

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099281.D
 Acq On : 10 Oct 2017 00:03
 Operator : SJ/JU
 Sample : I5651-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-1(0-5)

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:00:43 PM

Quant Time: Oct 10 04:25:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	106644	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	432493	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	184472	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	276468	20.00	ng	0.00
75) Chrysene-d12	14.03	240	186815	20.00	ng	0.00
86) Perylene-d12	15.50	264	194165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	706014	105.39	ng	0.01
7) Phenol-d6	6.50	99	846732	102.46	ng	0.00
23) Nitrobenzene-d5	7.43	82	502740	74.55	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	152232	100.85	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	916747	82.96	ng	0.00
78) Terphenyl-d14	12.97	244	571924	69.62	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	192220	13.806	ng	Qvalue 100

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

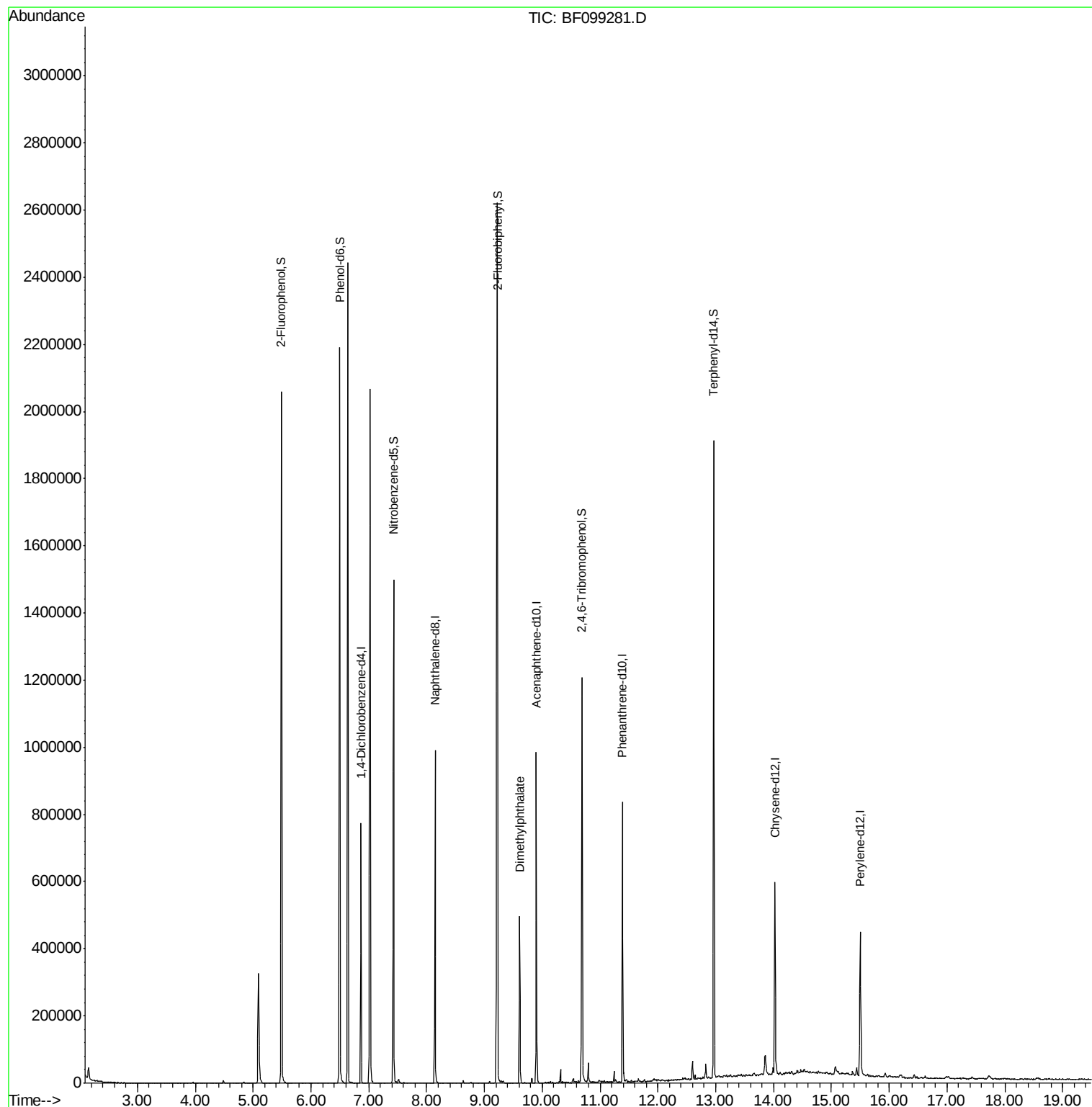
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
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Acq On : 10 Oct 2017 00:03
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Instrument :
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#1

