

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093393.D
 Acq On : 4 Mar 2017 8:54
 Operator : SJ/MA
 Sample : I2056-17 2X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 16B-23

Manual Integrations
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mohammad
 3/6/2017 4:23:59 PM

Quant Time: Mar 06 00:53:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Mar 05 23:55:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	185087	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	499982	20.00	ng	0.01
38) Acenaphthene-d10	9.85	164	164301	20.00	ng	0.02
63) Phenanthrene-d10	11.33	188	249907	20.00	ng	0.02
75) Chrysene-d12	13.99	240	175151	20.00	ng	0.03
86) Perylene-d12	15.44	264	181420	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	577834	53.56	ng	0.00
7) Phenol-d6	6.43	99	733396	52.83	ng	-0.01
23) Nitrobenzene-d5	7.36	82	470603	52.42	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	59915	50.42	ng	0.03
44) 2-Fluorobiphenyl	9.16	172	465890	51.37	ng	0.01
78) Terphenyl-d14	12.92	244	203904	27.35	ng	0.03
Target Compounds						
12) 1,3-Dichlorobenzene	6.73	146	35683m	2.56	ng	Qvalue
13) 1,4-Dichlorobenzene	6.81	146	70818	5.02	ng	# 77
37) 2-Methylnaphthalene	8.81	142	111494	6.85	ng	# 86
54) Dibenzofuran	10.05	168	97895m	7.61	ng	

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

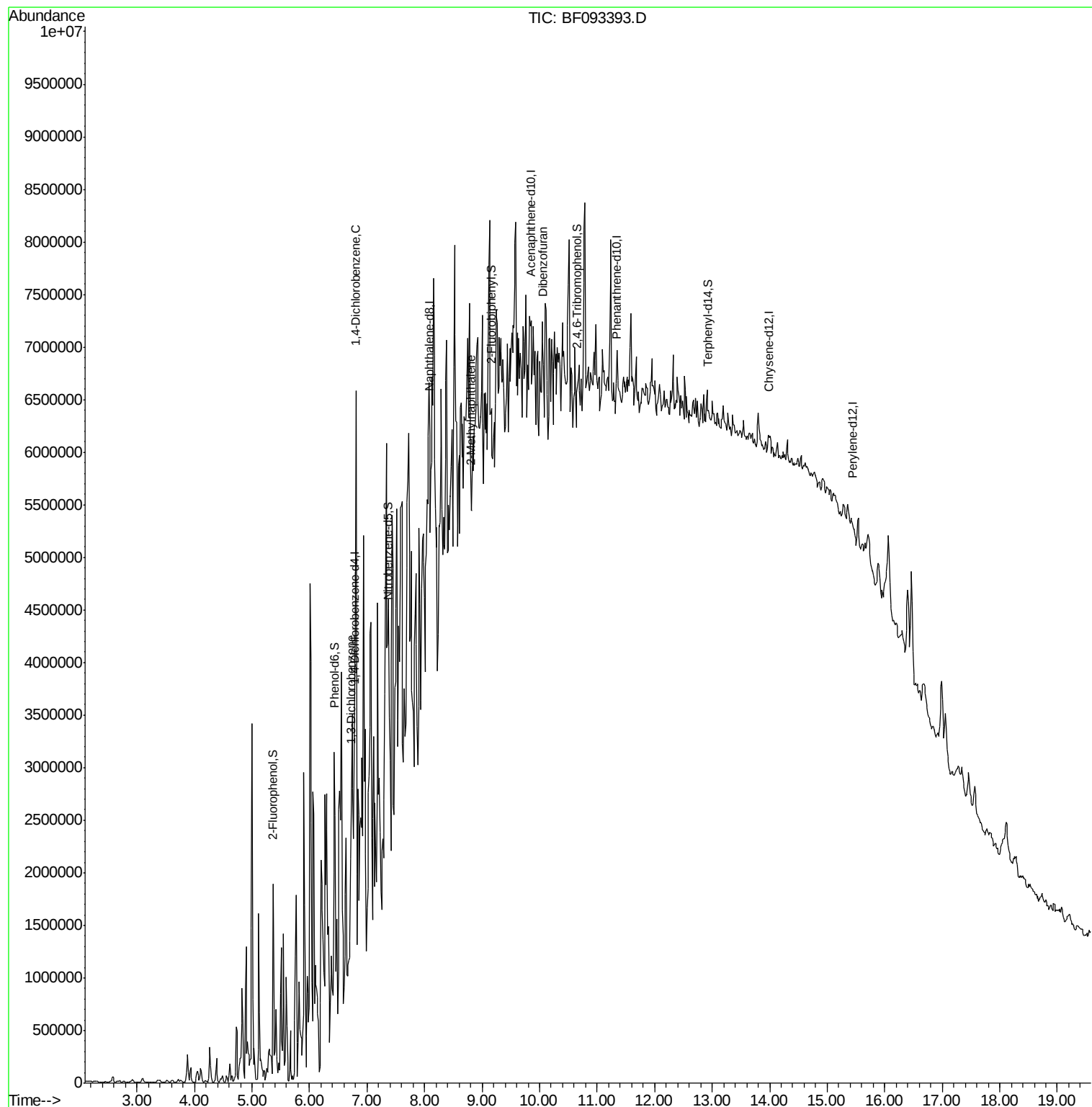
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
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ALS Vial : 32 Sample Multiplier: 1

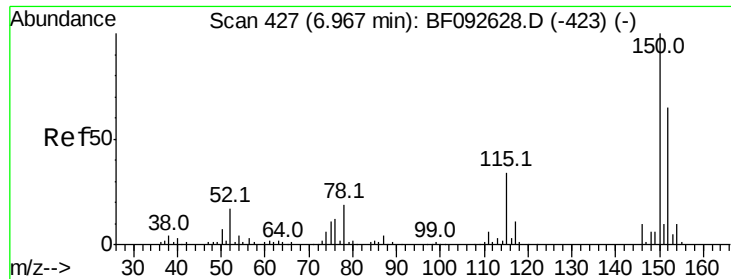
Instrument :
BNA_F
ClientSampleId :
16B-23

