

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095751.D
 Acq On : 7 Jun 2017 17:55
 Operator : SJ/MA
 Sample : I3479-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(0-2)20170603

Manual Integrations
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Quant Time: Jun 08 04:56:12 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	79432	20.00	ng	-0.02
21) Naphthalene-d8	9.42	136	301691	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	127478	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	189191	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	145782	20.00	ng	-0.01
86) Perylene-d12	20.01	264	112261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	467160	93.72	ng	-0.02
7) Phenol-d6	6.95	99	568779	95.31	ng	-0.01
23) Nitrobenzene-d5	8.30	82	331672	68.28	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	93730	83.10	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	628206	68.58	ng	-0.02
78) Terphenyl-d14	17.00	244	366893	62.46	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.89	163	107346	11.09	ng	97
74) Fluoranthene	16.45	202	40599	3.76	ng	98
77) Pyrene	16.75	202	35474	3.26	ng	# 95
80) Benzo(a)anthracene	18.33	228	18653	2.20	ng	# 94
82) Chrysene	18.38	228	17778	2.10	ng	# 93
87) Benzo(b)fluoranthene	19.61	252	18782m	2.67	ng	
89) Benzo(a)pyrene	19.97	252	13099	2.03	ng	# 77

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

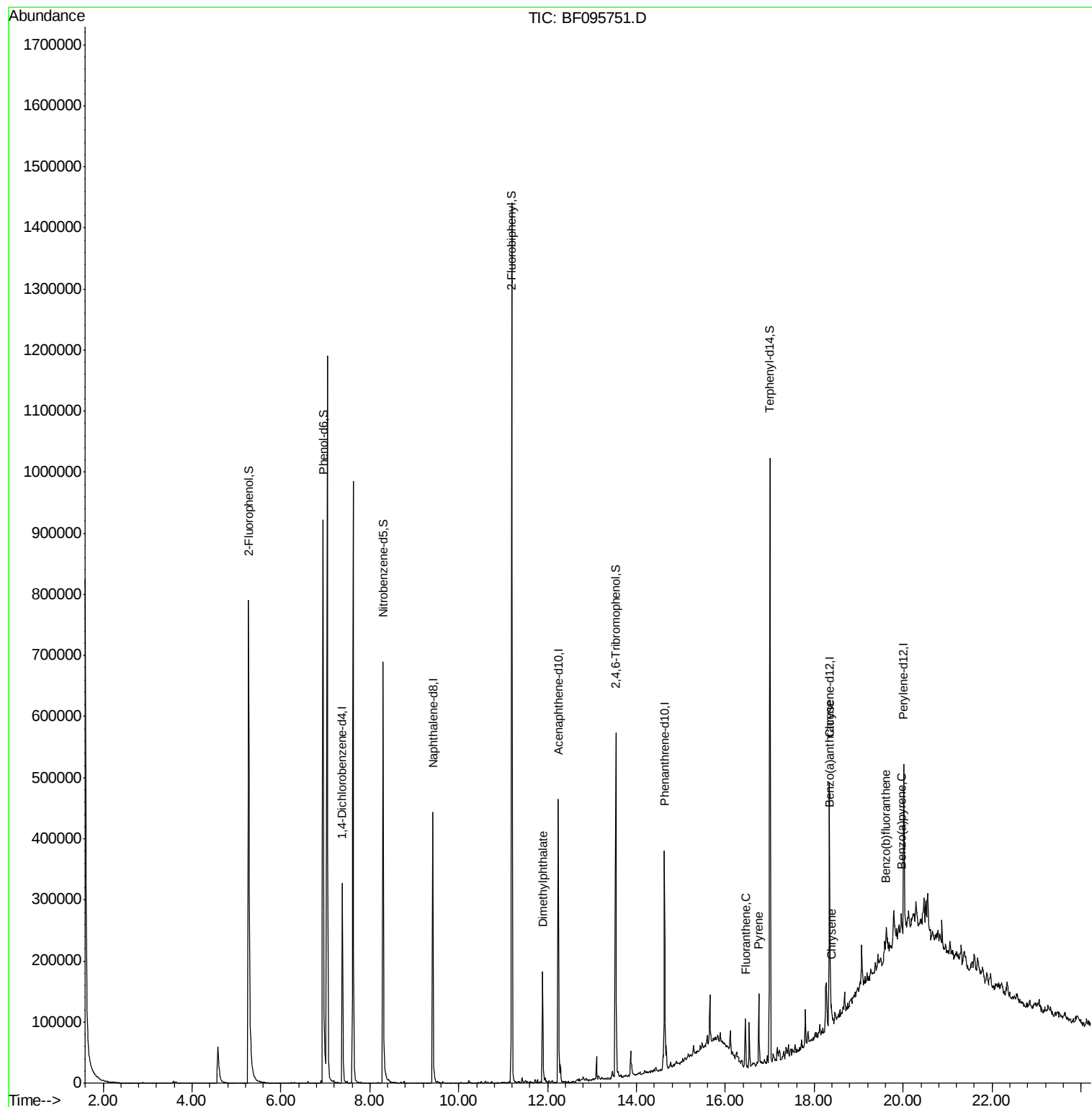
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095751.D
Acq On : 7 Jun 2017 17:55
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Misc :
ALS Vial : 9 Sample Multiplier: 1

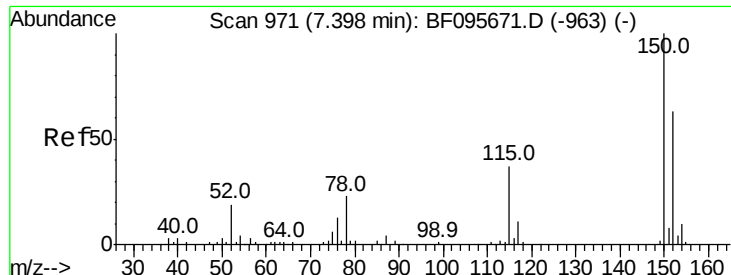
Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)20170603

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Quant Time: Jun 08 04:56:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

