

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095906.D
 Acq On : 13 Jun 2017 21:50
 Operator : SJ/MA
 Sample : I3629-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-SP-COMP-1

Manual Integrations
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Quant Time: Jun 14 05:08:55 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	7.35	152	76808	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	297363	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	119708	20.00	ng	-0.06
63) Phenanthrene-d10	14.60	188	180955	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	154986	20.00	ng	-0.04
86) Perylene-d12	19.99	264	115434	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	481464	99.88	ng	-0.04
7) Phenol-d6	6.92	99	576753	99.95	ng	-0.04
23) Nitrobenzene-d5	8.27	82	326813	68.26	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	91096	86.01	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	560645	65.17	ng	-0.05
78) Terphenyl-d14	16.97	244	333589	53.42	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	11.86	163	63316	6.97	ng	100
70) Phenanthrene	14.64	178	37636	3.60	ng	95
74) Fluoranthene	16.42	202	53285	5.16	ng	98
77) Pyrene	16.72	202	73474	6.35	ng	97
80) Benzo(a)anthracene	18.31	228	27834m	3.09	ng	
82) Chrysene	18.35	228	34830	3.87	ng	93
87) Benzo(b)fluoranthene	19.59	252	24832m	3.44	ng	
89) Benzo(a)pyrene	19.94	252	21906	3.30	ng	# 95
91) Benzo(g,h,i)perylene	21.52	276	12702	2.21	ng	97

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

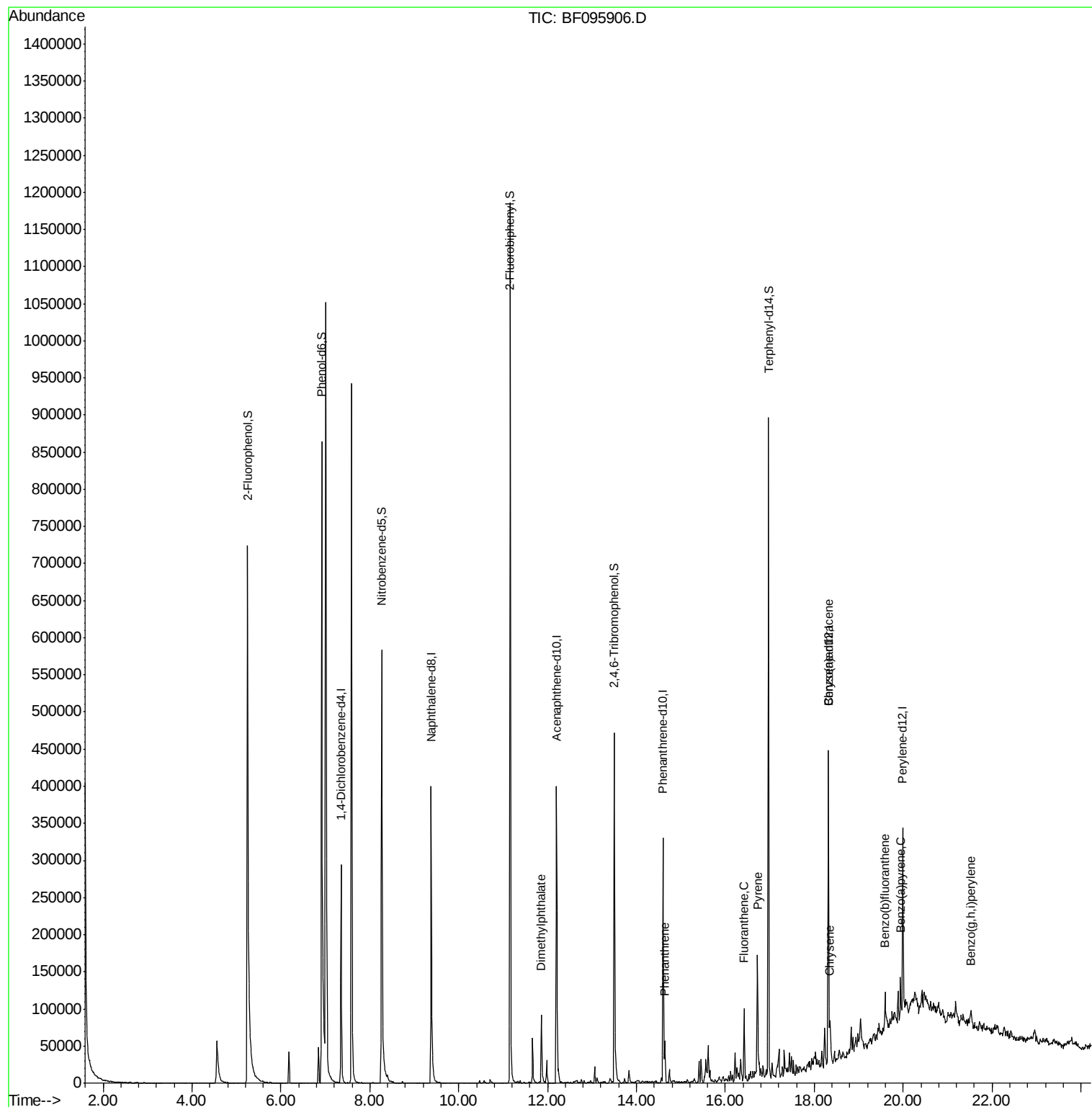
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095906.D
Acq On : 13 Jun 2017 21:50
Operator : SJ/MA
Sample : I3629-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

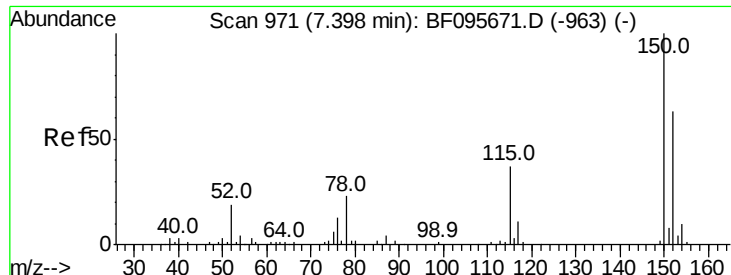
Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-SP-COMP-1

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Quant Time: Jun 14 05:08:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
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#1

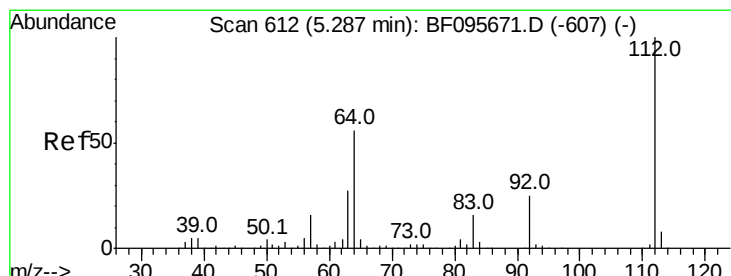
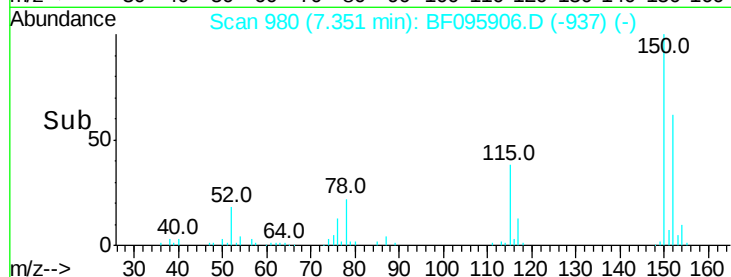
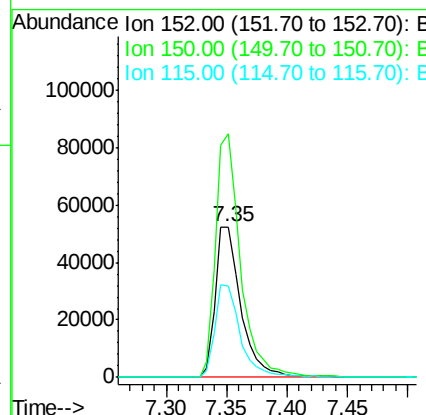
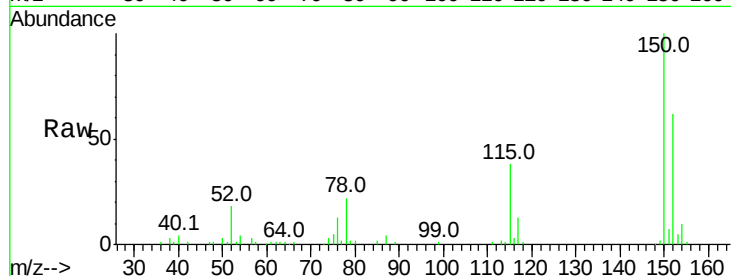
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095906.D
Acq: 13 Jun 2017 21:50

Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-SP-COMP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	126.2	189.2
115	60.7	52.2	78.2

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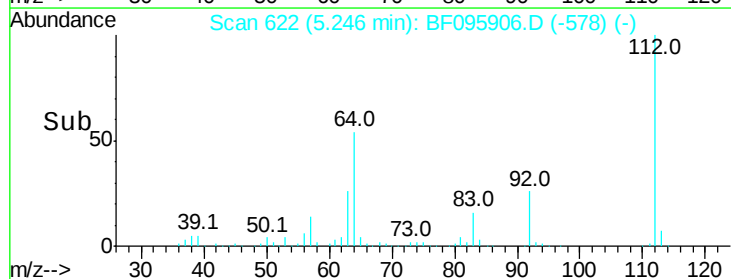
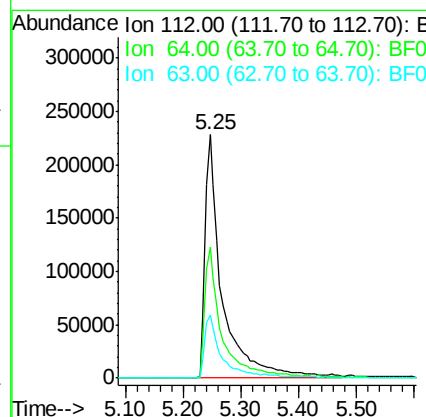
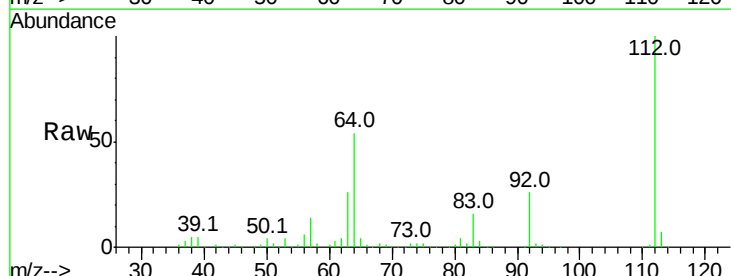
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#5

2-Fluorophenol
Concen: 99.88 ng
RT: 5.25 min Scan# 622
Delta R.T. -0.04 min
Lab File: BF095906.D
Acq: 13 Jun 2017 21:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	46.0	69.0
63	26.0	23.4	35.0





#7

Phenol-d6

Concen: 99.95 ng

RT: 6.92 min Scan# 906

Delta R.T. -0.04 min

Lab File: BF095906.D

Acq: 13 Jun 2017 21:50

Instrument :

BNA_F

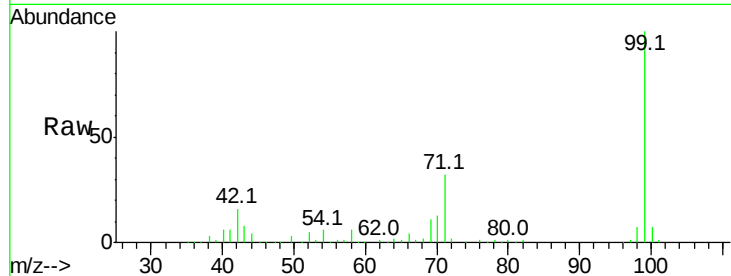
ClientSampleId :

CLINTON-AVE-SP-COMP-1

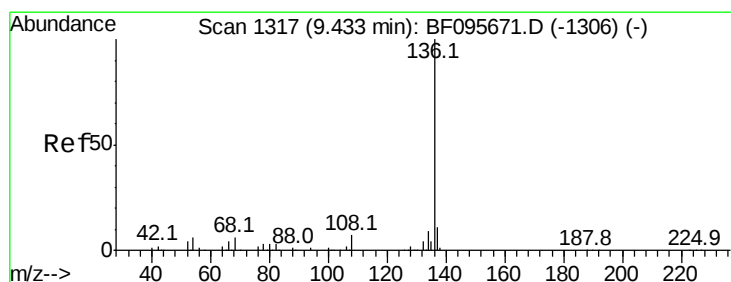
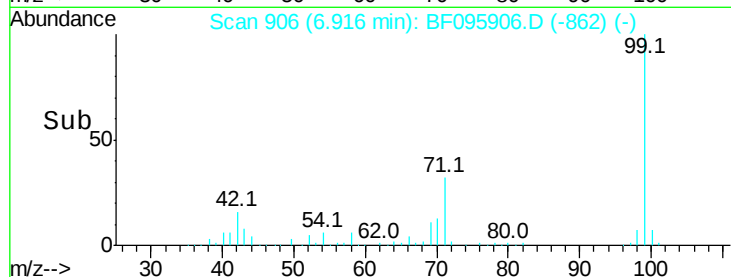
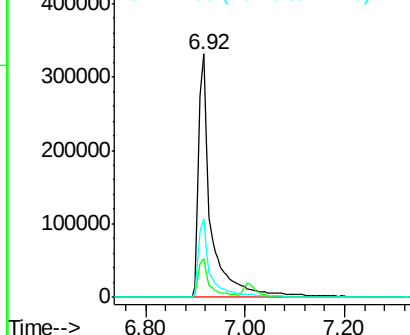
Tot Ion:	99	Resp:	576753
Ion Ratio	Lower	Upper	
99	100		
42	15.8	13.5	20.3
71	32.1	24.5	36.7

