

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095907.D
 Acq On : 13 Jun 2017 22:23
 Operator : SJ/MA
 Sample : I3629-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-SP-COMP-2

Manual Integrations
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 6/14/2017 4:24:49 PM

Quant Time: Jun 14 05:15:53 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	74445	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	290037	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	118286	20.00	ng	-0.06
63) Phenanthrene-d10	14.60	188	177970	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	152329	20.00	ng	-0.04
86) Perylene-d12	19.99	264	117840	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	485859	104.00	ng	-0.04
7) Phenol-d6	6.92	99	586058	104.78	ng	-0.04
23) Nitrobenzene-d5	8.27	82	322786	69.12	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	93624	89.46	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	612463	72.05	ng	-0.05
78) Terphenyl-d14	16.97	244	399329	65.06	ng	-0.04
Target Compounds						
49) Dimethylphthalate	11.86	163	70970	7.90	ng	99
70) Phenanthrene	14.64	178	23647	2.30	ng	97
74) Fluoranthene	16.42	202	26604	2.62	ng	99
77) Pyrene	16.73	202	36829	3.24	ng	98
82) Chrysene	18.36	228	18057	2.04	ng	98

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

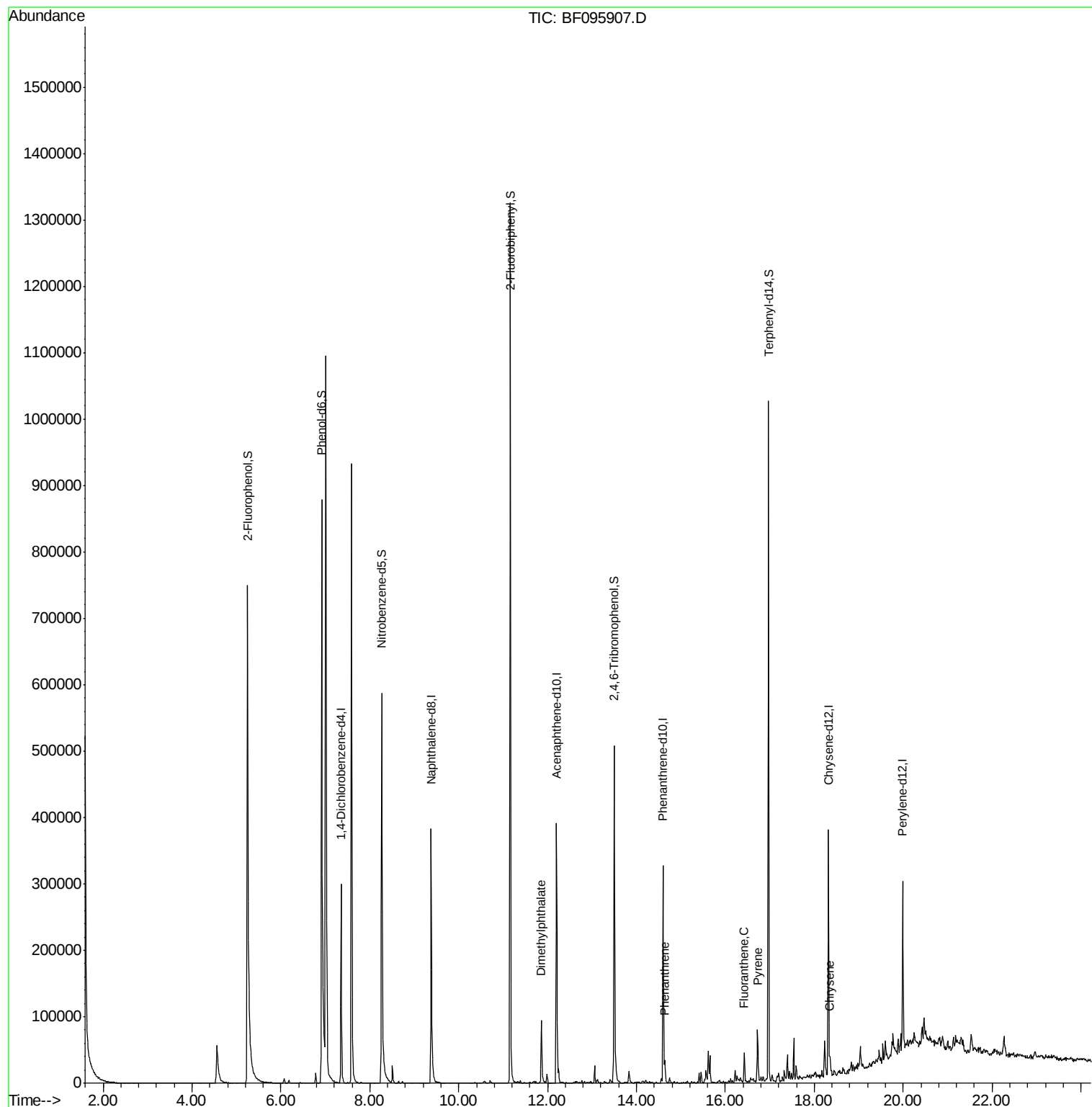
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095907.D
Acq On : 13 Jun 2017 22:23
Operator : SJ/MA
Sample : I3629-05
Misc :
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Instrument :
BNA_F
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CLINTON-AVE-SP-COMP-2

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#1

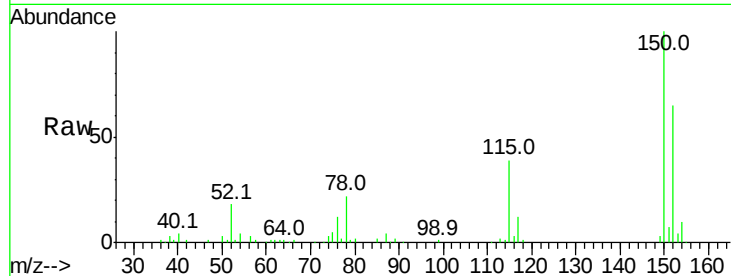
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095907.D
Acq: 13 Jun 2017 22:23

Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-SP-COMP-2

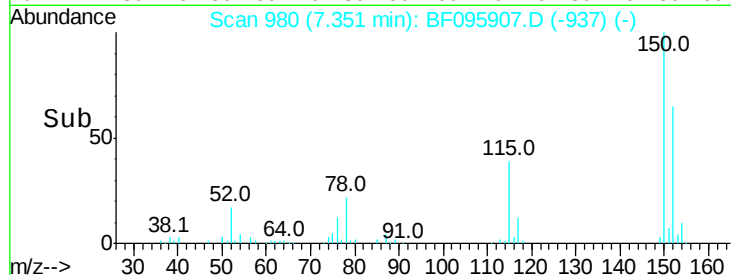
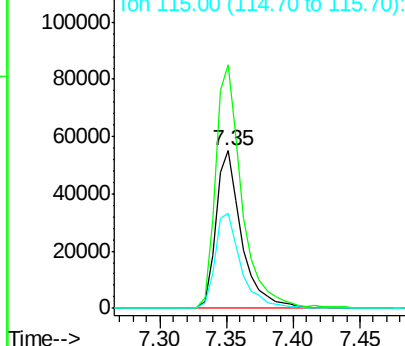
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.2	189.2
115	60.2	52.2	78.2

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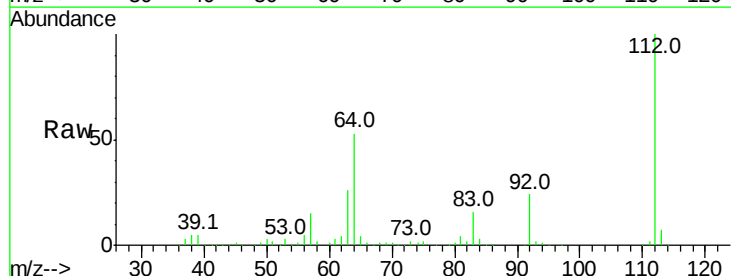
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



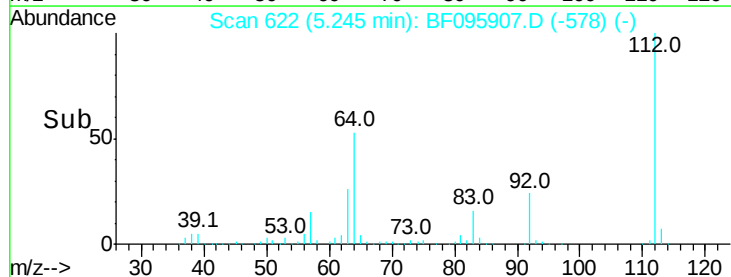
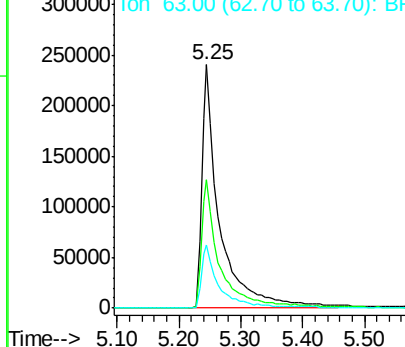
#5

2-Fluorophenol
Concen: 104.00 ng
RT: 5.25 min Scan# 622
Delta R.T. -0.04 min
Lab File: BF095907.D
Acq: 13 Jun 2017 22:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	46.0	69.0
63	25.8	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: 104.78 ng

RT: 6.92 min Scan# 906

Delta R.T. -0.04 min

Lab File: BF095907.D

Acq: 13 Jun 2017 22:23

Instrument :

BNA_F

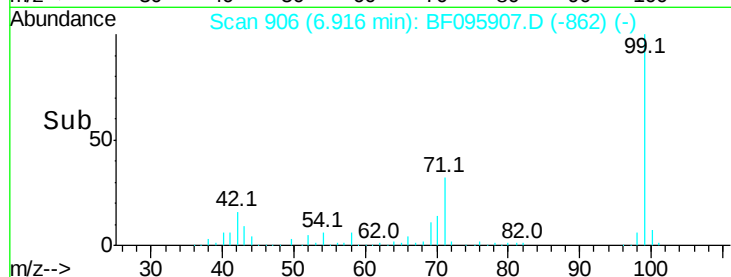
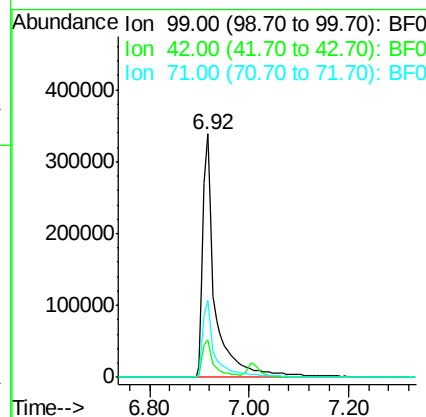
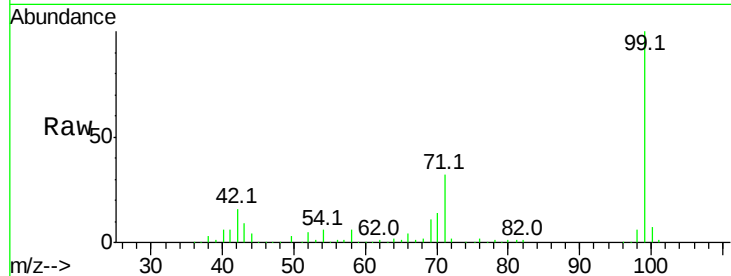
ClientSampleId :

CLINTON-AVE-SP-COMP-2

Tot Ion	Ratio	Resp	Lower	Upper
99	100	586058		
42	15.6		13.5	20.3
71	31.9		24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