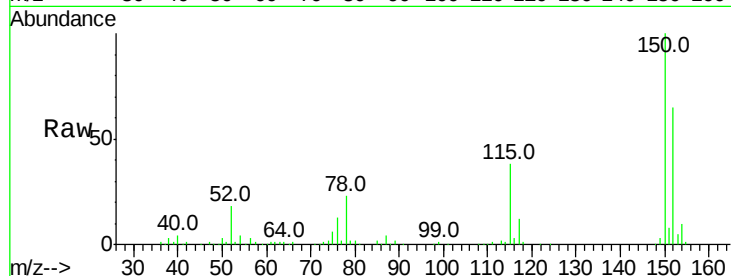
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099281.D
 Acq: 10 Oct 2017 00:03

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-1(0-5)

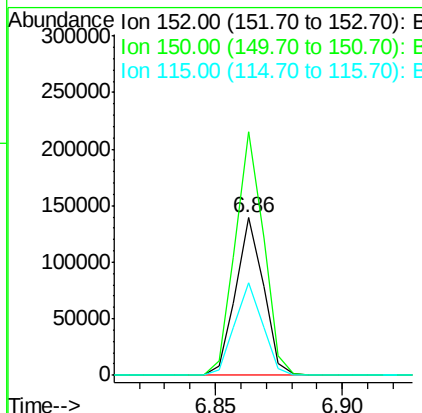
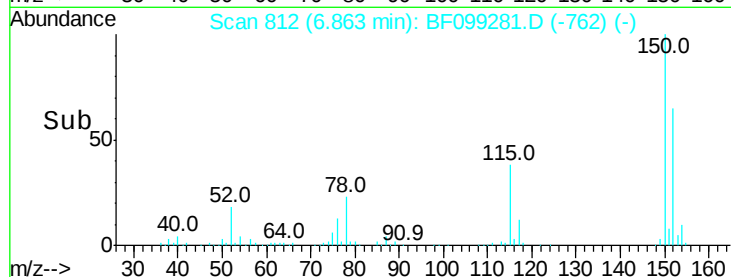
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	58.6	50.1	75.1

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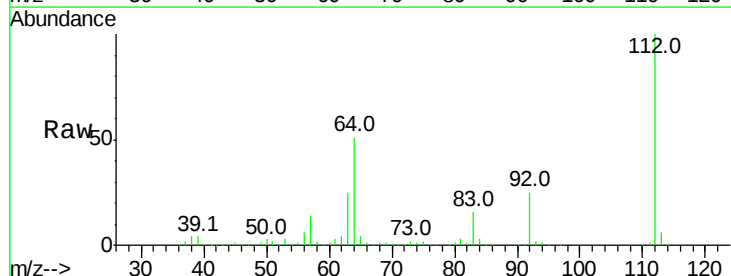
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



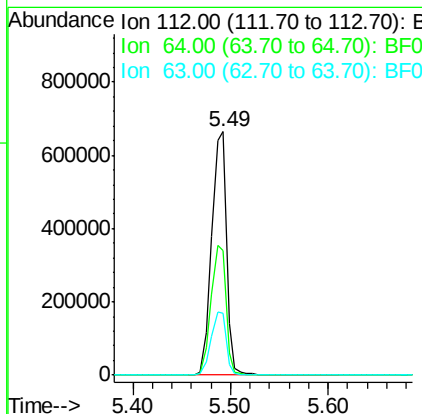
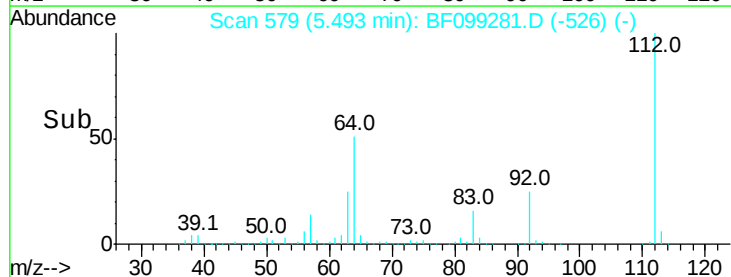
#5

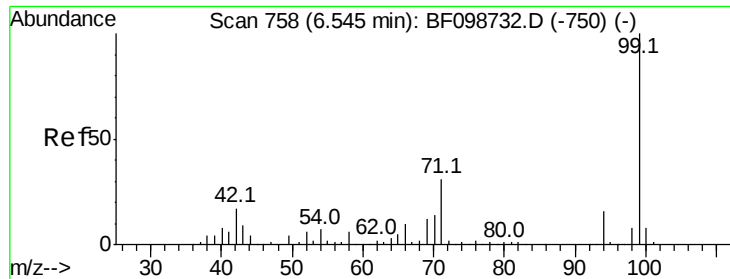
2-Fluorophenol
 Concen: 105.388 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF099281.D
 Acq: 10 Oct 2017 00:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.1	47.9	71.9
63	25.2	23.7	35.5