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.38 min Scan# 1325

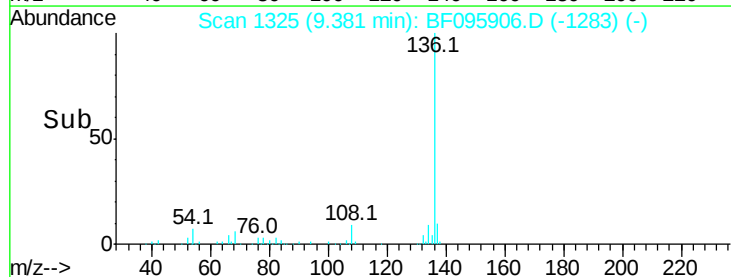
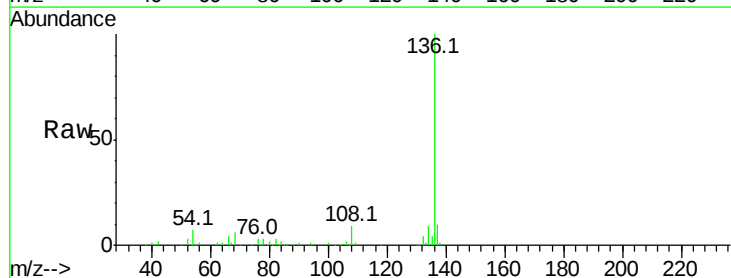
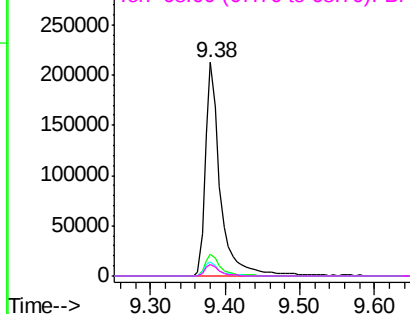
Delta R.T. -0.05 min

Lab File: BF095906.D

Acq: 13 Jun 2017 21:50

Tgt Ion:	136	Resp:	297363
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.5	12.7
54	6.9	4.9	7.3
68	5.5	4.1	6.1

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





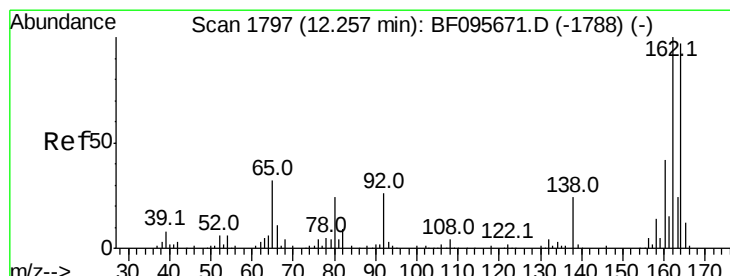
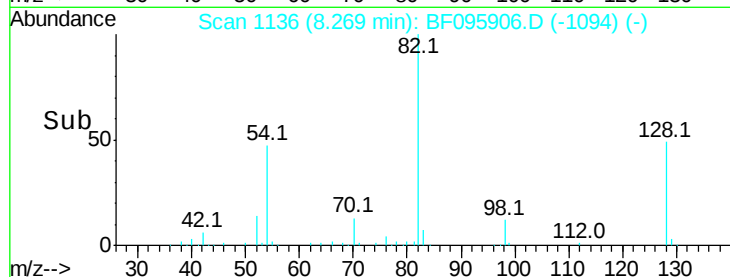
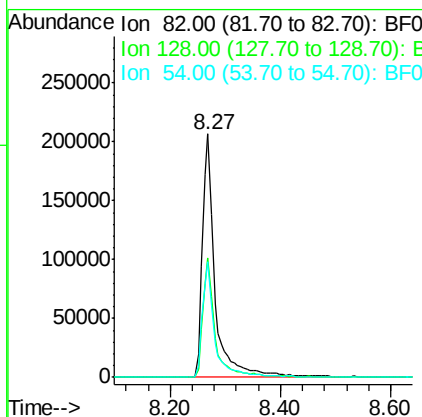
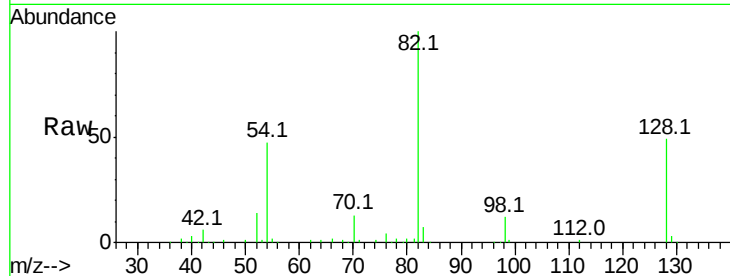
#23
Nitrobenzene-d5
Concen: 68.26 ng
RT: 8.27 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BF095906.D
Acq: 13 Jun 2017 21:50

Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-SP-COMP-1

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.8	34.0	51.0	
54	47.4	42.2	63.2	

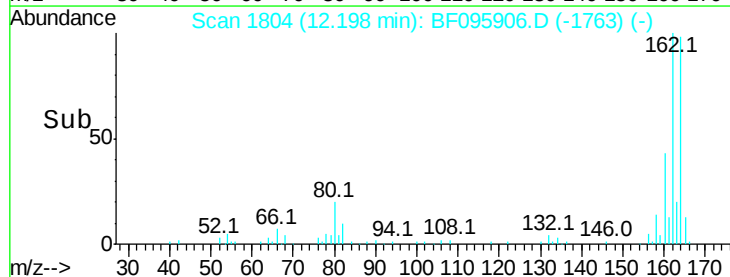
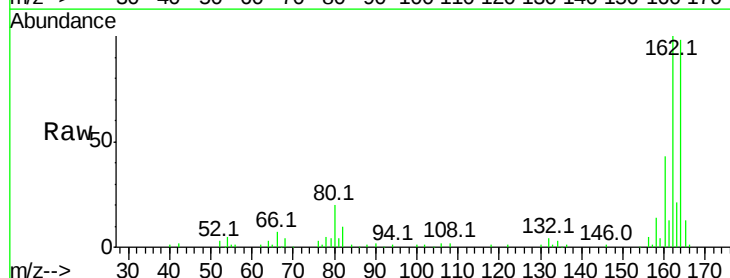
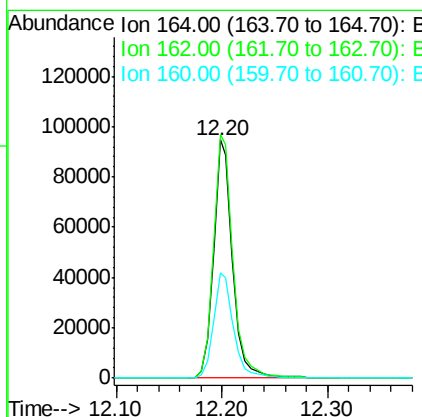
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1804
Delta R.T. -0.06 min
Lab File: BF095906.D
Acq: 13 Jun 2017 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.3	82.6	123.8	
160	44.3	36.2	54.2	





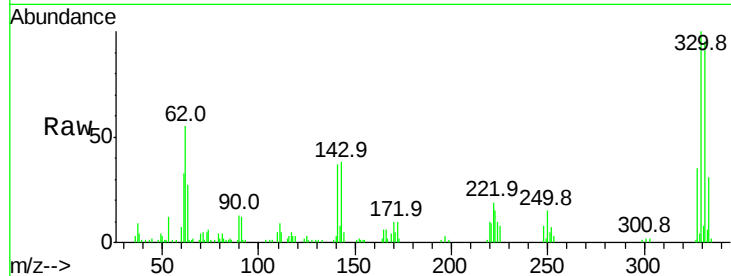
#41
2,4,6-Tribromophenol
Concen: 86.01 ng
RT: 13.50 min Scan# 2025
Delta R.T. -0.05 min
Lab File: BF095906.D
Acq: 13 Jun 2017 21:50

Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-SP-COMP-1

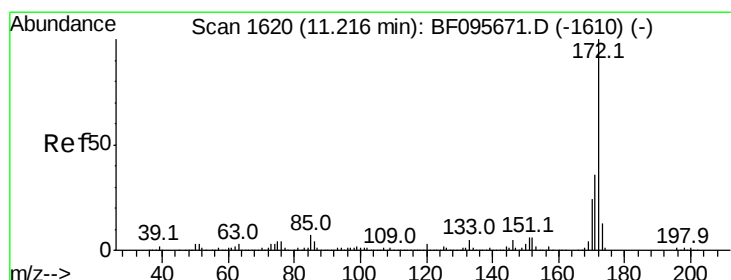
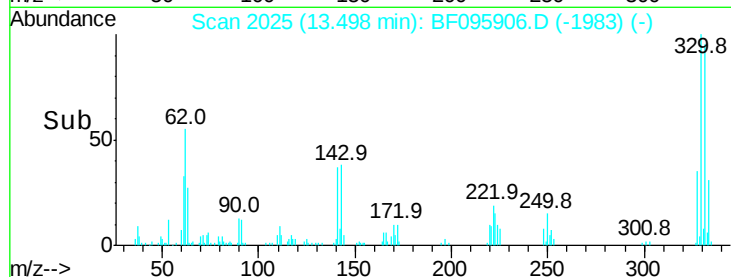
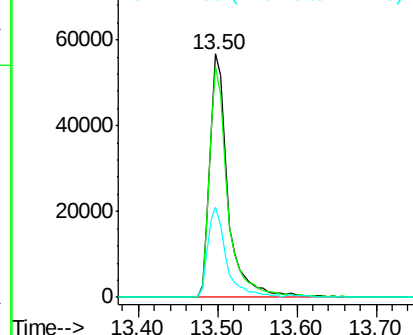
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.9	76.6	115.0	
141	37.6	31.4	47.2	

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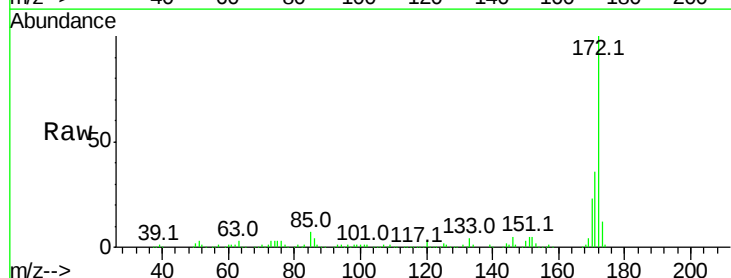


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

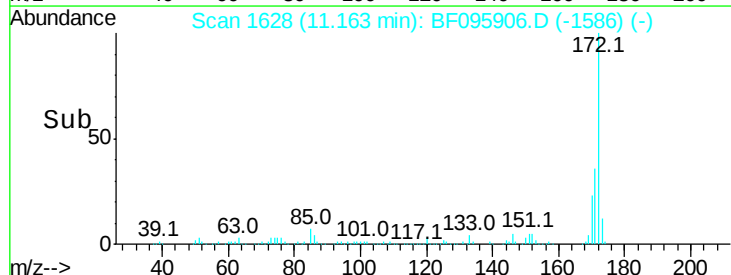
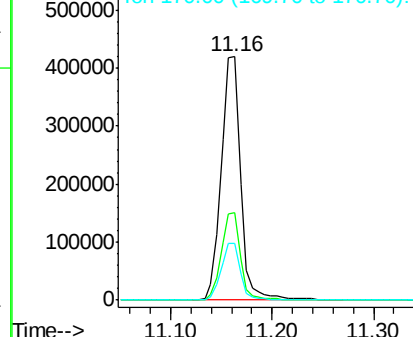


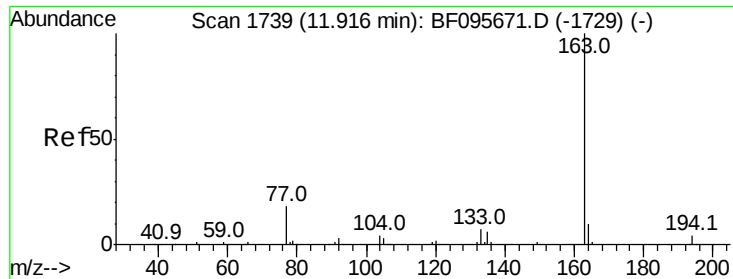
#44
2-Fluorobiphenyl
Concen: 65.17 ng
RT: 11.16 min Scan# 1628
Delta R.T. -0.05 min
Lab File: BF095906.D
Acq: 13 Jun 2017 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	29.6	44.4	
170	23.2	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





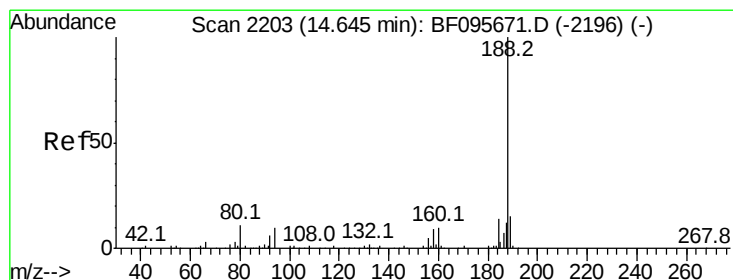
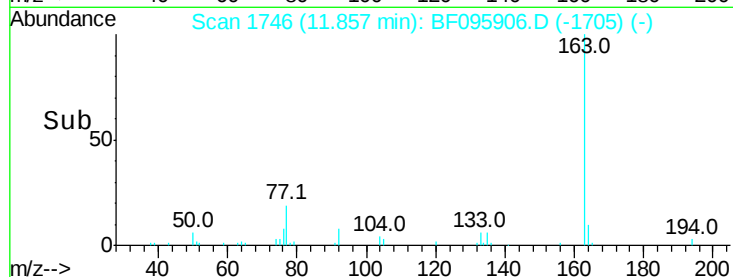
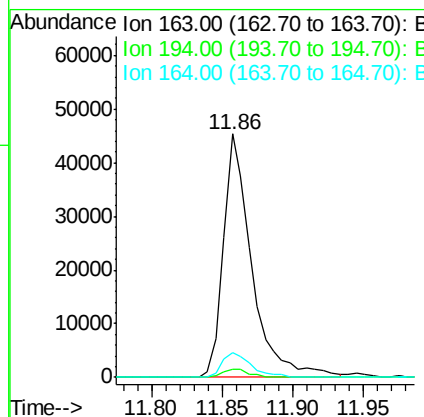
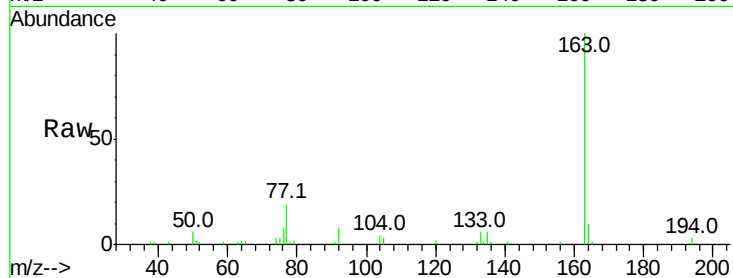
#49
Dimethylphthalate
Concen: 6.97 ng
RT: 11.86 min Scan# 1746
Delta R.T. -0.06 min
Lab File: BF095906.D
Acq: 13 Jun 2017 21:50

Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-SP-COMP-1

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.4	8.4	12.6

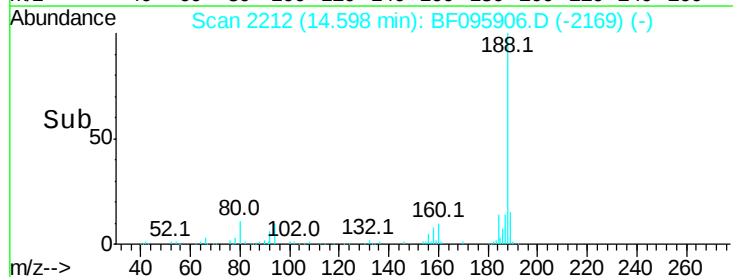
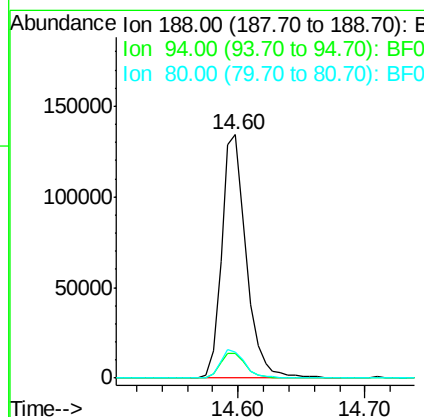
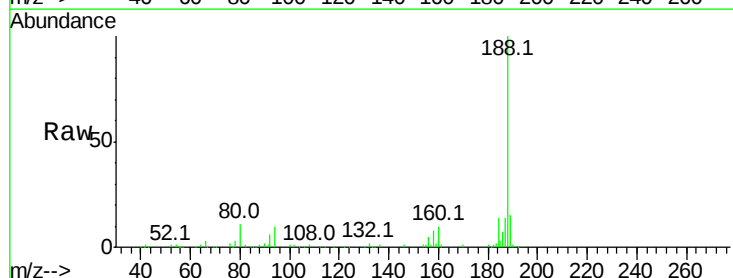
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095906.D
Acq: 13 Jun 2017 21:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.7	10.2	15.2





#70

Phenanthrene

Concen: 3.60 ng

RT: 14.64 min Scan# 2219

Delta R.T. -0.05 min

Lab File: BF095906.D

Acq: 13 Jun 2017 21:50

Instrument :

BNA_F

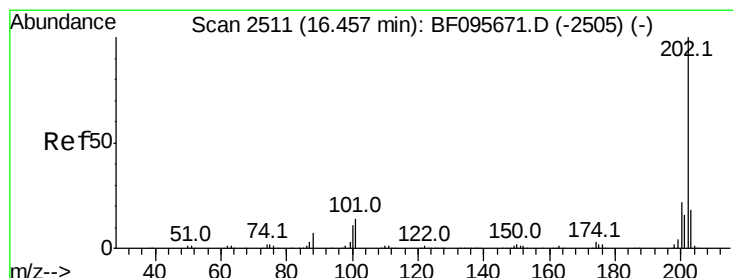
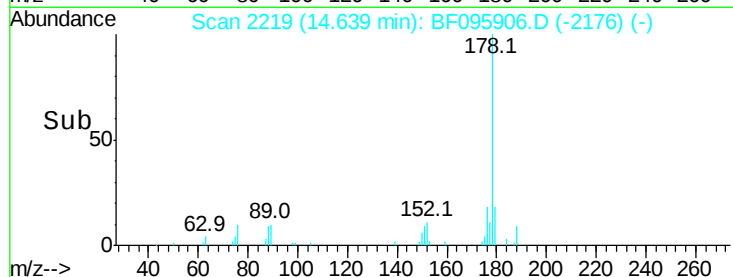
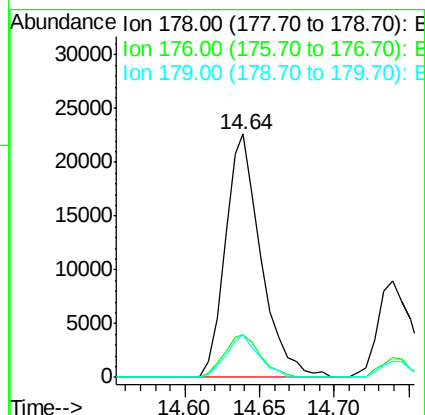
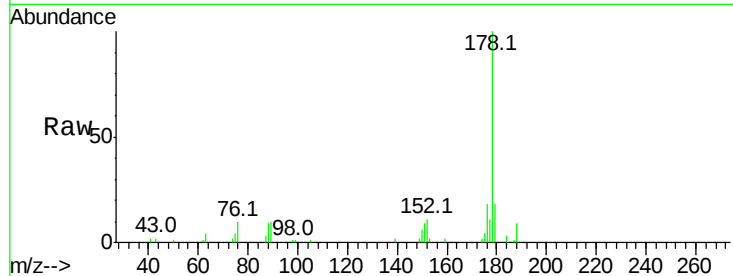
ClientSampleId :

CLINTON-AVE-SP-COMP-1

Tot Ion:	178	Resp:	37636
Ion Ratio	Lower	Upper	
178	100		
176	17.5	16.2	24.4
179	17.5	12.6	19.0

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#74

Fluoranthene

Concen: 5.16 ng

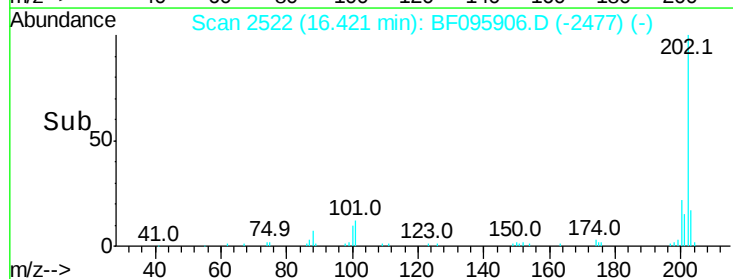
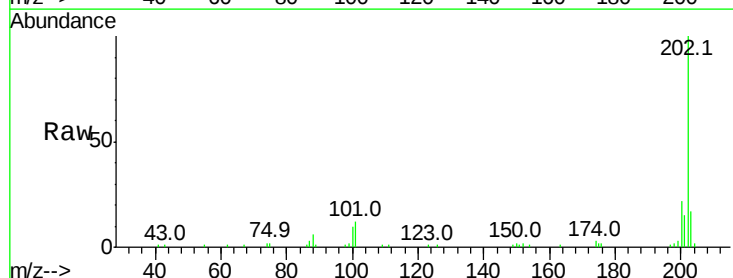
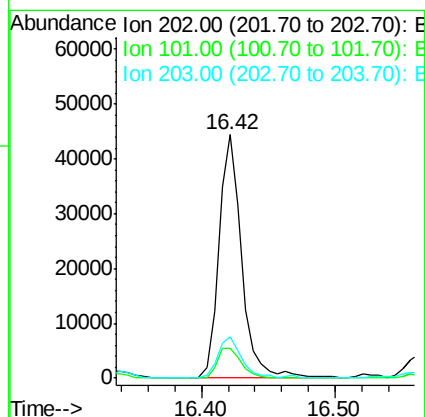
RT: 16.42 min Scan# 2522

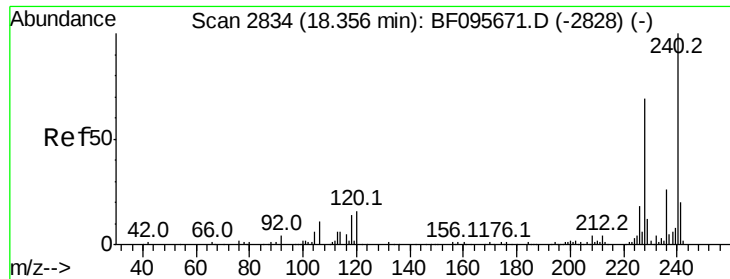
Delta R.T. -0.04 min

Lab File: BF095906.D

Acq: 13 Jun 2017 21:50

Tgt Ion:	202	Resp:	53285
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	33.2
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.32 min Scan# 2844

