

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095748.D
 Acq On : 7 Jun 2017 16:18
 Operator : SJ/MA
 Sample : I3486-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-RO-20397-060517

Manual Integrations
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Quant Time: Jun 08 04:34:03 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	7.38	152	84041	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	340018	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	149591	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	241195	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	159537	20.00	ng	-0.02
86) Perylene-d12	20.01	264	141612	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	584126	110.75	ng	-0.01
7) Phenol-d6	6.95	99	698726	110.66	ng	-0.01
23) Nitrobenzene-d5	8.30	82	412399	75.33	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	133080	100.55	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	757879	70.50	ng	-0.02
78) Terphenyl-d14	17.00	244	482016	74.98	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.89	163	155337	13.68	ng	98
74) Fluoranthene	16.44	202	56029	4.07	ng	98
77) Pyrene	16.74	202	53692	4.51	ng	# 94
80) Benzo(a)anthracene	18.33	228	23725	2.56	ng	93
82) Chrysene	18.38	228	25375	2.74	ng	98
87) Benzo(b)fluoranthene	19.62	252	34406m	3.88	ng	
89) Benzo(a)pyrene	19.96	252	23405	2.87	ng	# 95
91) Benzo(g,h,i)perylene	21.53	276	17074	2.42	ng	# 90

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

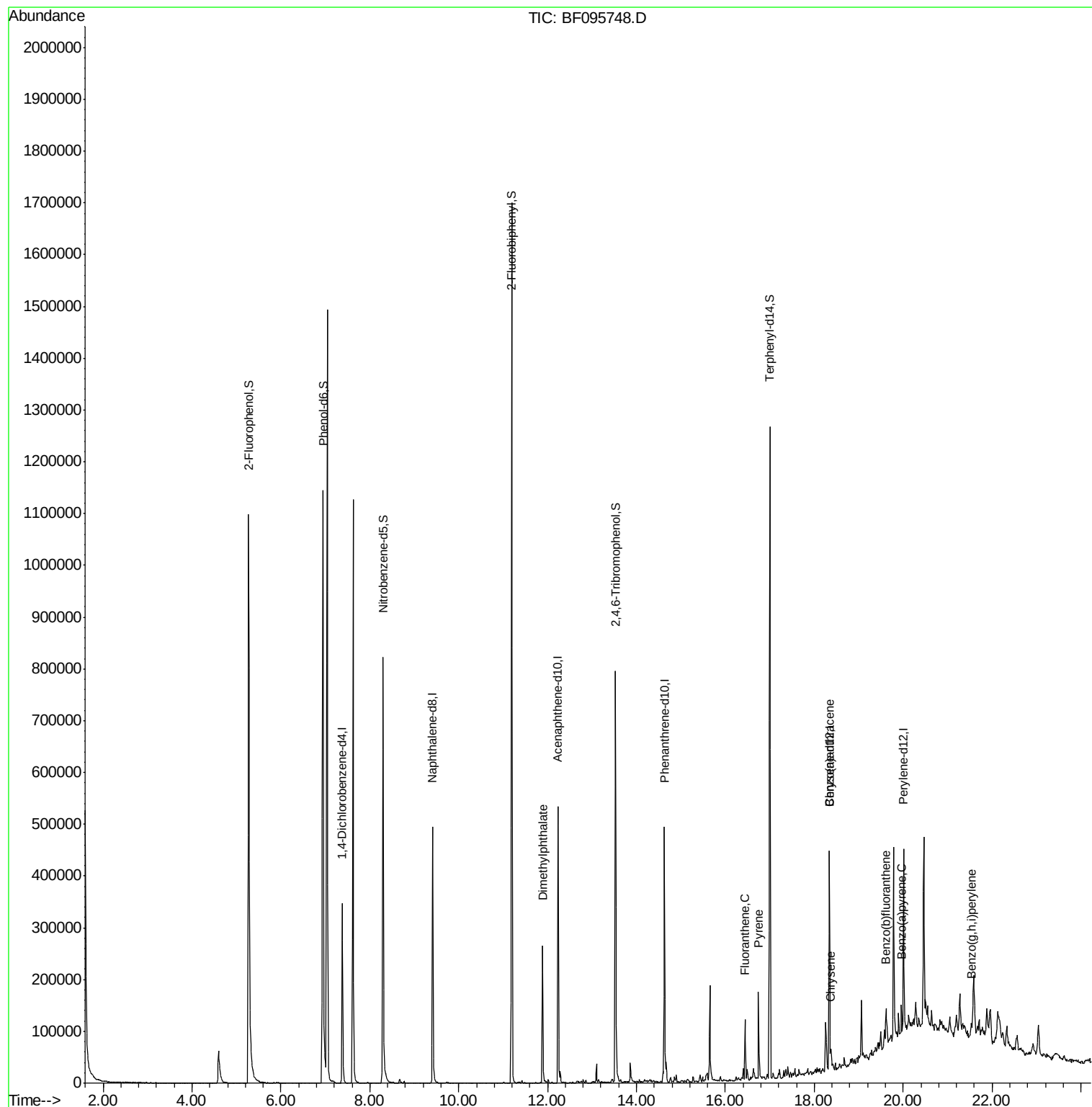
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

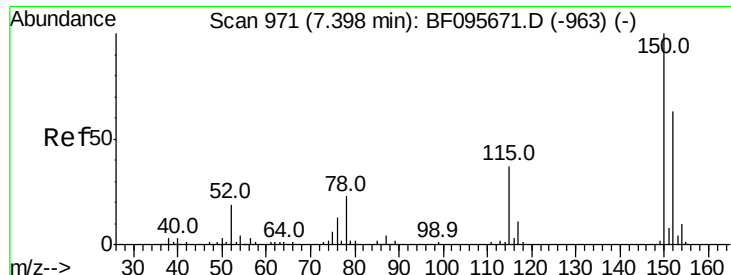
Instrument :
BNA_F
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HD-RO-20397-060517

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Quant Time: Jun 08 04:34:03 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

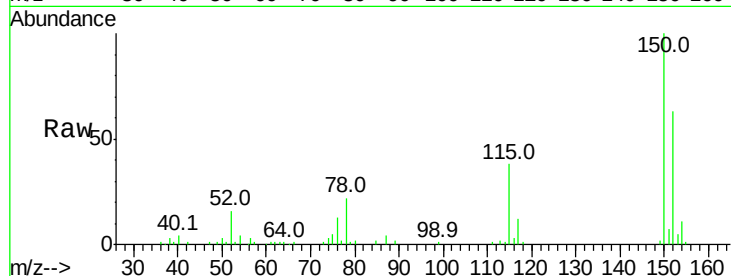
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095748.D
Acq: 7 Jun 2017 16:18