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: 102.458 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099281.D

Acq: 10 Oct 2017 00:03

Instrument :

BNA_F

ClientSampleId :

ENV-116-1(0-5)

Tot Ion: 99 Resp: 846732

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

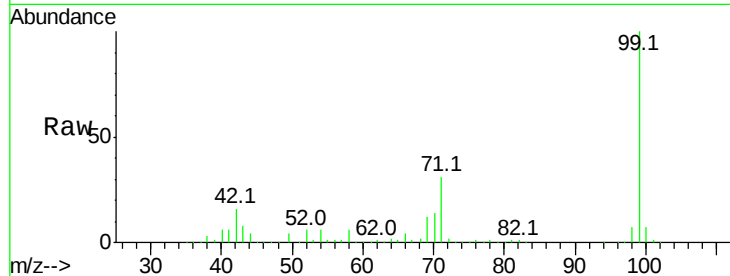
71 31.2 25.4 38.0

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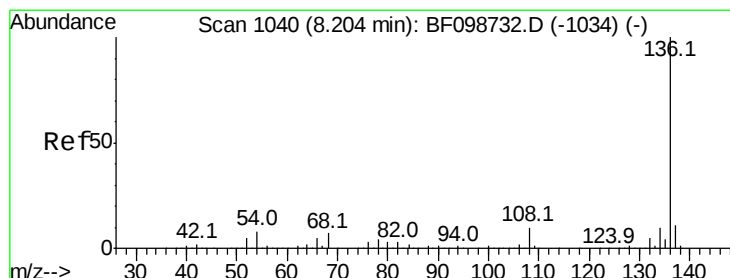
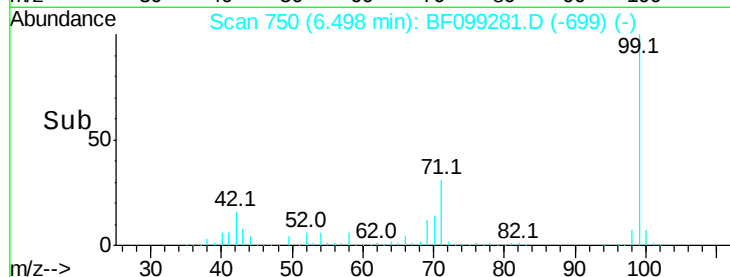
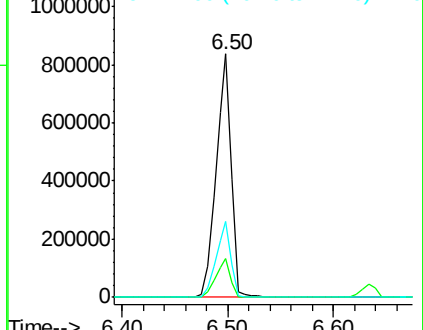
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099281.D

Acq: 10 Oct 2017 00:03

Tgt Ion: 136 Resp: 432493

Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.9 6.6 9.8

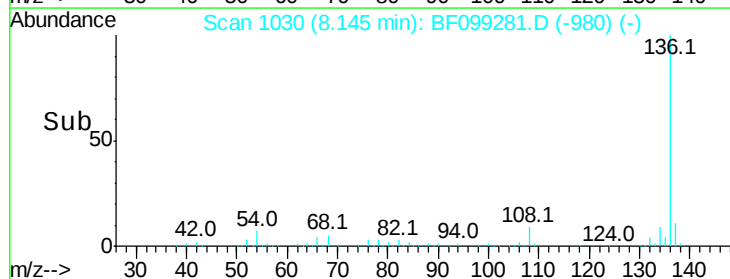
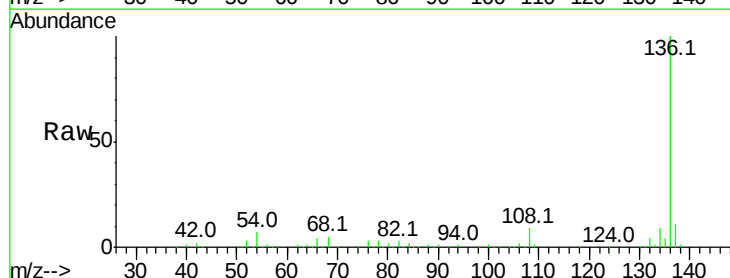
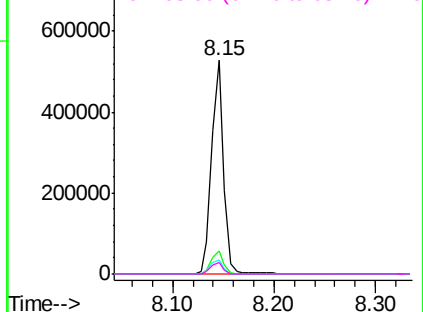
68 5.5 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





