

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
 Data File : BF095710.D
 Acq On : 6 Jun 2017 15:40
 Operator : SJ/MA
 Sample : I3465-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-S8-WSW

Manual Integrations
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mohammad
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Quant Time: Jun 07 10:56:09 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	7.39	152	104496	20.00	ng	-0.01
21) Naphthalene-d8	9.42	136	358401	20.00	ng	-0.01
38) Acenaphthene-d10	12.26	164	146935	20.00	ng	0.00
63) Phenanthrene-d10	14.66	188	215499	20.00	ng	0.01
75) Chrysene-d12	18.36	240	161001	20.00	ng	0.00
86) Perylene-d12	20.01	264	143663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	952349	145.22	ng	-0.01
7) Phenol-d6	6.95	99	1156953	147.37	ng	-0.01
23) Nitrobenzene-d5	8.30	82	649328	112.52	ng	-0.02
41) 2,4,6-Tribromophenol	13.56	330	171427	131.86	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	839872	79.54	ng	0.00
78) Terphenyl-d14	17.02	244	576506	88.86	ng	0.00
Target Compounds						
31) Naphthalene	9.46	128	37562	2.088	ng	# 90
37) 2-Methylnaphthalene	10.59	142	26853	2.210	ng	# 76
49) Dimethylphthalate	11.90	163	218314	19.569	ng	# 99

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

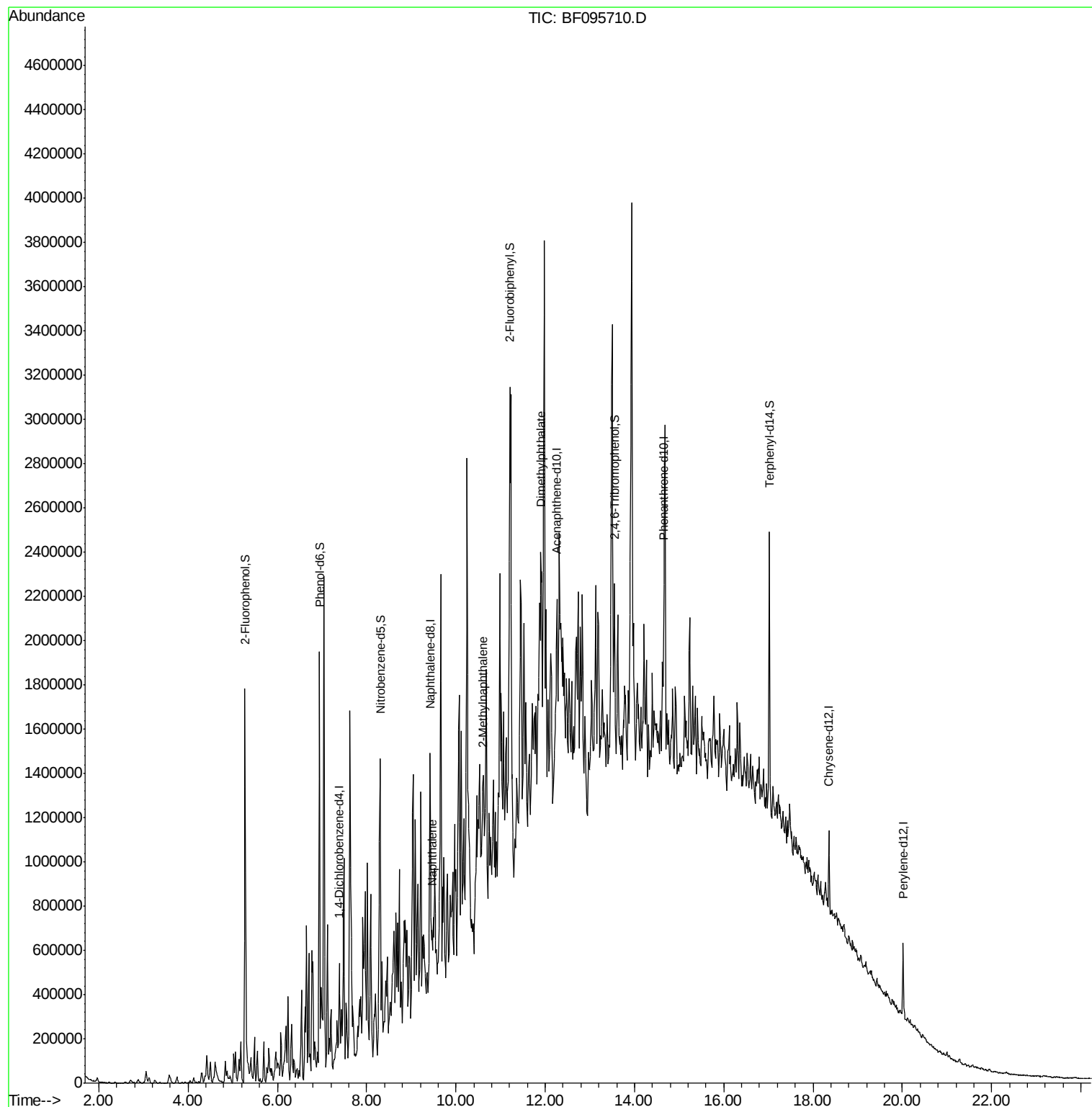
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
Data File : BF095710.D
Acq On : 6 Jun 2017 15:40
Operator : SJ/MA
Sample : I3465-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

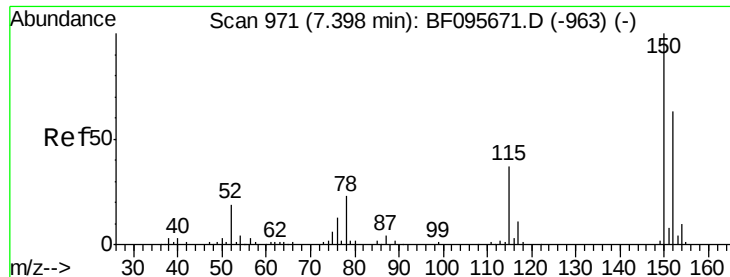
Instrument :
BNA_F
ClientSampleId :
E2-S8-WSW

