

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095864.D
 Acq On : 10 Jun 2017 23:57
 Operator : SJ/MA
 Sample : I3592-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-060917

Manual Integrations
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Quant Time: Jun 12 05:50:07 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	66458	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	265376	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	107415	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	167845	20.00	ng	-0.03
75) Chrysene-d12	18.34	240	143790	20.00	ng	-0.02
86) Perylene-d12	20.01	264	104501	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	241019	57.79	ng	-0.02
7) Phenol-d6	6.93	99	298187	59.72	ng	-0.03
23) Nitrobenzene-d5	8.28	82	169243	39.61	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	47600	50.09	ng	-0.03
44) 2-Fluorobiphenyl	11.18	172	332653	43.10	ng	-0.04
78) Terphenyl-d14	16.99	244	227030	39.18	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	11.87	163	30255	3.71	ng	# 98
70) Phenanthrene	14.66	178	20159	2.08	ng	97
74) Fluoranthene	16.44	202	26376	2.75	ng	# 20
77) Pyrene	16.74	202	32917	3.07	ng	# 94
82) Chrysene	18.37	228	16865	2.02	ng	# 94
87) Benzo(b)fluoranthene	19.61	252	15269m	2.33	ng	

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

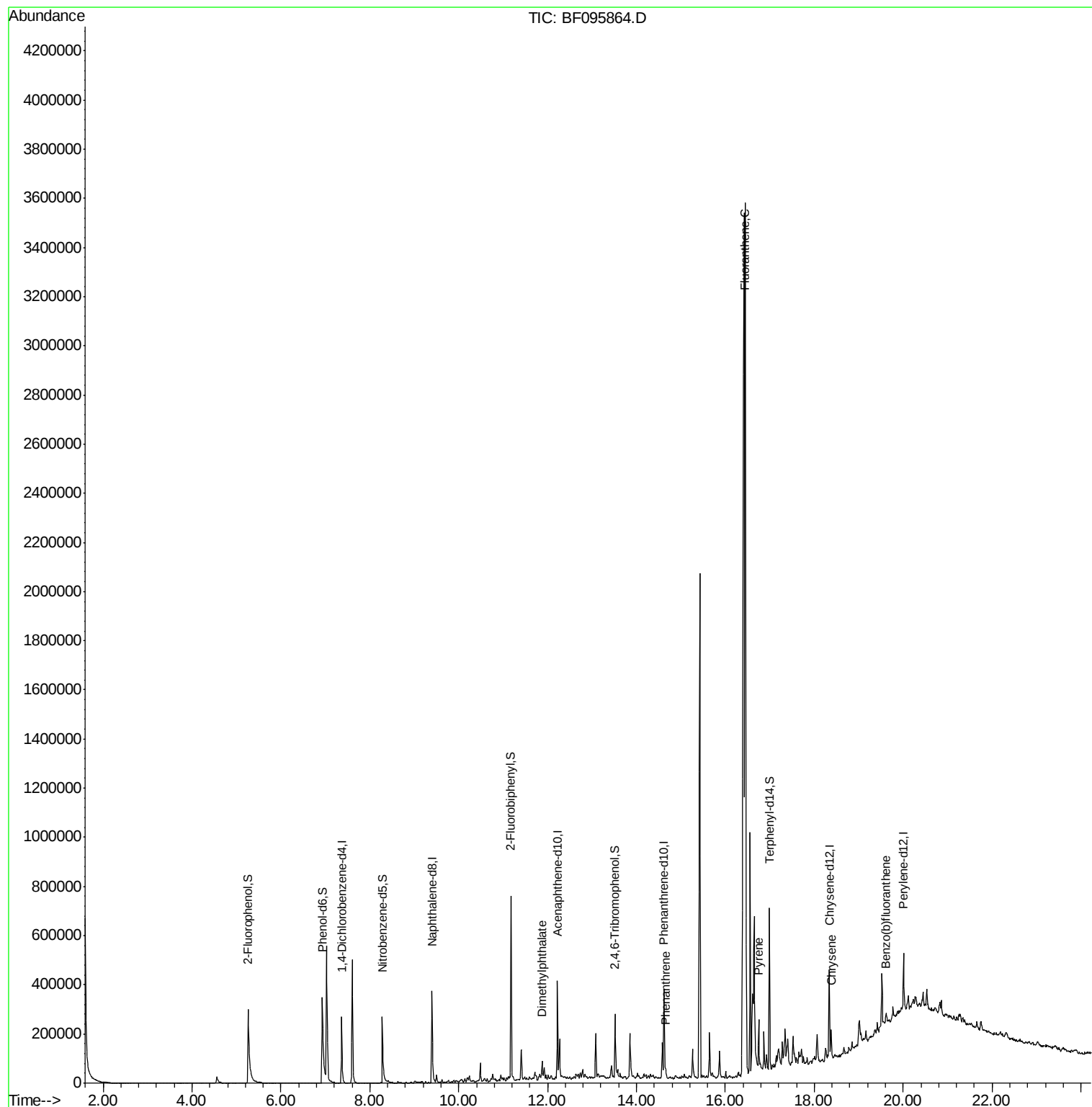
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
Data File : BF095864.D
Acq On : 10 Jun 2017 23:57
Operator : SJ/MA
Sample : I3592-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

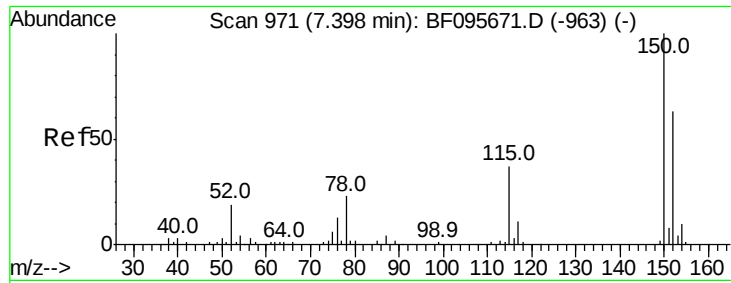
Instrument :
BNA_F
ClientSampleId :
SU-03-060917

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Quant Time: Jun 12 05:50:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