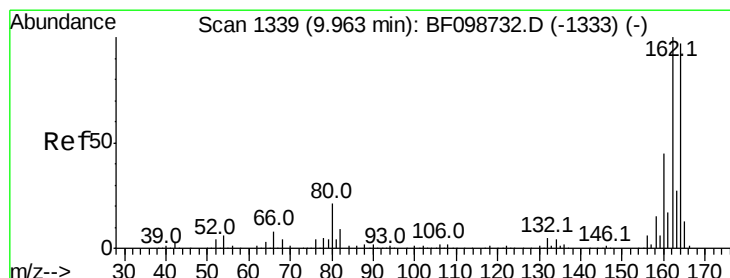
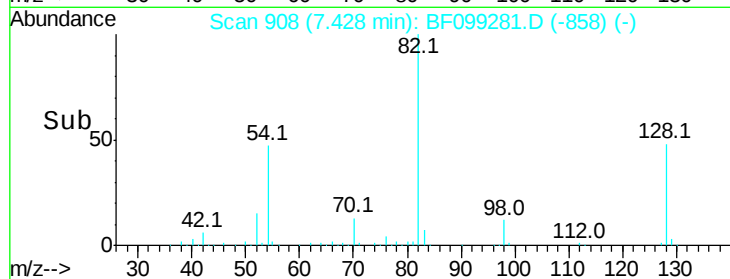
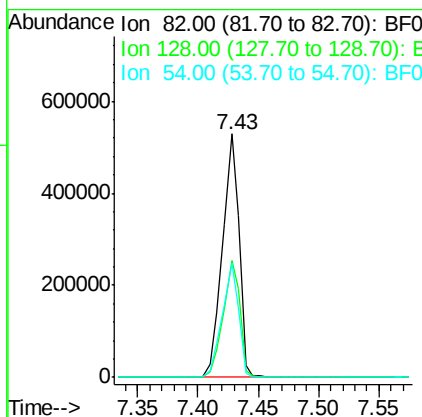
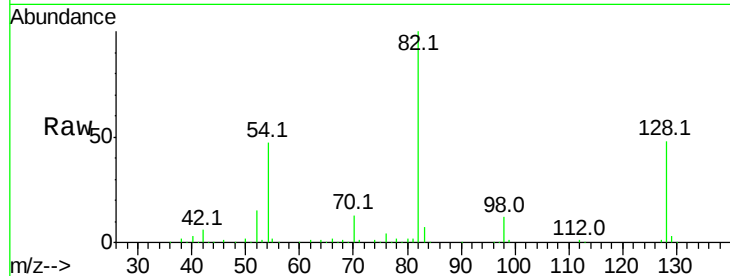
#23
Nitrobenzene-d5
Concen: 74.546 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099281.D
Acq: 10 Oct 2017 00:03

Instrument :
BNA_F
ClientSampleId :
ENV-116-1(0-5)

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	47.2	41.4	62.2

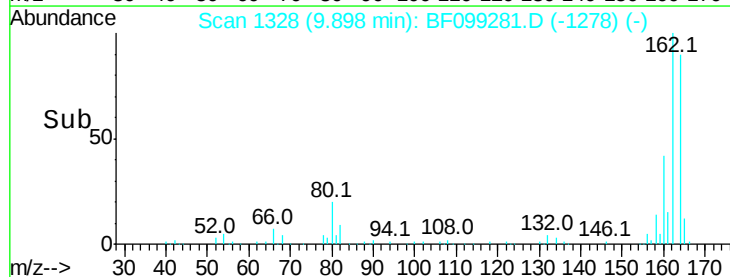
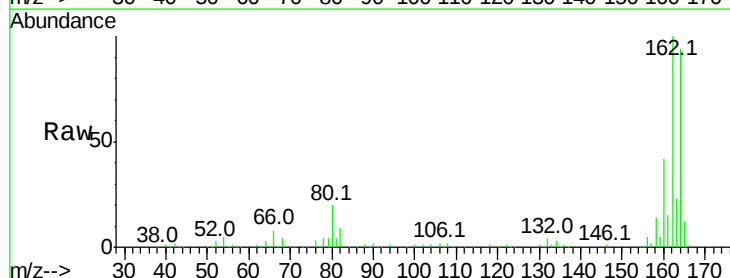
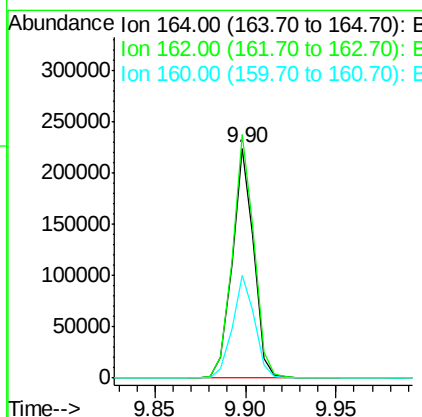
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099281.D
Acq: 10 Oct 2017 00:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	44.6	38.3	57.5