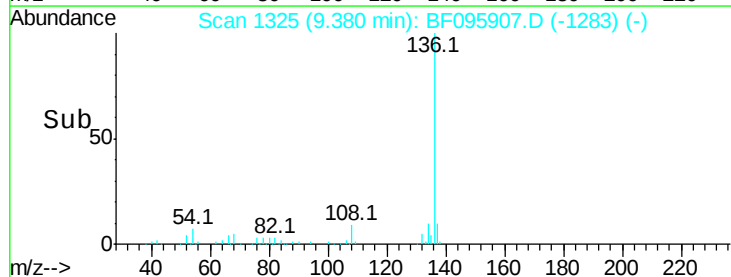
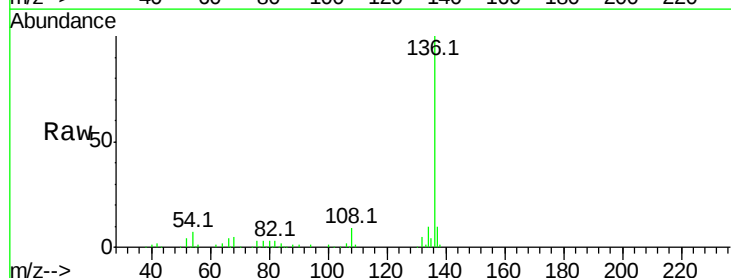
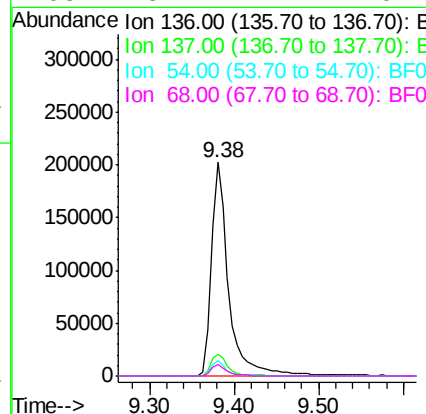
RT: 9.38 min Scan# 1325

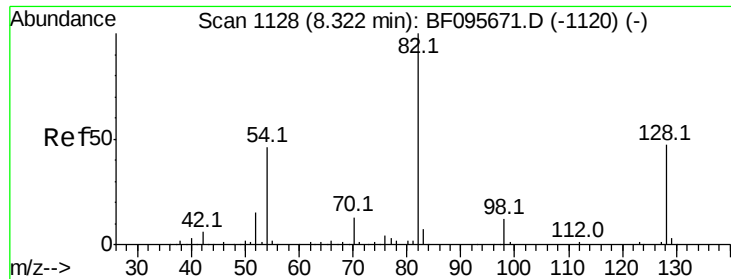
Delta R.T. -0.05 min

Lab File: BF095907.D

Acq: 13 Jun 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	290037		
137	10.4		8.5	12.7
54	7.1		4.9	7.3
68	5.4		4.1	6.1





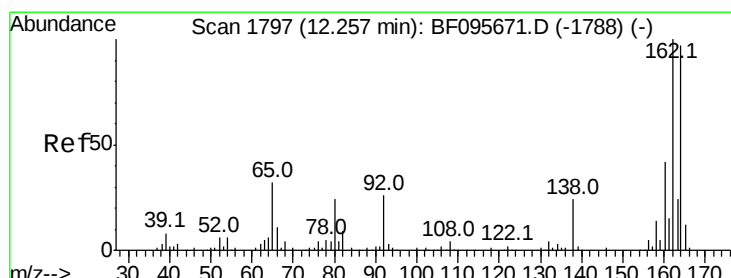
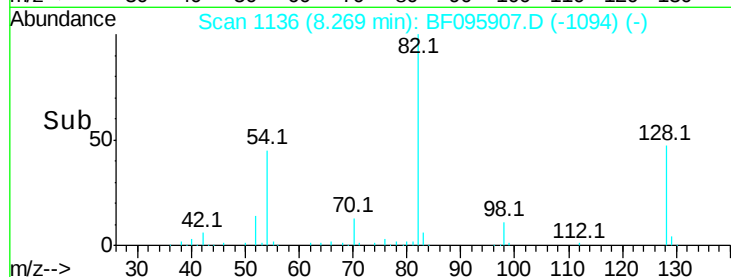
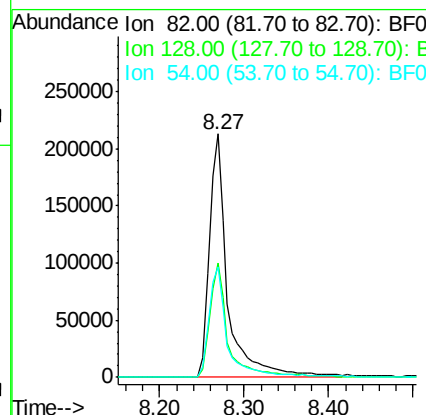
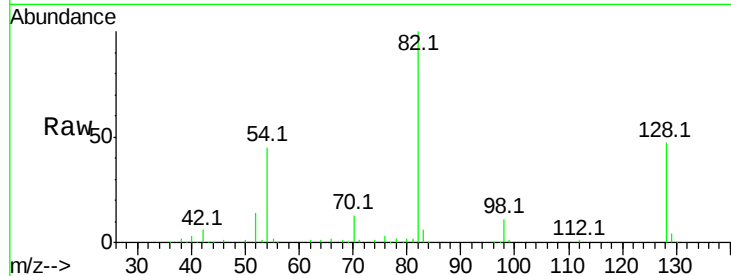
#23
Nitrobenzene-d5
Concen: 69.12 ng
RT: 8.27 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BF095907.D
Acq: 13 Jun 2017 22:23

Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-SP-COMP-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	45.5	42.2	63.2