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#1

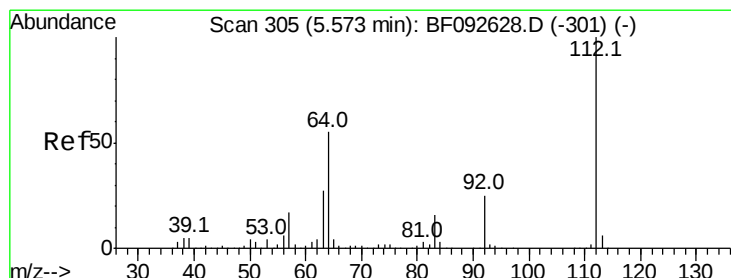
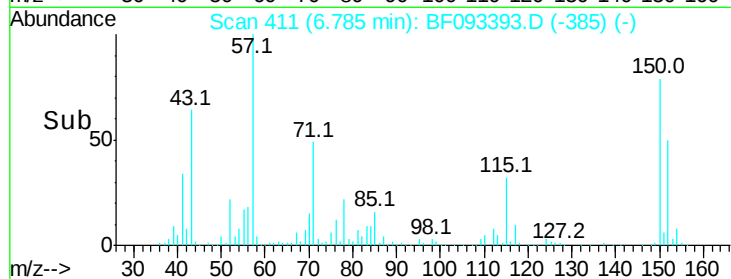
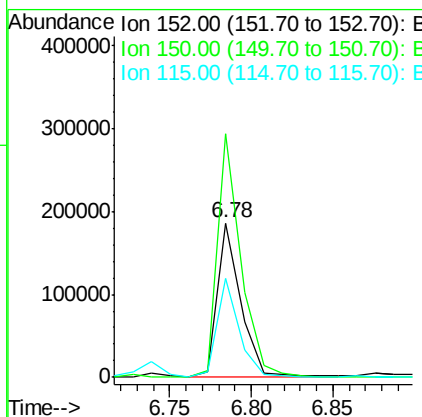
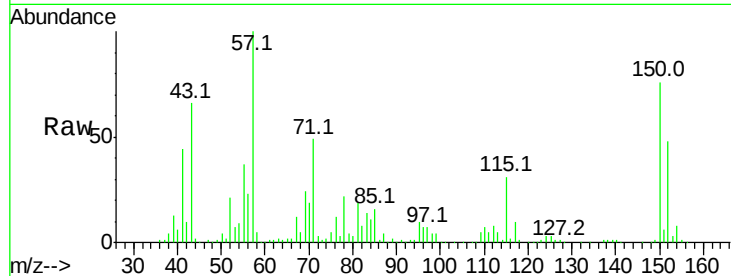
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Instrument :
BNA_F
ClientSampled :
16B-23

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.9	187.3
115	64.1	46.0	69.0

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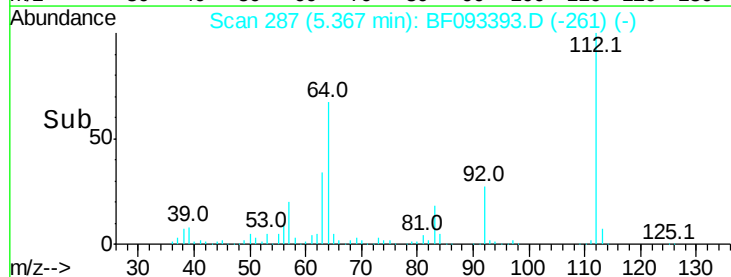
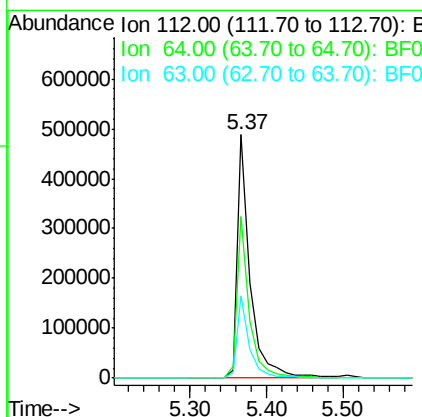
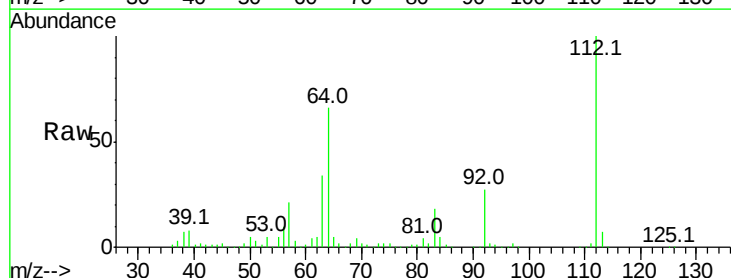
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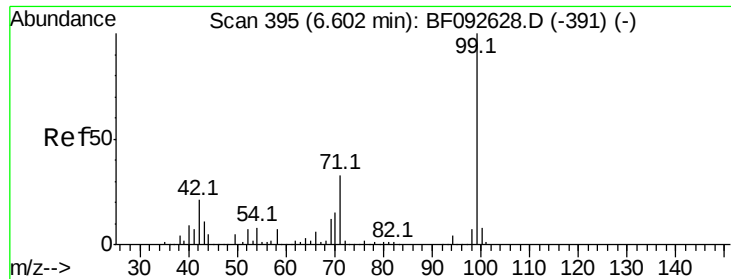


#5

2-Fluorophenol
Concen: 53.56 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	46.1	69.1
63	33.7	23.8	35.6





#7

Phenol-d6

Concen: 52.83 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Instrument :

BNA_F

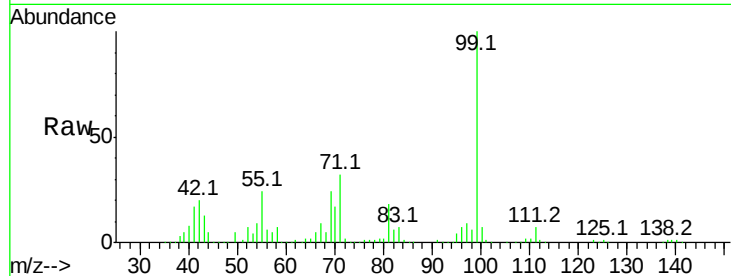
ClientSampleId :