Delta R.T. -0.04 min

Lab File: BF095906.D

Acq: 13 Jun 2017 21:50

Instrument :

BNA_F

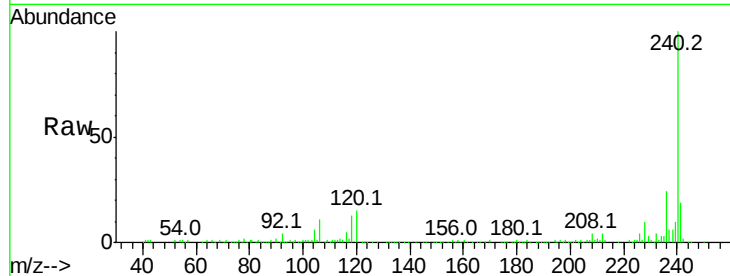
ClientSampleId :

CLINTON-AVE-SP-COMP-1

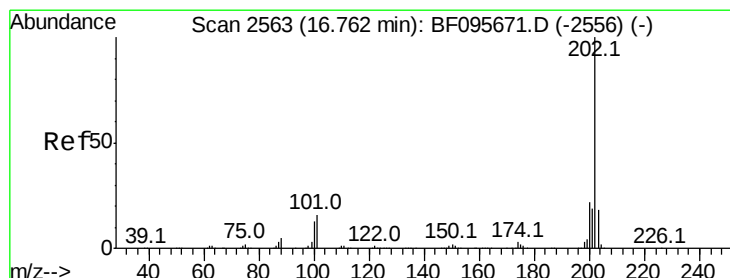
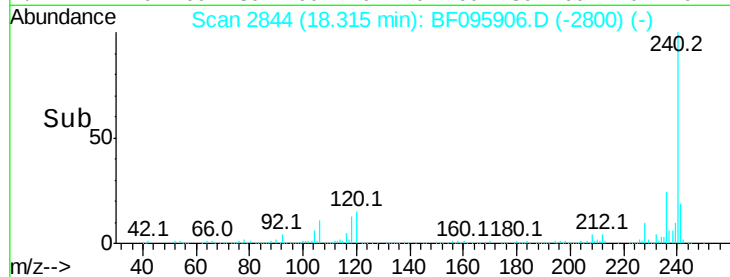
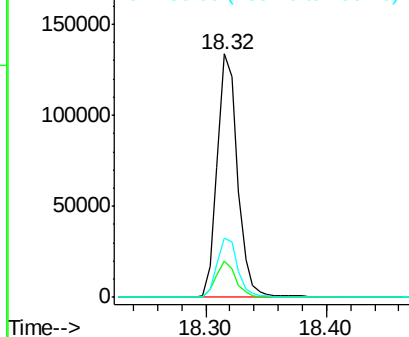
Tot Ion:240 Resp: 154986
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 24.3 20.5 30.7

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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: 6.35 ng

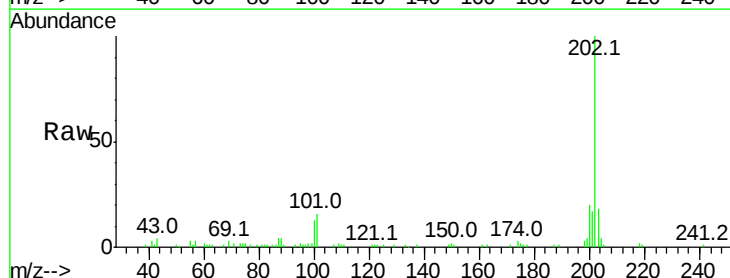
RT: 16.72 min Scan# 2573

Delta R.T. -0.04 min

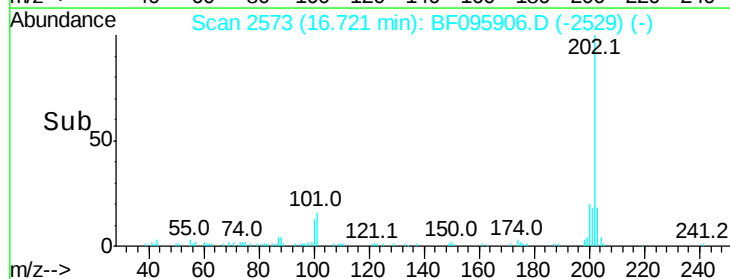
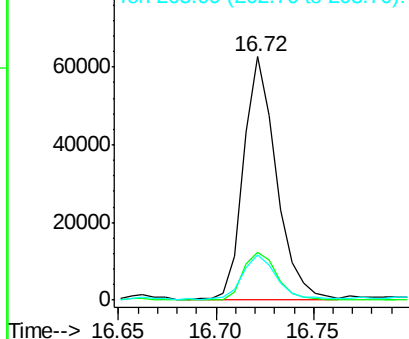
Lab File: BF095906.D

Acq: 13 Jun 2017 21:50

Tgt Ion:202 Resp: 73474
 Ion Ratio Lower Upper
 202 100
 200 19.8 17.6 26.4
 203 18.5 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





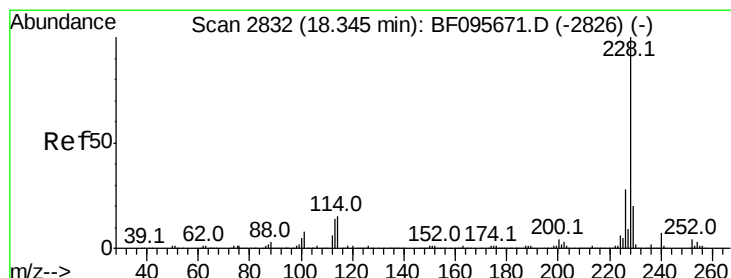
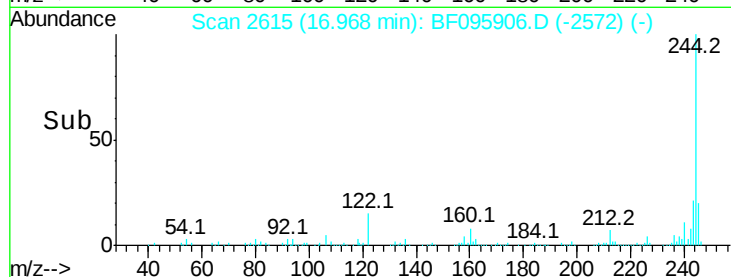
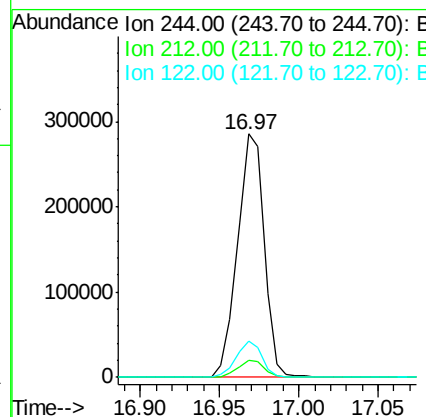
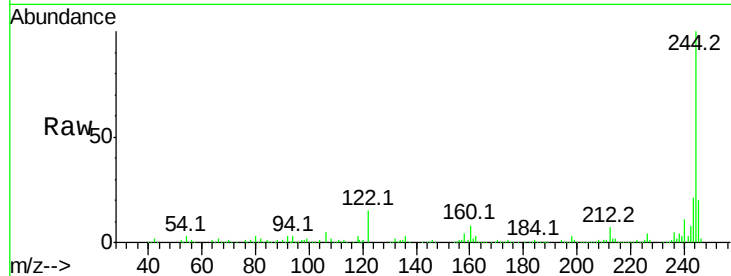
#78
 Terphenyl-d14
 Concen: 53.42 ng
 RT: 16.97 min Scan# 2615
 Delta R.T. -0.05 min
 Lab File: BF095906.D
 Acq: 13 Jun 2017 21:50