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Quant Time: Jun 07 10:56:09 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





#1

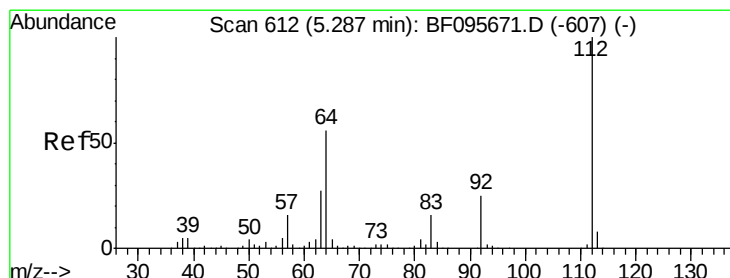
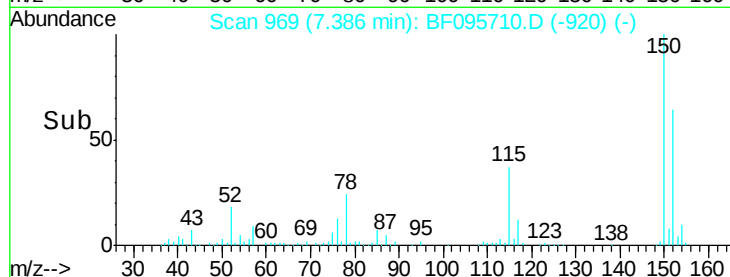
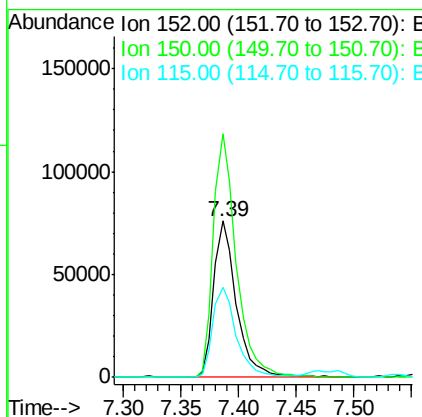
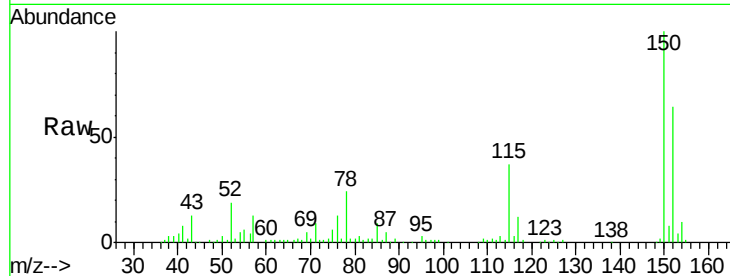
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF095710.D
Acq: 6 Jun 2017 15:40

Instrument :
BNA_F
ClientSampleId :
E2-S8-WSW

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	57.3	52.2	78.2

Manual Integrations
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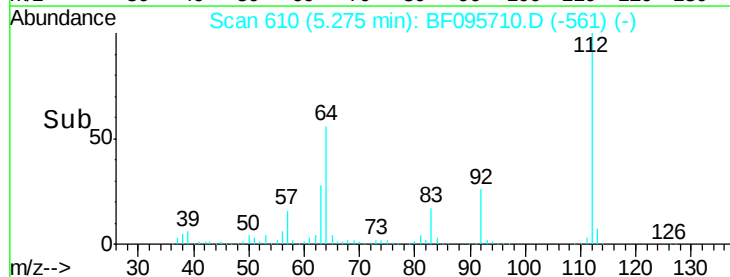
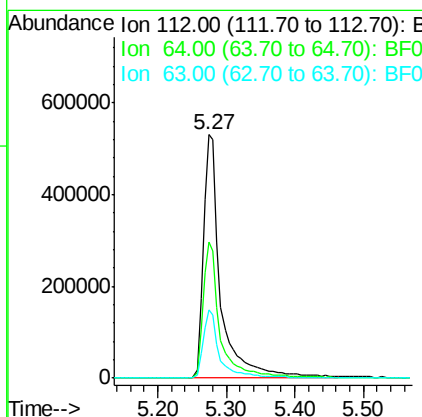
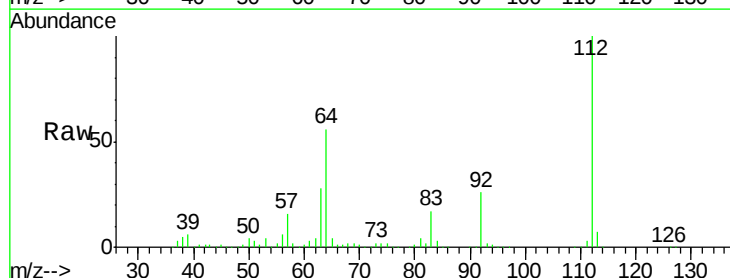
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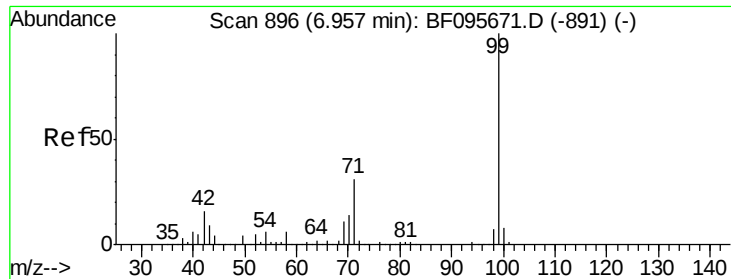


#5

2-Fluorophenol
Concen: 145.223 ng
RT: 5.27 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF095710.D
Acq: 6 Jun 2017 15:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.0	69.0
63	27.8	23.4	35.0





