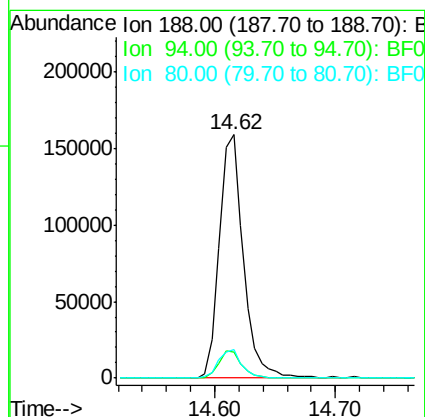
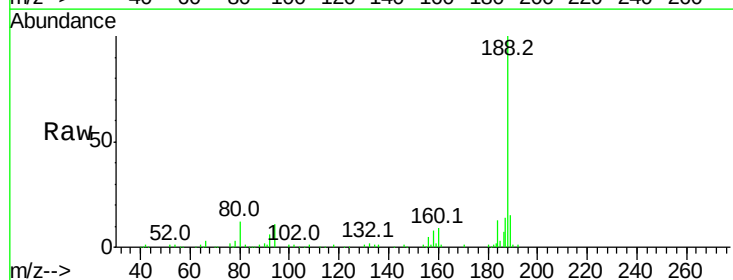
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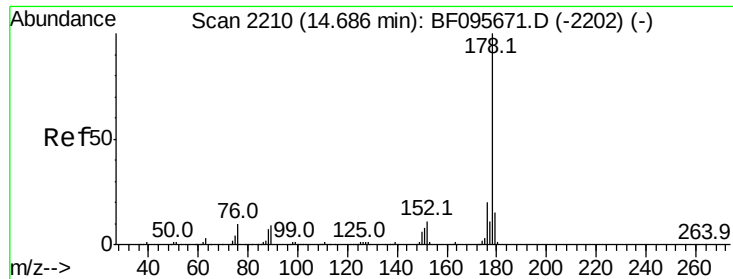
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095857.D
Acq: 10 Jun 2017 20:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.5	10.2	15.2





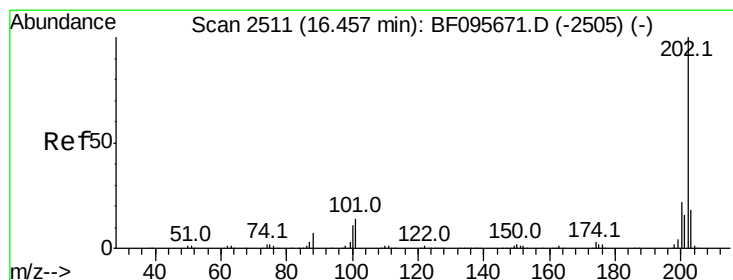
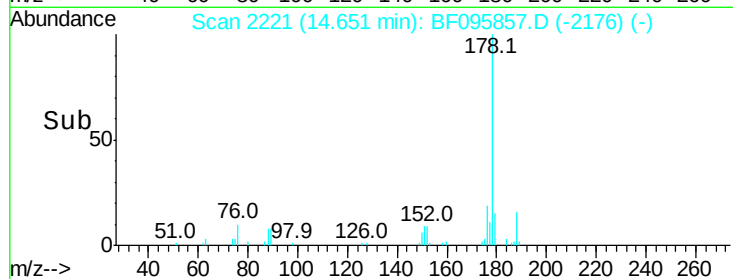
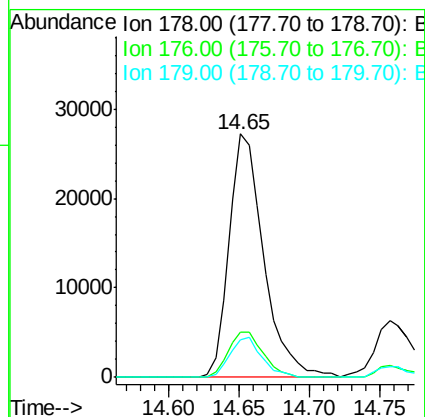
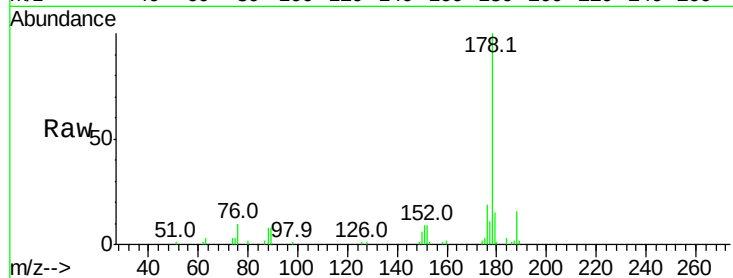
#70
Phenanthrene
Concen: 3.71 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF095857.D
Acq: 10 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
RO-2342