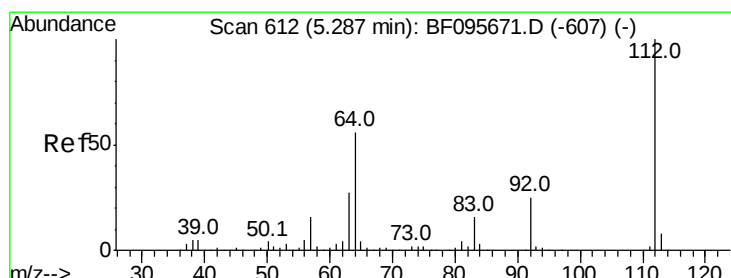
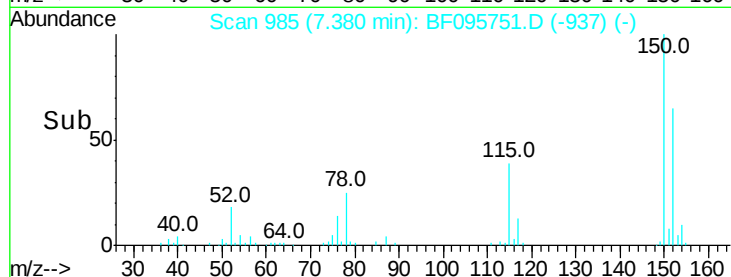
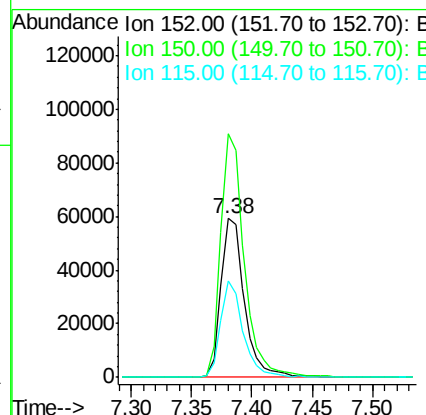
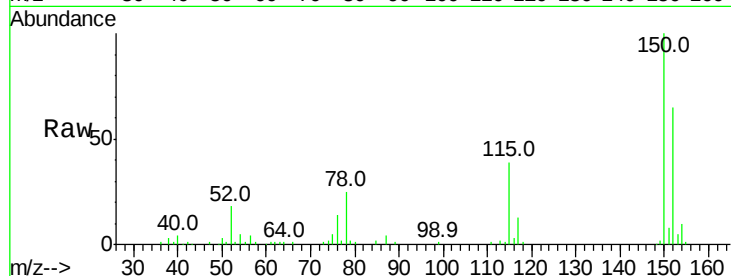
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)20170603

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.2	189.2
115	60.3	52.2	78.2

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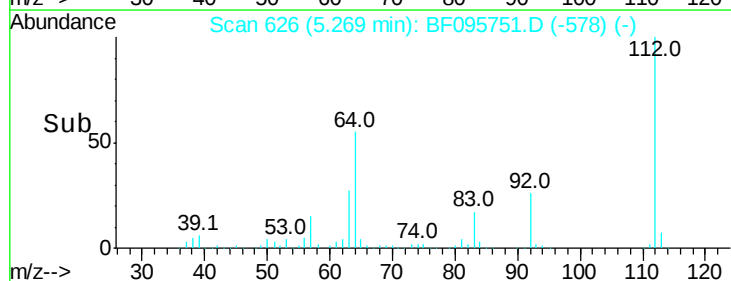
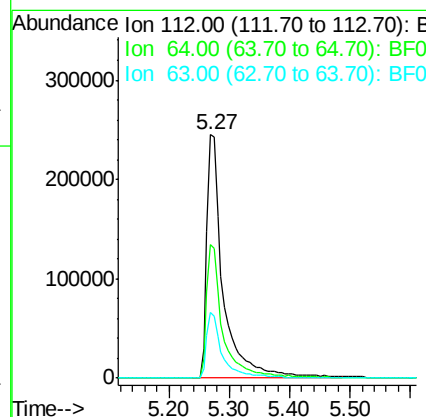
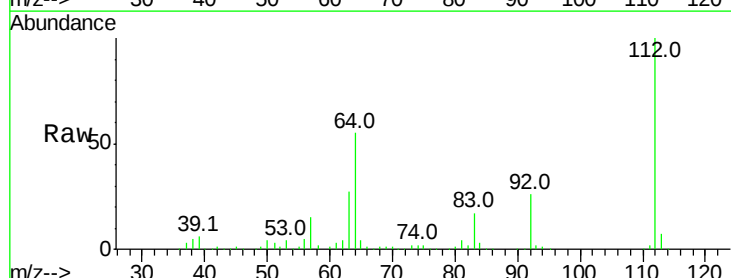
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#5

2-Fluorophenol
Concen: 93.72 ng
RT: 5.27 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	27.1	23.4	35.0





#7

Phenol-d6

Concen: 95.31 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF095751.D

Acq: 7 Jun 2017 17:55

Instrument :

BNA_F

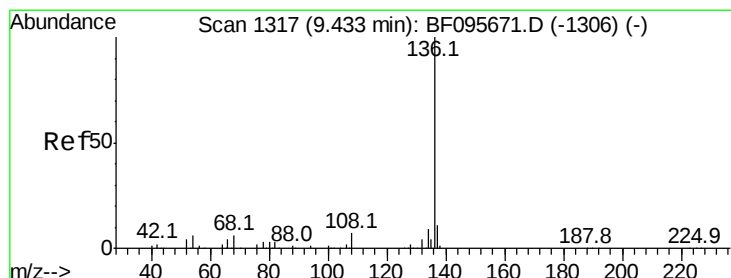
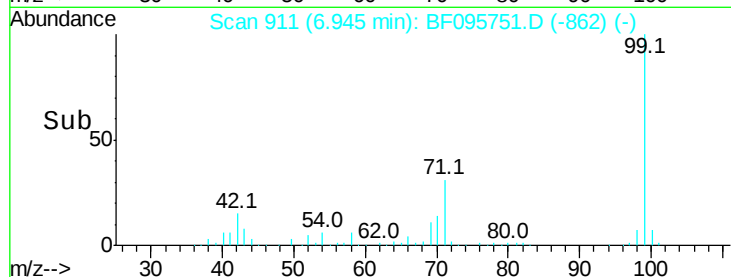
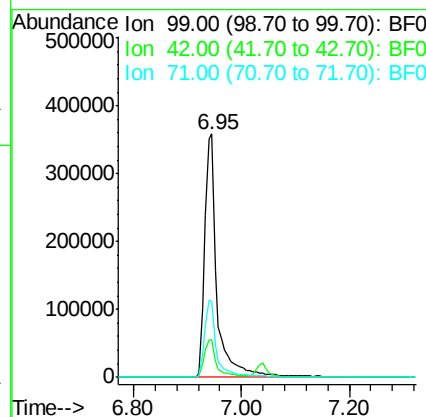
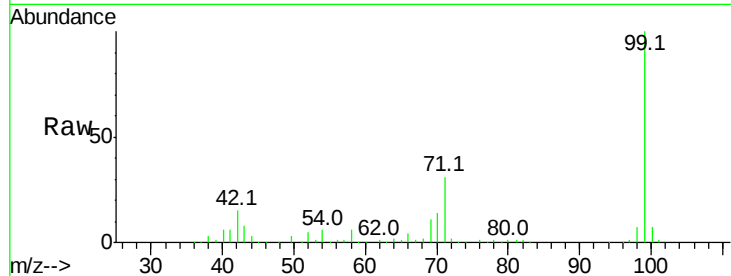
ClientSampleId :

SB-9(0-2)20170603

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		568779		
42	15.3	13.5	20.3		
71	31.2	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