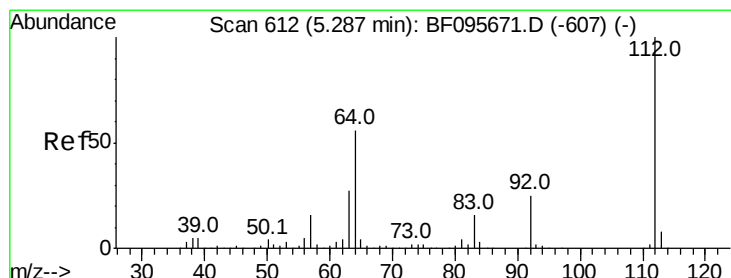
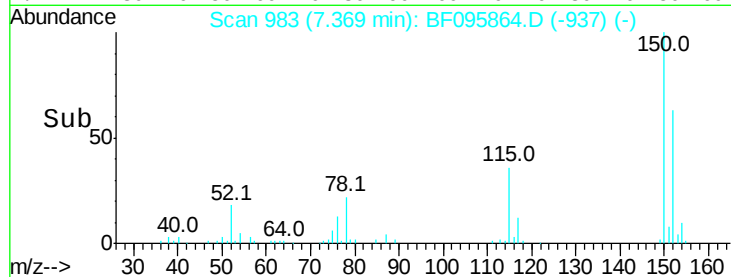
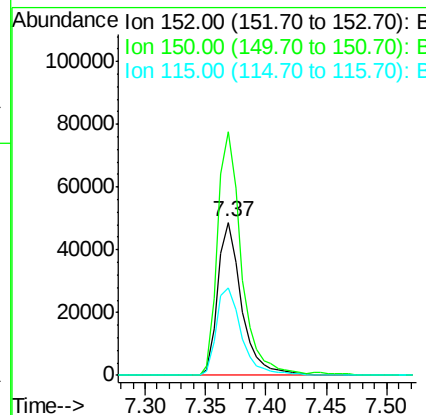
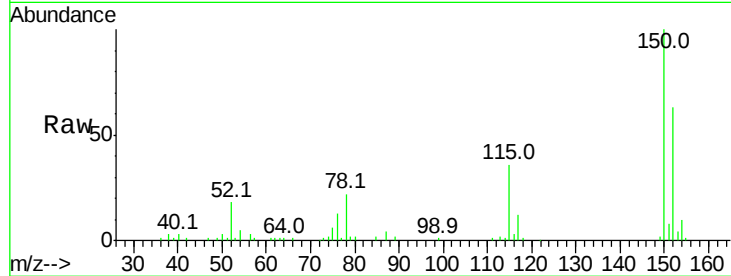
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095864.D
Acq: 10 Jun 2017 23:57

Instrument :
BNA_F
ClientSampled :
SU-03-060917

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	57.4	52.2	78.2

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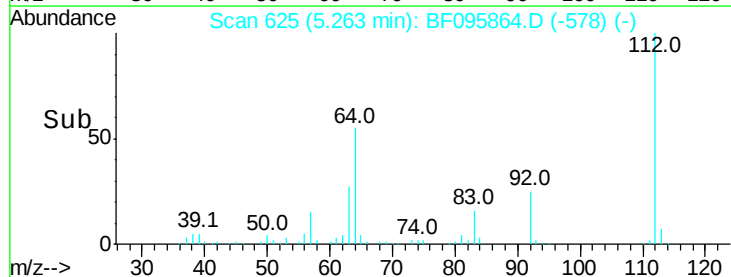
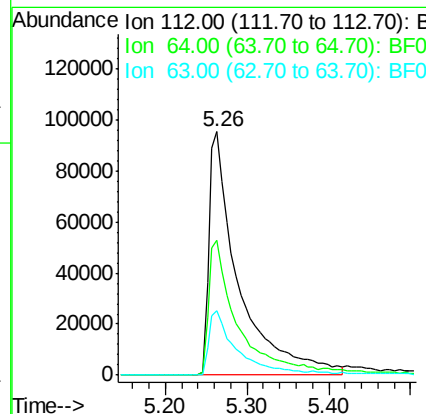
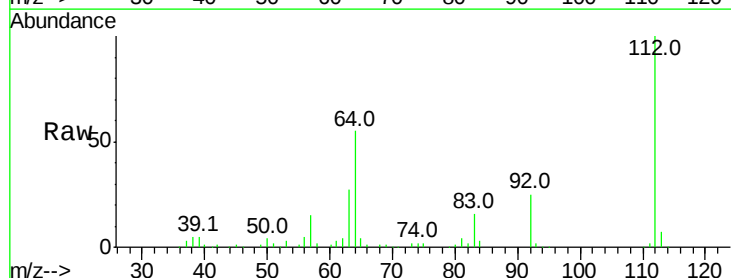
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#5

2-Fluorophenol
Concen: 57.79 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095864.D
Acq: 10 Jun 2017 23:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.0	69.0
63	26.5	23.4	35.0





#7

Phenol-d6

Concen: 59.72 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095864.D

Acq: 10 Jun 2017 23:57

Instrument :

BNA_F

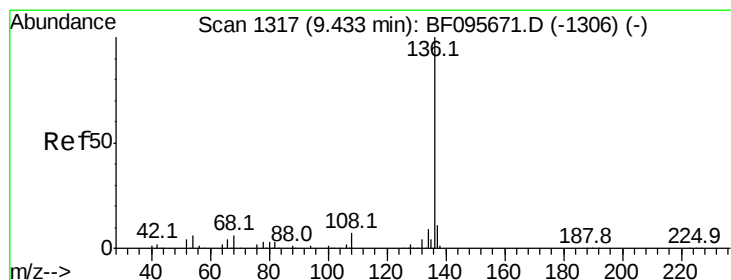
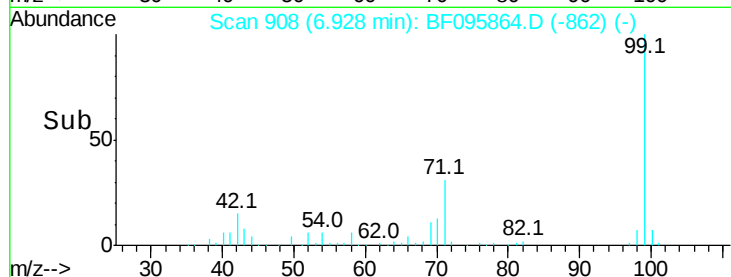
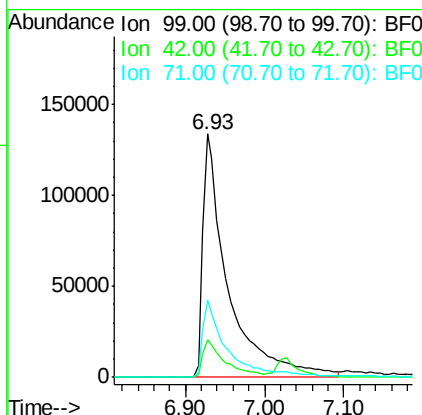
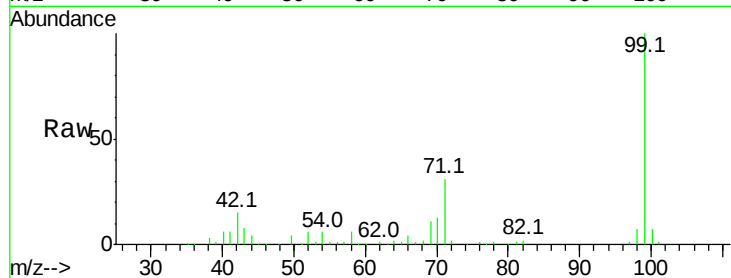
ClientSampleId :