#7

Phenol-d6

Concen: 147.367 ng

RT: 6.95 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF095710.D

Acq: 6 Jun 2017 15:40

Instrument :

BNA_F

ClientSampleId :

E2-S8-WSW

Tgt Ion: 99 Resp: 1156953

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

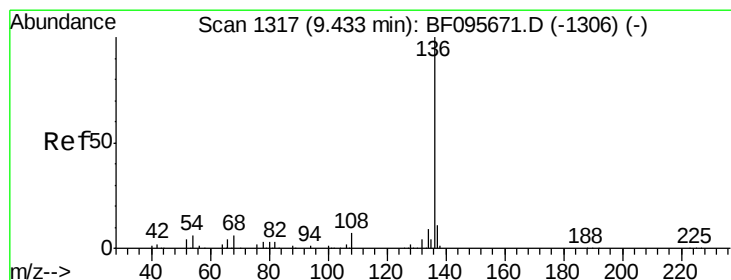
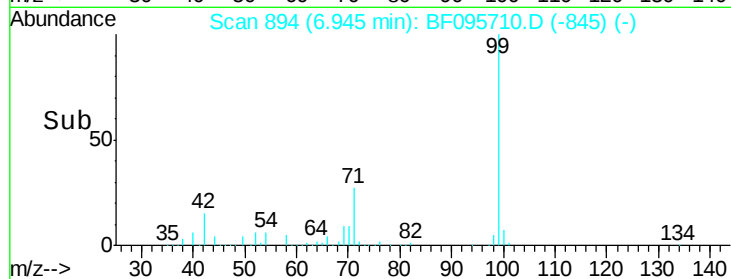
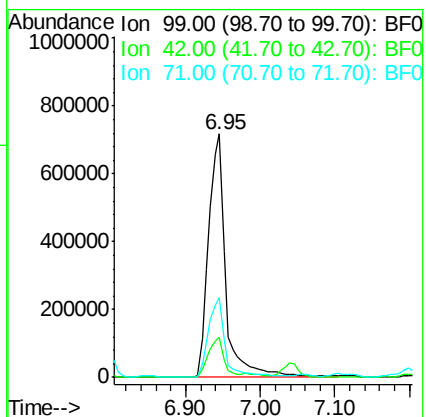
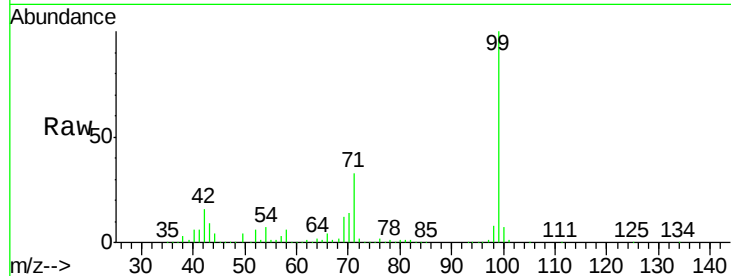
71 32.8 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.42 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF095710.D

Acq: 6 Jun 2017 15:40

Tgt Ion: 136 Resp: 358401

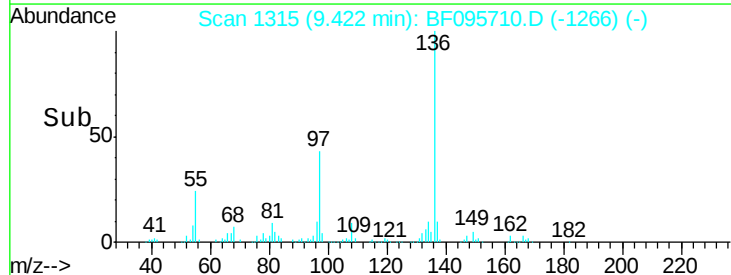
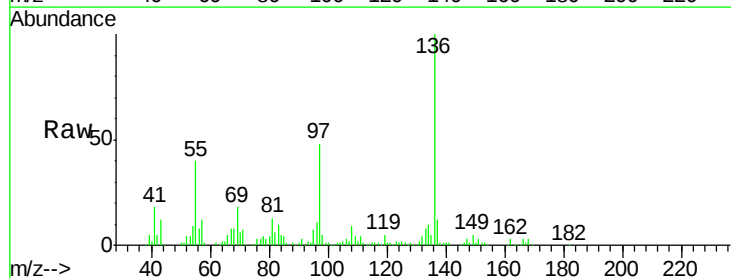
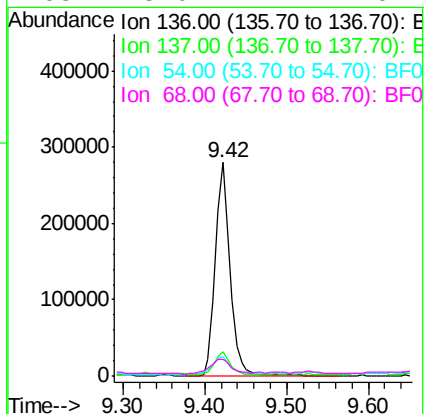
Ion Ratio Lower Upper