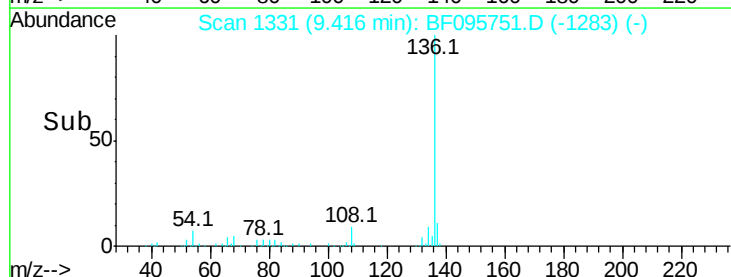
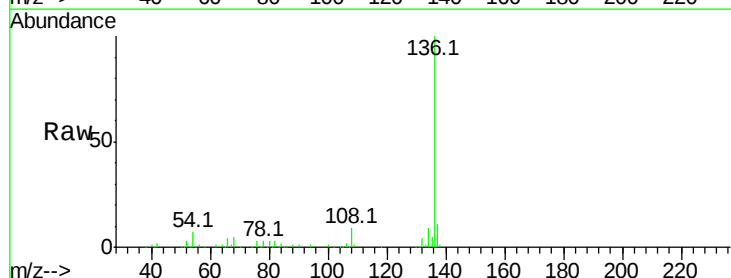
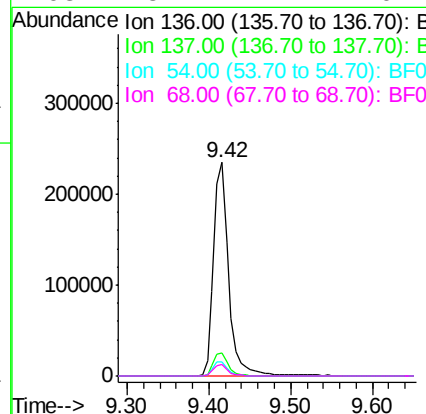
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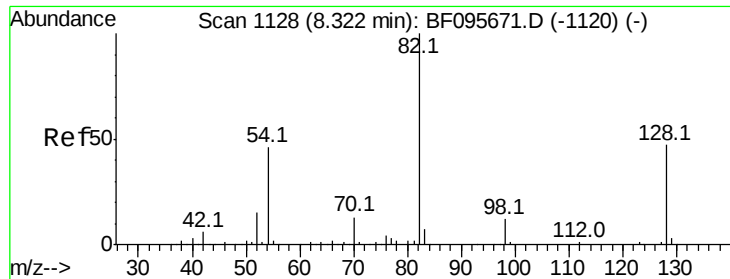
Delta R.T. -0.02 min

Lab File: BF095751.D

Acq: 7 Jun 2017 17:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		301691		
137	10.6	8.5	12.7		
54	6.8	4.9	7.3		
68	5.2	4.1	6.1		





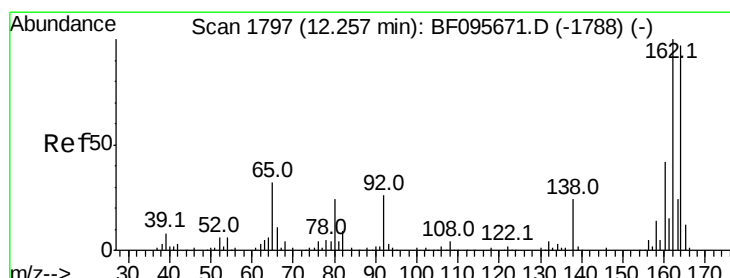
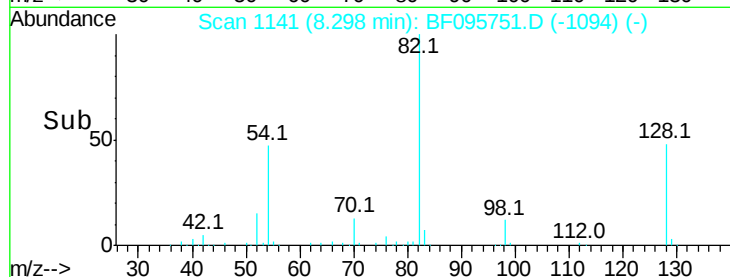
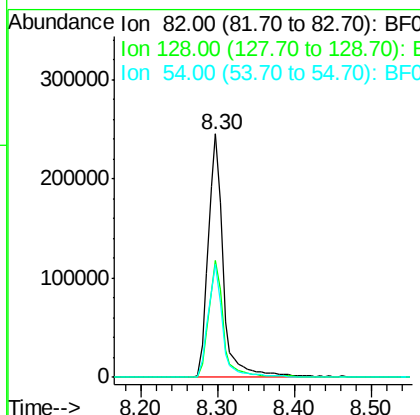
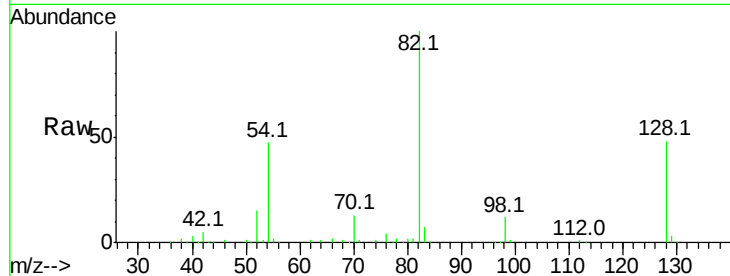
#23
 Nitrobenzene-d5
 Concen: 68.28 ng
 RT: 8.30 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF095751.D
 Acq: 7 Jun 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(0-2)20170603

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	46.6	42.2	63.2

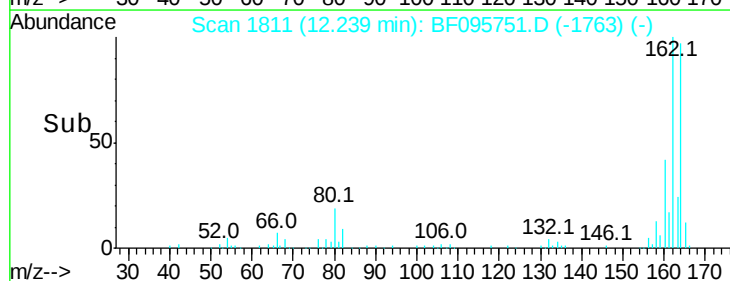
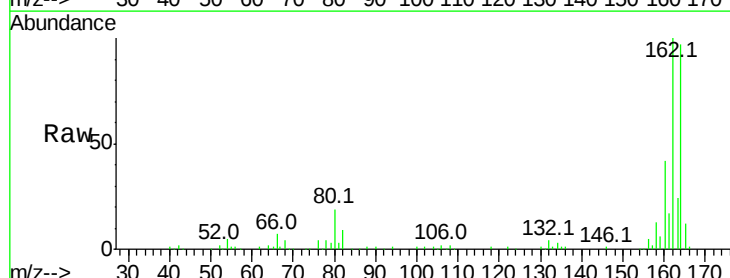
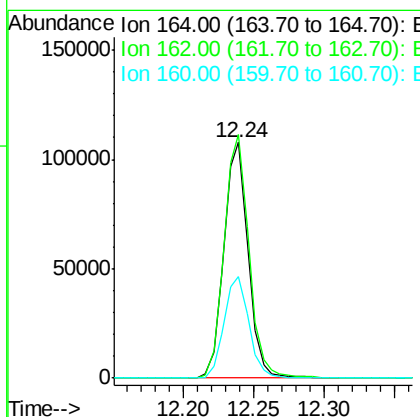
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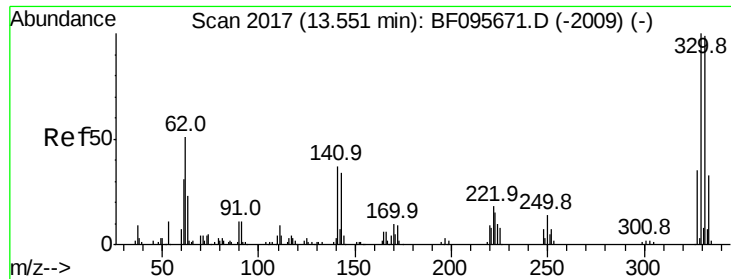
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.24 min Scan# 1811
 Delta R.T. -0.02 min
 Lab File: BF095751.D
 Acq: 7 Jun 2017 17:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	42.9	36.2	54.2