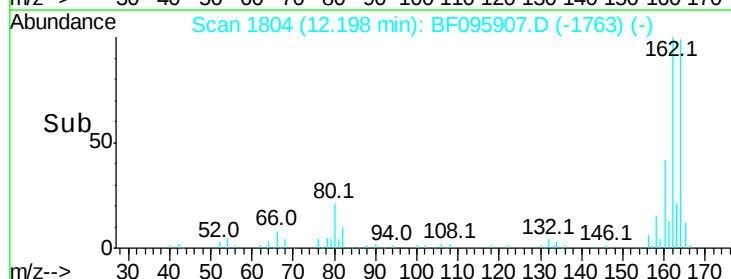
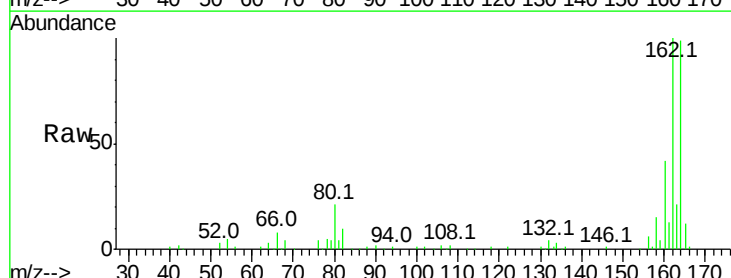
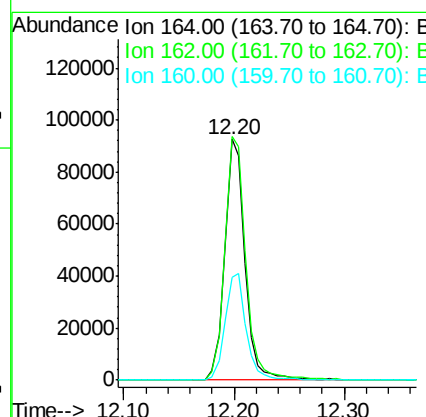
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1804
Delta R.T. -0.06 min
Lab File: BF095907.D
Acq: 13 Jun 2017 22:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	42.8	36.2	54.2





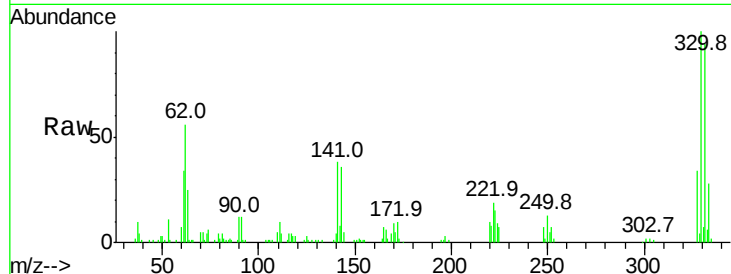
#41
 2,4,6-Tribromophenol
 Concen: 89.46 ng
 RT: 13.50 min Scan# 2025
 Delta R.T. -0.05 min
 Lab File: BF095907.D
 Acq: 13 Jun 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-SP-COMP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	38.9	31.4	47.2

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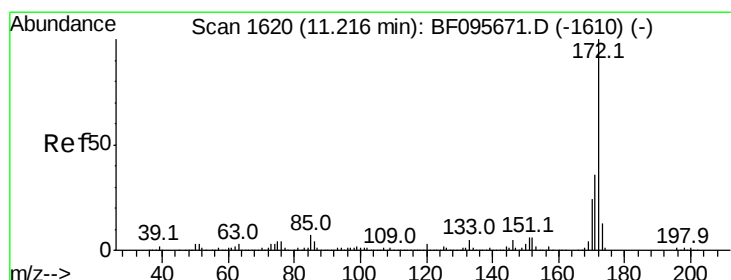
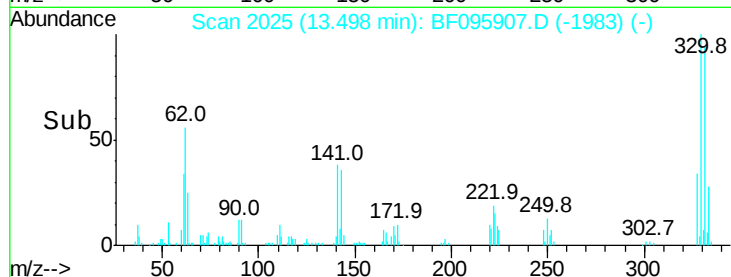
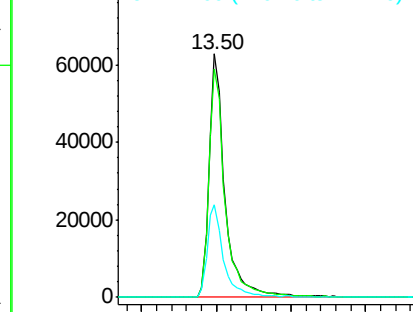


Abundance

Ion 329.80 (329.50 to 330.50): E

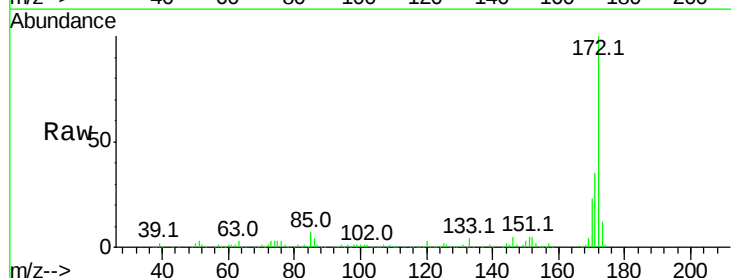
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.05 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095907.D
 Acq: 13 Jun 2017 22:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.3	19.8	29.8

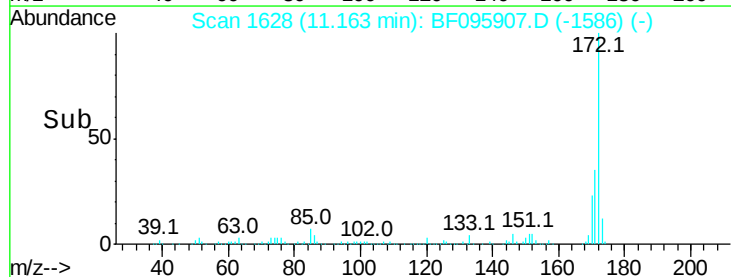
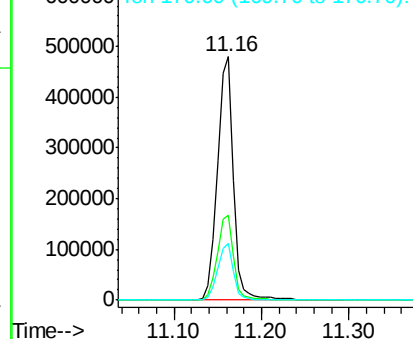