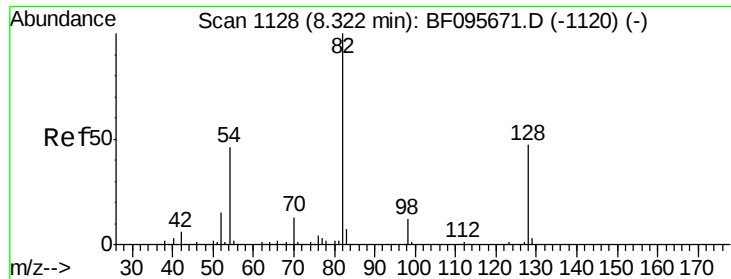
136 100

137 11.6 8.5 12.7

54 9.1 4.9 7.3#

68 8.0 4.1 6.1#





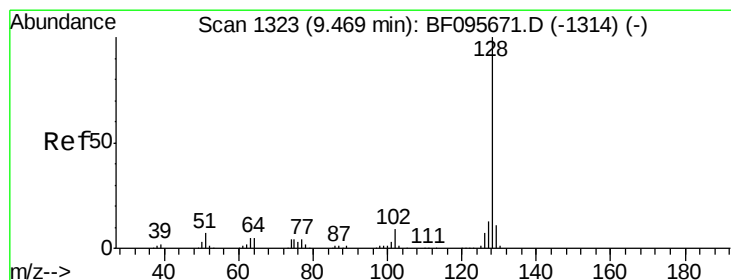
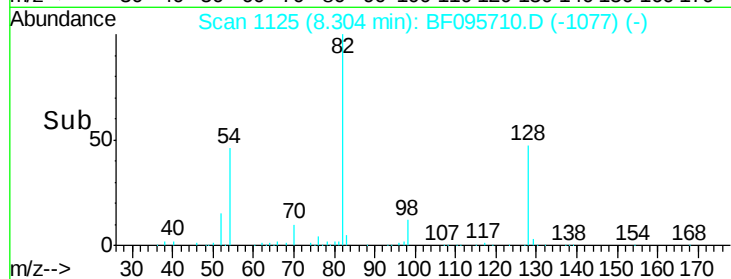
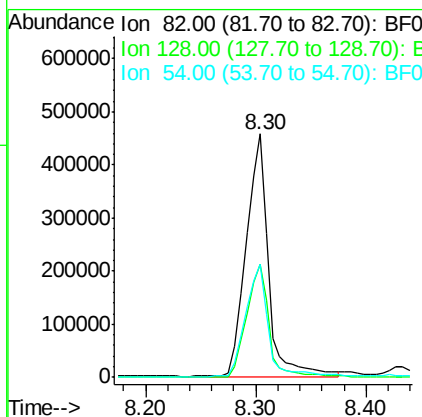
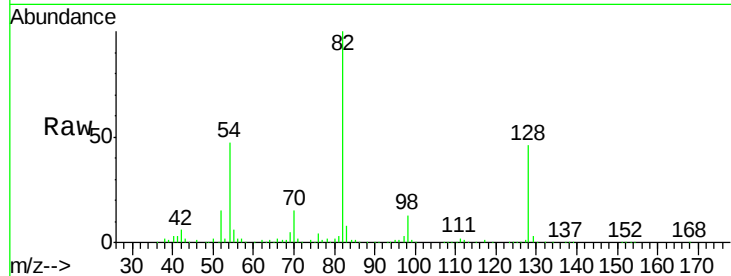
#23
 Nitrobenzene-d5
 Concen: 112.517 ng
 RT: 8.30 min Scan# 1125
 Delta R.T. -0.02 min
 Lab File: BF095710.D
 Acq: 6 Jun 2017 15:40

Instrument :
 BNA_F
 ClientSampleId :
 E2-S8-WSW

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	46.5	42.2	63.2

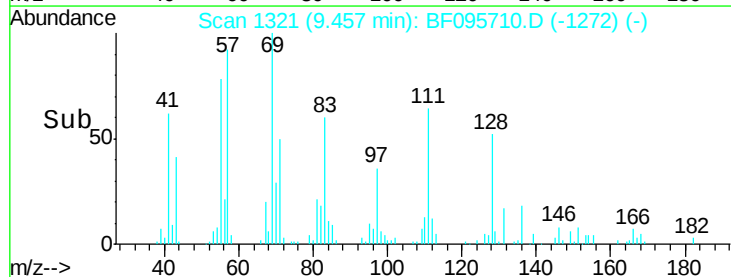
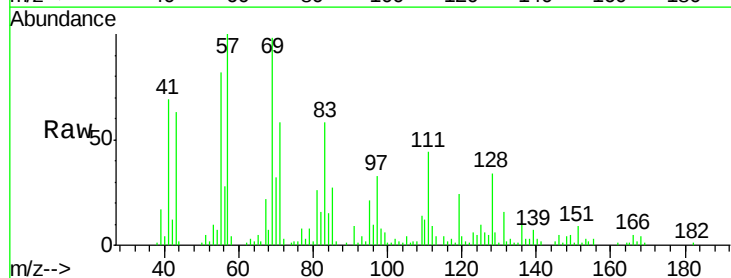
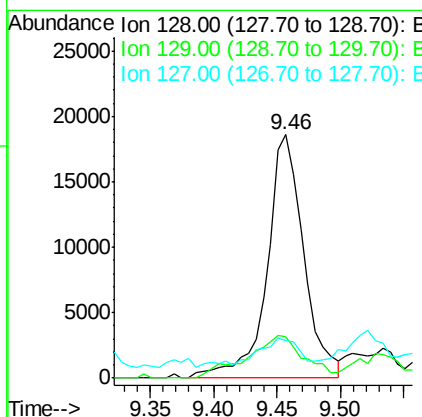
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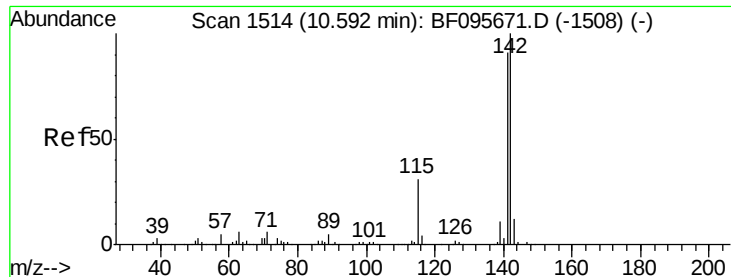
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#31
 Naphthalene
 Concen: 2.088 ng
 RT: 9.46 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF095710.D
 Acq: 6 Jun 2017 15:40