Instrument :
BNA_F
ClientSampleId :
HD-RO-20397-060517

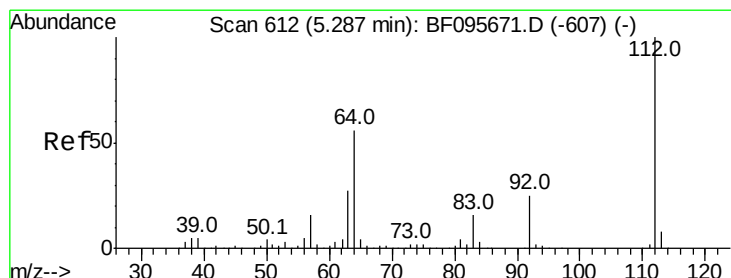
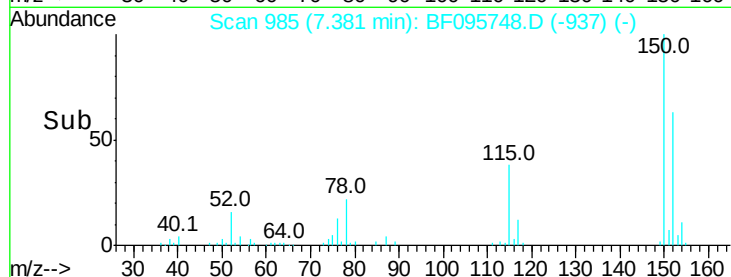
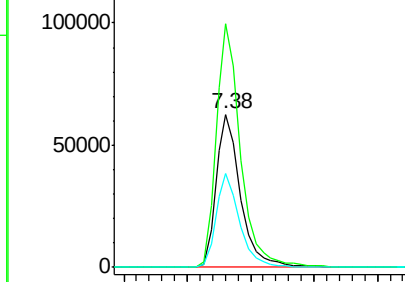
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.2	189.2
115	61.1	52.2	78.2

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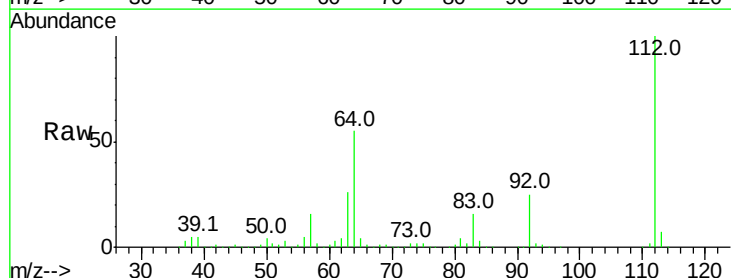
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



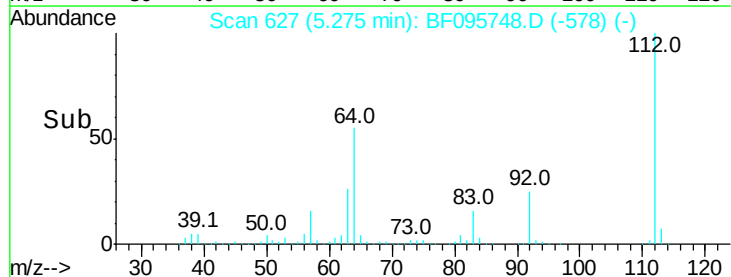
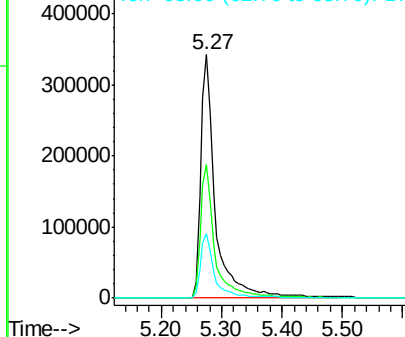
#5

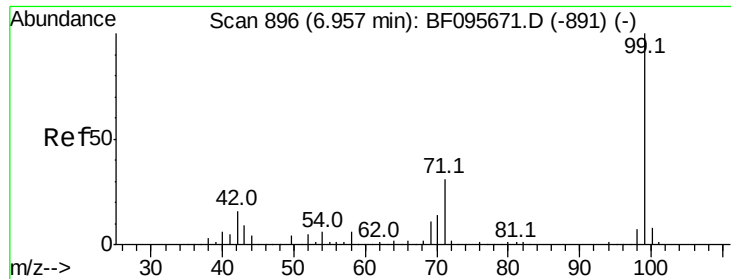
2-Fluorophenol
Concen: 110.75 ng
RT: 5.27 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF095748.D
Acq: 7 Jun 2017 16:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.0	69.0
63	26.5	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: 110.66 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF095748.D

Acq: 7 Jun 2017 16:18

Instrument :

BNA_F

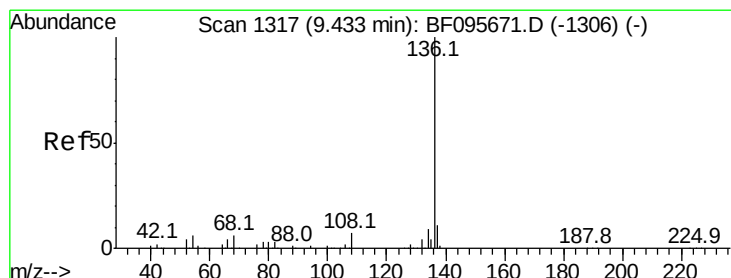
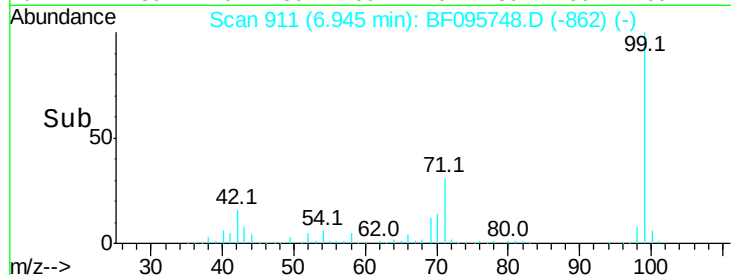
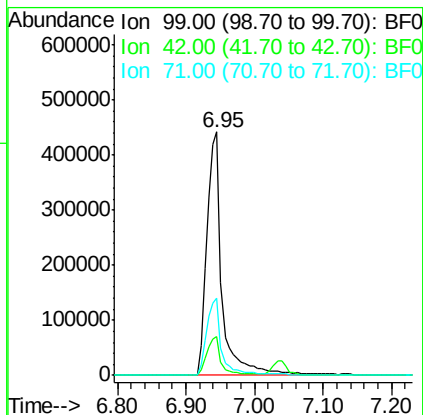
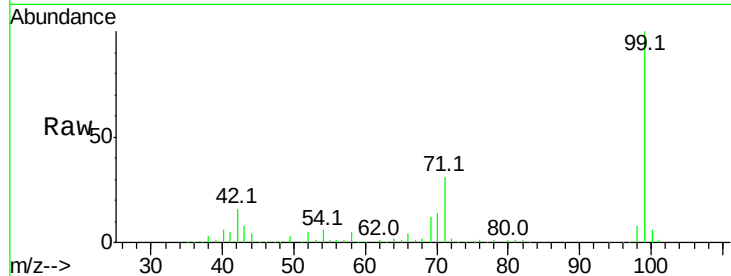
ClientSampleId :

HD-RO-20397-060517

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		698726		
42	15.8	13.5	20.3		
71	31.5	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