Abundance

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





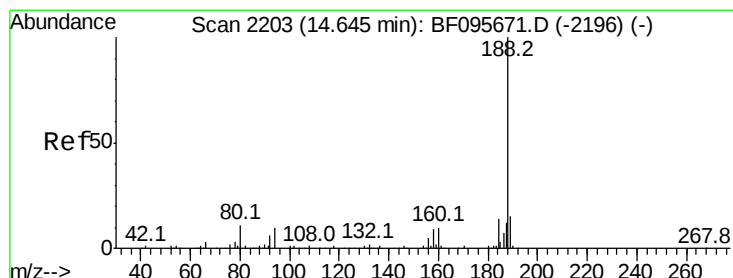
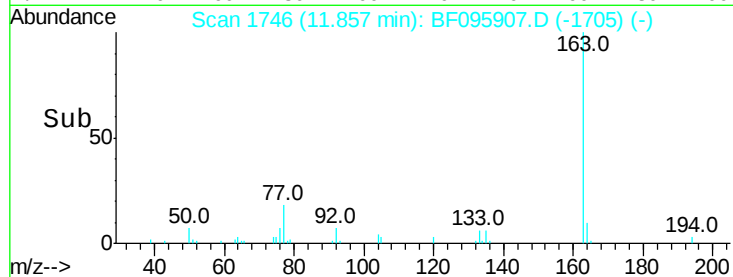
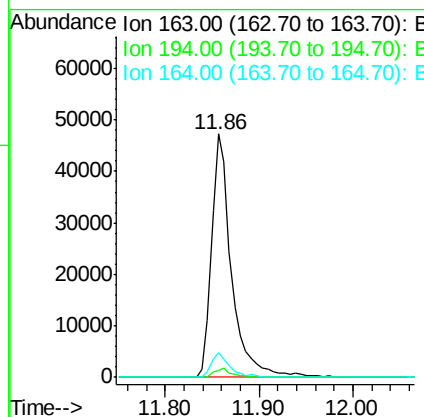
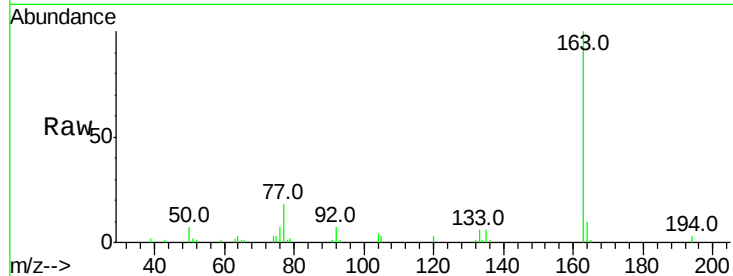
#49
Dimethylphthalate
Concen: 7.90 ng
RT: 11.86 min Scan# 1746
Delta R.T. -0.06 min
Lab File: BF095907.D
Acq: 13 Jun 2017 22:23

Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-SP-COMP-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.3	8.4	12.6

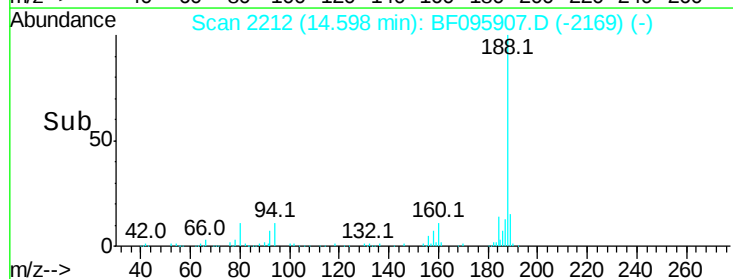
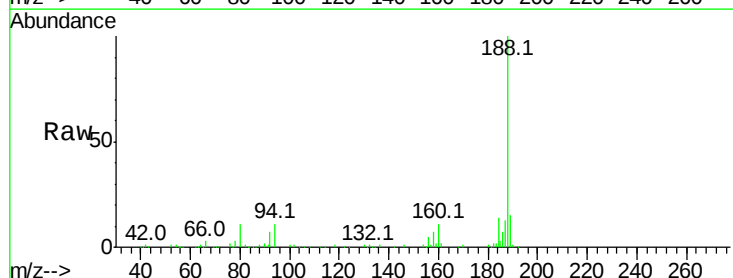
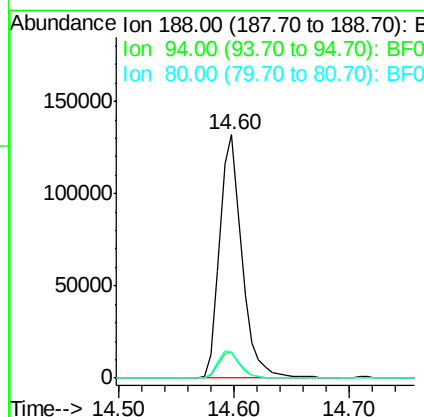
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095907.D
Acq: 13 Jun 2017 22:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	10.7	10.2	15.2