Tgt Ion	Ratio	Lower	Upper
128	100		
129	17.2	9.0	13.6#
127	15.4	10.8	16.2





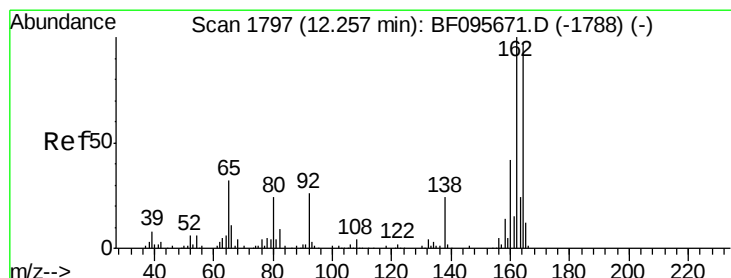
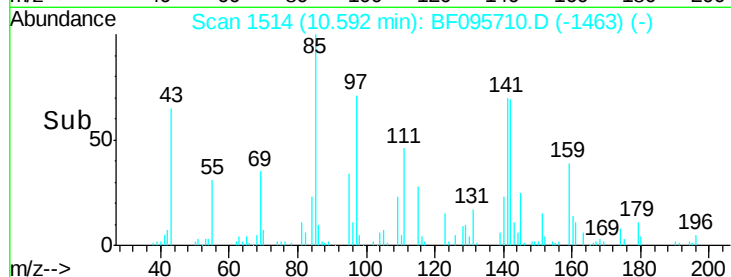
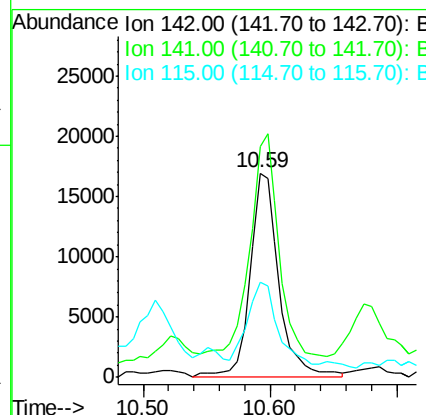
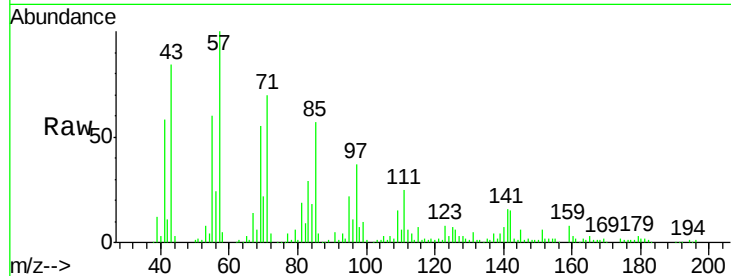
#37
2-Methylnaphthalene
Concen: 2.210 ng
RT: 10.59 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF095710.D
Acq: 6 Jun 2017 15:40

Instrument :
BNA_F
ClientSampled :
E2-S8-WSW

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	26853		
141	112.7	71.3	106.9#	
115	46.6	27.1	40.7#	

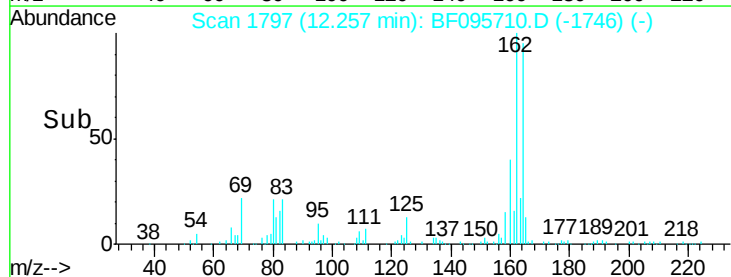
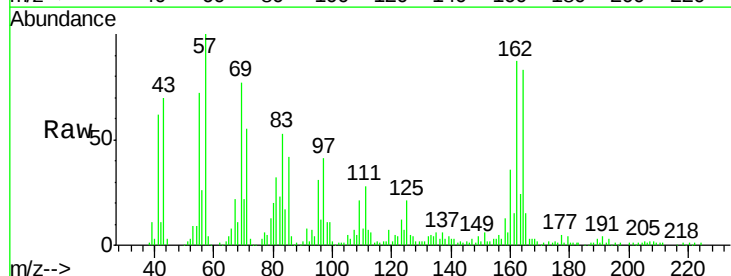
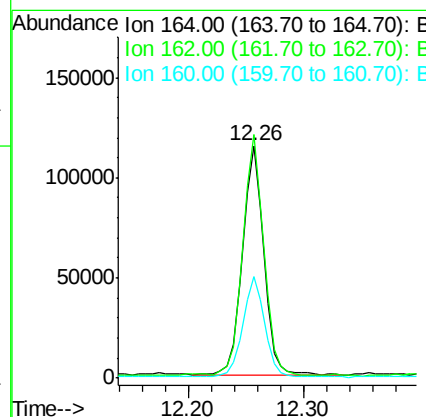
Manual Integrations
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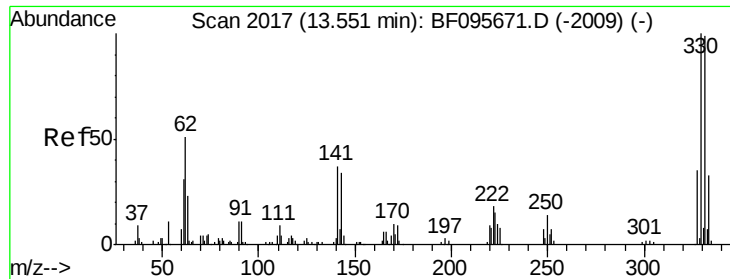
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.26 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BF095710.D
Acq: 6 Jun 2017 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	146935		
162	104.7	82.6	123.8	
160	43.6	36.2	54.2	