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	15.5	12.6	19.0

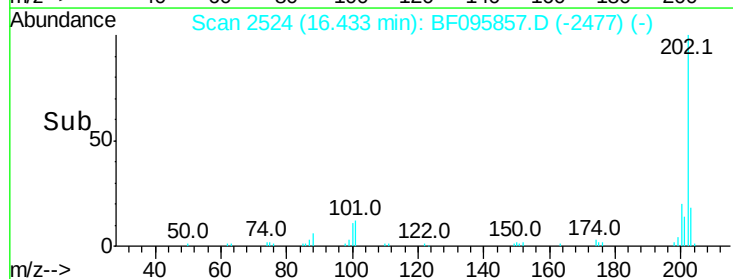
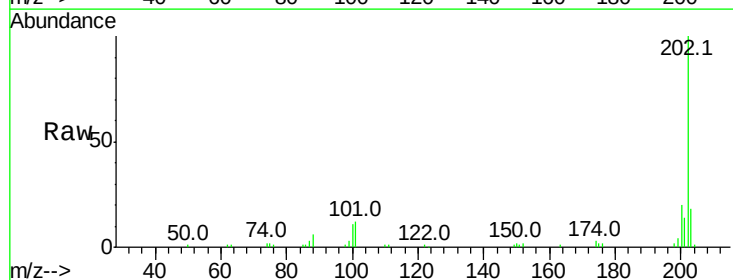
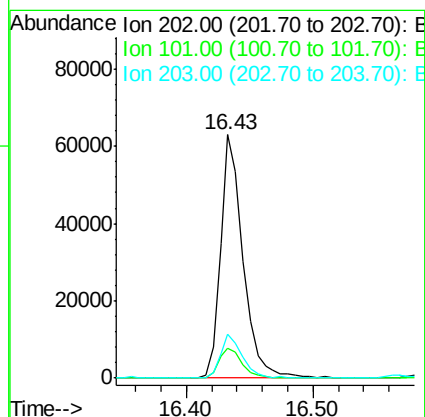
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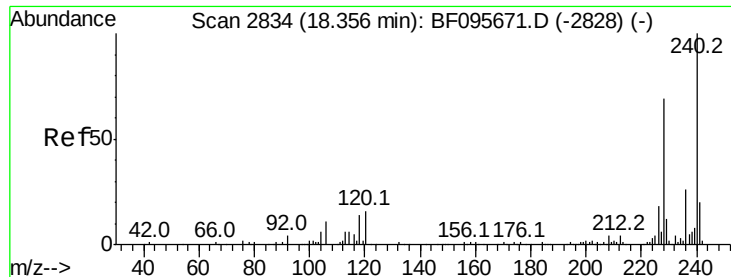
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#74
Fluoranthene
Concen: 6.22 ng
RT: 16.43 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095857.D
Acq: 10 Jun 2017 20:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095857.D

Acq: 10 Jun 2017 20:12

Instrument :

BNA_F

ClientSampled :