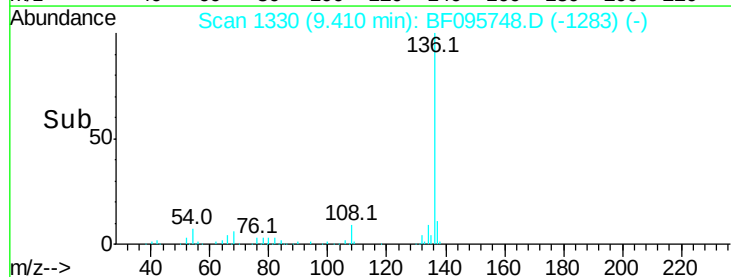
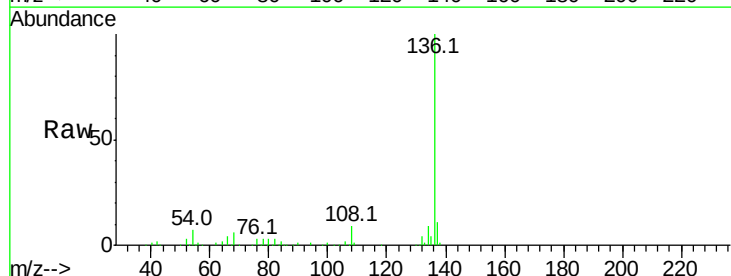
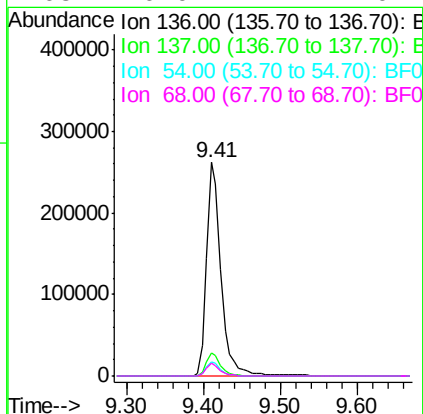
RT: 9.41 min Scan# 1330

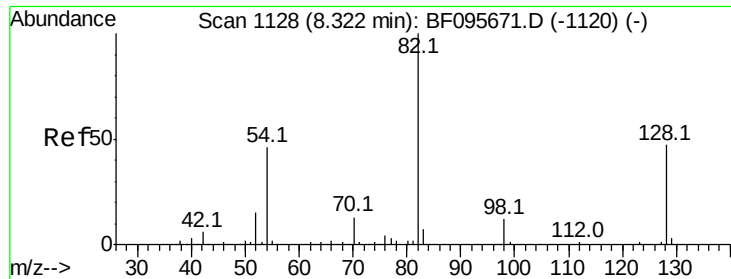
Delta R.T. -0.02 min

Lab File: BF095748.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		340018		
137	10.8	8.5	12.7		
54	6.6	4.9	7.3		
68	6.0	4.1	6.1		





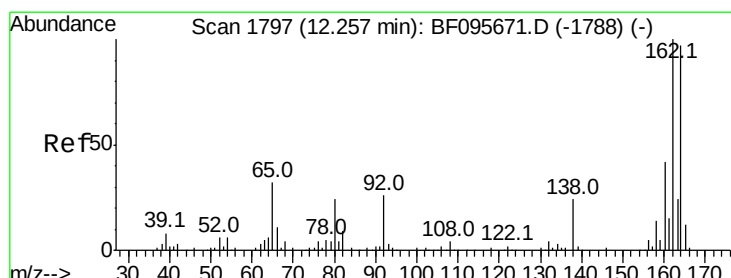
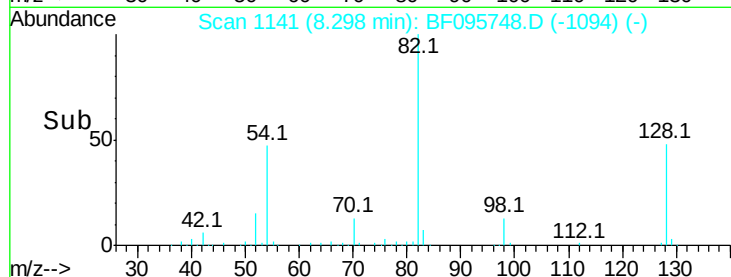
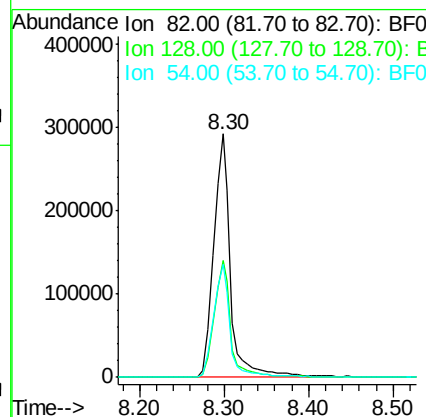
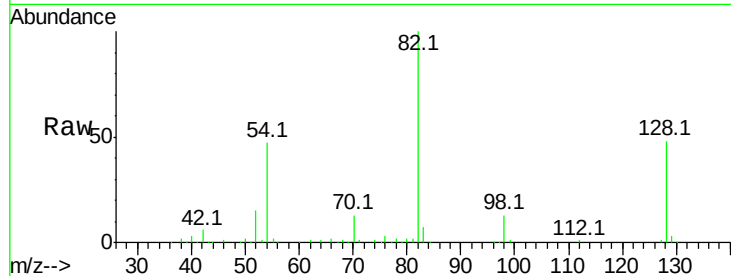
#23
 Nitrobenzene-d5
 Concen: 75.33 ng
 RT: 8.30 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF095748.D
 Acq: 7 Jun 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 HD-RO-20397-060517

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.1	34.0	51.0	
54	46.5	42.2	63.2	

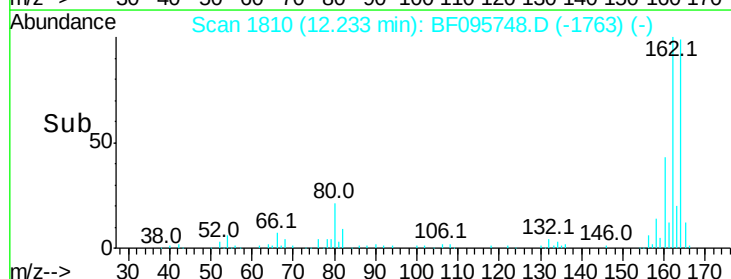
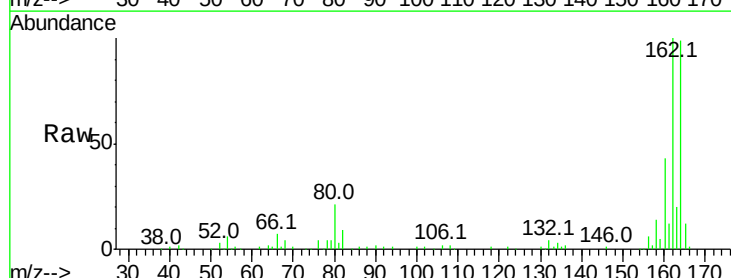
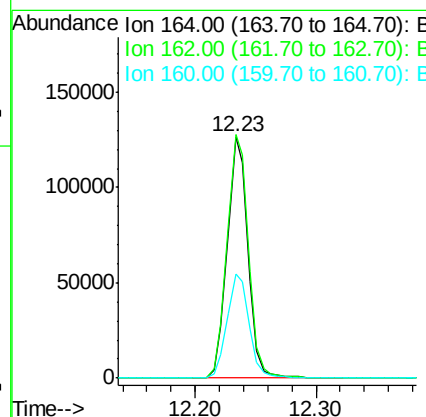
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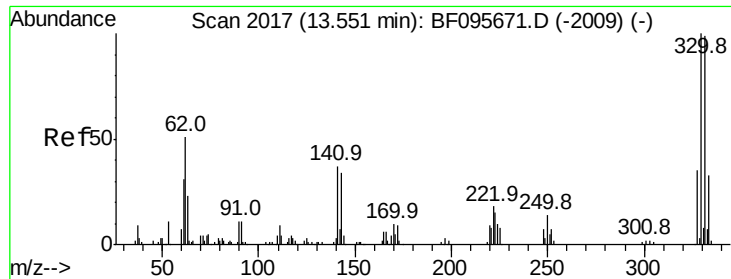
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.23 min Scan# 1810
 Delta R.T. -0.02 min
 Lab File: BF095748.D
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	82.6	123.8	
160	43.0	36.2	54.2	