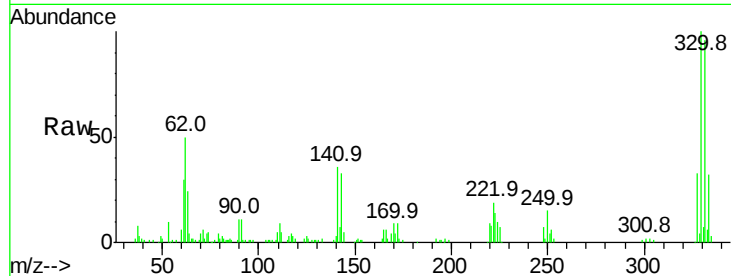
#41
 2,4,6-Tribromophenol
 Concen: 83.10 ng
 RT: 13.53 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF095751.D
 Acq: 7 Jun 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(0-2)20170603

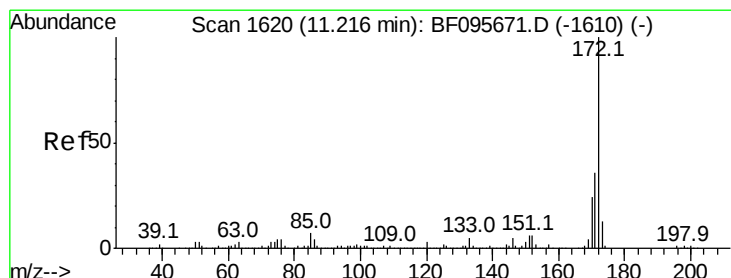
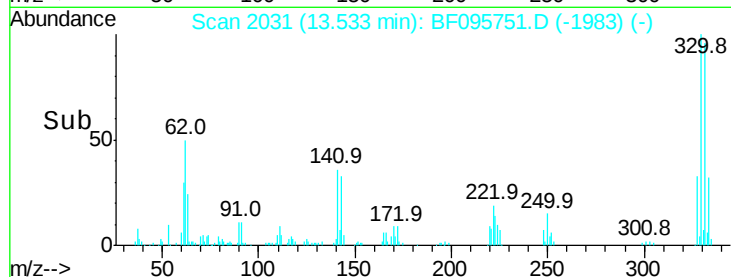
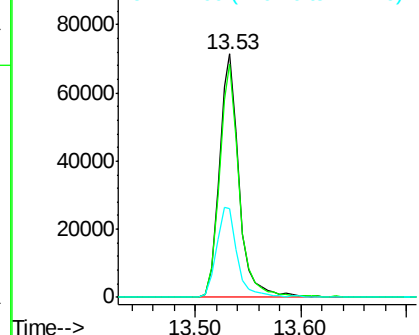
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	38.7	31.4	47.2

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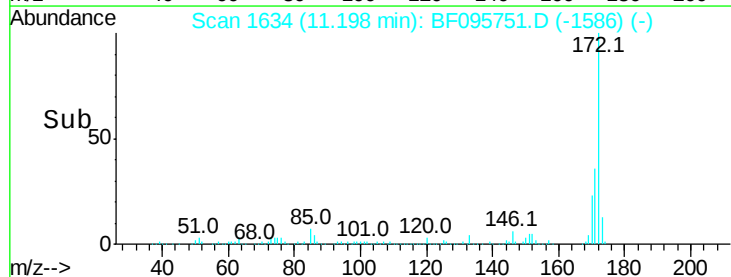
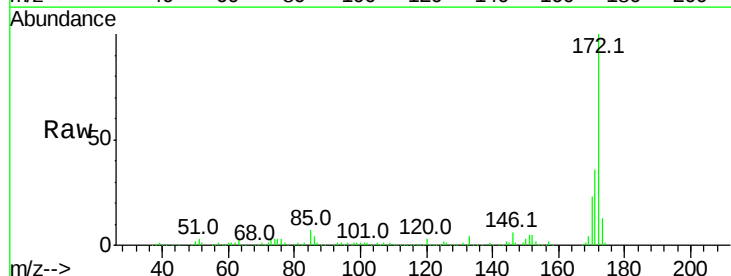
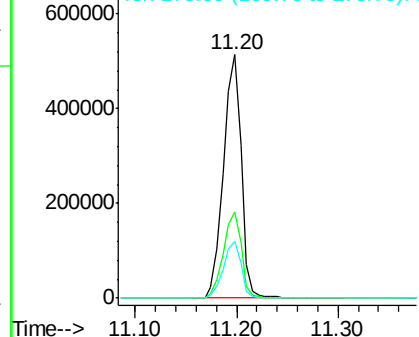
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

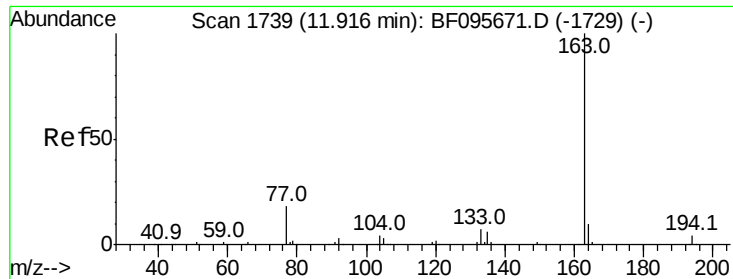


#44
 2-Fluorobiphenyl
 Concen: 68.58 ng
 RT: 11.20 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF095751.D
 Acq: 7 Jun 2017 17:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	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