16B-23

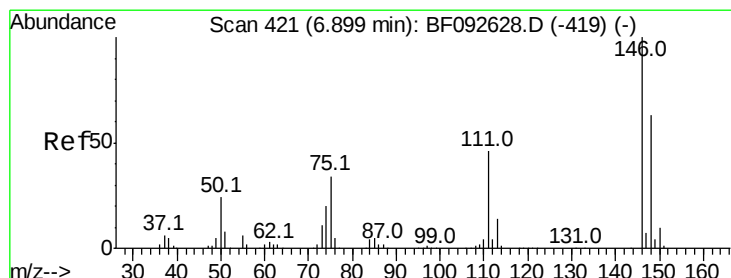
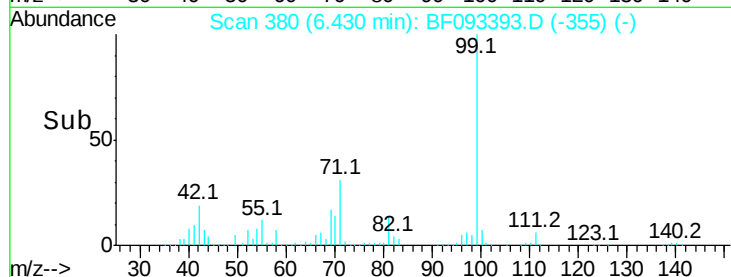
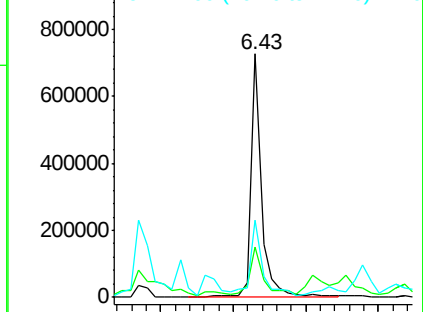
Tot Ion:	99	Resp:	733396
Ion Ratio	Lower	Upper	
99	100		
42	20.5	15.6	23.4
71	31.5	27.5	41.3

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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



#12

1,3-Dichlorobenzene

Concen: 2.56 ng m

RT: 6.73 min Scan# 406

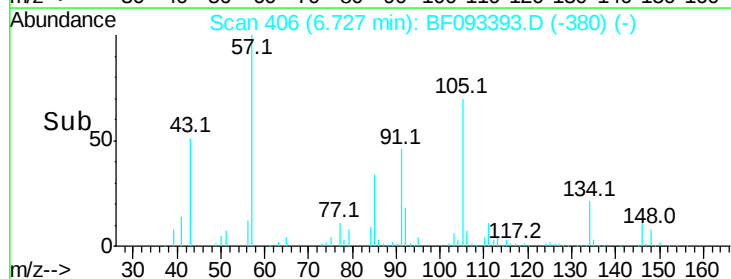
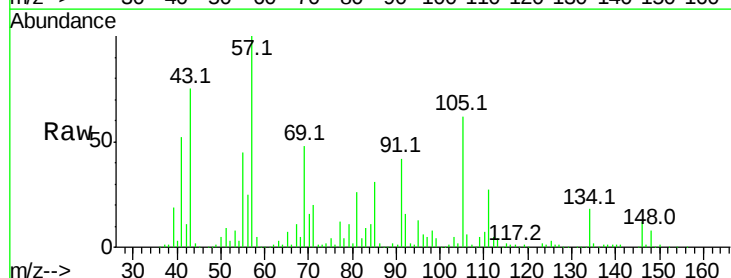
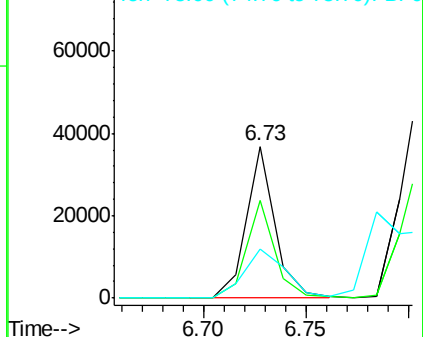
Delta R.T. 0.00 min

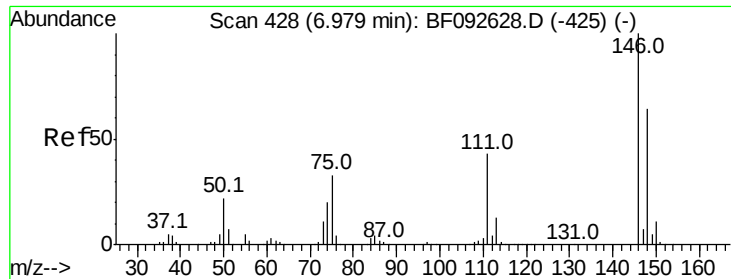
Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Tgt Ion:	146	Resp:	35683
Ion Ratio	Lower	Upper	
146	100		
148	64.0	53.4	80.0
75	32.5	18.5	27.7#

Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





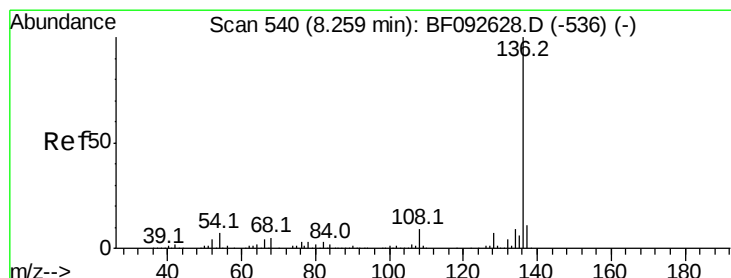
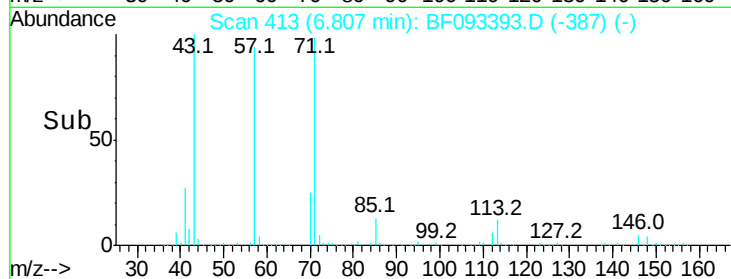
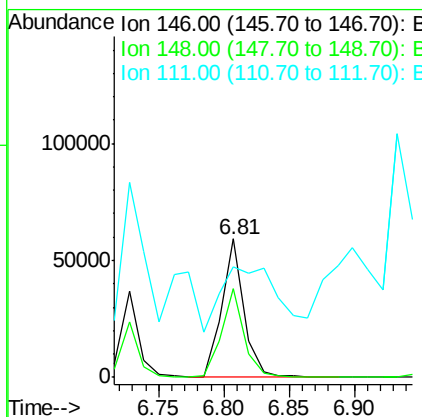
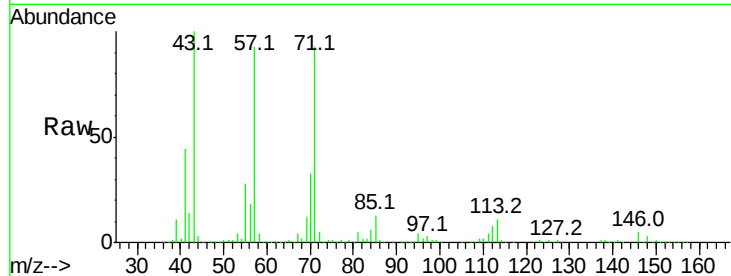
#13
1,4-Dichlorobenzene
Concen: 5.02 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Instrument :
BNA_F
ClientSampled :
16B-23

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	76.0
111	80.2	36.2	54.4

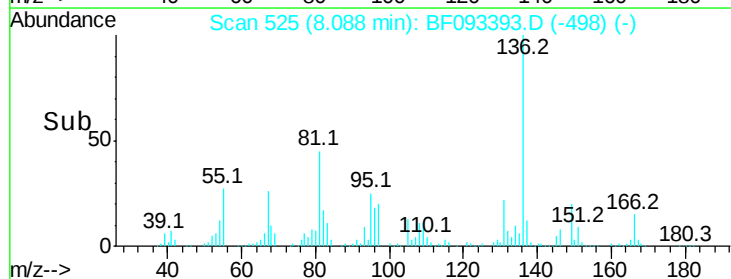
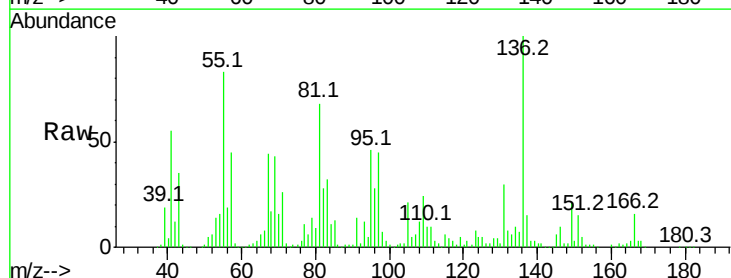
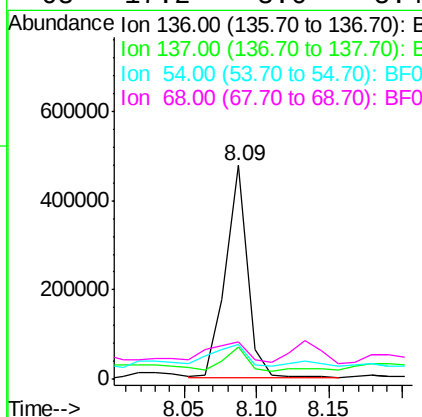
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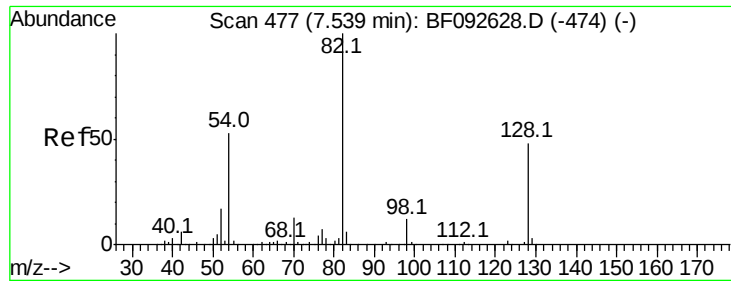
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.01 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Tgt Ion	Ratio	Lower	Upper
136	100		
137	14.8	8.4	12.6
54	16.3	4.5	6.7
68	17.2	3.6	5.4





