

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096205.D
 Acq On : 25 Jun 2017 1:37
 Operator : SJ/MA
 Sample : I3843-02 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q10-BASE

Manual Integrations
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Quant Time: Jun 26 04:11:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	50788	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	201187	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	78942	20.00	ng	-0.04
63) Phenanthrene-d10	14.52	188	130831	20.00	ng	-0.02
75) Chrysene-d12	18.26	240	111595	20.00	ng	-0.02
86) Perylene-d12	19.93	264	85323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	27484m	8.62	ng	0.07
7) Phenol-d6	6.94	99	40553m	10.63	ng	0.06
23) Nitrobenzene-d5	8.25	82	15939	4.92	ng	0.02
41) 2,4,6-Tribromophenol	13.46	330	6038	8.64	ng	0.00
44) 2-Fluorobiphenyl	11.08	172	48601	8.57	ng	-0.03
78) Terphenyl-d14	16.90	244	36781	8.18	ng	-0.03

Target Compounds Qvalue

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

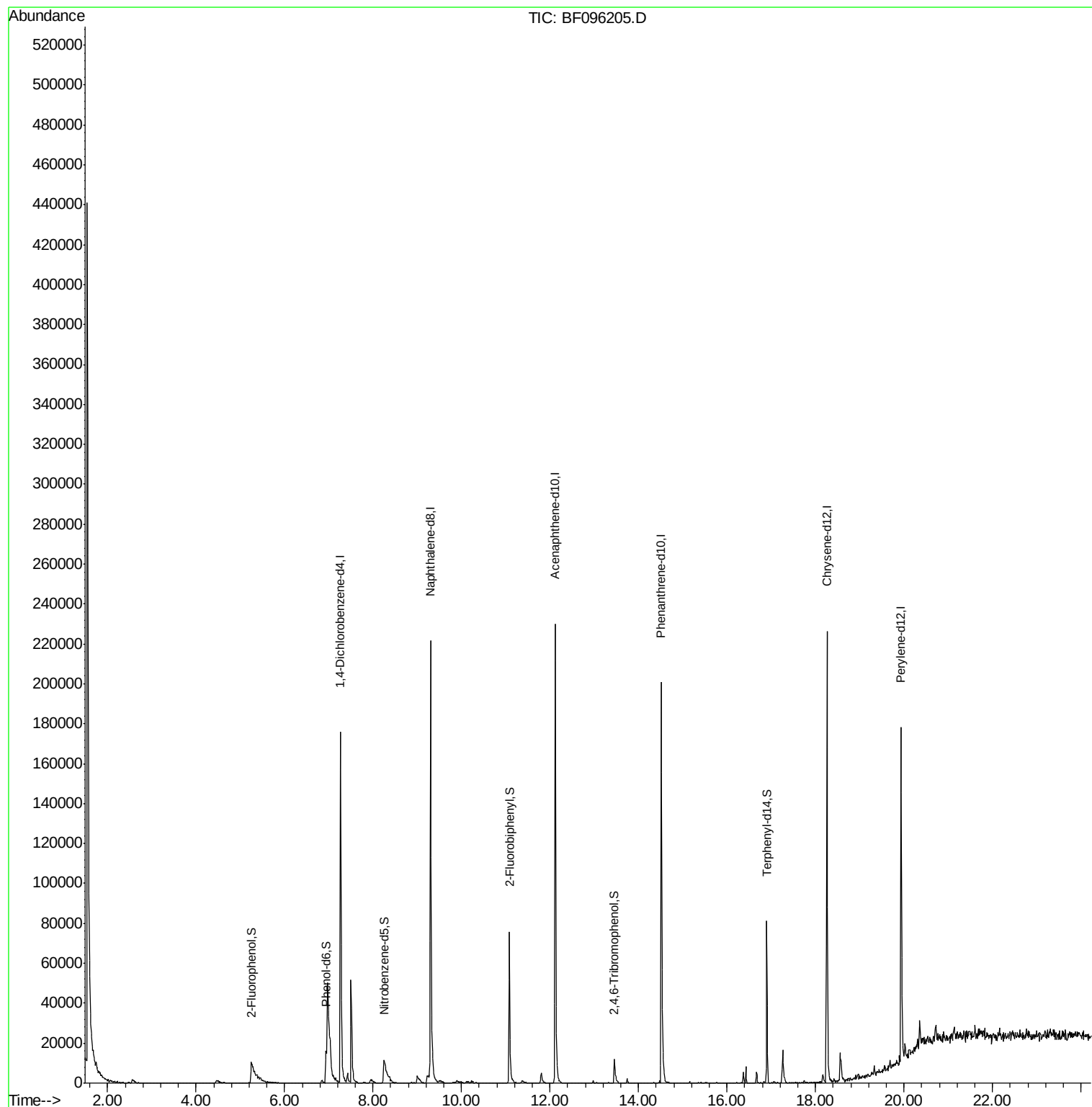
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096205.D
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ALS Vial : 25 Sample Multiplier: 1