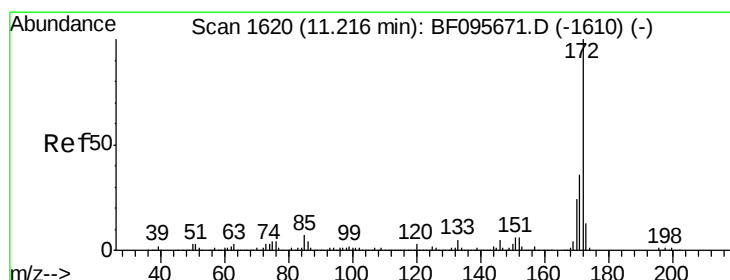
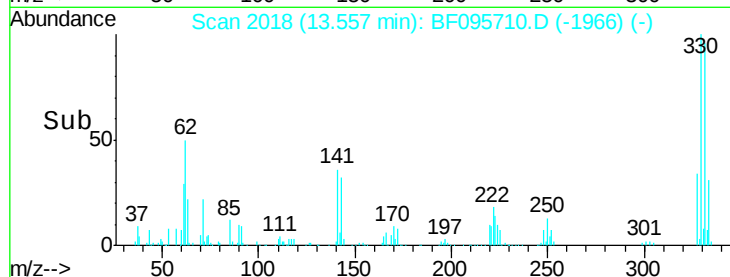
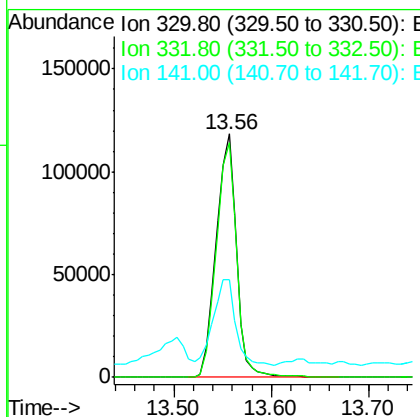
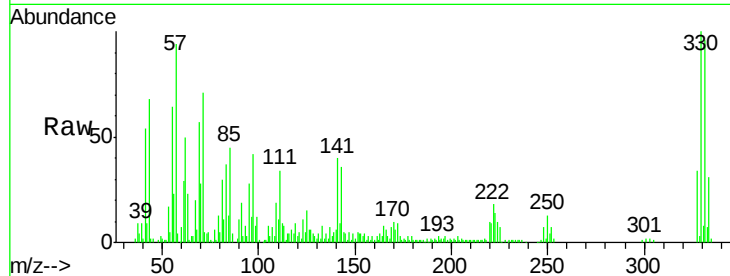
#41
 2,4,6-Tribromophenol
 Concen: 131.864 ng
 RT: 13.56 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF095710.D
 Acq: 6 Jun 2017 15:40

Instrument :
 BNA_F
 ClientSampleId :
 E2-S8-WSW

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	171427		
332	96.9	76.6	115.0	
141	38.0	31.4	47.2	

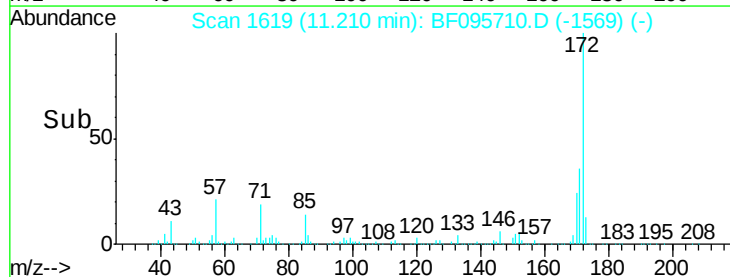
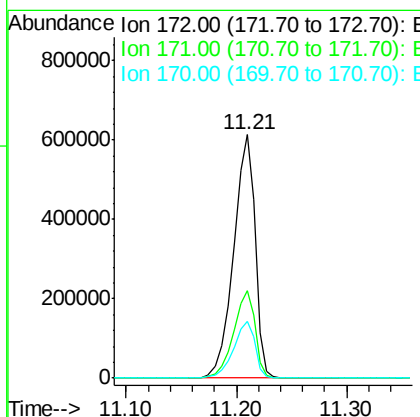
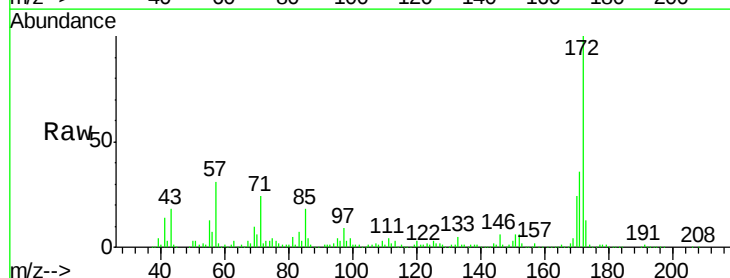
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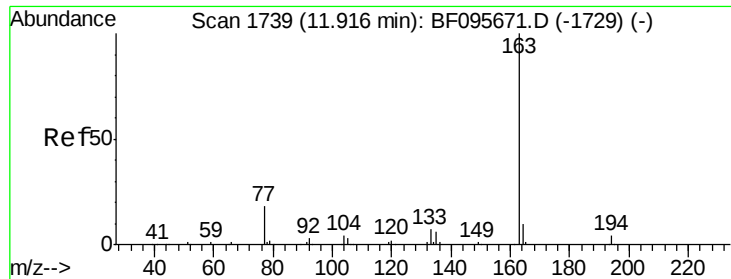
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#44
 2-Fluorobiphenyl
 Concen: 79.542 ng
 RT: 11.21 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF095710.D
 Acq: 6 Jun 2017 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	839872		
171	35.8	29.6	44.4	
170	23.5	19.8	29.8	