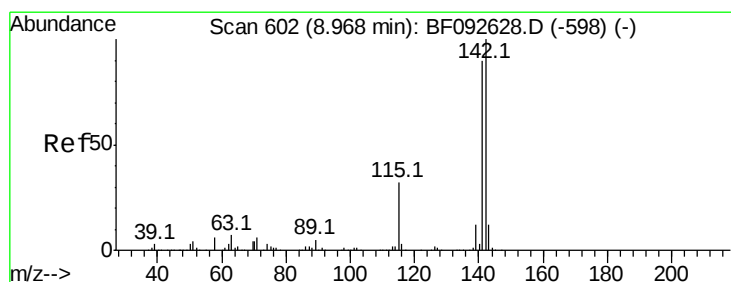
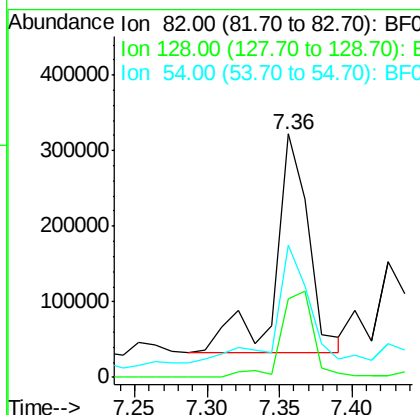
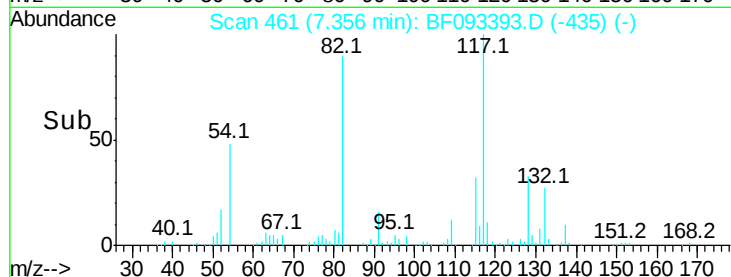
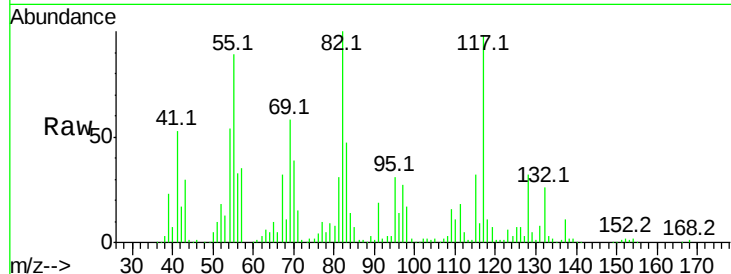
#23
Nitrobenzene-d5
Concen: 52.42 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Instrument :
BNA_F
ClientSampleId :
16B-23

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.3	34.6	52.0#
54	54.3	39.5	59.3

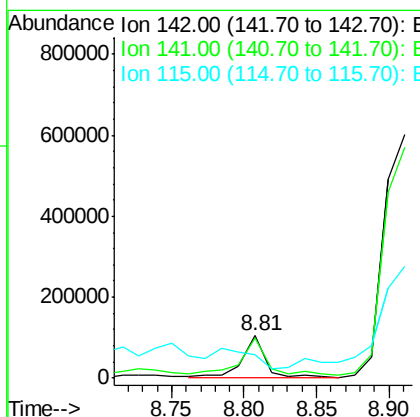
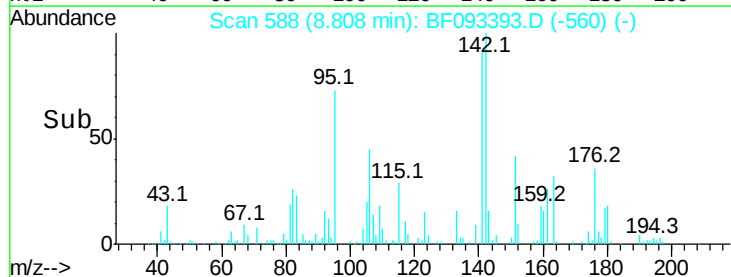
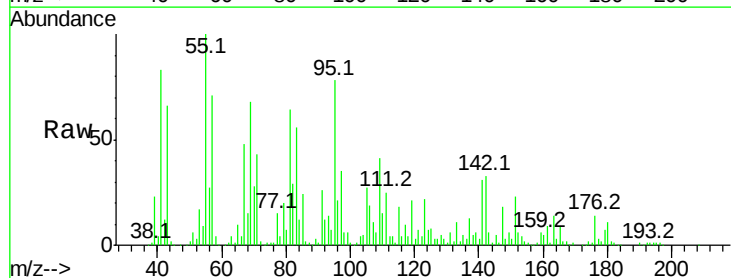
Manual Integrations
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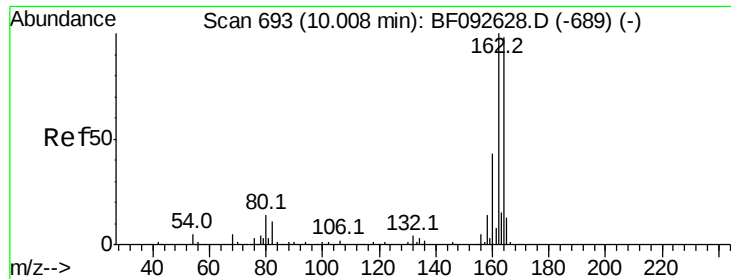
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#37
2-Methylnaphthalene
Concen: 6.85 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.02 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	71.0	106.6
115	54.7	28.3	42.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.02 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Instrument :

BNA_F

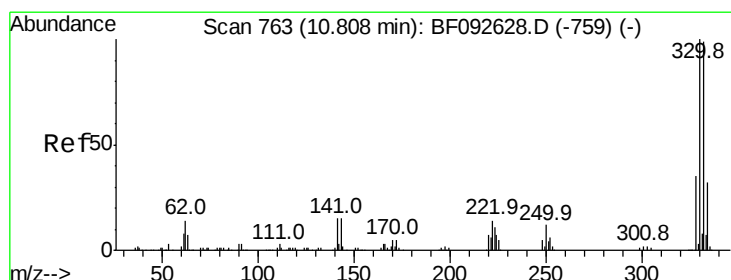
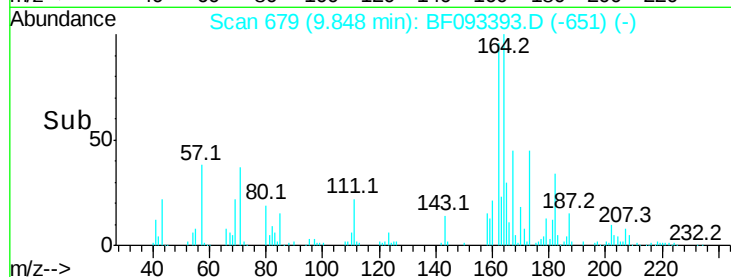
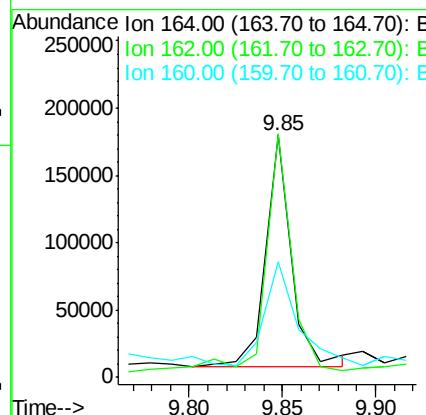
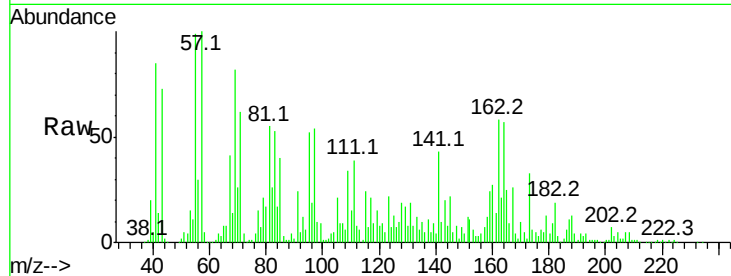
ClientSampleId :