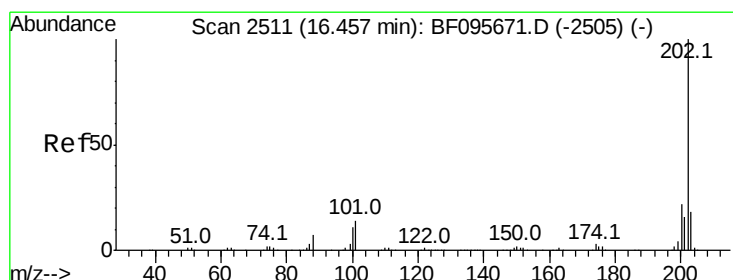
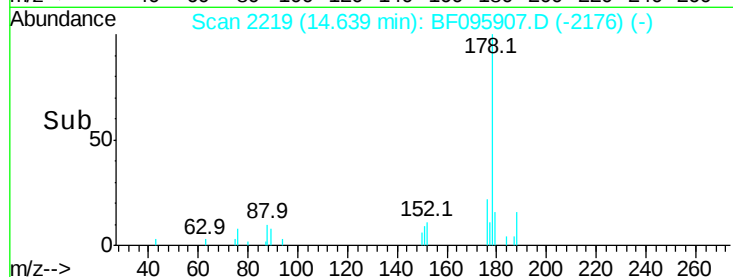
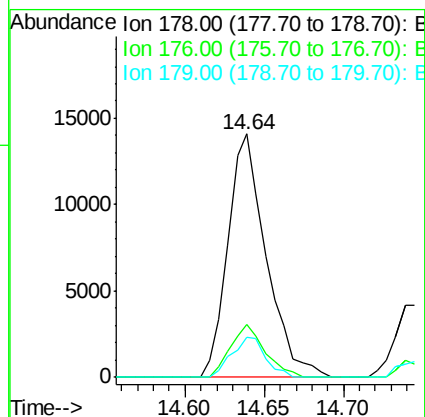
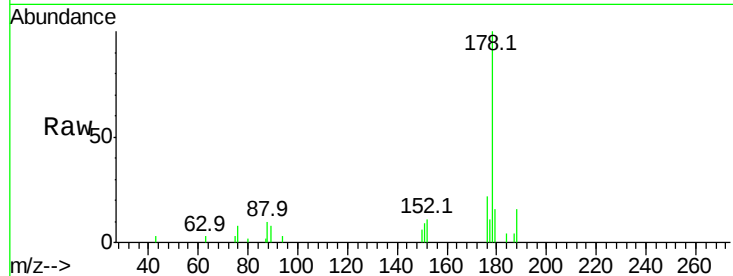
#70
Phenanthrene
Concen: 2.30 ng
RT: 14.64 min Scan# 2219
Delta R.T. -0.05 min
Lab File: BF095907.D
Acq: 13 Jun 2017 22:23

Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-SP-COMP-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.8	16.2	24.4
179	16.5	12.6	19.0

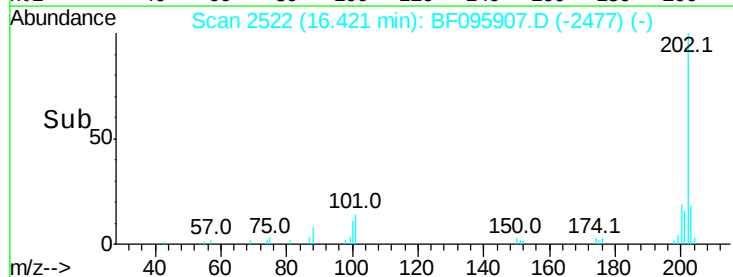
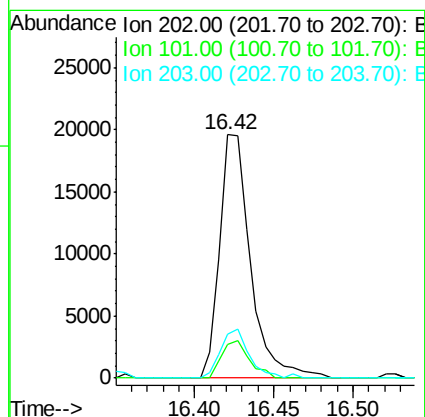
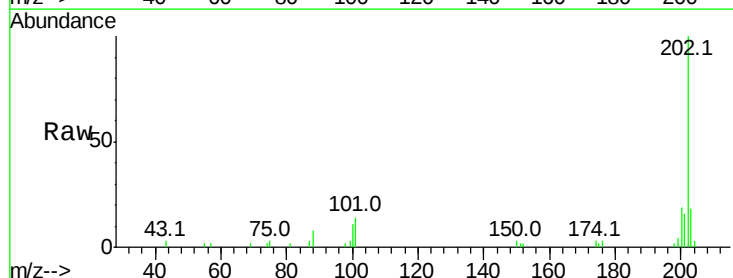
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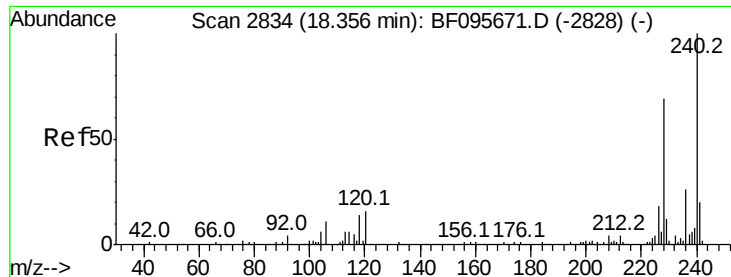
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#74
Fluoranthene
Concen: 2.62 ng
RT: 16.42 min Scan# 2522
Delta R.T. -0.04 min
Lab File: BF095907.D
Acq: 13 Jun 2017 22:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	18.3	0.0	38.1