SU-03-060917

Tot Ion:	99	Resp:	298187
Ion Ratio	Lower	Upper	
99	100		
42	15.4	13.5	20.3
71	31.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

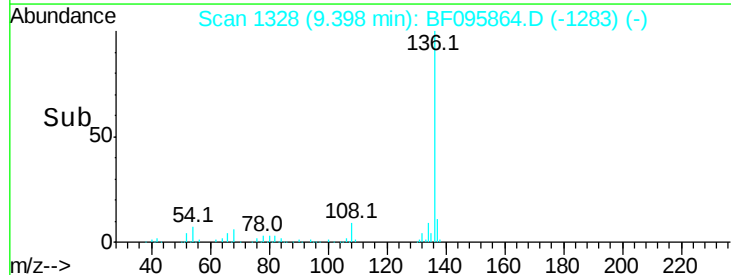
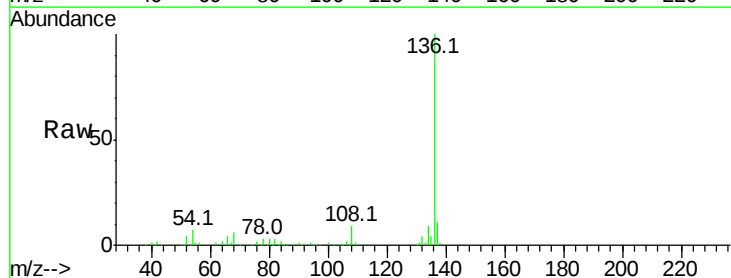
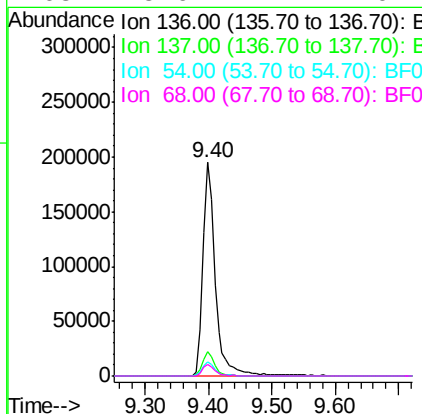
RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095864.D

Acq: 10 Jun 2017 23:57

Tgt Ion:	136	Resp:	265376
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	6.9	4.9	7.3
68	5.6	4.1	6.1





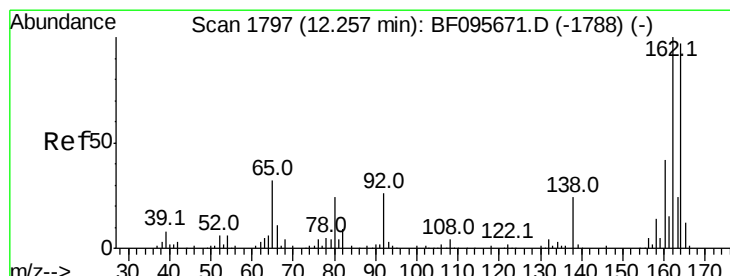
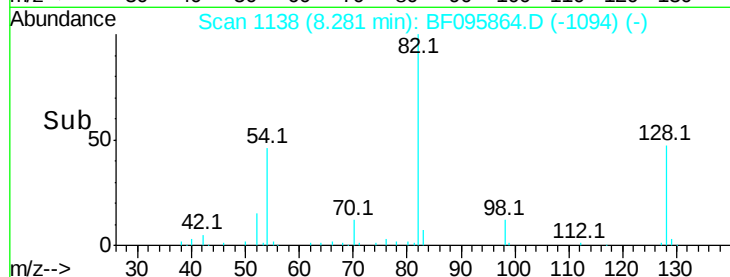
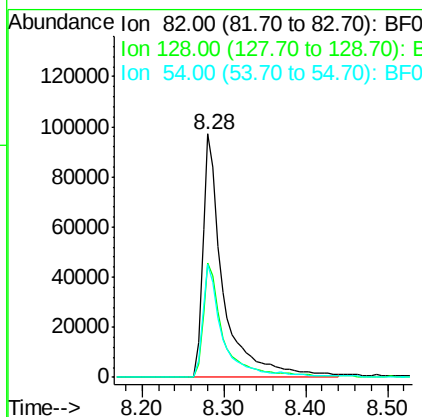
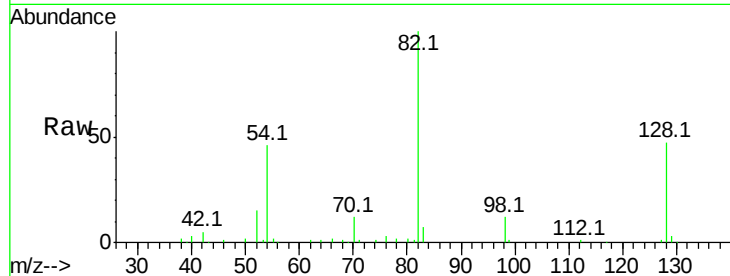
#23
Nitrobenzene-d5
Concen: 39.61 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.04 min
Lab File: BF095864.D
Acq: 10 Jun 2017 23:57