16B-23

Tot Ion:	164	Resp:	164301
Ion Ratio	Lower	Upper	
164	100		
162	100.7	80.2	120.2
160	47.8	36.9	55.3

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#41

2,4,6-Tribromophenol

Concen: 50.42 ng

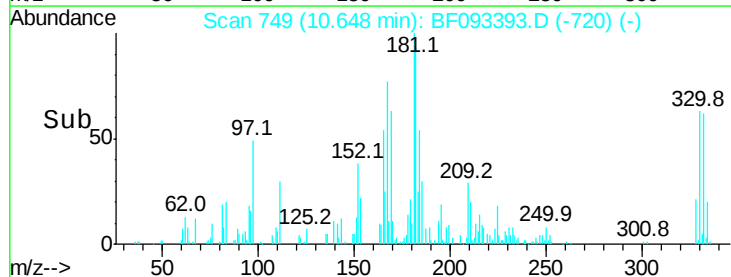
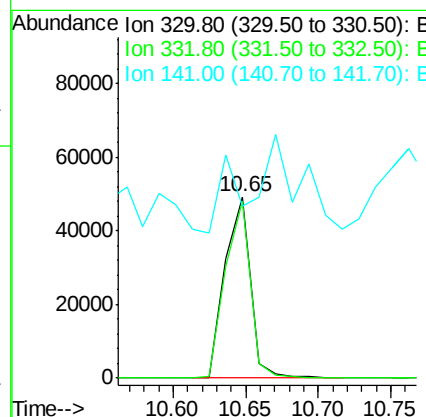
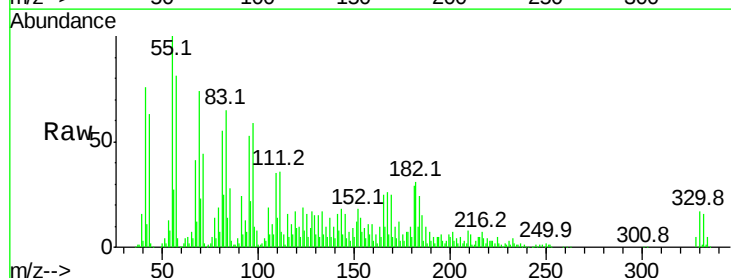
RT: 10.65 min Scan# 749

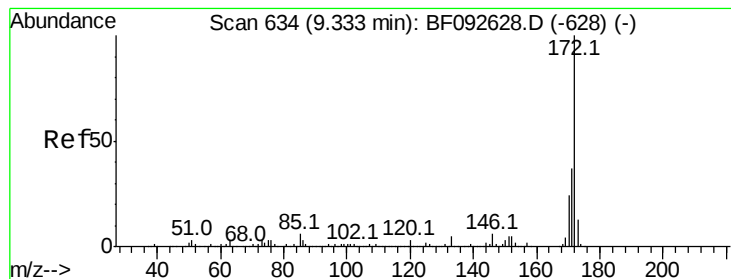
Delta R.T. 0.03 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Tgt Ion:	330	Resp:	59915
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.4	116.2
141	0.0	34.1	51.1#





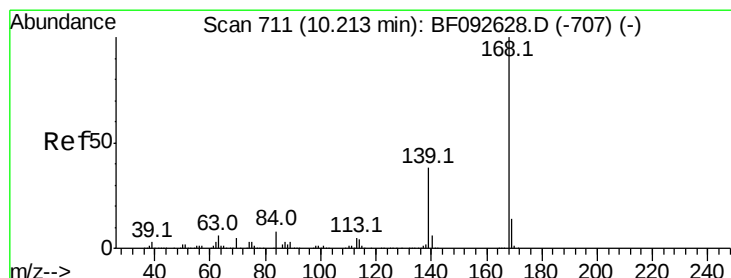
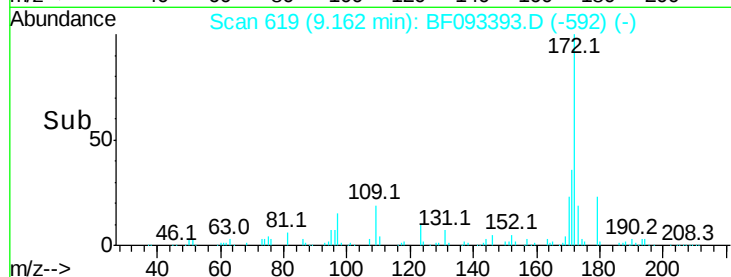
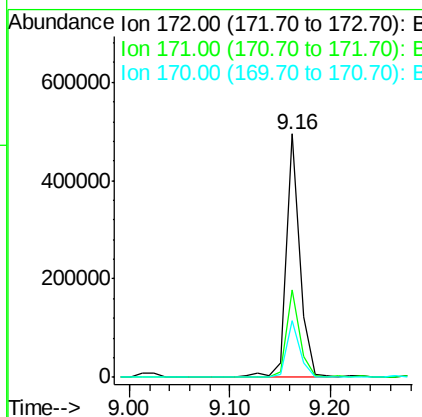
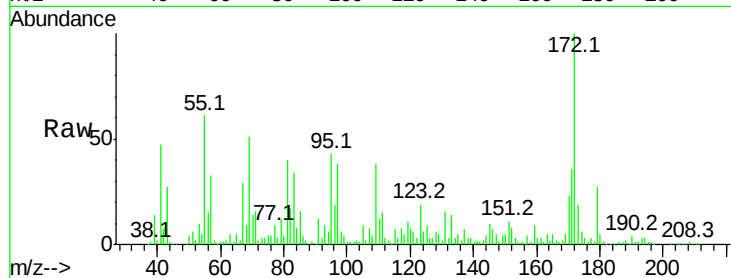
#44
2-Fluorobiphenyl
Concen: 51.37 ng
RT: 9.16 min Scan# 619
Delta R.T. 0.01 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Instrument :
BNA_F
ClientSampleId :
16B-23