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-SP-COMP-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.8	10.3	15.5

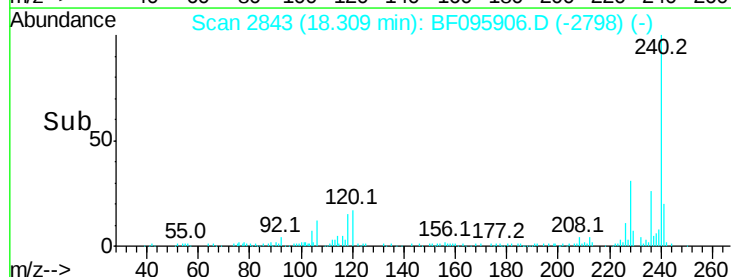
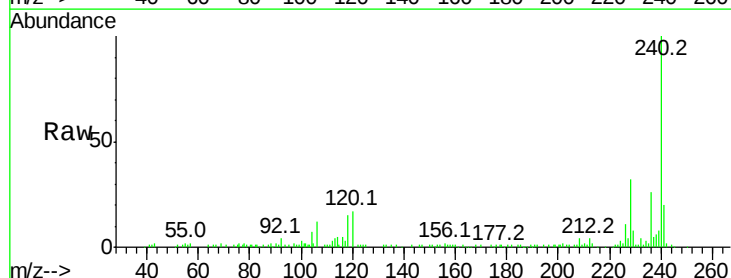
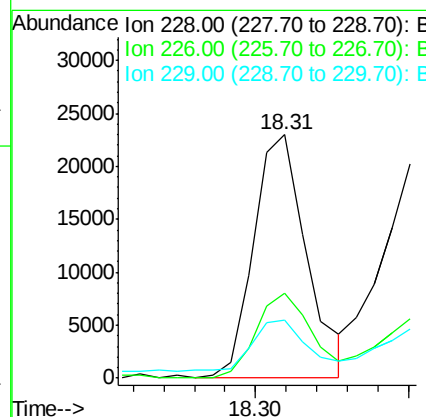
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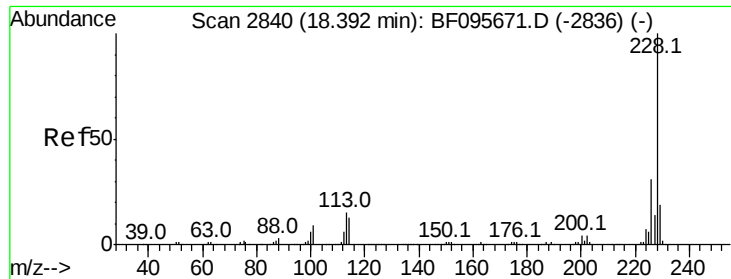
mohammad
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#80
 Benzo(a)anthracene
 Concen: 3.09 ng m
 RT: 18.31 min Scan# 2843
 Delta R.T. -0.04 min
 Lab File: BF095906.D
 Acq: 13 Jun 2017 21:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.0	22.6	33.8#
229	24.1	16.3	24.5





#82

Chrysene

Concen: 3.87 ng

RT: 18.35 min Scan# 2850

Delta R.T. -0.04 min

Lab File: BF095906.D

Acq: 13 Jun 2017 21:50

Instrument :

BNA_F

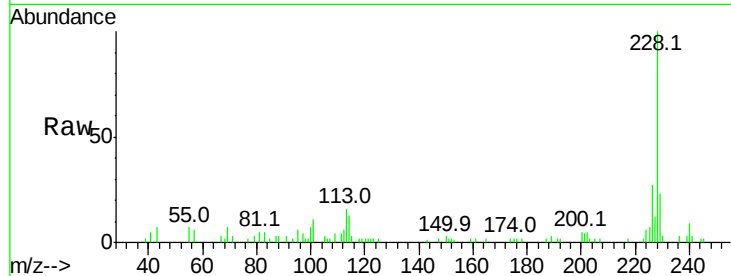
ClientSampleId :

CLINTON-AVE-SP-COMP-1

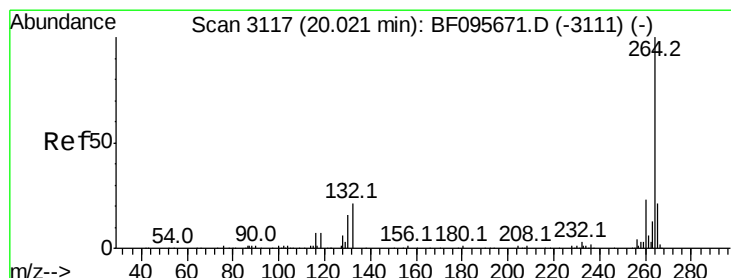
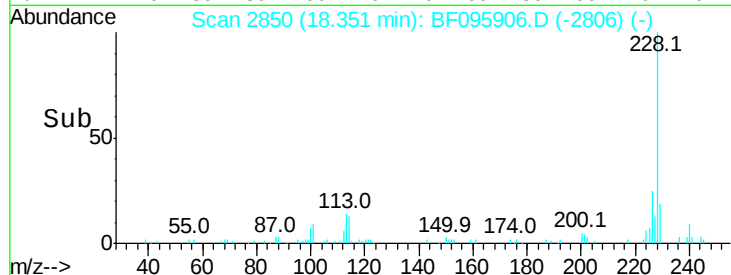
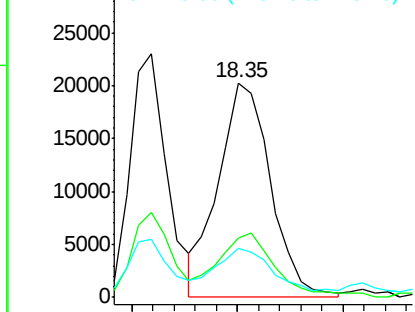
Tot Ion:	228	Resp:	34830
Ion Ratio	Lower	Upper	
228	100		
226	27.4	24.9	37.3
229	23.0	15.8	23.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 19.99 min Scan# 3129

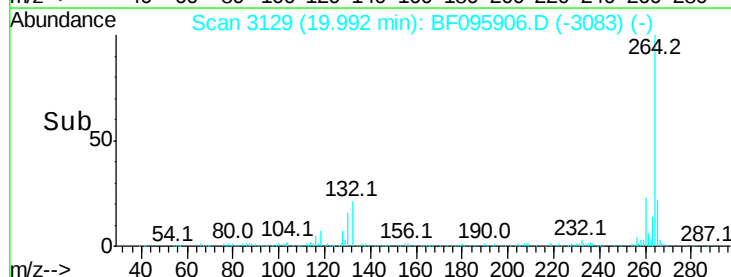
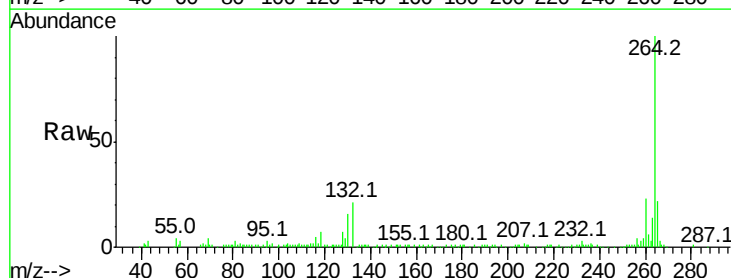
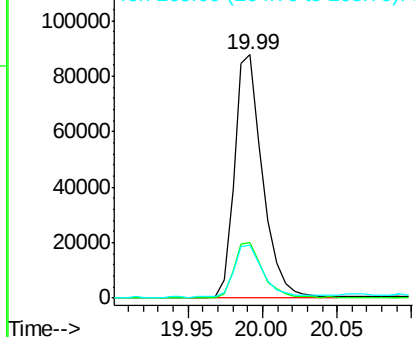
Delta R.T. -0.03 min