Instrument :
BNA_F
ClientSampleId :
SU-03-060917

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	46.3	42.2	63.2

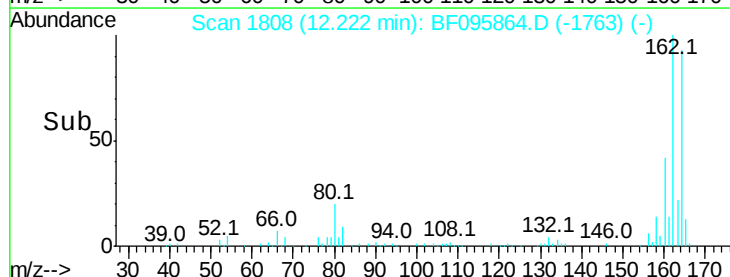
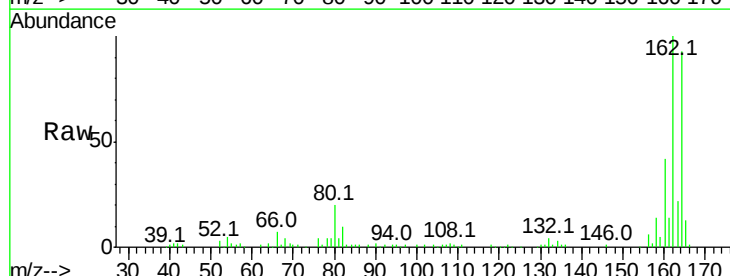
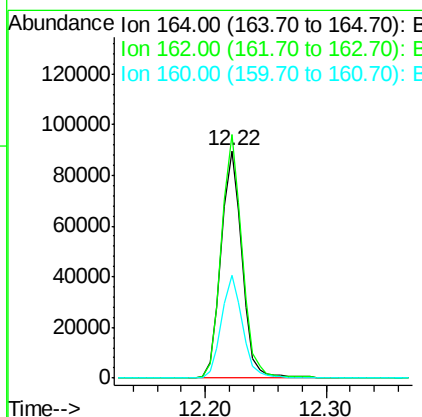
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095864.D
Acq: 10 Jun 2017 23:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	82.6	123.8
160	45.3	36.2	54.2





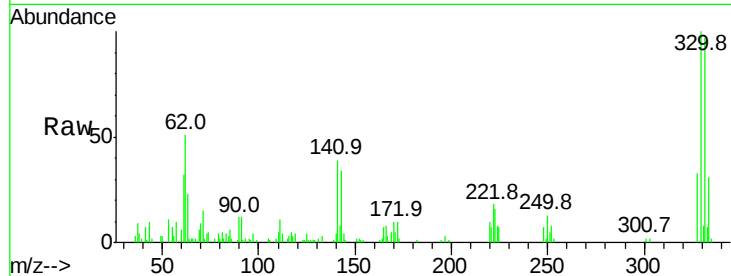
#41
 2,4,6-Tribromophenol
 Concen: 50.09 ng
 RT: 13.52 min Scan# 2029
 Delta R.T. -0.03 min
 Lab File: BF095864.D
 Acq: 10 Jun 2017 23:57

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-060917

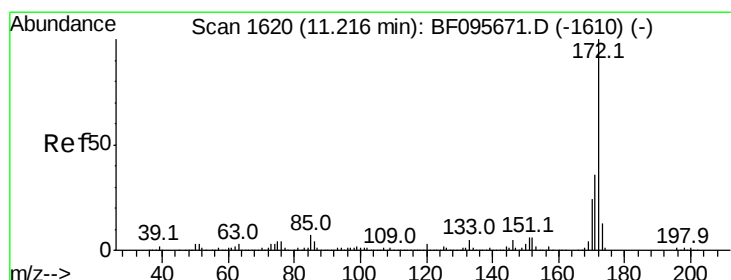
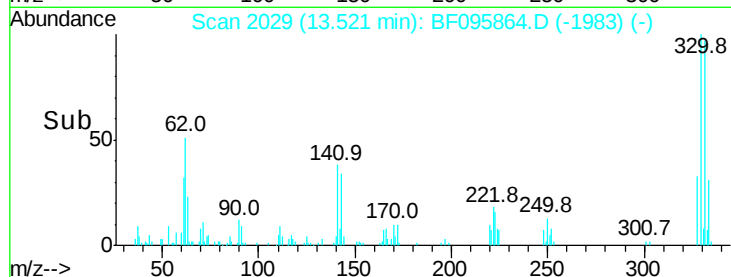
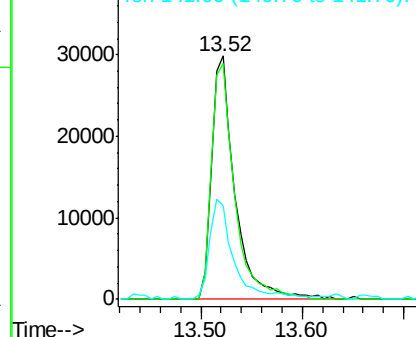
Tot Ion	Ratio	Resp	Lower	Upper
330	100	47600		
332	96.8		76.6	115.0
141	42.7		31.4	47.2

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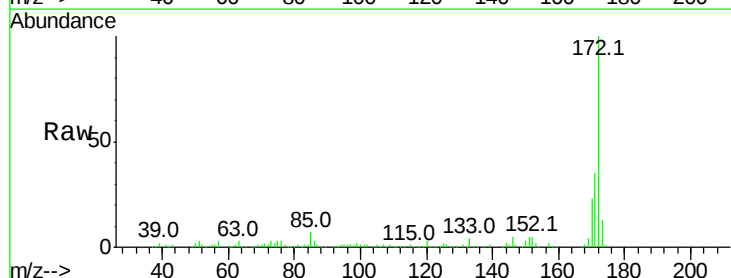


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

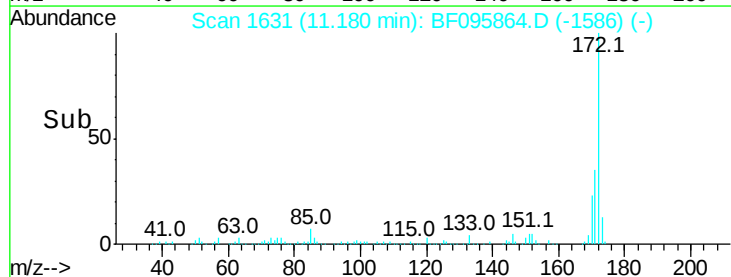
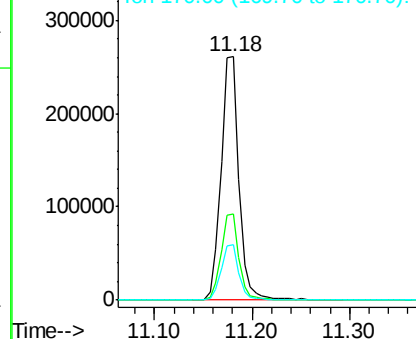