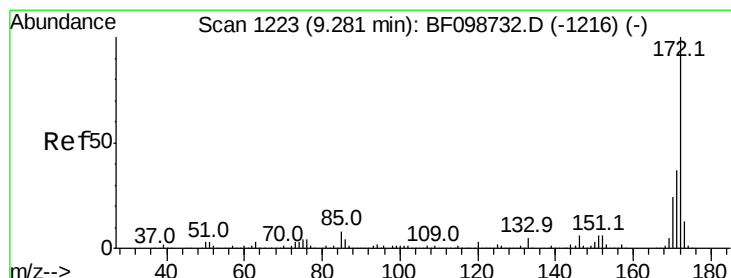
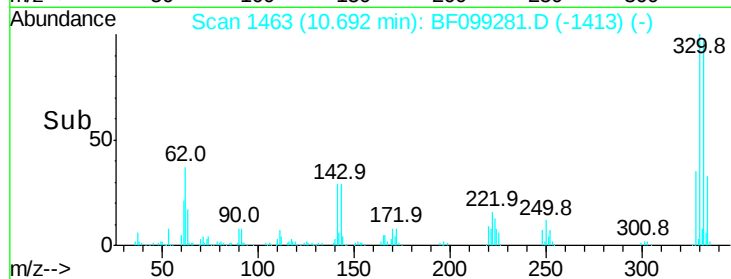
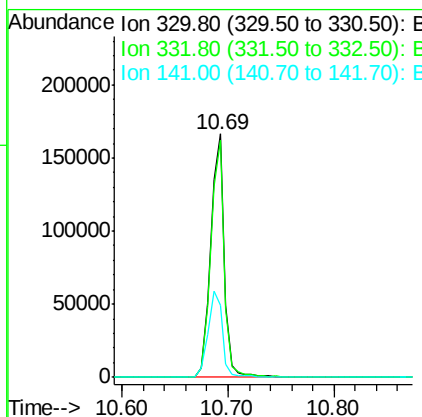
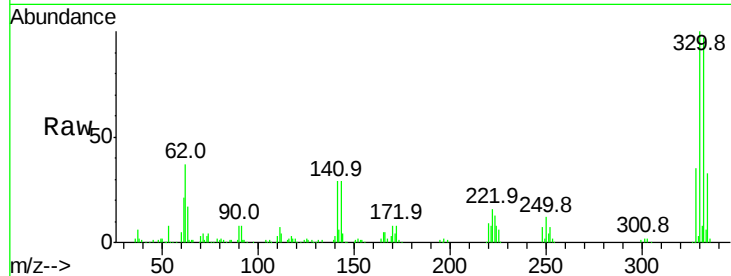
#41
 2,4,6-Tribromophenol
 Concen: 100.851 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099281.D
 Acq: 10 Oct 2017 00:03

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-1(0-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	36.9	29.9	44.9

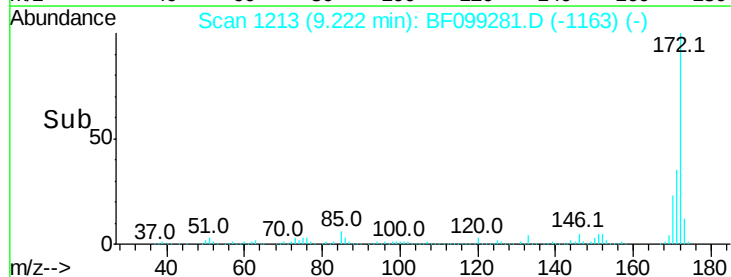
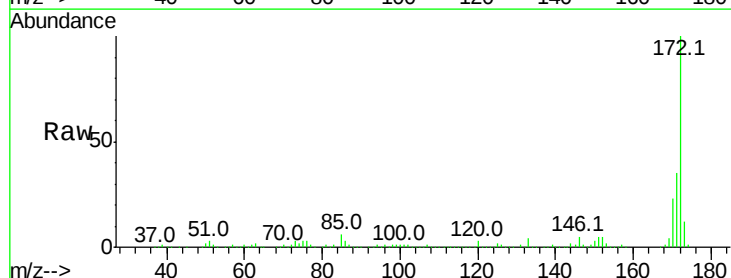
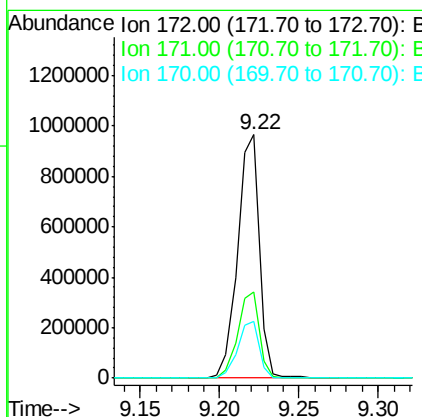
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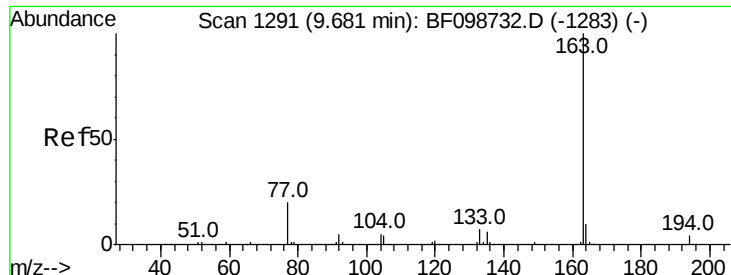
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#44
 2-Fluorobiphenyl
 Concen: 82.963 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099281.D
 Acq: 10 Oct 2017 00:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.1	19.6	29.4