RO-2342

Tot Ion:240 Resp: 157773

Ion Ratio Lower Upper

240 100

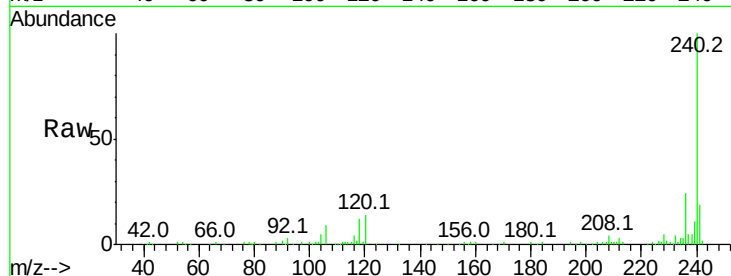
120 13.8 5.8 8.8#

236 23.7 20.5 30.7

Manual Integrations
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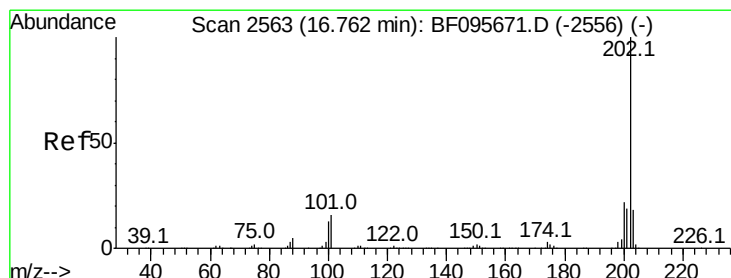
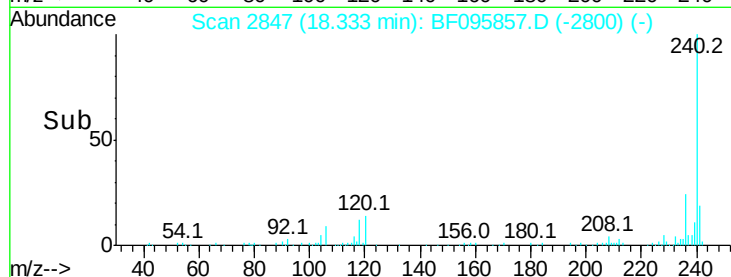
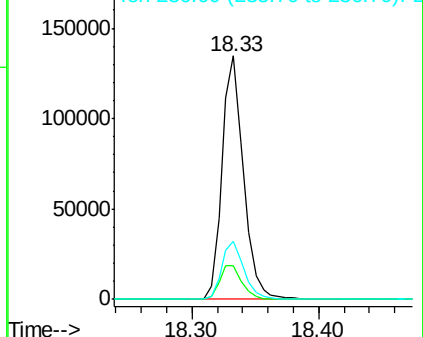
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.58 ng

RT: 16.74 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095857.D

Acq: 10 Jun 2017 20:12

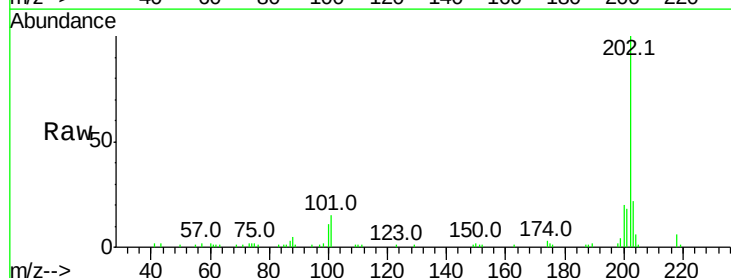
Tgt Ion:202 Resp: 65723

Ion Ratio Lower Upper

202 100

200 19.9 17.6 26.4

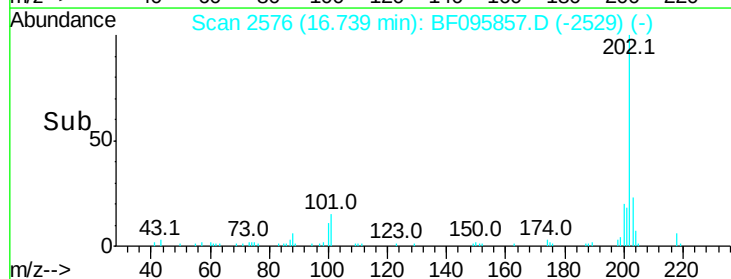
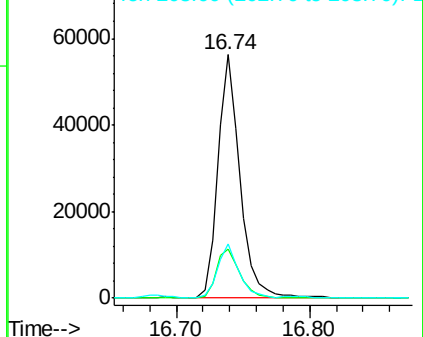
203 22.1 14.4 21.6#