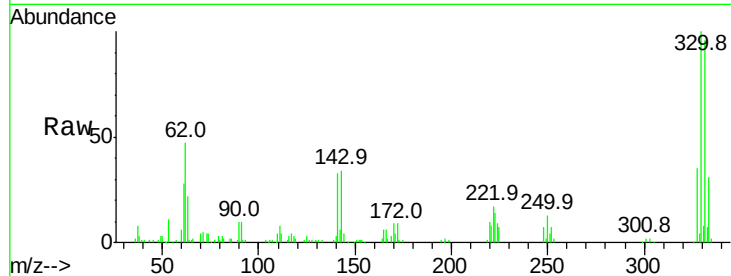
#41
2,4,6-Tribromophenol
Concen: 100.55 ng
RT: 13.53 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF095748.D
Acq: 7 Jun 2017 16:18

Instrument :
BNA_F
ClientSampleId :
HD-RO-20397-060517

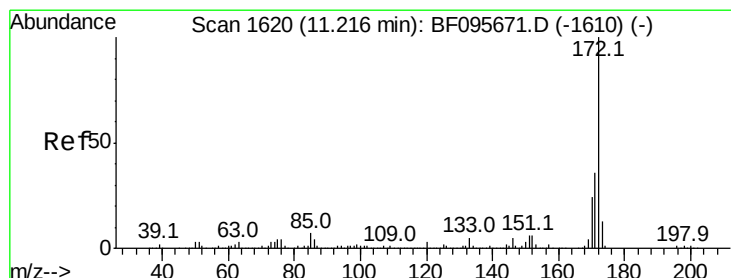
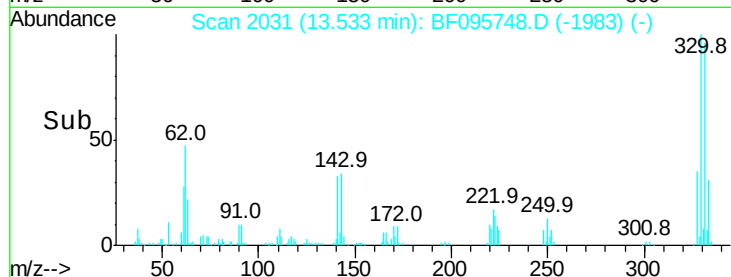
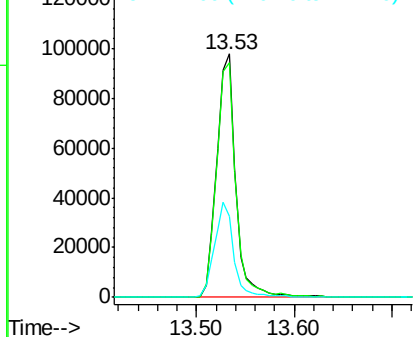
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.2	76.6	115.0	
141	38.9	31.4	47.2	

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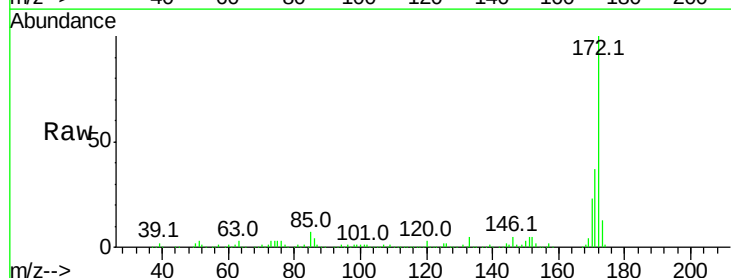


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

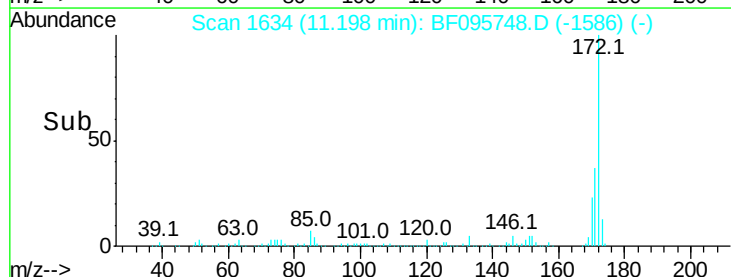
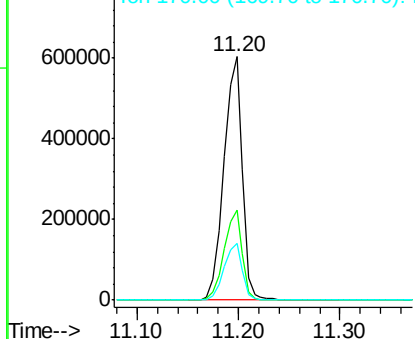


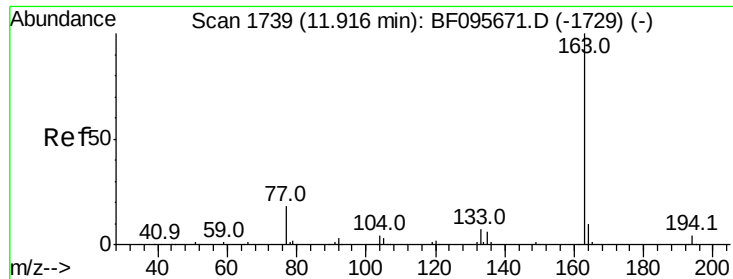
#44
2-Fluorobiphenyl
Concen: 70.50 ng
RT: 11.20 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BF095748.D
Acq: 7 Jun 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.8	29.6	44.4	
170	23.3	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





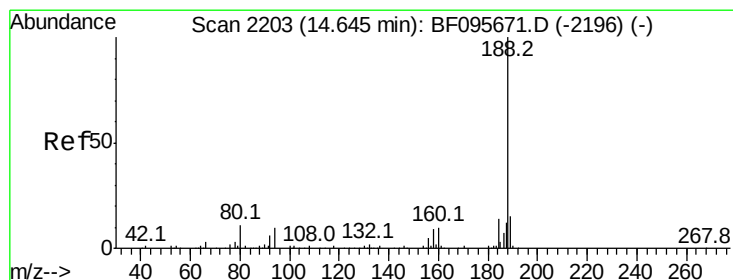
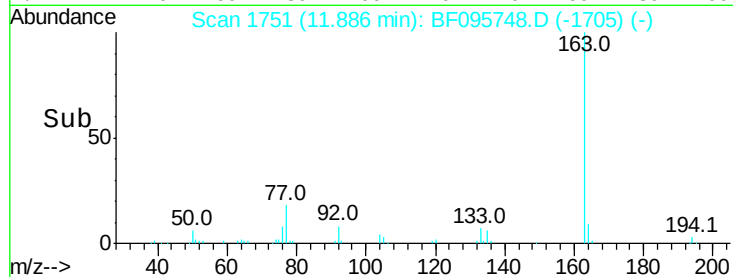
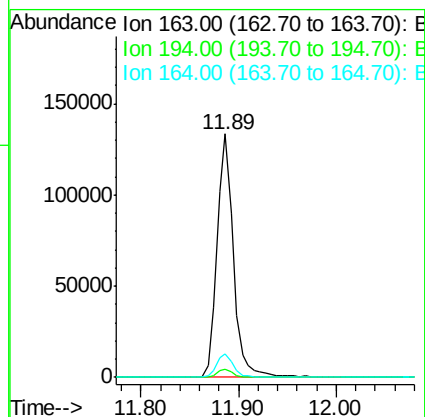
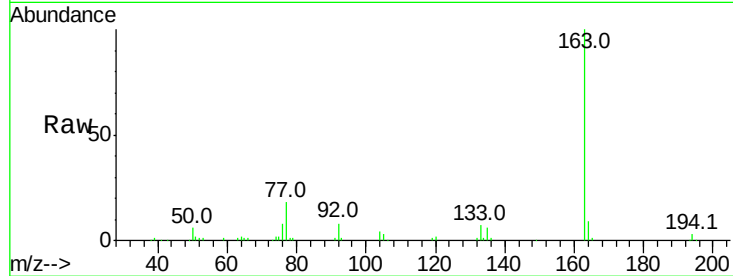
#49
Dimethylphthalate
Concen: 13.68 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095748.D
Acq: 7 Jun 2017 16:18