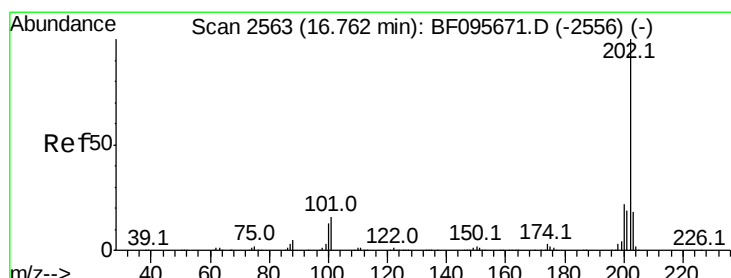
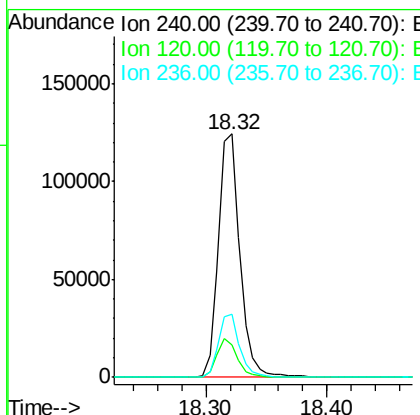
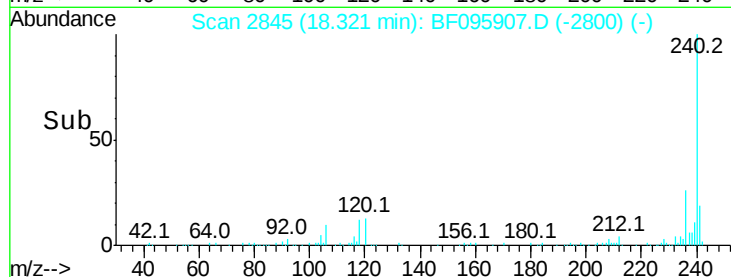
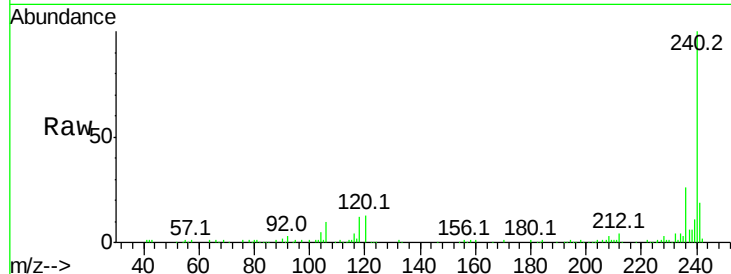
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.04 min
Lab File: BF095907.D
Acq: 13 Jun 2017 22:23

Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-SP-COMP-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	25.7	20.5	30.7

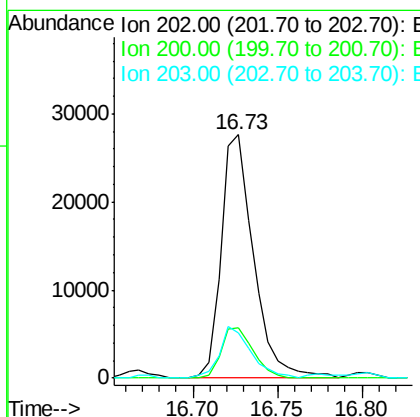
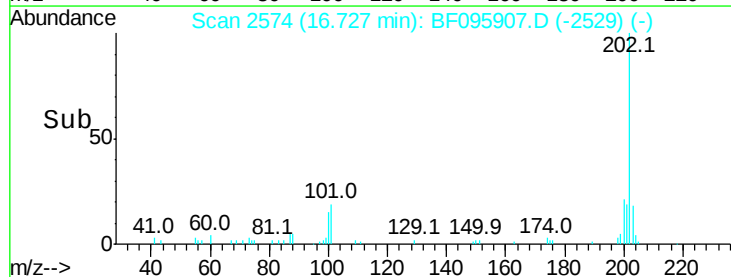
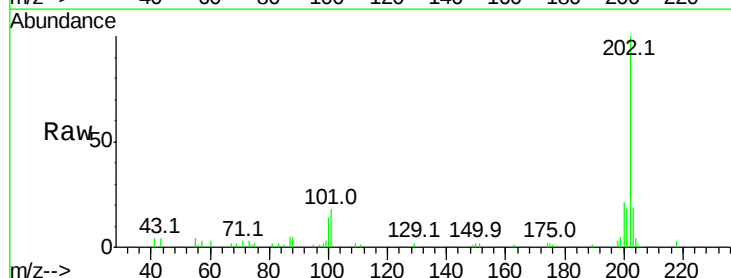
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#77
Pyrene
Concen: 3.24 ng
RT: 16.73 min Scan# 2574
Delta R.T. -0.04 min
Lab File: BF095907.D
Acq: 13 Jun 2017 22:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	18.7	14.4	21.6





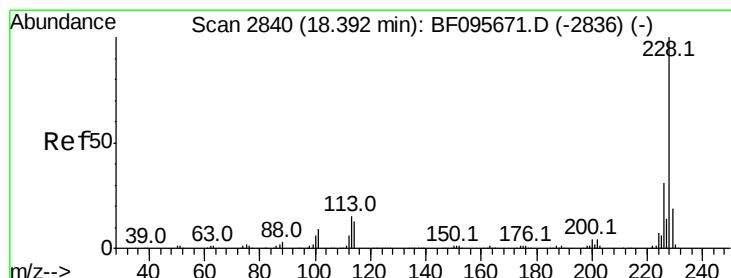
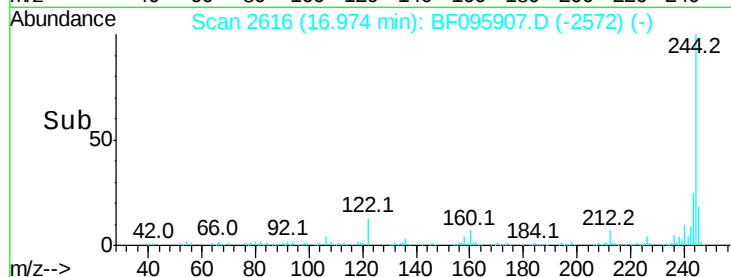
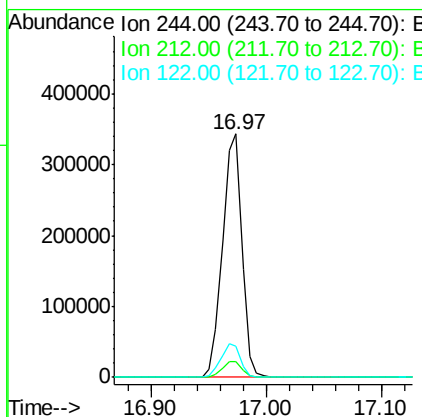
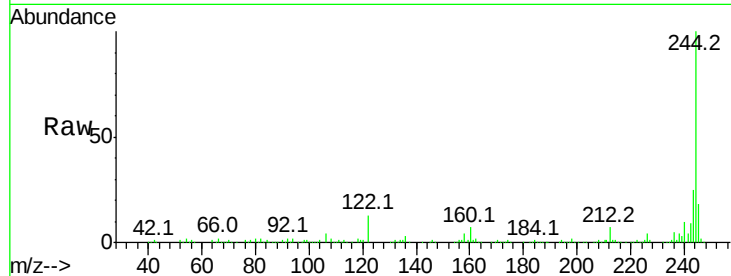
#78
 Terphenyl-d14
 Concen: 65.06 ng
 RT: 16.97 min Scan# 2616
 Delta R.T. -0.04 min
 Lab File: BF095907.D
 Acq: 13 Jun 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-SP-COMP-2