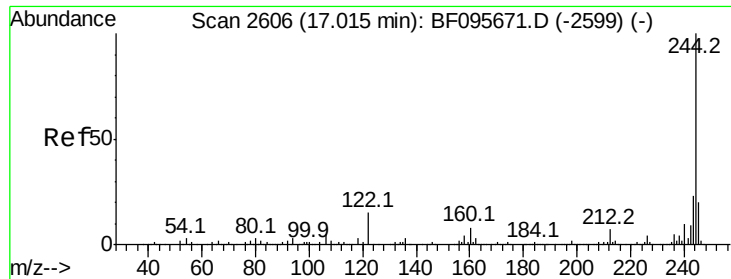


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





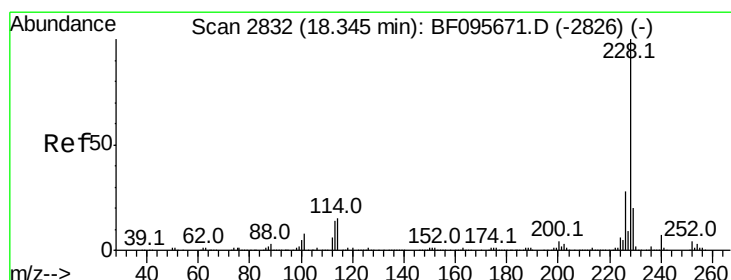
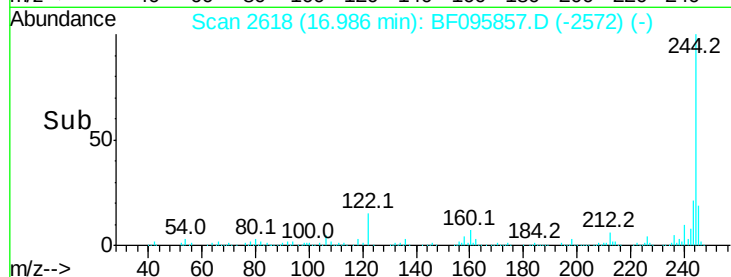
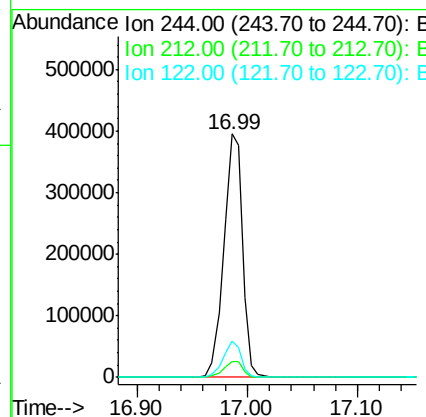
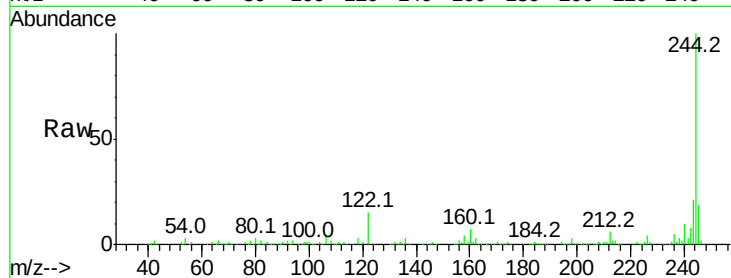
#78
 Terphenyl-d14
 Concen: 73.40 ng
 RT: 16.99 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BF095857.D
 Acq: 10 Jun 2017 20:12