#44
 2-Fluorobiphenyl
 Concen: 43.10 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF095864.D
 Acq: 10 Jun 2017 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	332653		
171	35.3		29.6	44.4
170	22.8		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





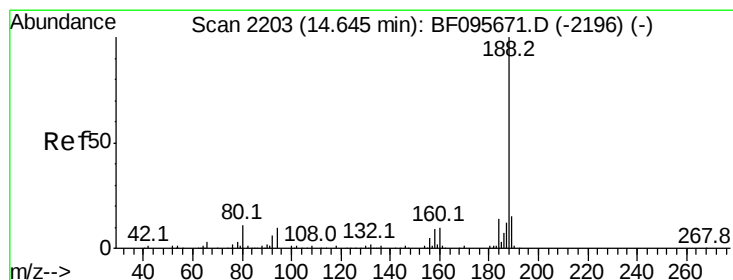
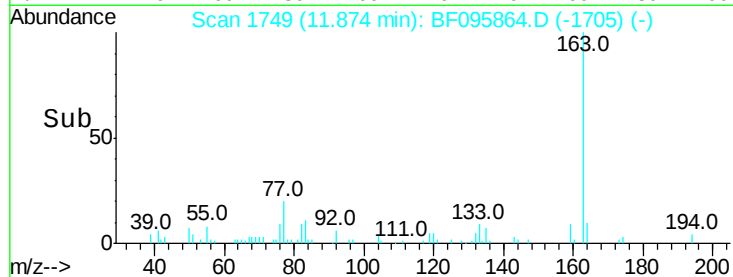
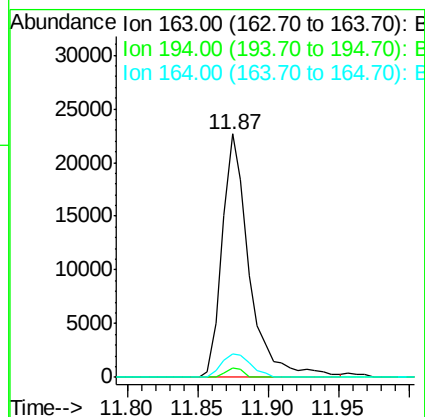
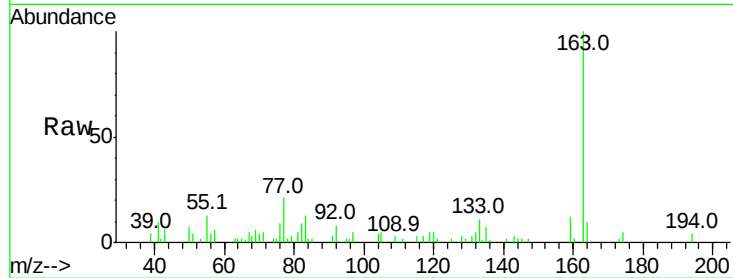
#49
Dimethylphthalate
Concen: 3.71 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095864.D
Acq: 10 Jun 2017 23:57

Instrument :
BNA_F
ClientSampleId :
SU-03-060917

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.6	4.0#	
164	9.6	8.4	12.6	

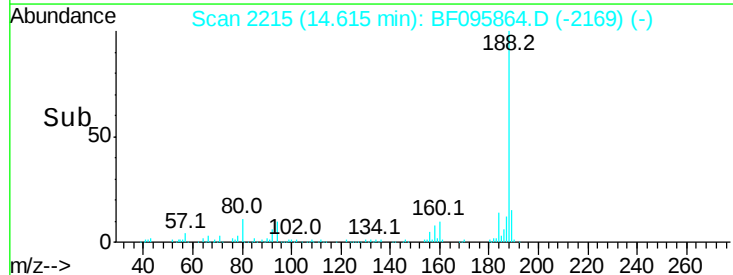
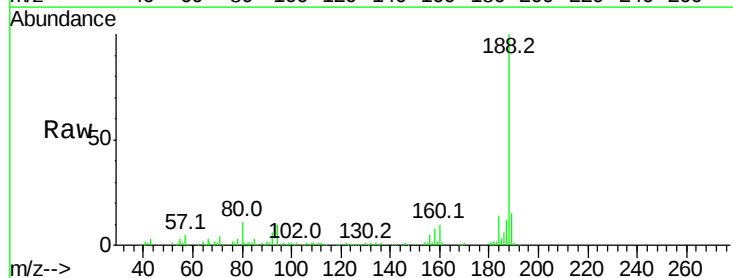
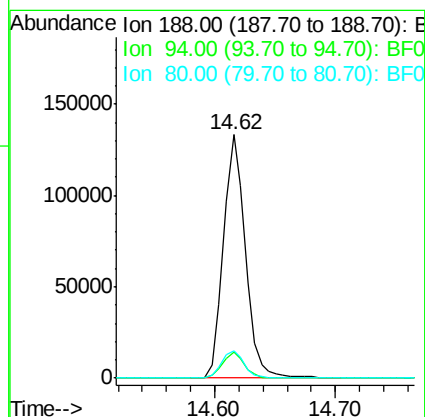
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095864.D
Acq: 10 Jun 2017 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.5	9.4	14.2	
80	11.3	10.2	15.2	





#70

Phenanthrene

Concen: 2.08 ng

RT: 14.66 min Scan# 2222

Delta R.T. -0.03 min

Lab File: BF095864.D

Acq: 10 Jun 2017 23:57

Instrument :