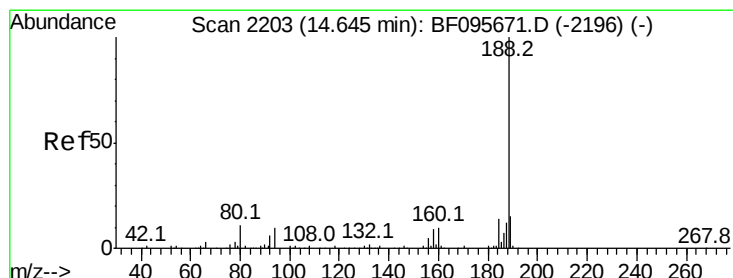
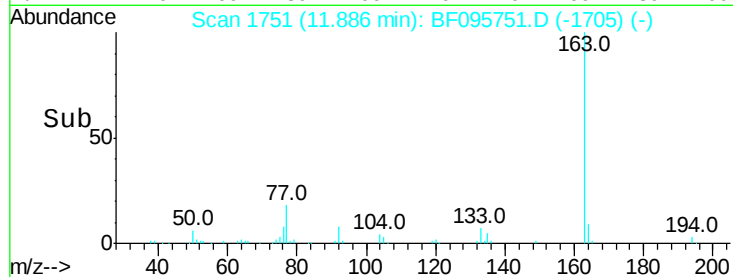
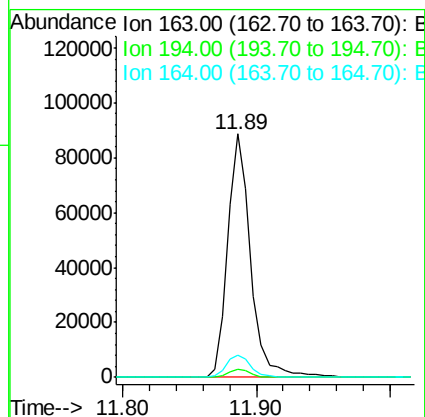
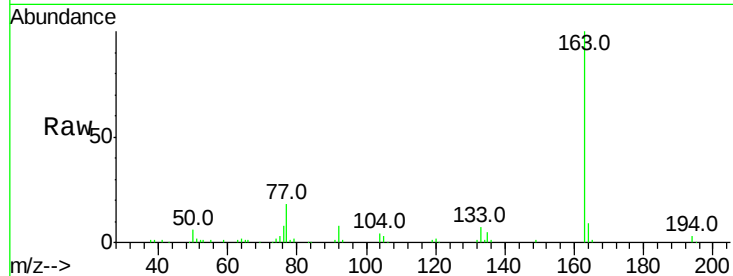
#49
Dimethylphthalate
Concen: 11.09 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)20170603

Tot Ion:	163	Resp:	107346
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	9.3	8.4	12.6

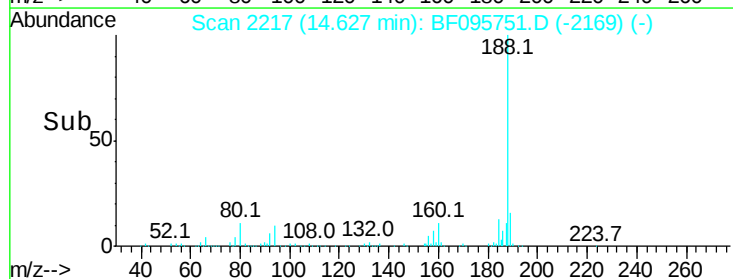
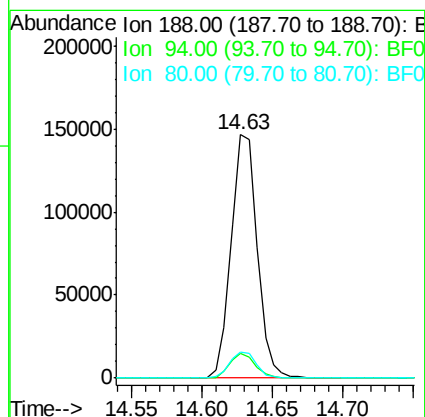
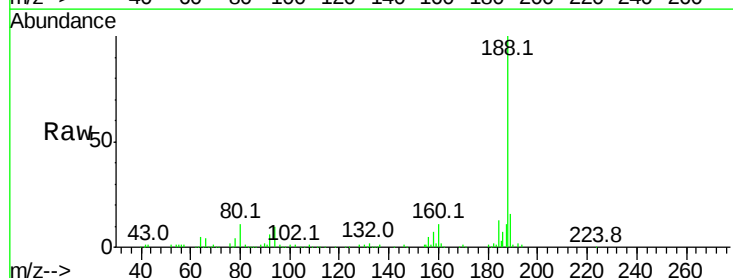
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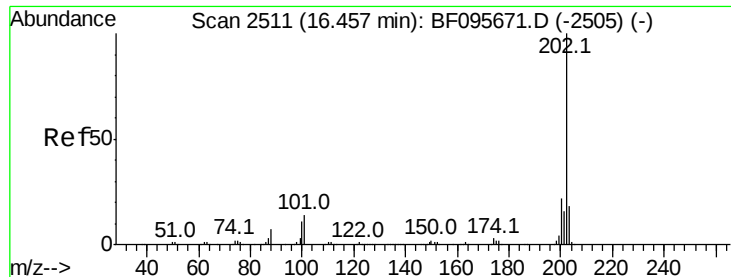
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Tgt Ion:	188	Resp:	189191
Ion Ratio	Lower	Upper	
188	100		
94	10.3	9.4	14.2
80	10.7	10.2	15.2





#74

Fluoranthene

Concen: 3.76 ng

RT: 16.45 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF095751.D

Acq: 7 Jun 2017 17:55

Instrument :

BNA_F

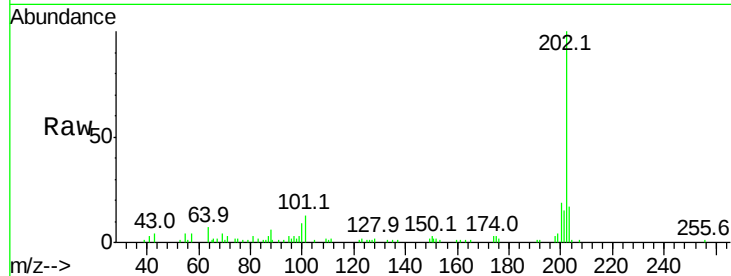
ClientSampleId :

SB-9(0-2)20170603

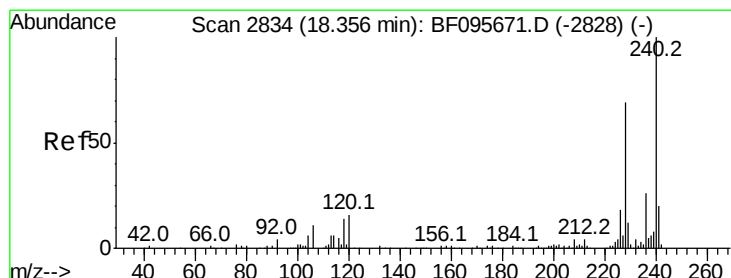
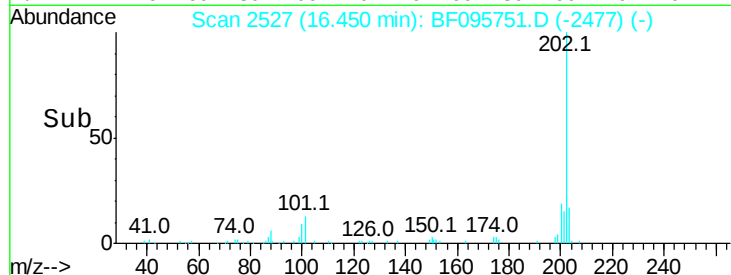
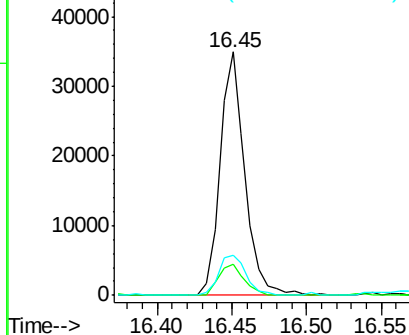
Tot Ion:	202	Resp:	40599
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	33.2
203	16.6	0.0	38.1