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.4	20.2	30.4

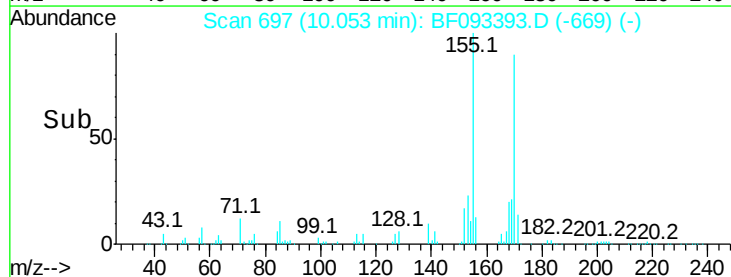
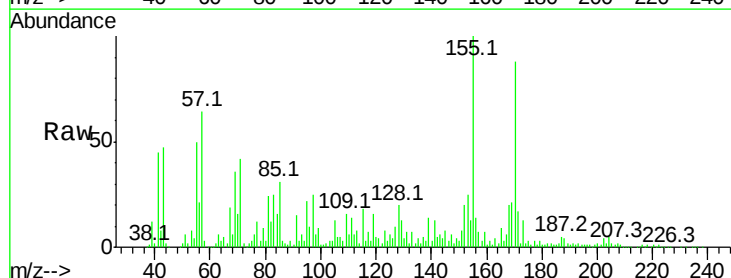
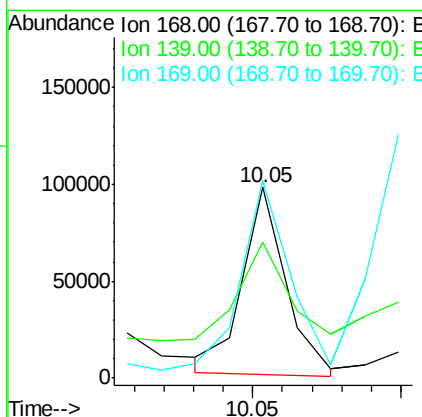
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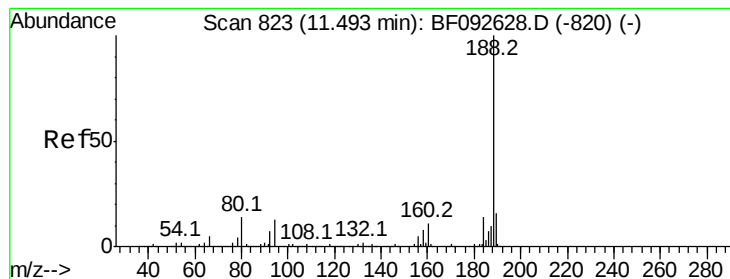
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#54
Dibenzofuran
Concen: 7.61 ng m
RT: 10.05 min Scan# 697
Delta R.T. 0.02 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	71.2	32.6	49.0#
169	103.6	11.3	16.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.02 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Instrument :

BNA_F

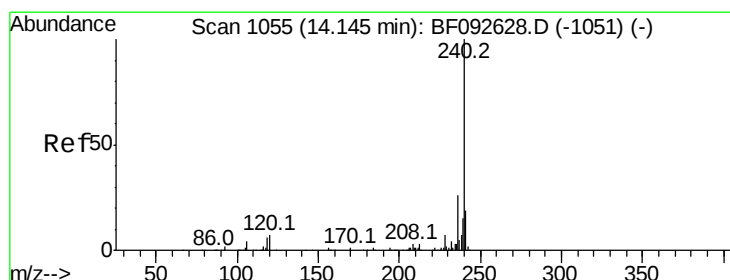
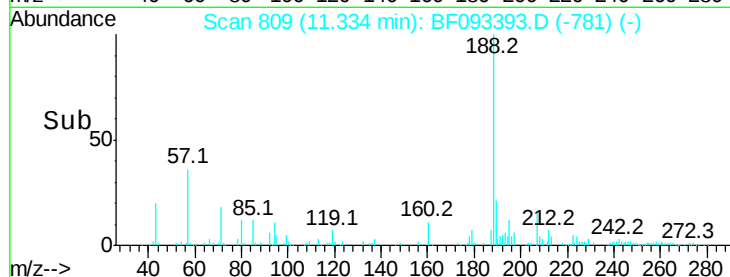
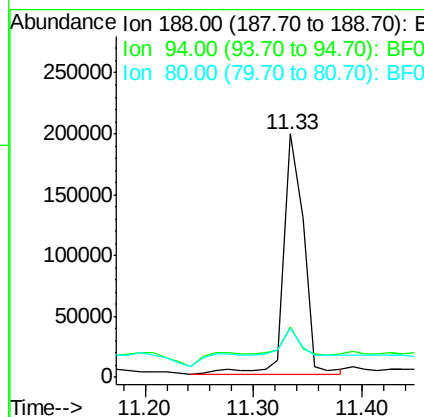
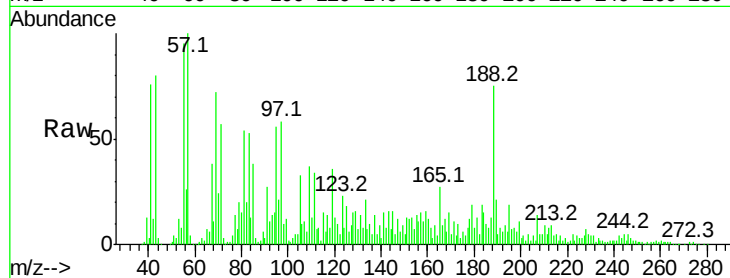
ClientSampleId :