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	155337		
194	3.3	2.6	4.0	
164	9.5	8.4	12.6	

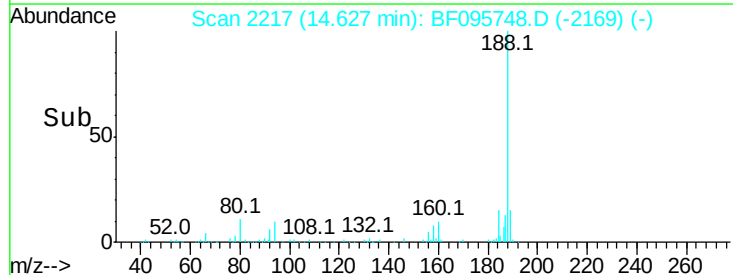
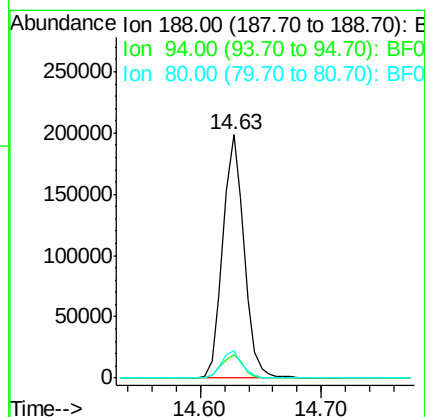
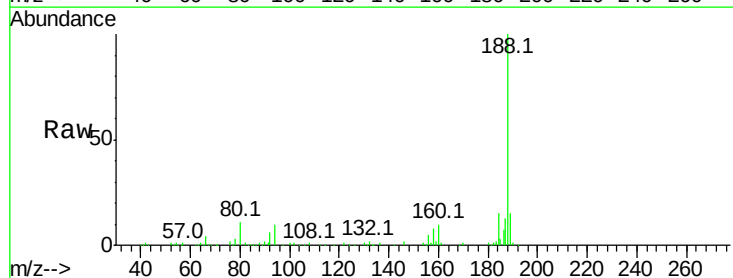
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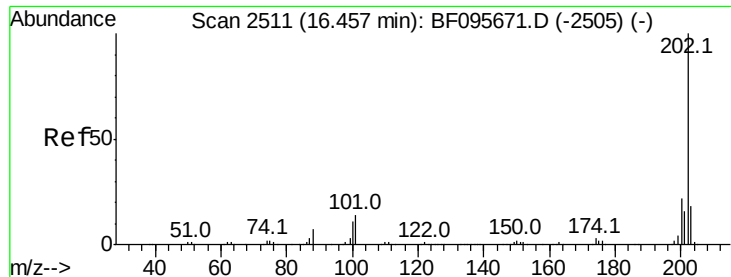
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF095748.D
Acq: 7 Jun 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	241195		
94	9.8	9.4	14.2	
80	11.0	10.2	15.2	





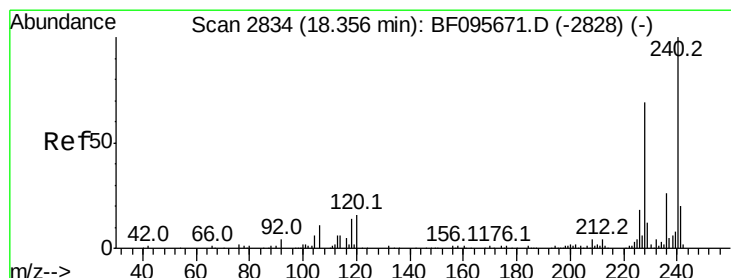
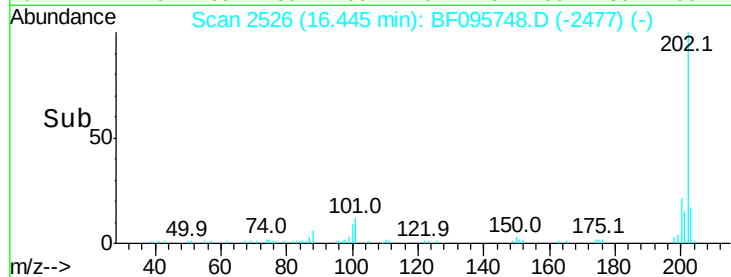
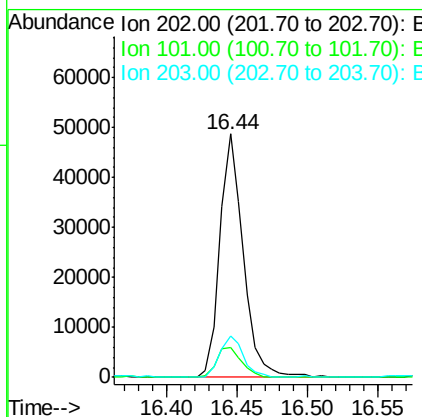
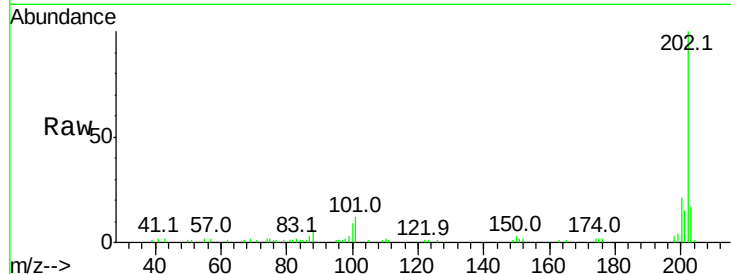
#74
 Fluoranthene
 Concen: 4.07 ng
 RT: 16.44 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BF095748.D
 Acq: 7 Jun 2017 16:18

Instrument :
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 HD-RO-20397-060517

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.5	0.0	33.2
203	17.1	0.0	38.1