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

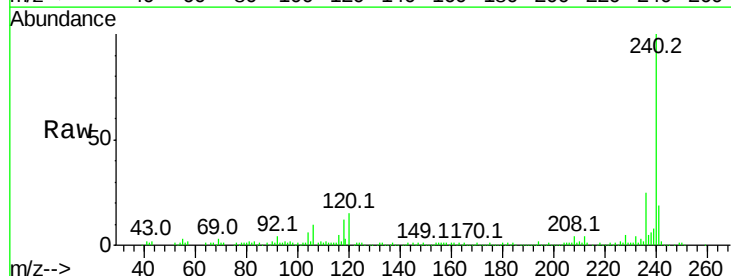
RT: 18.34 min Scan# 2849

Delta R.T. -0.01 min

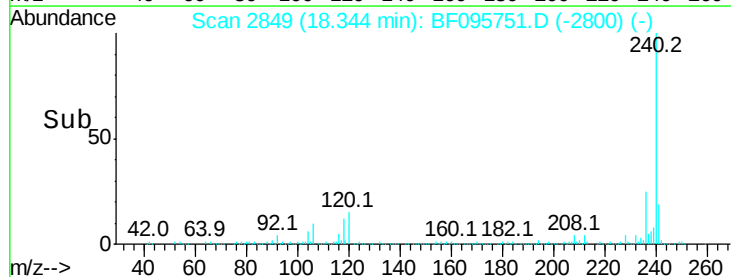
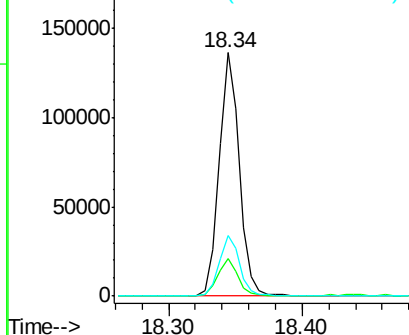
Lab File: BF095751.D

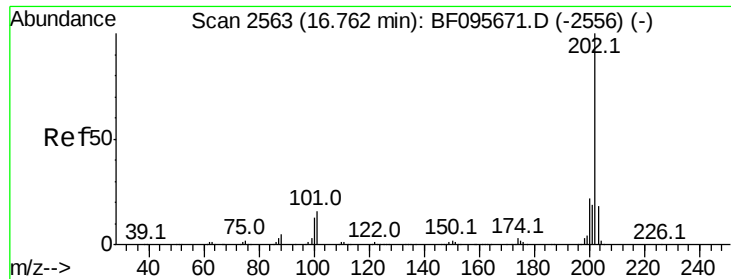
Acq: 7 Jun 2017 17:55

Tgt Ion:	240	Resp:	145782
Ion Ratio	Lower	Upper	
240	100		
120	15.3	5.8	8.8#
236	24.8	20.5	30.7



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





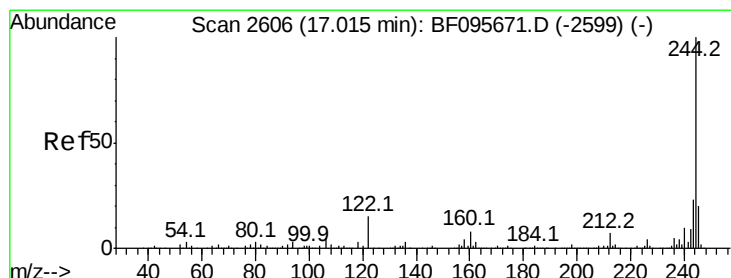
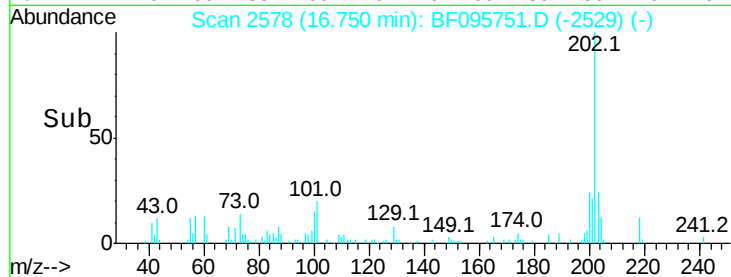
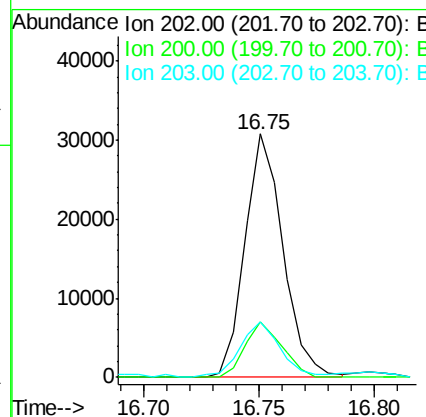
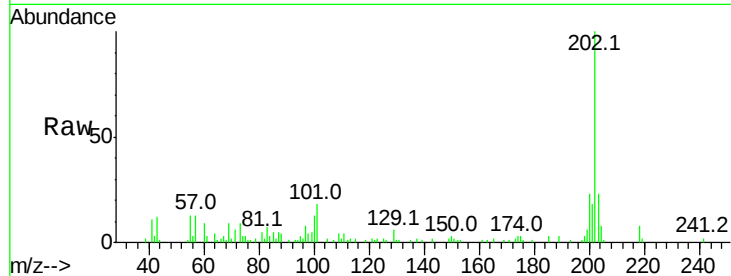
#77
Pvrene
Concen: 3.26 ng
RT: 16.75 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)20170603