Instrument :
 BNA_F
 ClientSampled :
 RO-2342

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	14.8	10.3	15.5

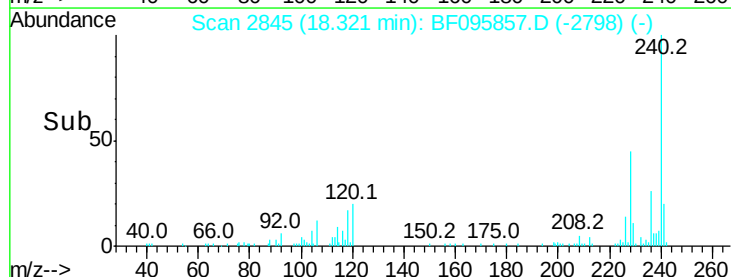
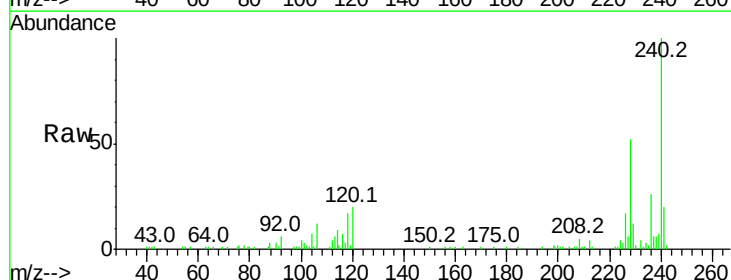
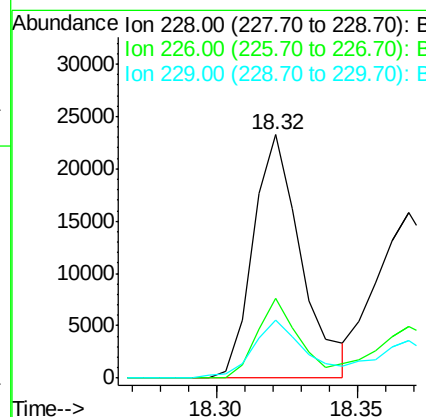
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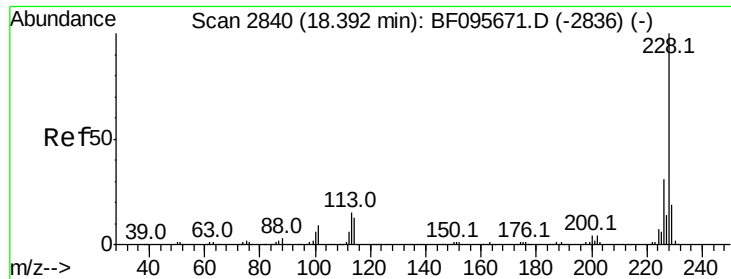
mohammad
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#80
 Benzo(a)anthracene
 Concen: 2.99 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF095857.D
 Acq: 10 Jun 2017 20:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.6	33.8
229	24.1	16.3	24.5





#82

Chrysene

Concen: 2.73 ng

RT: 18.37 min Scan# 2853

Delta R.T. -0.02 min

Lab File: BF095857.D

Acq: 10 Jun 2017 20:12

Instrument :

BNA_F

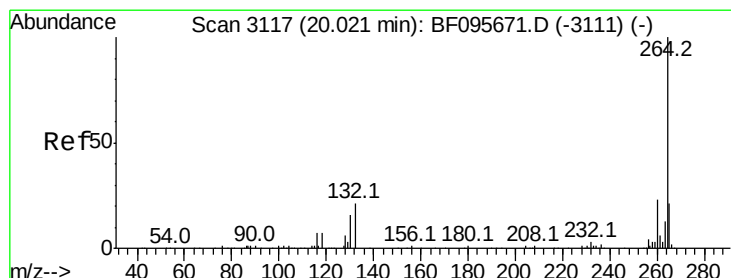
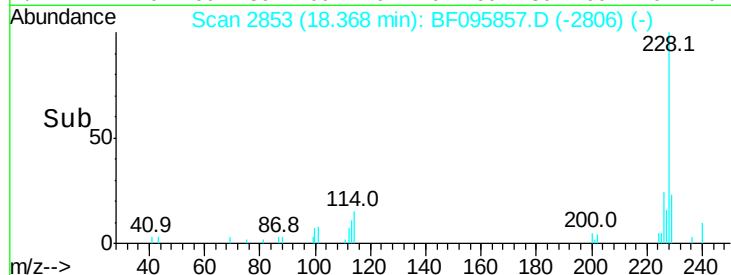
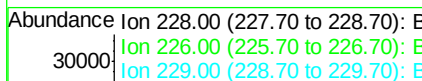
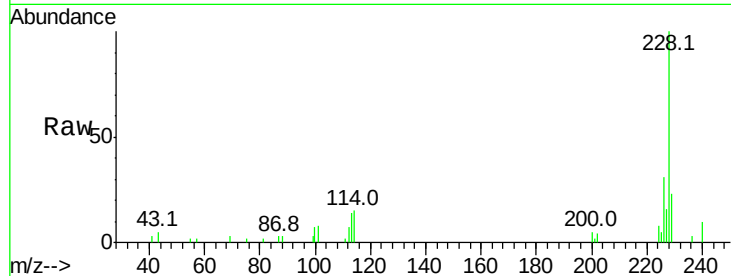
ClientSampleId :

RO-2342

Tot Ion:	228	Resp:	25051
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.9	37.3
229	22.7	15.8	23.6