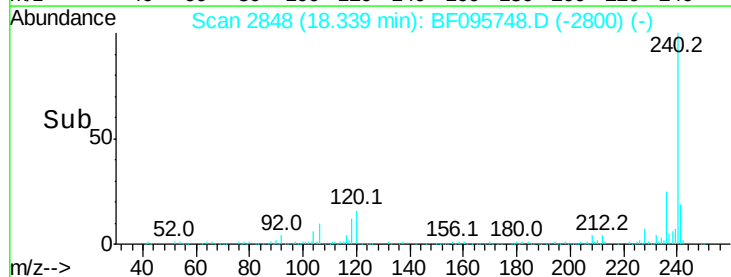
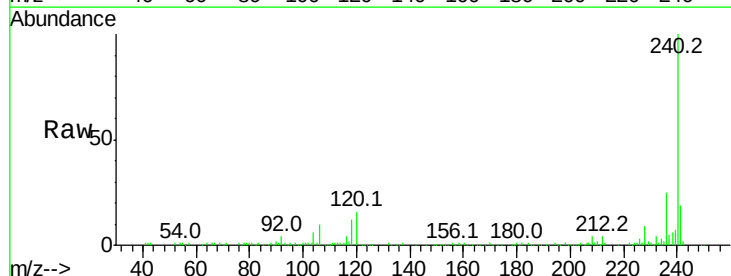
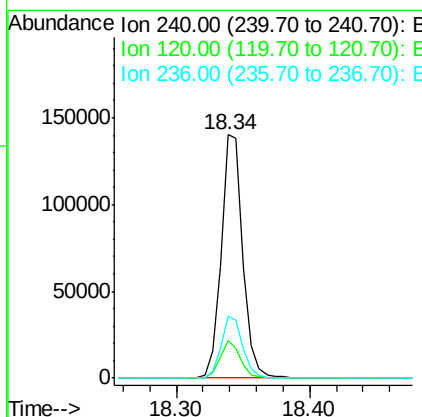
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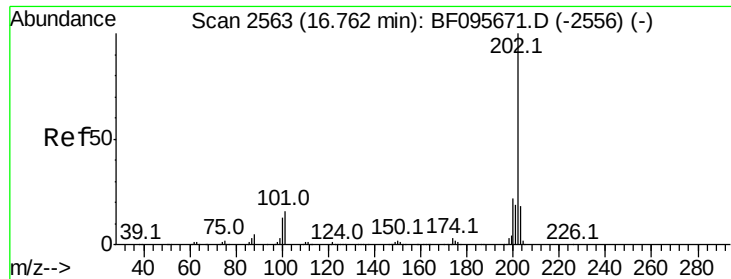
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.34 min Scan# 2848
 Delta R.T. -0.02 min
 Lab File: BF095748.D
 Acq: 7 Jun 2017 16:18

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.7	5.8	8.8#
236	25.2	20.5	30.7





#77

Pvrene

Concen: 4.51 ng

RT: 16.74 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BF095748.D

Acq: 7 Jun 2017 16:18

Instrument :

BNA_F

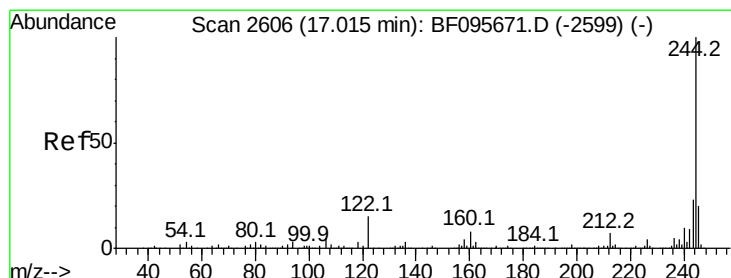
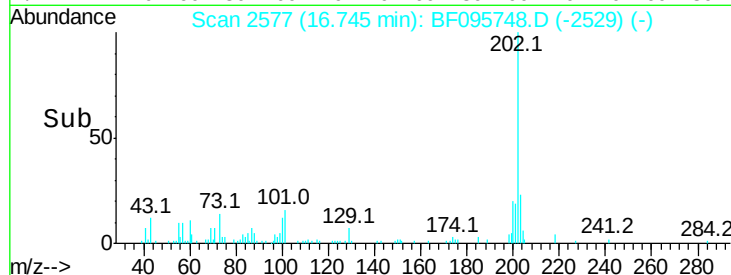
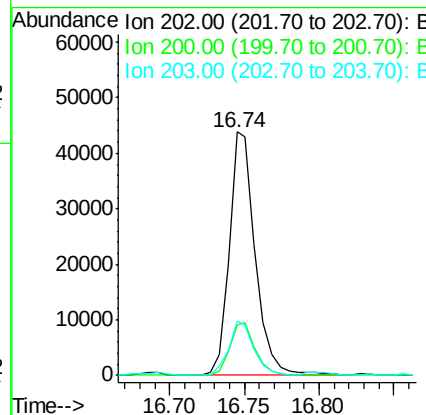
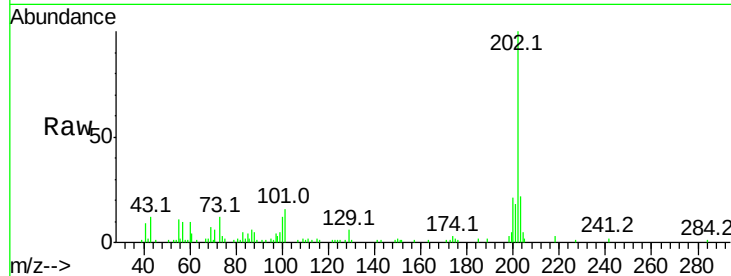
ClientSampleId :

HD-RO-20397-060517

Tot Ion:	202	Resp:	53692
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.6	26.4
203	22.5	14.4	21.6

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#78

Terphenyl-d14

Concen: 74.98 ng

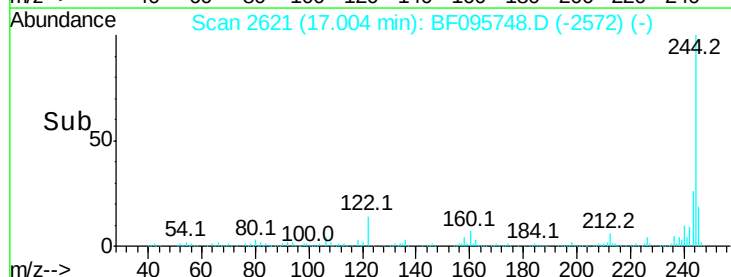
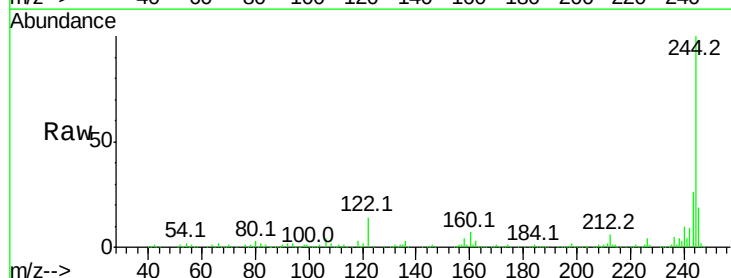
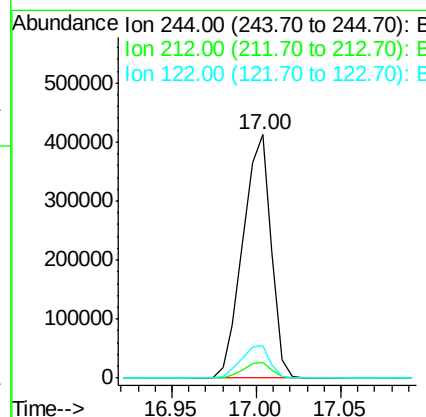
RT: 17.00 min Scan# 2621

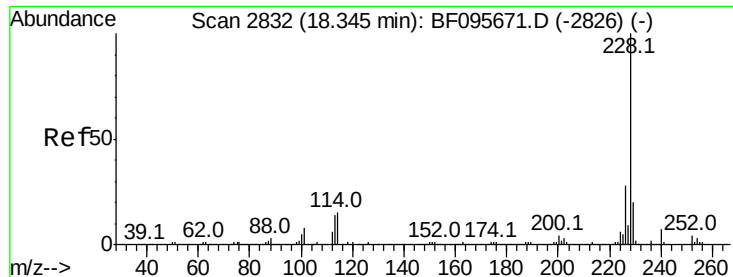
Delta R.T. -0.01 min

Lab File: BF095748.D

Acq: 7 Jun 2017 16:18

Tgt Ion:	244	Resp:	482016
Ion Ratio	Lower	Upper	
244	100		
212	6.3	6.0	9.0
122	13.5	10.3	15.5