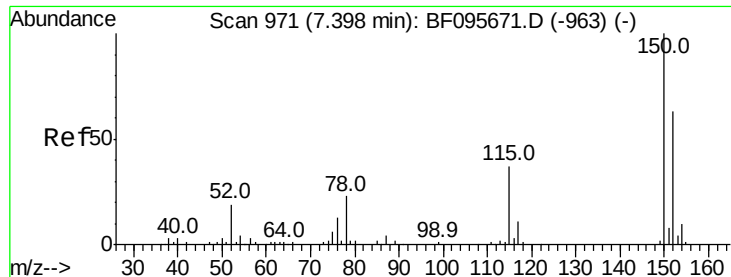
Instrument :
BNA_F
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E2-Q10-BASE

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#1

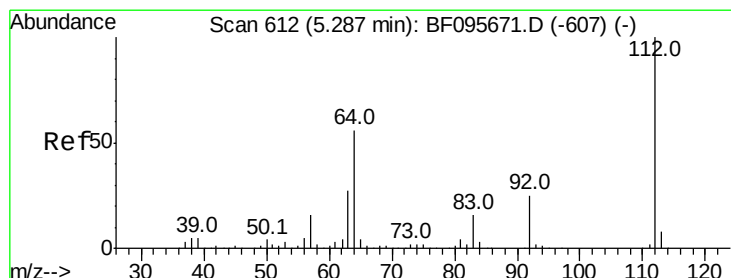
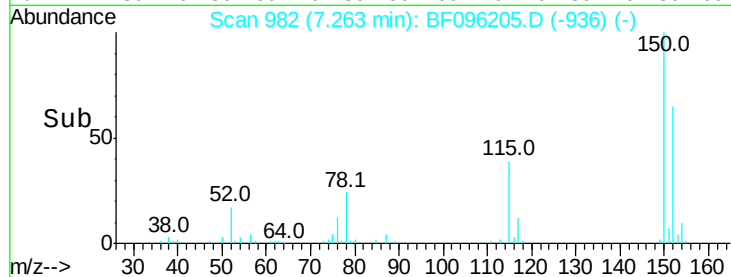
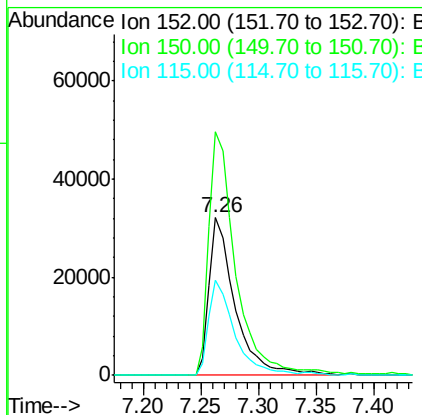
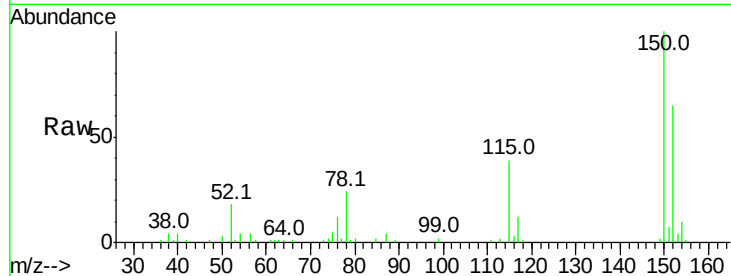
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF096205.D
Acq: 25 Jun 2017 1:37

Instrument :
BNA_F
ClientSampleId :
E2-Q10-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	60.4	52.2	78.2