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.6	6.0	9.0	
122	12.6	10.3	15.5	

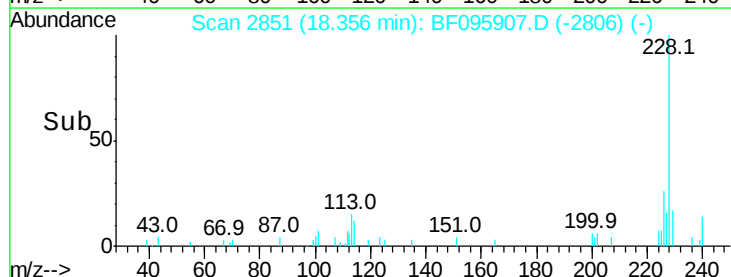
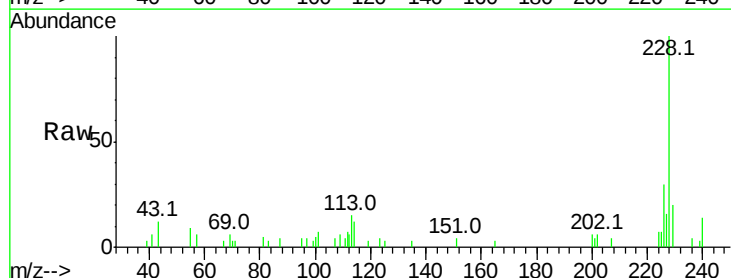
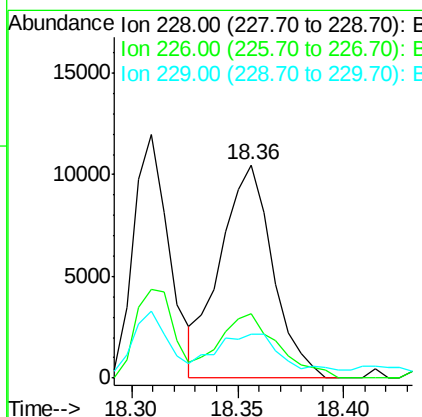
Manual Integrations
 APPROVED

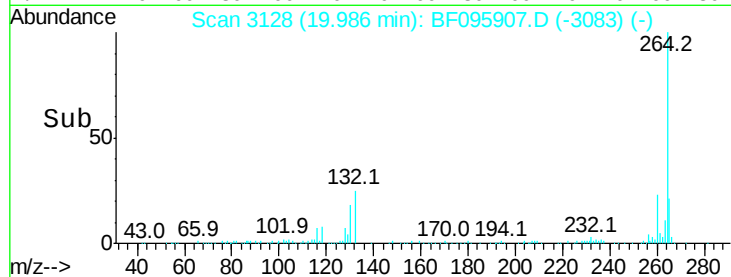
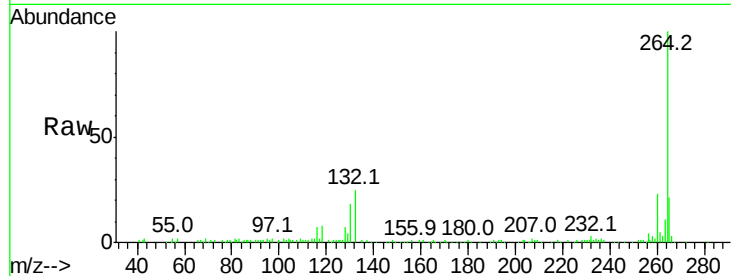
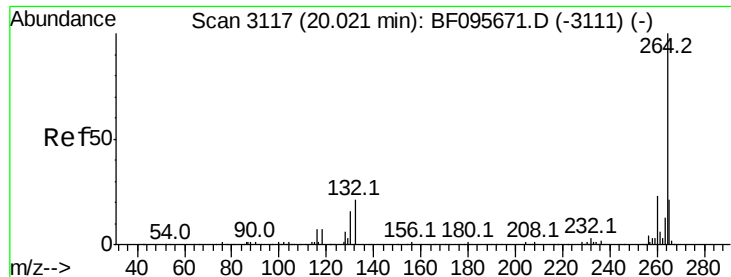
mohammad
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#82
 Chrysene
 Concen: 2.04 ng
 RT: 18.36 min Scan# 2851
 Delta R.T. -0.04 min
 Lab File: BF095907.D
 Acq: 13 Jun 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.1	24.9	37.3	
229	20.4	15.8	23.6	





#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.99 min Scan# 3128
Delta R.T. -0.04 min
Lab File: BF095907.D
Acq: 13 Jun 2017 22:23

Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-SP-COMP-2

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	22.5	19.5	29.3	
265	21.2	17.2	25.8	

Manual Integrations
APPROVED

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