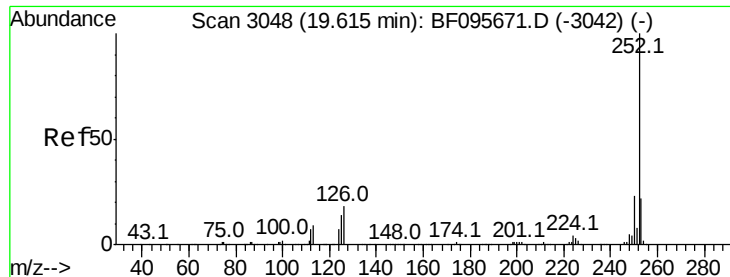
Lab File: BF095906.D

Acq: 13 Jun 2017 21:50

Tgt Ion:	264	Resp:	115434
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.5	29.3
265	21.7	17.2	25.8

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





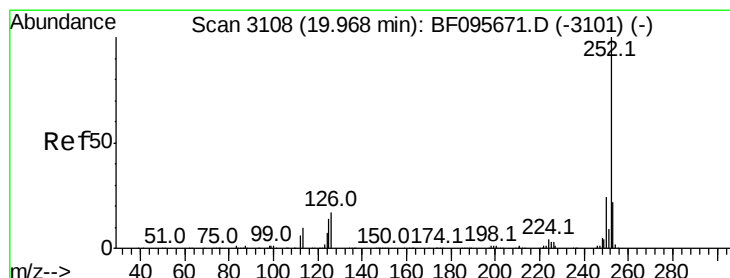
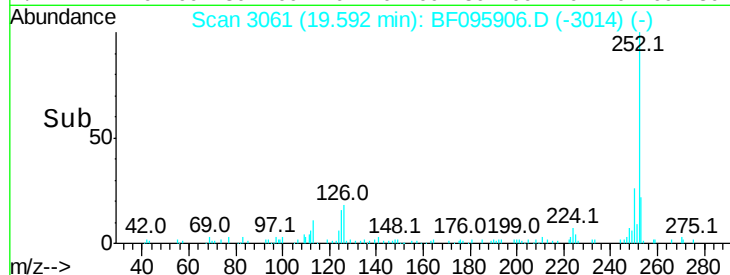
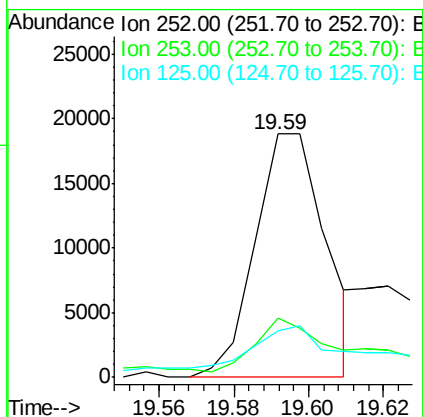
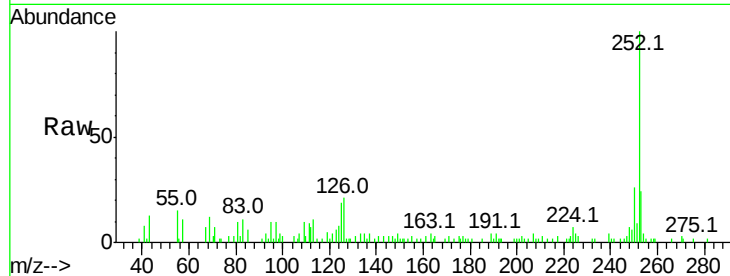
#87
Benzo(b)fluoranthene
Concen: 3.44 ng m
RT: 19.59 min Scan# 3061
Delta R.T. -0.02 min
Lab File: BF095906.D
Acq: 13 Jun 2017 21:50

Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-SP-COMP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	19.1	9.8	14.8

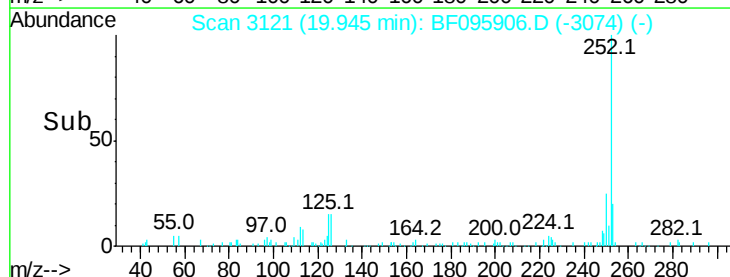
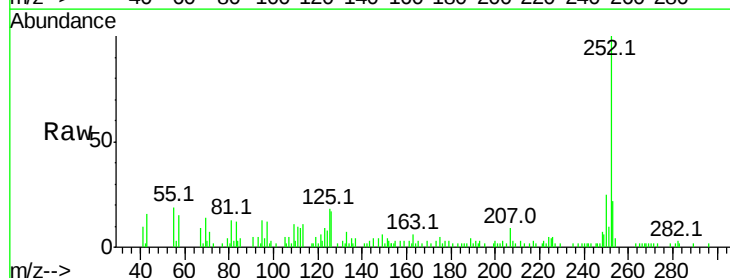
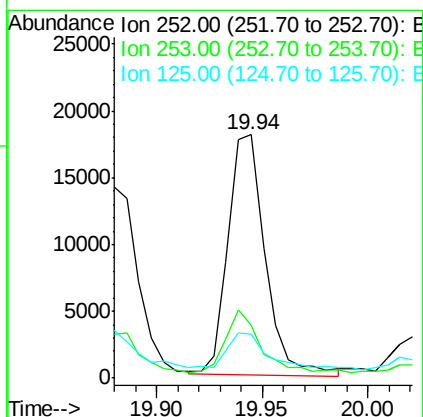
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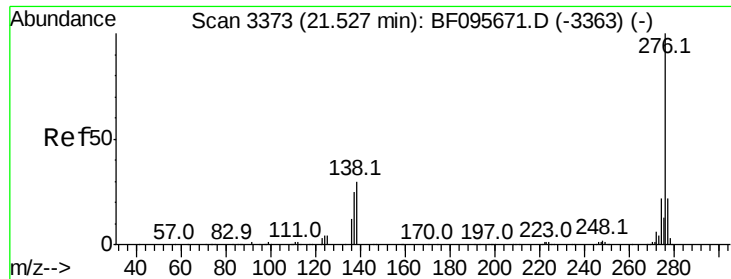
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#89
Benzo(a)pyrene
Concen: 3.30 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095906.D
Acq: 13 Jun 2017 21:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	18.1	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.21 ng
 RT: 21.52 min Scan# 3388
 Delta R.T. -0.01 min
 Lab File: BF095906.D
 Acq: 13 Jun 2017 21:50

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-SP-COMP-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.6	28.0
138	32.9	25.4	38.0

Manual Integrations
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