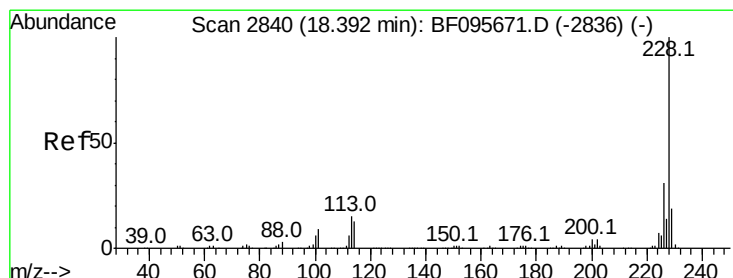
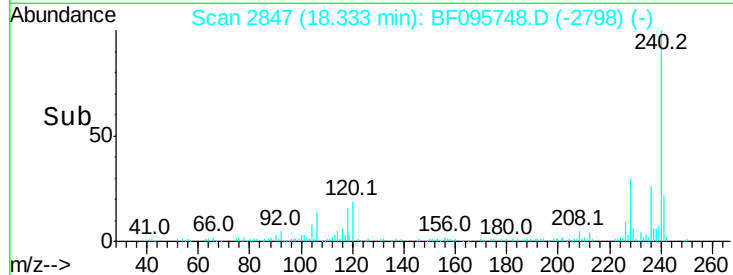
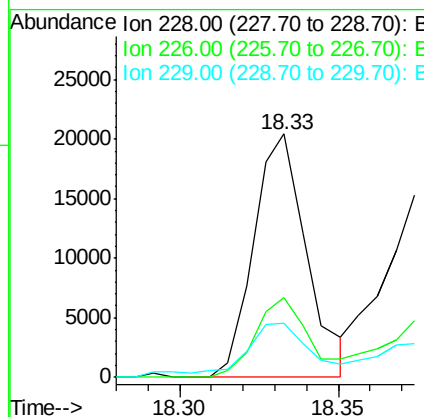
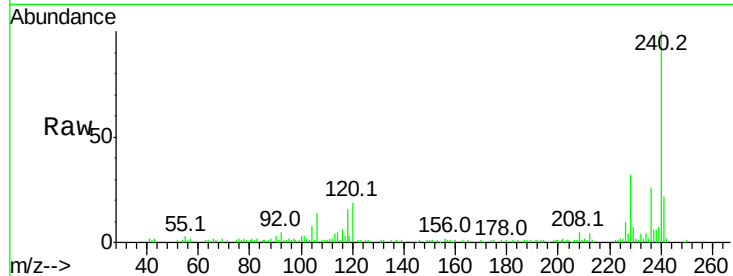
#80
Benzo(a)anthracene
Concen: 2.56 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095748.D
Acq: 7 Jun 2017 16:18

Instrument :
BNA_F
ClientSampleId :
HD-RO-20397-060517

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.6	33.8
229	22.5	16.3	24.5

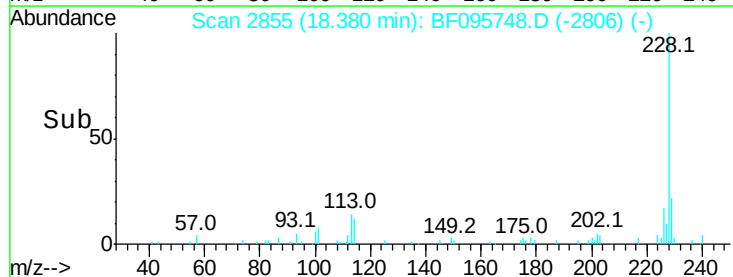
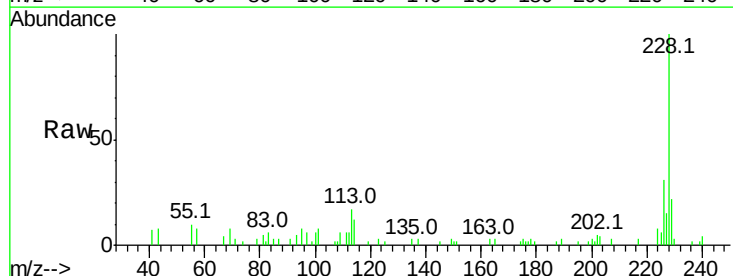
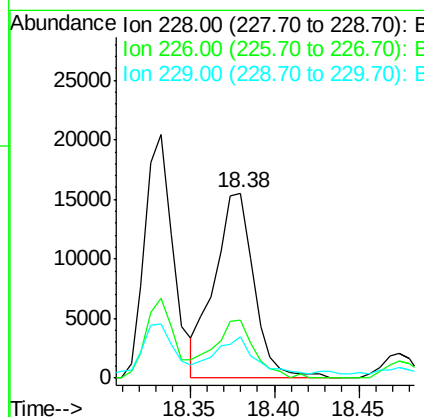
Manual Integrations
APPROVED

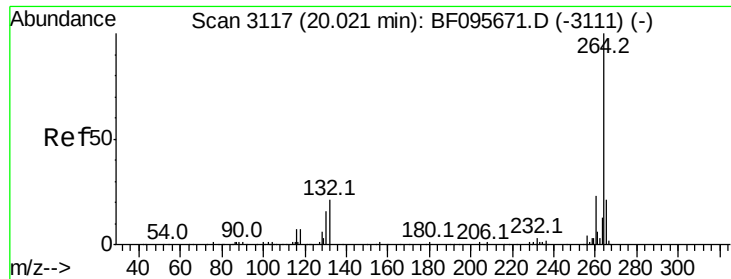
mohammad
6/8/2017 12:18:41 PM



#82
Chrysene
Concen: 2.74 ng
RT: 18.38 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BF095748.D
Acq: 7 Jun 2017 16:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	22.5	15.8	23.6