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.6	26.4
203	22.6	14.4	21.6

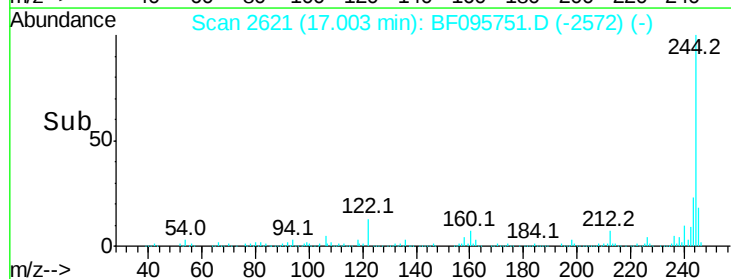
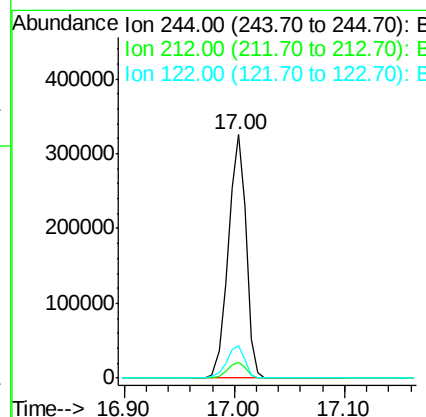
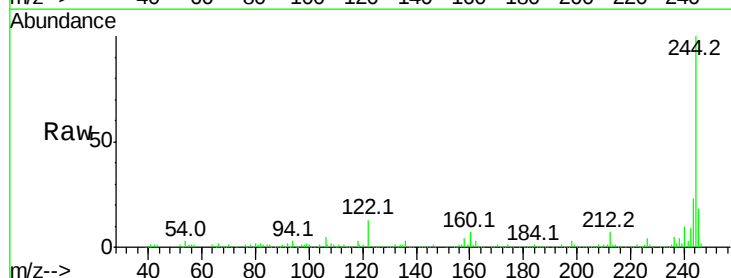
Manual Integrations
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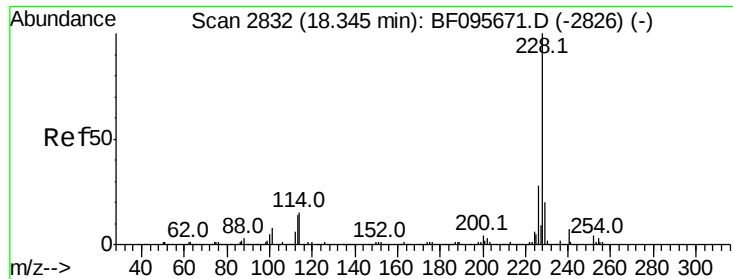
mohammad
6/8/2017 12:18:49 PM



#78
Terphenyl-d14
Concen: 62.46 ng
RT: 17.00 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.5	10.3	15.5





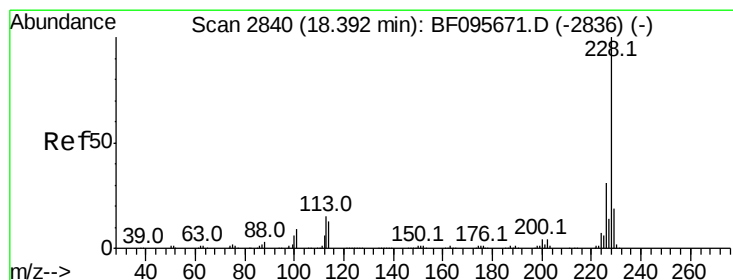
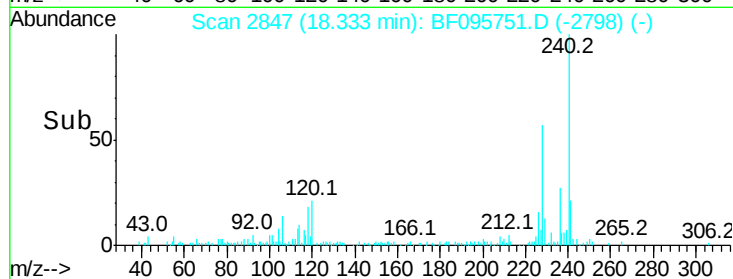
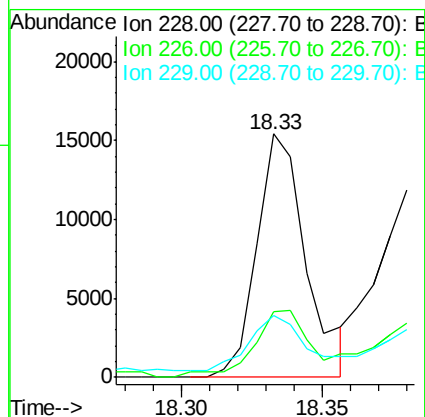
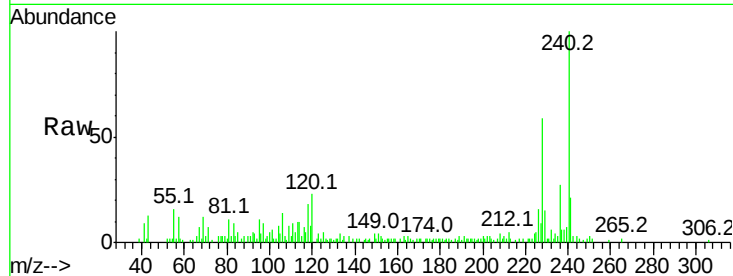
#80
Benzo(a)anthracene
Concen: 2.20 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)20170603

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	25.4	16.3	24.5

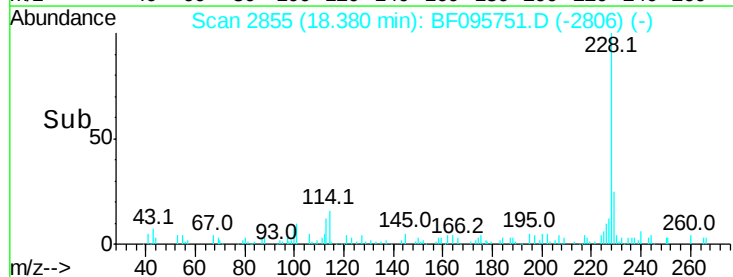
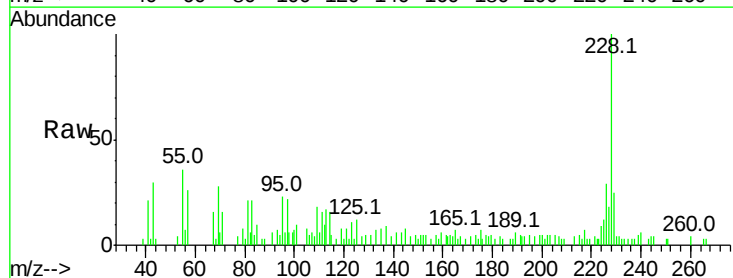
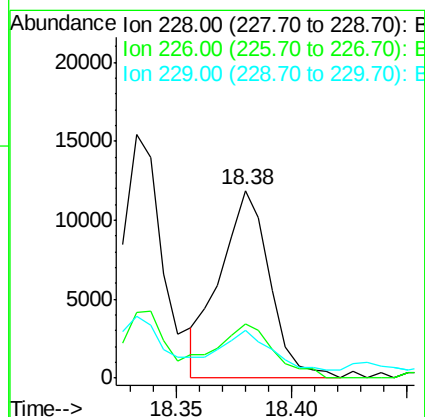
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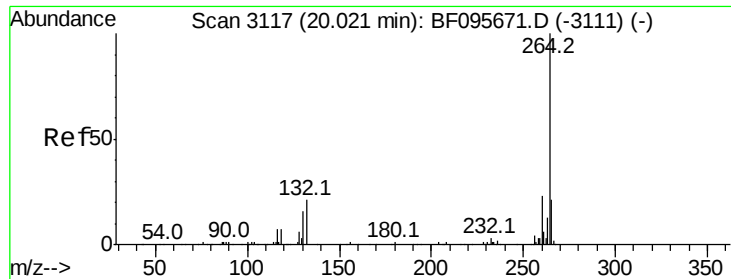
mohammad
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#82
Chrysene
Concen: 2.10 ng
RT: 18.38 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.9	37.3
229	25.2	15.8	23.6