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#86

Perylene-d12

Concen: 20.00 ng

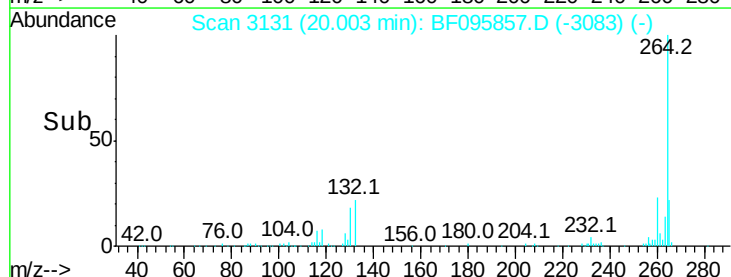
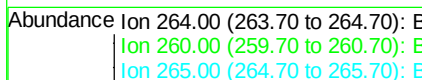
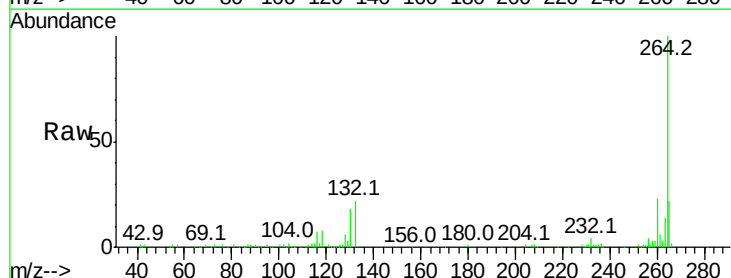
RT: 20.00 min Scan# 3131

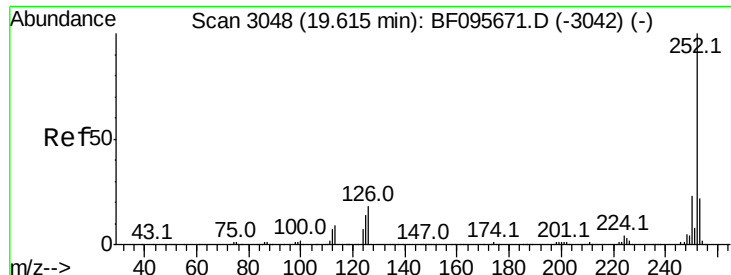
Delta R.T. -0.02 min

Lab File: BF095857.D

Acq: 10 Jun 2017 20:12

Tgt Ion:	264	Resp:	136218
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.5	29.3
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 3.68 ng m

RT: 19.60 min Scan# 3063

Delta R.T. -0.01 min

Lab File: BF095857.D

Acq: 10 Jun 2017 20:12

Instrument :

BNA_F

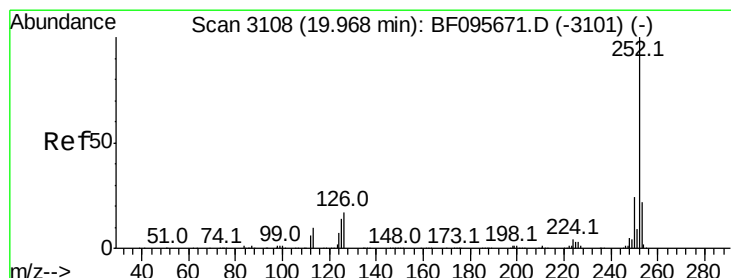
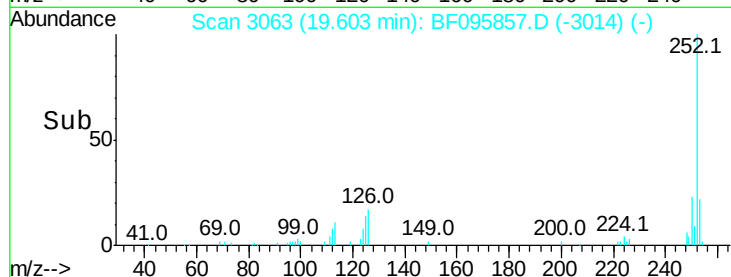
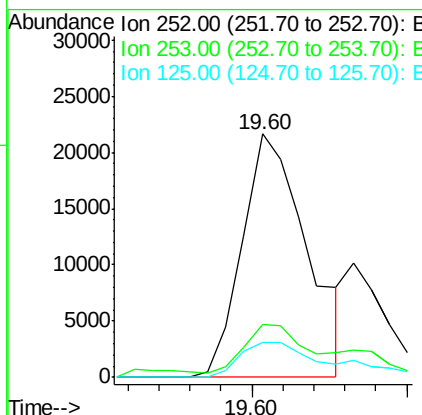
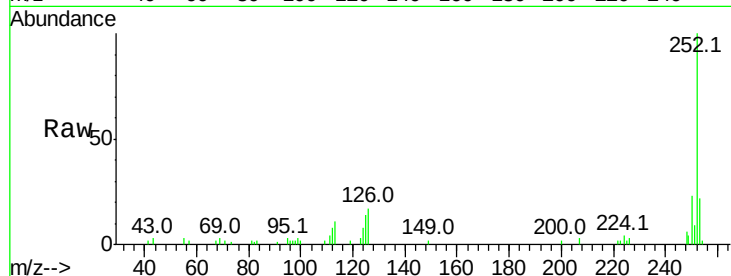
ClientSampled :