BNA_F

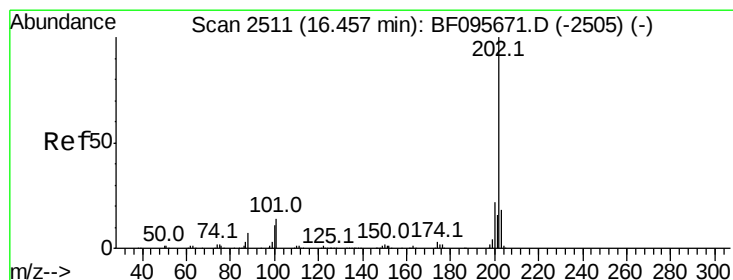
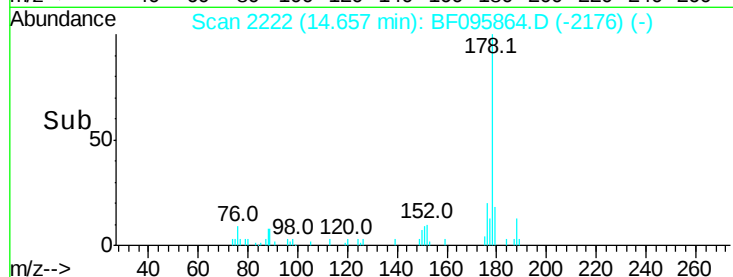
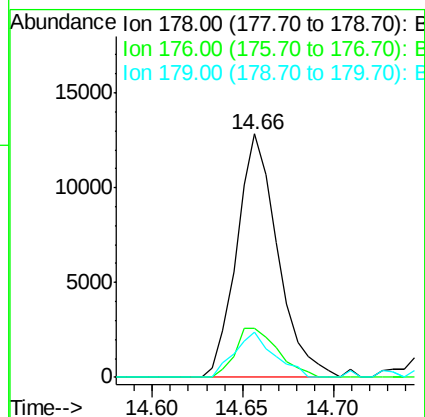
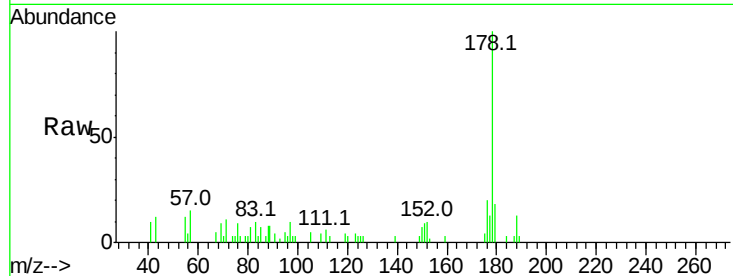
ClientSampleId :

SU-03-060917

Tot Ion:	178	Resp:	20159
Ion Ratio	Lower	Upper	
178	100		
176	20.4	16.2	24.4
179	18.4	12.6	19.0

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#74

Fluoranthene

Concen: 2.75 ng

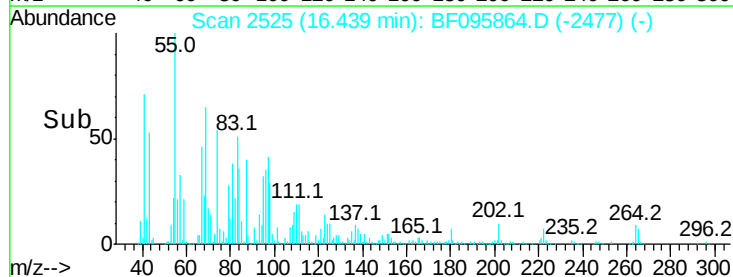
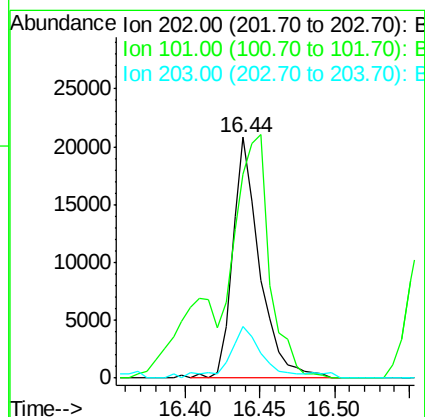
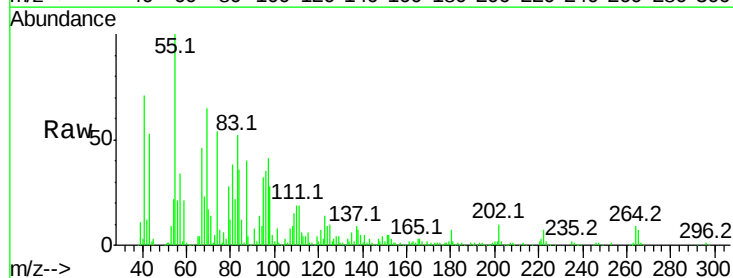
RT: 16.44 min Scan# 2525

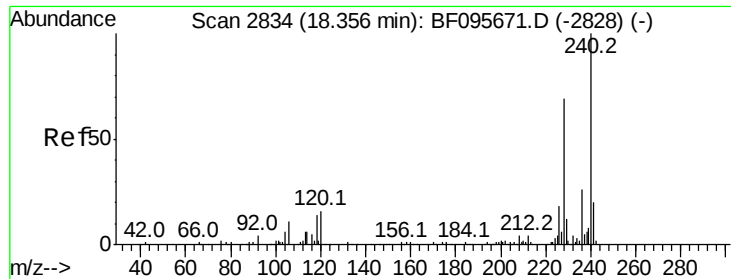
Delta R.T. -0.02 min

Lab File: BF095864.D

Acq: 10 Jun 2017 23:57

Tgt Ion:	202	Resp:	26376
Ion Ratio	Lower	Upper	
202	100		
101	84.8	0.0	33.2#
203	21.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.34 min Scan# 2848

Delta R.T. -0.02 min

Lab File: BF095864.D

Acq: 10 Jun 2017 23:57

Instrument :

BNA_F

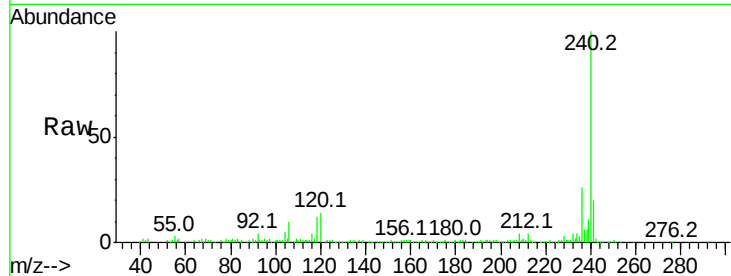
ClientSampleId :