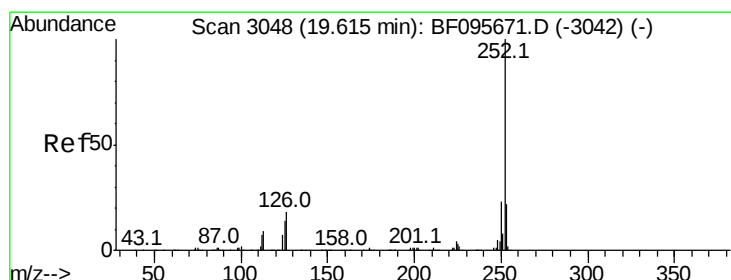
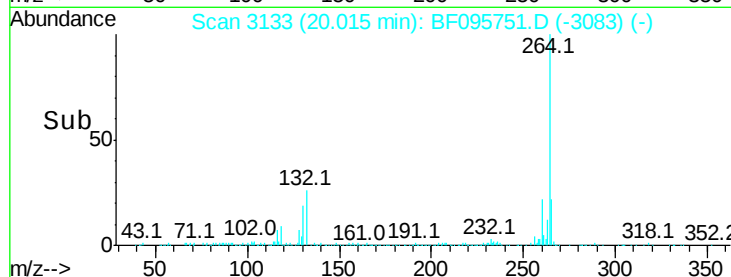
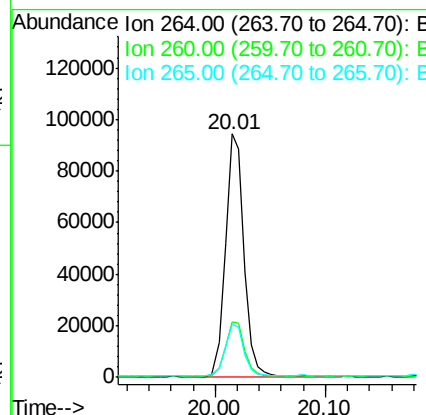
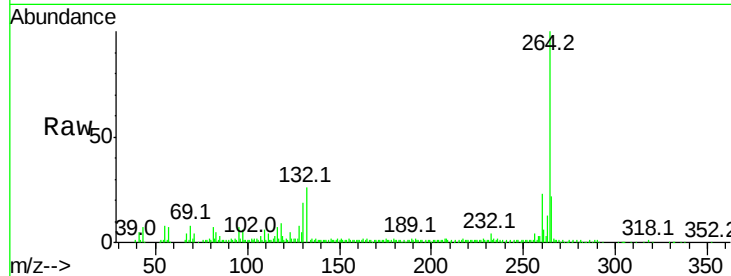
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.01 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)20170603

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.9	17.2	25.8

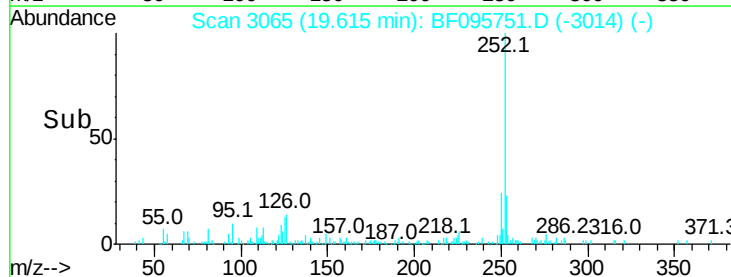
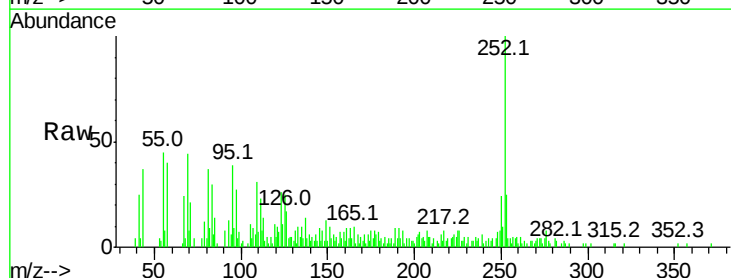
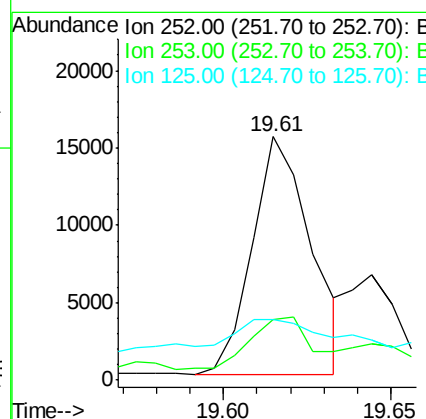
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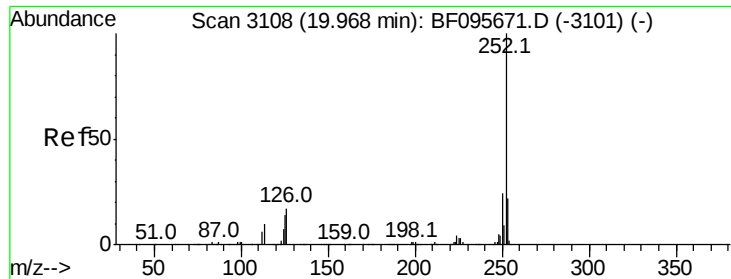
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#87
Benzo(b)fluoranthene
Concen: 2.67 ng m
RT: 19.61 min Scan# 3065
Delta R.T. -0.00 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	25.1	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 2.03 ng

RT: 19.97 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BF095751.D

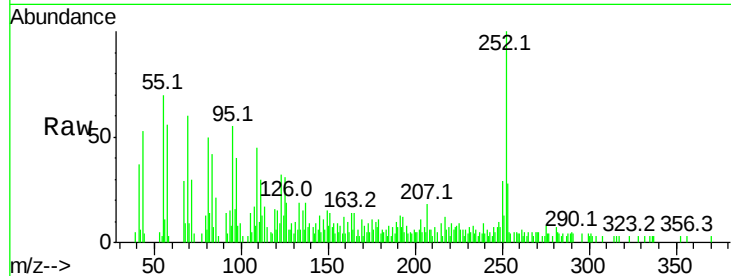
Acq: 7 Jun 2017 17:55

Instrument :

BNA_F

ClientSampleId :

SB-9(0-2)20170603



Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.5	26.3#
125	30.5	11.0	16.4#

Manual Integrations
APPROVED

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