#49

Dimethylphthalate

Concen: 19.569 ng

RT: 11.90 min Scan# 1736

Delta R.T. -0.02 min

Lab File: BF095710.D

Acq: 6 Jun 2017 15:40

Instrument :

BNA_F

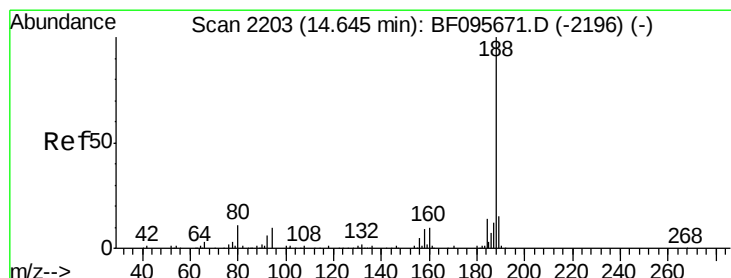
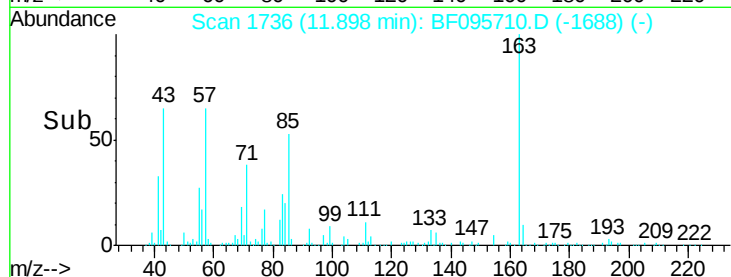
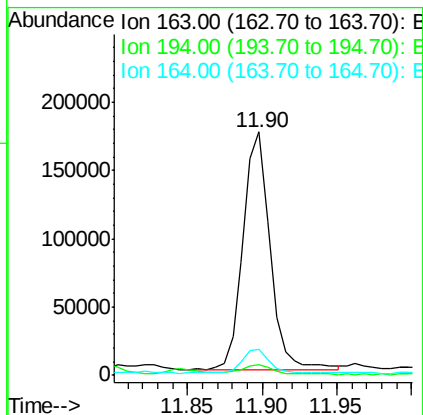
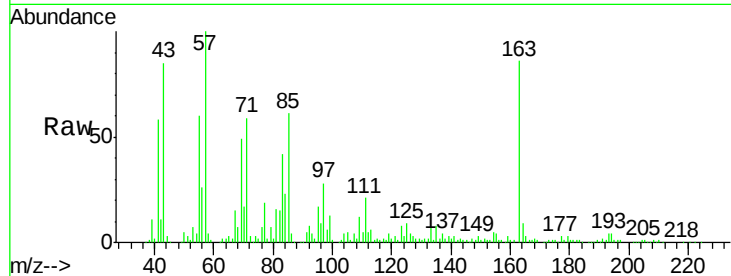
ClientSampleId :

E2-S8-WSW

Tgt Ion:	163	Resp:	218314
Ion Ratio		Lower	Upper
163	100		
194	4.2	2.6	4.0#
164	10.9	8.4	12.6

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#63

Phenanthrene-d10

Concen: 20.000 ng

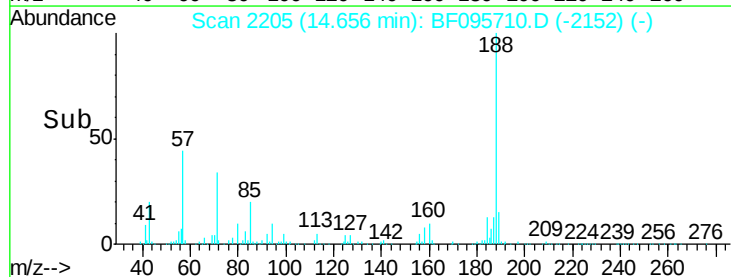
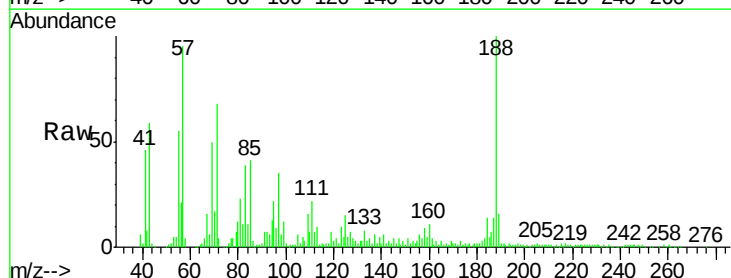
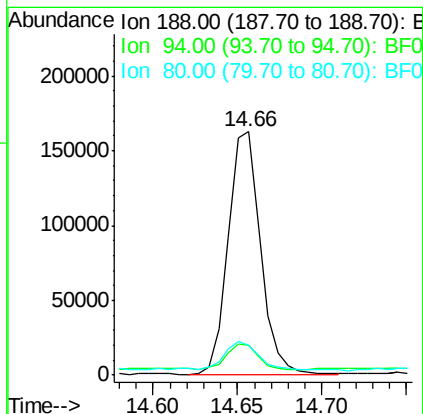
RT: 14.66 min Scan# 2205

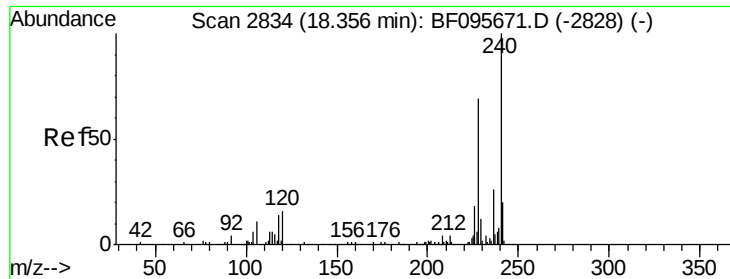
Delta R.T. 0.01 min

Lab File: BF095710.D

Acq: 6 Jun 2017 15:40

Tgt Ion:	188	Resp:	215499
Ion Ratio		Lower	Upper
188	100		
94	12.5	9.4	14.2
80	12.5	10.2	15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.36 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BF095710.D