SU-03-060917

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	26.2	20.5	30.7

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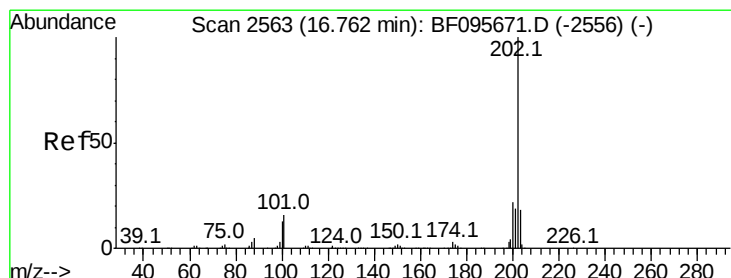
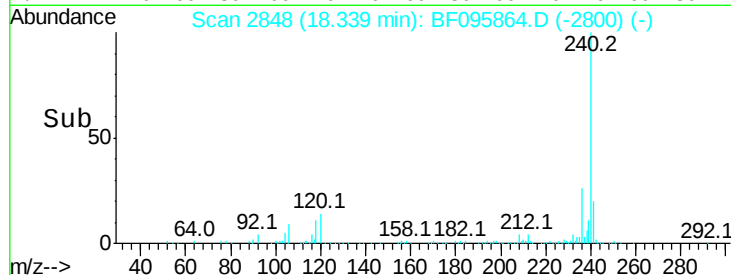
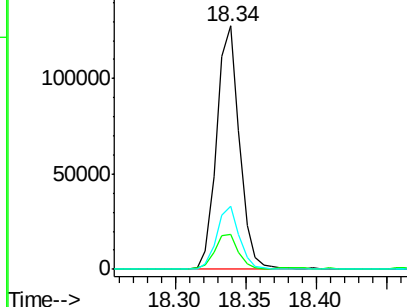
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.07 ng

RT: 16.74 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BF095864.D

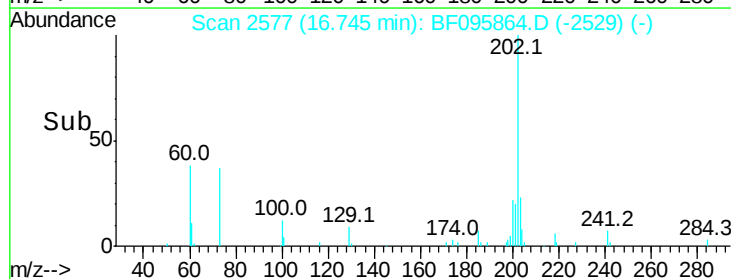
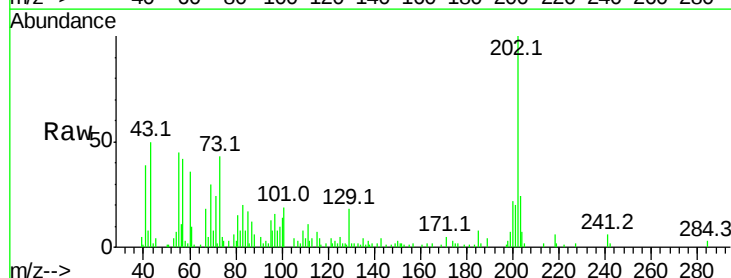
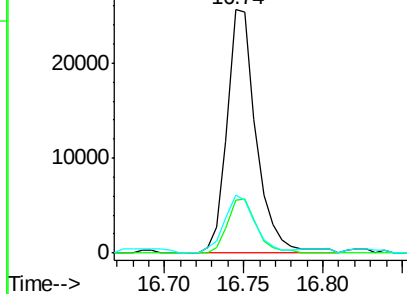
Acq: 10 Jun 2017 23:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	23.7	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





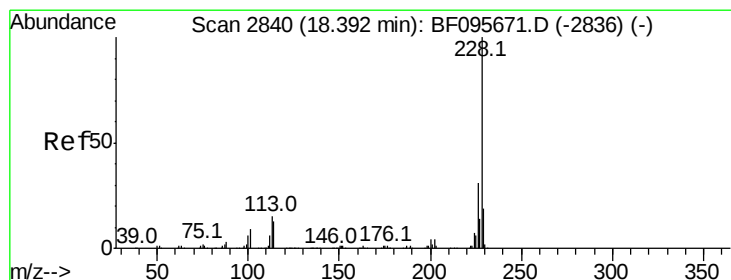
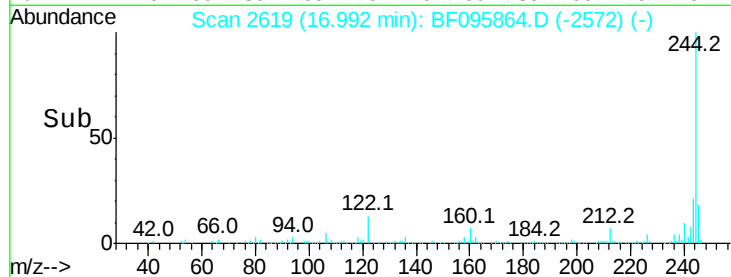
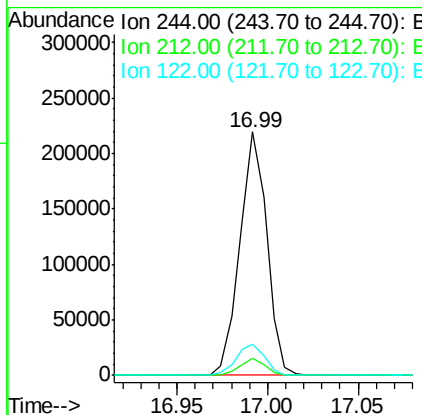
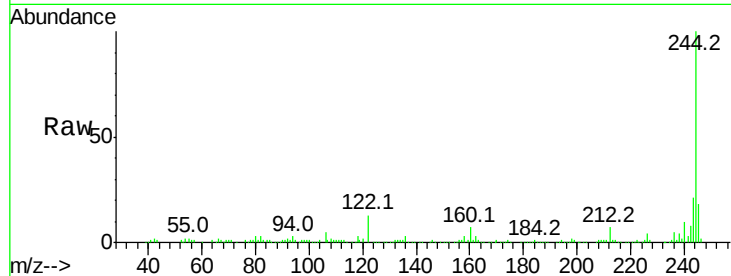
#78
 Terphenyl-d14
 Concen: 39.18 ng
 RT: 16.99 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BF095864.D
 Acq: 10 Jun 2017 23:57