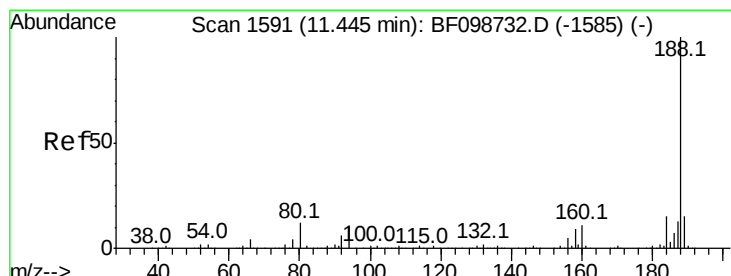
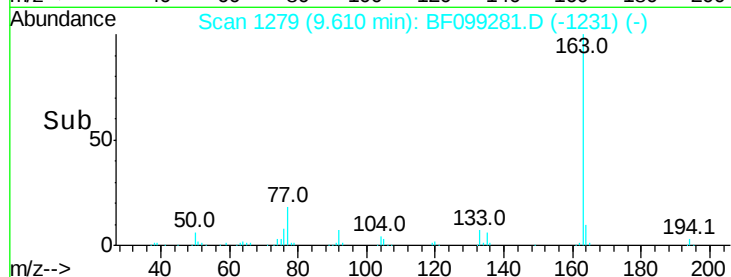
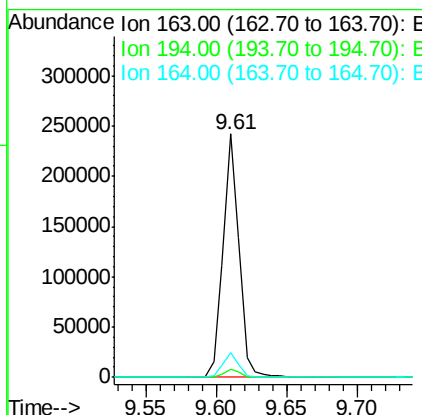
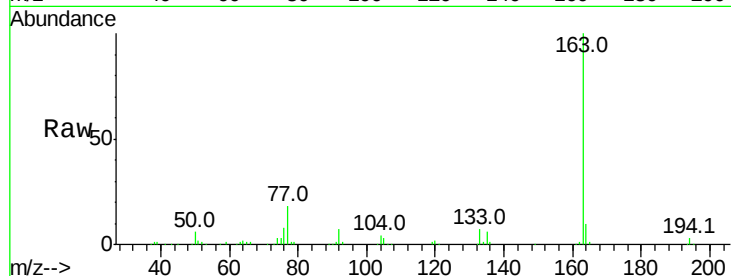
#49
Dimethylphthalate
Concen: 13.806 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099281.D
Acq: 10 Oct 2017 00:03

Instrument :
BNA_F
ClientSampleId :
ENV-116-1(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	192220		
194	3.4		2.7	4.1
164	10.2		8.2	12.2