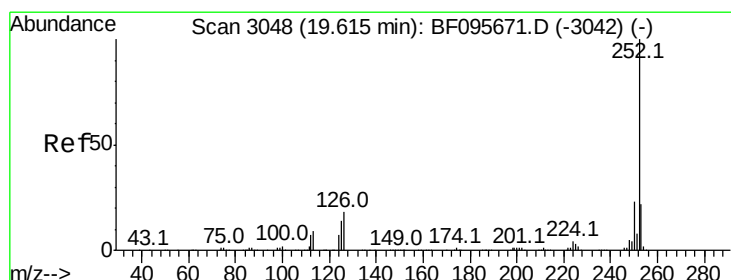
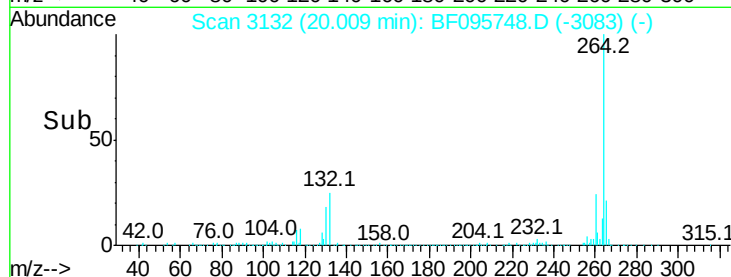
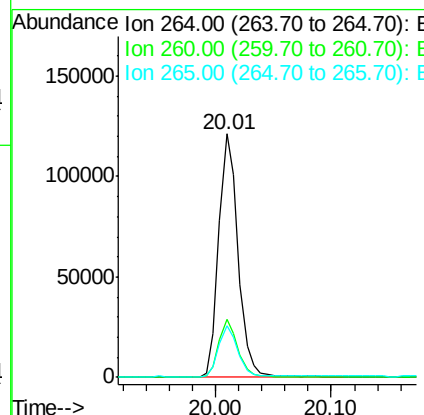
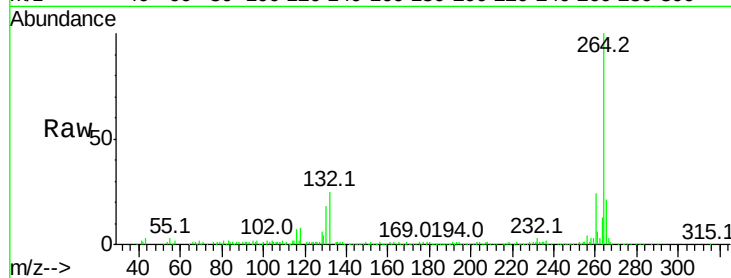
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.01 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095748.D
Acq: 7 Jun 2017 16:18

Instrument :
BNA_F
ClientSampleId :
HD-RO-20397-060517

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.0	17.2	25.8

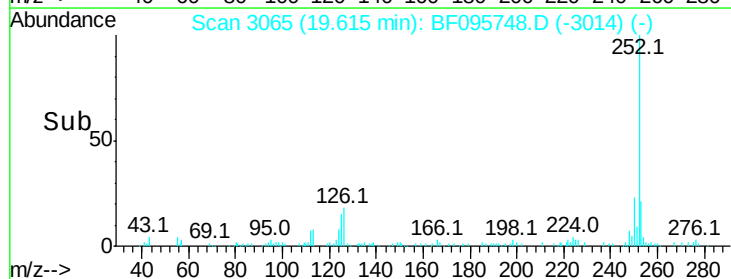
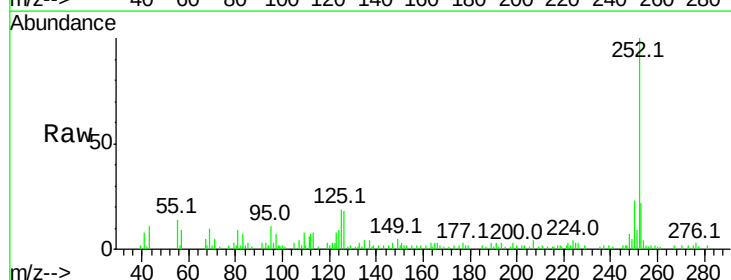
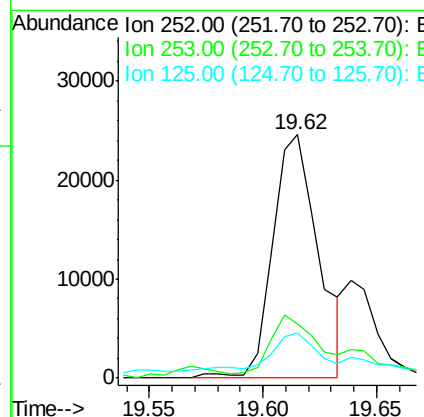
Manual Integrations
APPROVED

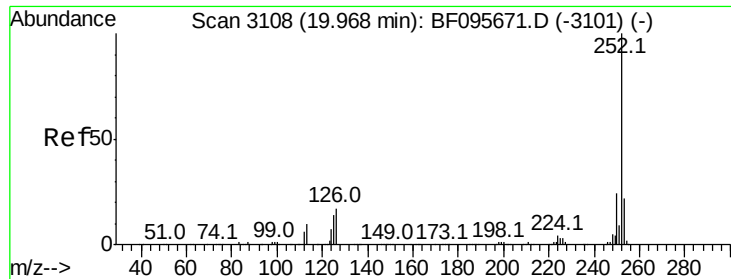
mohammad
6/8/2017 12:18:41 PM



#87
Benzo(b)fluoranthene
Concen: 3.88 ng m
RT: 19.62 min Scan# 3065
Delta R.T. -0.00 min
Lab File: BF095748.D
Acq: 7 Jun 2017 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	18.7	9.8	14.8





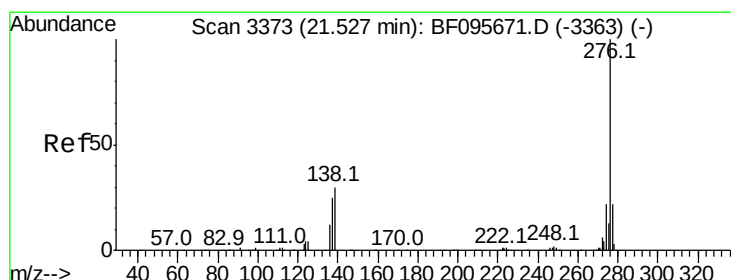
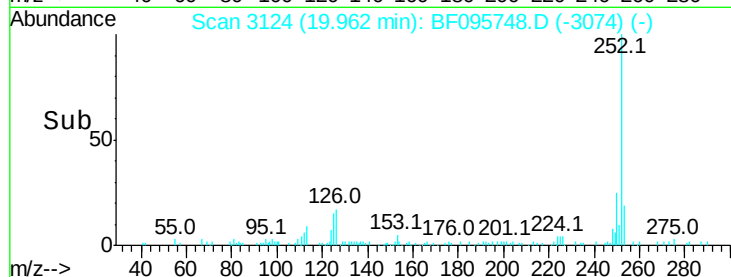
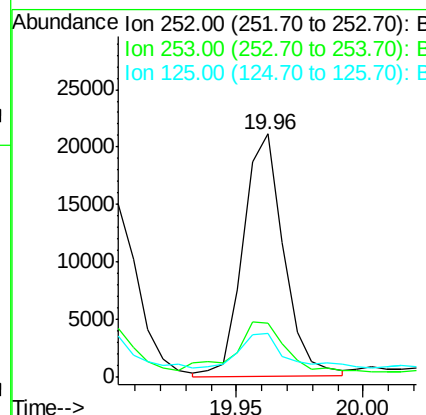
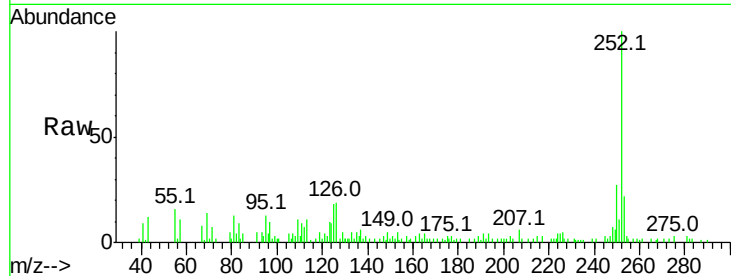
#89
Benzo(a)pyrene
Concen: 2.87 ng
RT: 19.96 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BF095748.D
Acq: 7 Jun 2017 16:18

Instrument :
BNA_F
ClientSampleId :
HD-RO-20397-060517

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	18.2	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:41 PM



#91
Benzo(g,h,i)perylene
Concen: 2.42 ng
RT: 21.53 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BF095748.D
Acq: 7 Jun 2017 16:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	41.5	25.4	38.0