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-060917

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.0	10.3	15.5

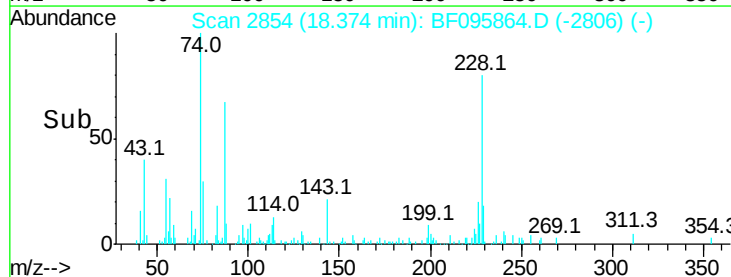
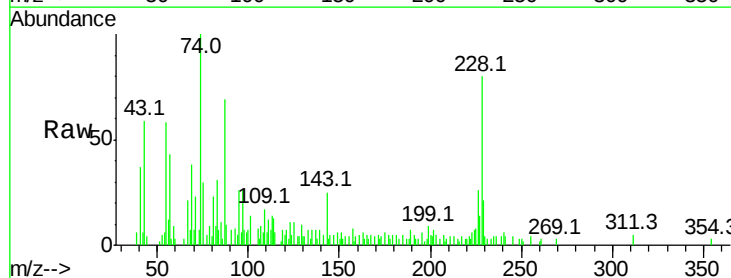
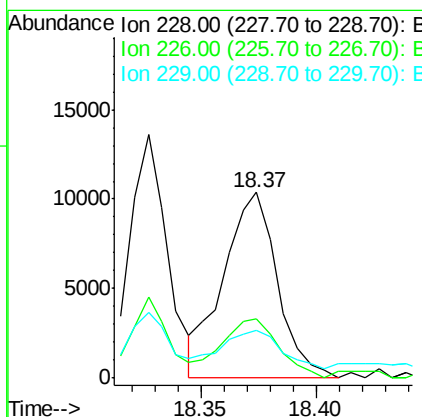
Manual Integrations
 APPROVED

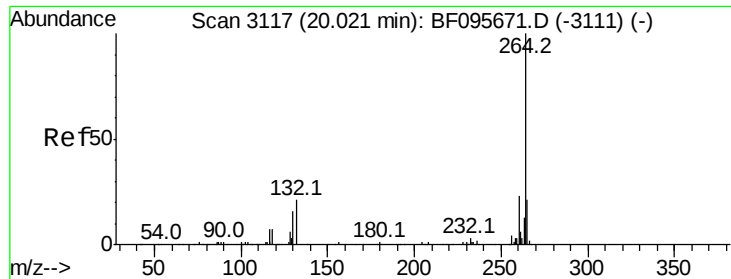
mohammad
 6/12/2017 1:28:37 PM



#82
 Chrysene
 Concen: 2.02 ng
 RT: 18.37 min Scan# 2854
 Delta R.T. -0.02 min
 Lab File: BF095864.D
 Acq: 10 Jun 2017 23:57

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.0	24.9	37.3
229	25.5	15.8	23.6





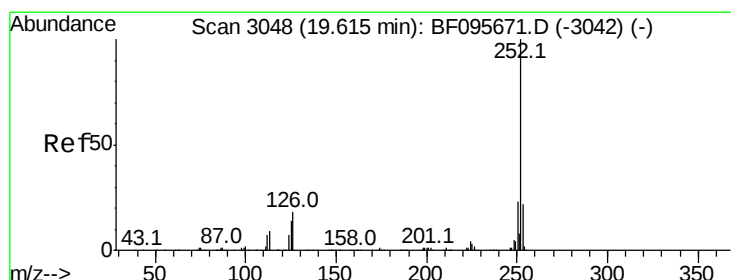
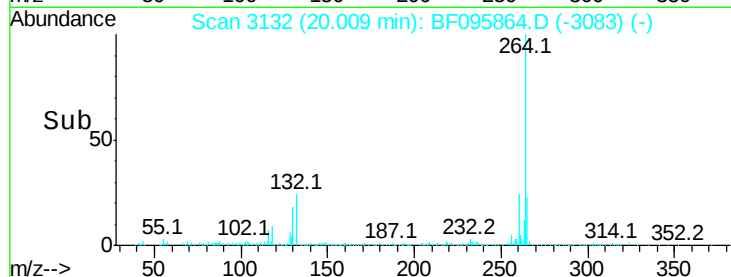
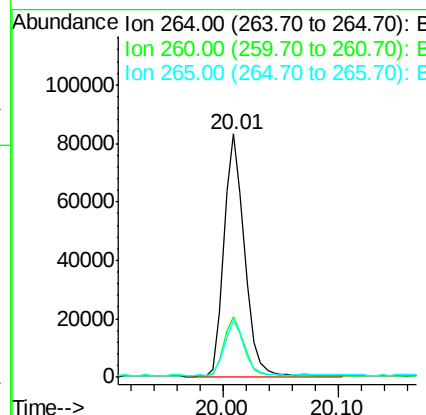
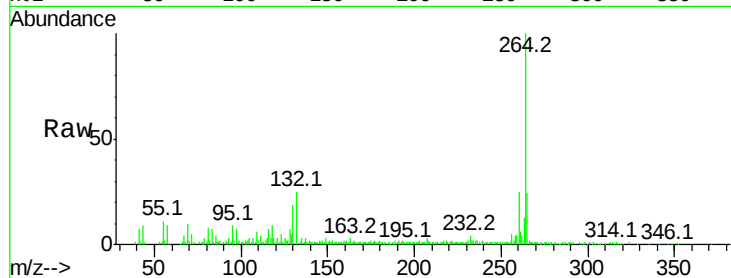
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.01 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095864.D
Acq: 10 Jun 2017 23:57

Instrument :
BNA_F
ClientSampleId :
SU-03-060917

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	23.5	17.2	25.8

Manual Integrations
APPROVED

mohammad
6/12/2017 1:28:37 PM



#87
Benzo(b)fluoranthene
Concen: 2.33 ng m
RT: 19.61 min Scan# 3064
Delta R.T. -0.01 min
Lab File: BF095864.D
Acq: 10 Jun 2017 23:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.3	18.1	27.1#
125	29.1	9.8	14.8#