16B-23

Tot Ion:	188	Resp:	249907
Ion Ratio	Lower	Upper	
188	100		
94	20.5	10.0	15.0#
80	20.0	11.2	16.8#

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

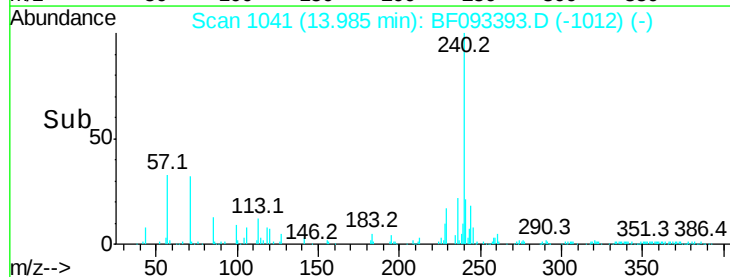
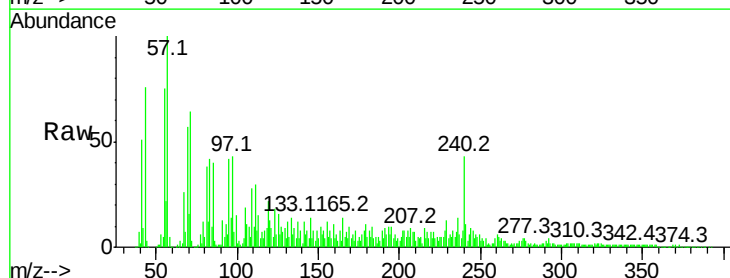
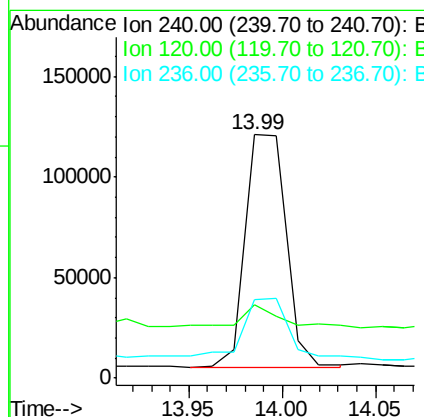
RT: 13.99 min Scan# 1041

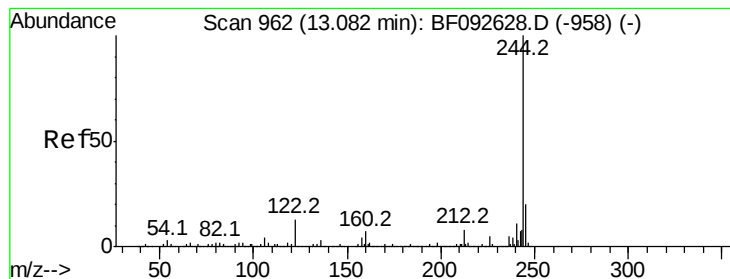
Delta R.T. 0.03 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Tgt Ion:	240	Resp:	175151
Ion Ratio	Lower	Upper	
240	100		
120	30.1	12.9	19.3#
236	32.0	20.9	31.3#





#78

Terphenyl-d14

Concen: 27.35 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.03 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Instrument :

BNA_F

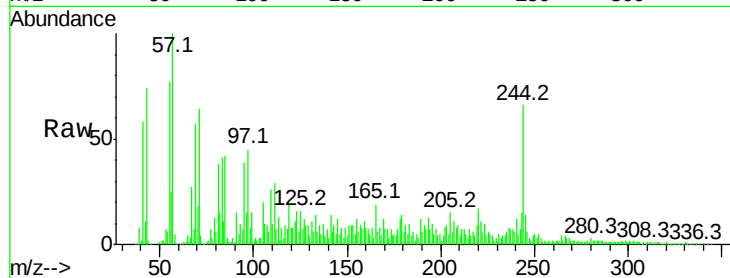
ClientSampled :

16B-23

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.8	6.2	9.2#
122	15.9	11.4	17.2

Manual Integrations
APPROVED

mohammad
3/6/2017 4:23:59 PM

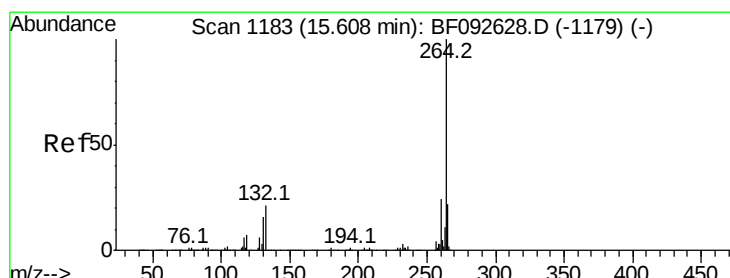
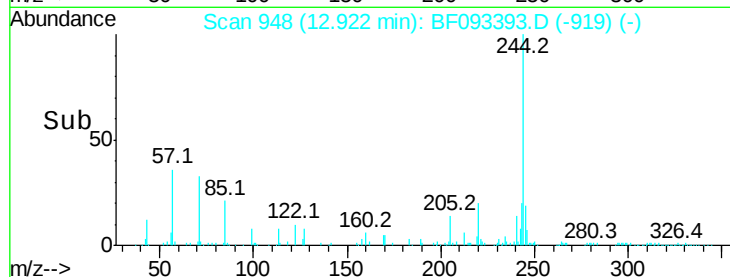
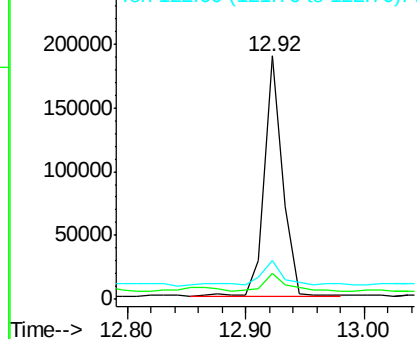


Abundance

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: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. 0.08 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.9	19.2	28.8
265	26.9	17.4	26.0#

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