RO-2342

Tot Ion:	252	Resp:	31379
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	14.3	9.8	14.8

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#89

Benzo(a)pyrene

Concen: 2.88 ng m

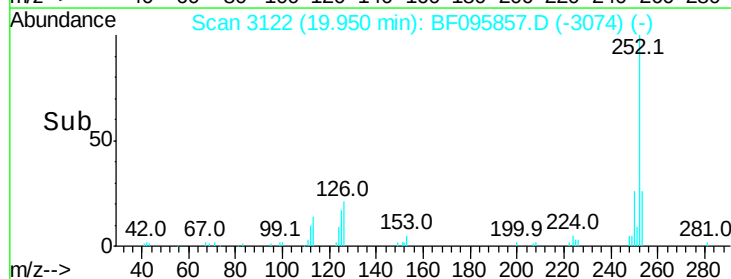
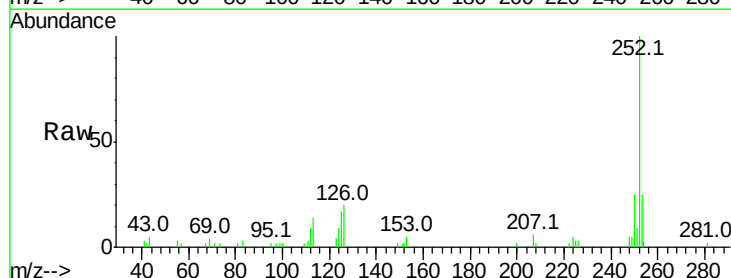
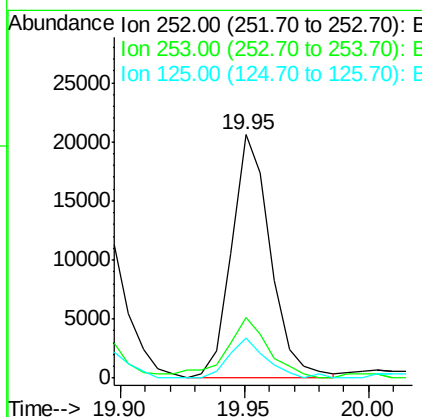
RT: 19.95 min Scan# 3122

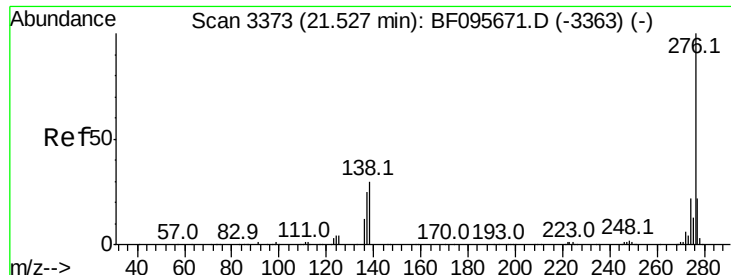
Delta R.T. -0.02 min

Lab File: BF095857.D

Acq: 10 Jun 2017 20:12

Tgt Ion:	252	Resp:	22557
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.5	26.3
125	16.6	11.0	16.4#





#91
 Benzo(a,h,i)perylene
 Concen: 2.09 ng
 RT: 21.53 min Scan# 3391
 Delta R.T. 0.01 min
 Lab File: BF095857.D
 Acq: 10 Jun 2017 20:12

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342

Tot Ion	Ratio	Lower	Upper
276	100		
277	31.8	18.6	28.0#
138	28.2	25.4	38.0

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