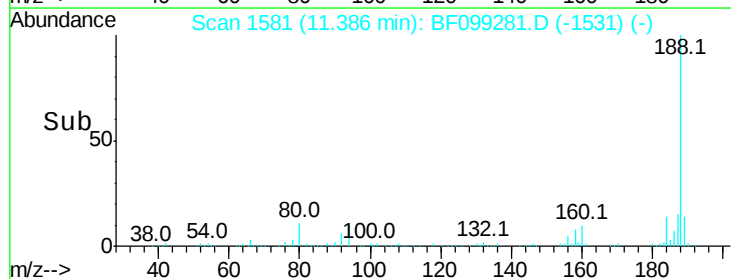
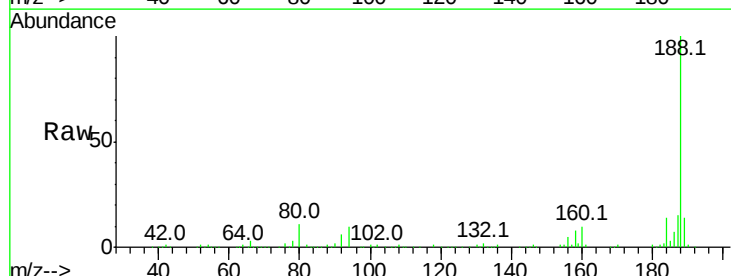
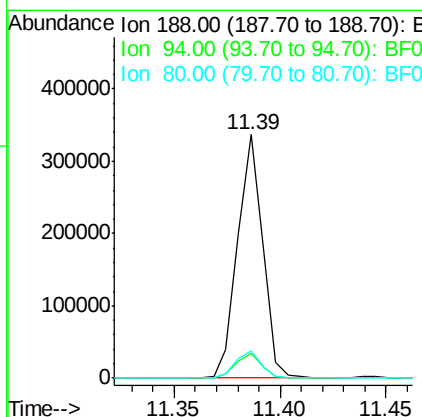
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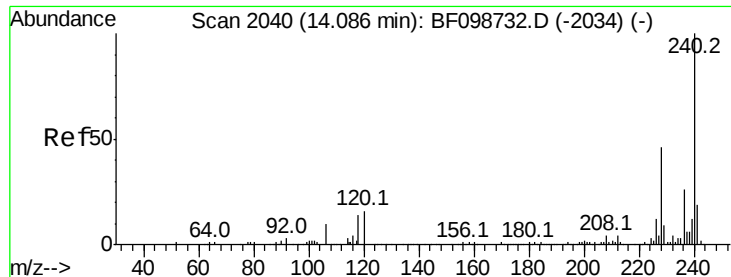
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099281.D
Acq: 10 Oct 2017 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	276468		
94	10.1		8.5	12.7
80	11.2		9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099281.D

Acq: 10 Oct 2017 00:03

Instrument :

BNA_F

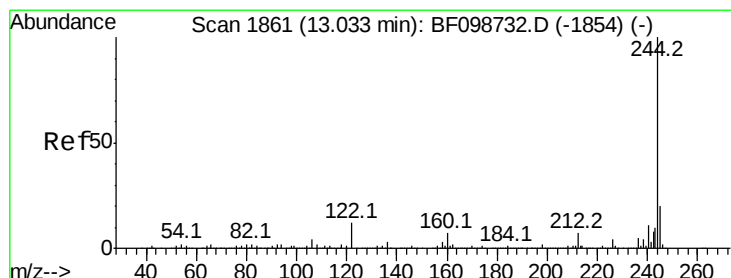
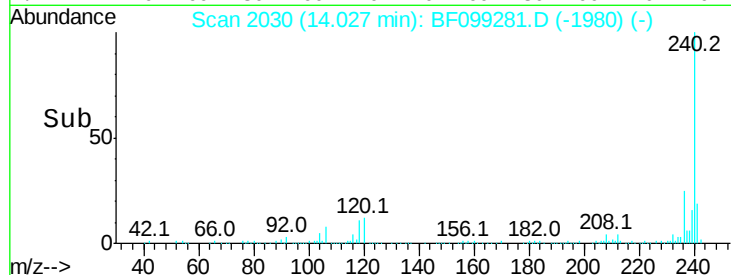
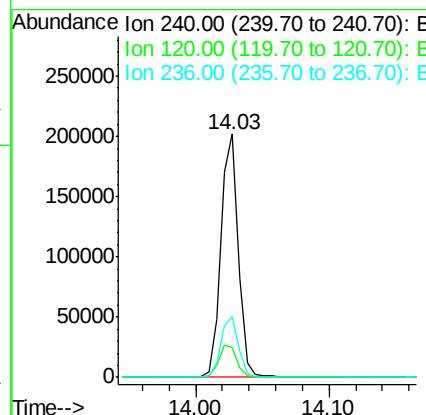
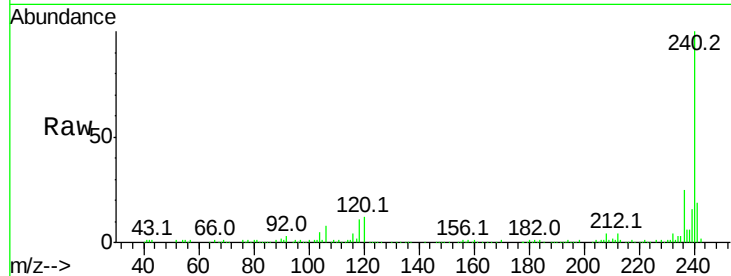
ClientSampleId :