Acq: 6 Jun 2017 15:40

Instrument :

BNA_F

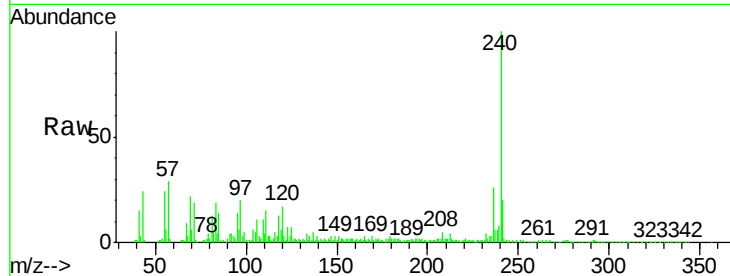
ClientSampleId :

E2-S8-WSW

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.6	5.8	8.8#
236	25.6	20.5	30.7

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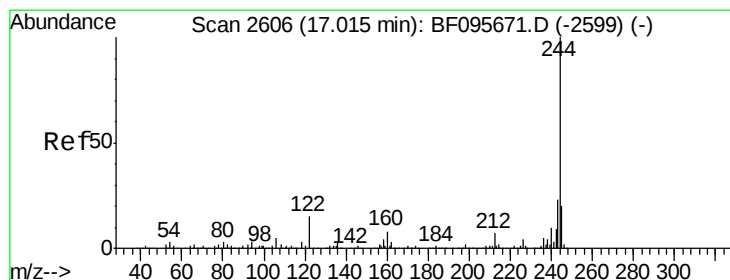
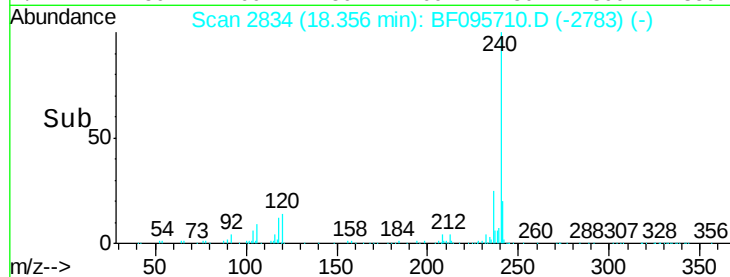
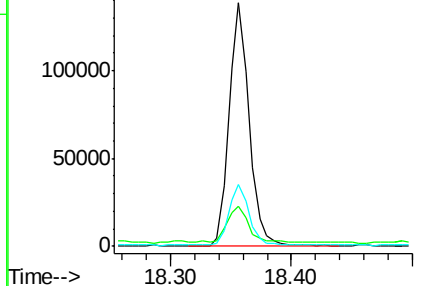
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 88.865 ng

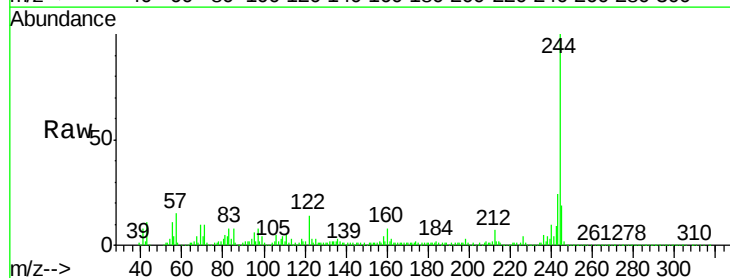
RT: 17.02 min Scan# 2607

Delta R.T. 0.01 min

Lab File: BF095710.D

Acq: 6 Jun 2017 15:40

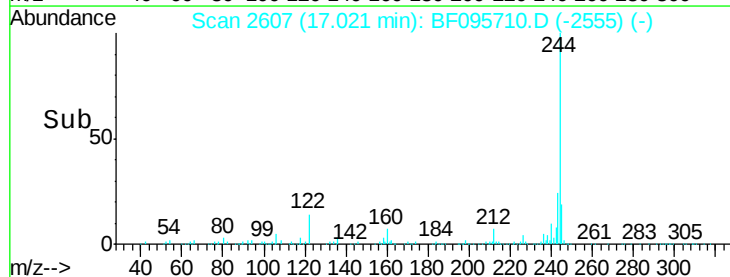
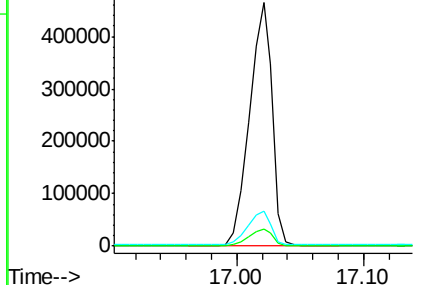
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.5	10.3	15.5

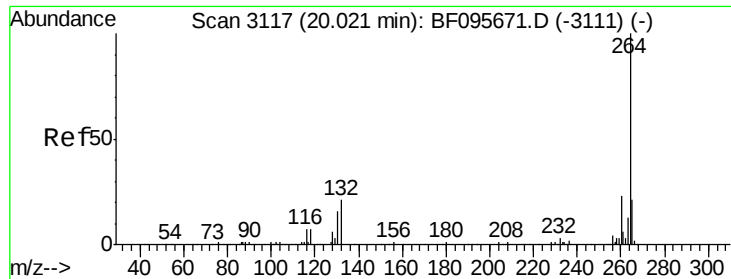


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 20.01 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BF095710.D
Acq: 6 Jun 2017 15:40

Instrument :
BNA_F
ClientSampleId :
E2-S8-WSW

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	143663		
260	24.0	19.5	29.3	
265	20.5	17.2	25.8	

Manual Integrations
APPROVED

mohammad
6/7/2017 2:18:24 PM