ENV-116-1(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
240	100	186815		
120	12.5		9.5	14.3
236	24.9		20.7	31.1

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#78

Terphenyl-d14

Concen: 69.623 ng

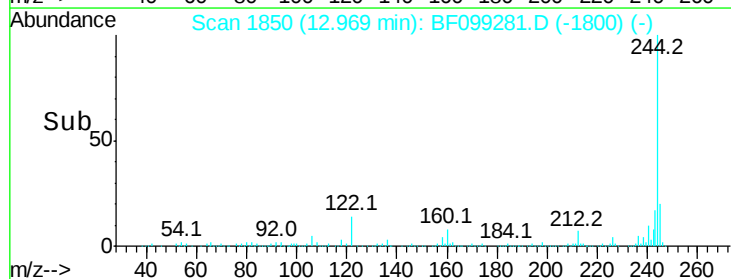
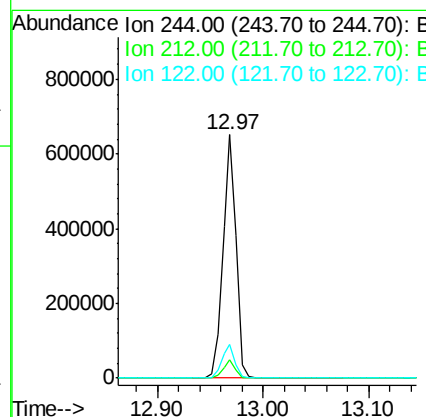
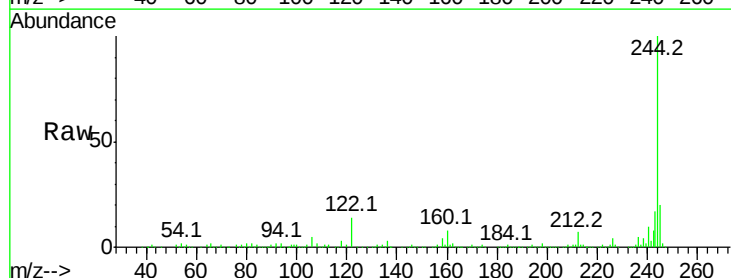
RT: 12.97 min Scan# 1850

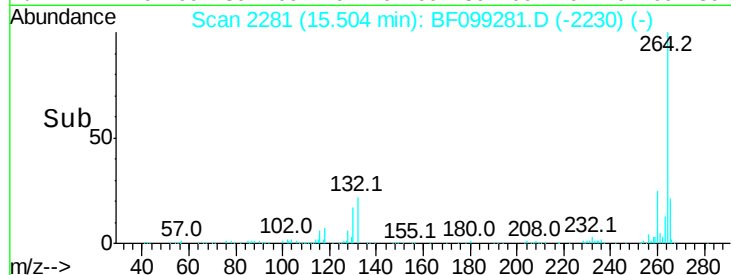
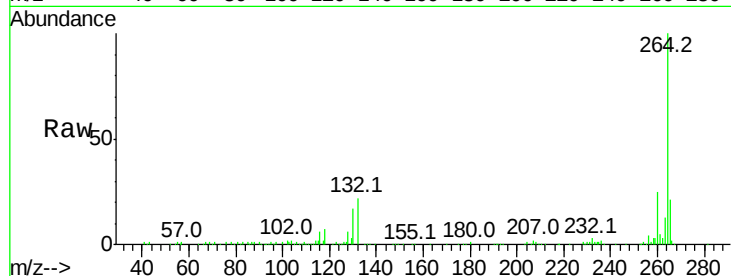
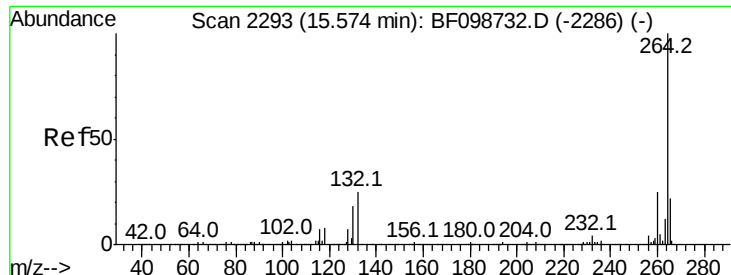
Delta R.T. -0.01 min

Lab File: BF099281.D

Acq: 10 Oct 2017 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	571924		
212	7.3		5.4	8.0
122	13.9		11.0	16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BF099281.D
 Acq: 10 Oct 2017 00:03

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:	264	Resp:	194165
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.2	17.5	26.3

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