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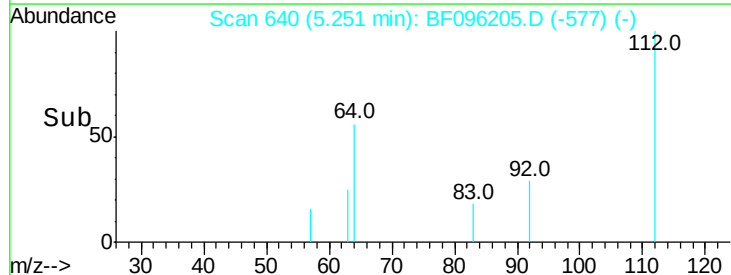
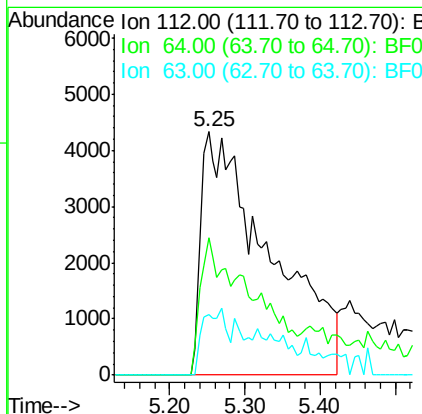
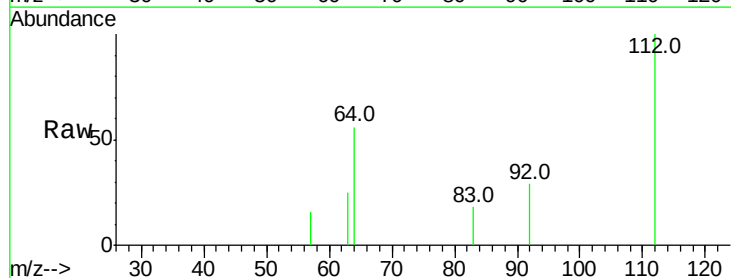
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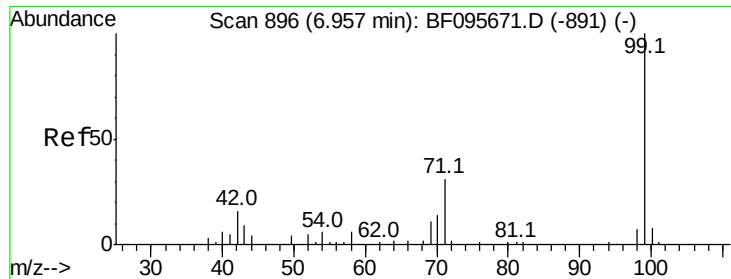


#5

2-Fluorophenol
Concen: 8.62 ng m
RT: 5.25 min Scan# 640
Delta R.T. 0.07 min
Lab File: BF096205.D
Acq: 25 Jun 2017 1:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.0	69.0
63	24.7	23.4	35.0





#7

Phenol-d6

Concen: 10.63 ng/mL

RT: 6.94 min Scan# 927

Delta R.T. 0.06 min

Lab File: BF096205.D

Acq: 25 Jun 2017 1:37

Instrument :

BNA_F

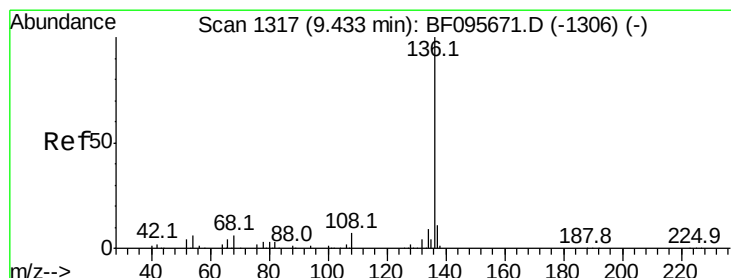
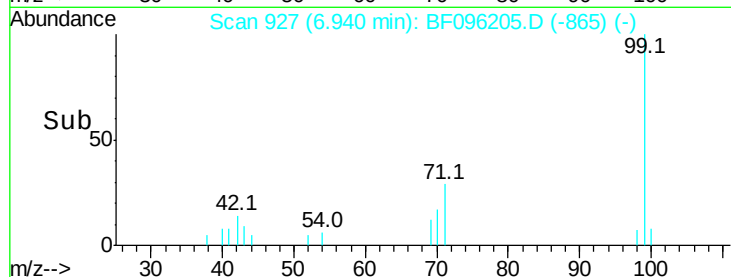
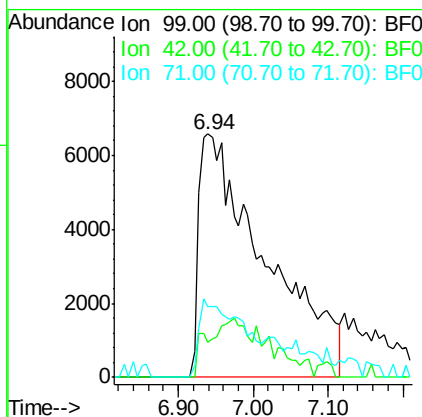
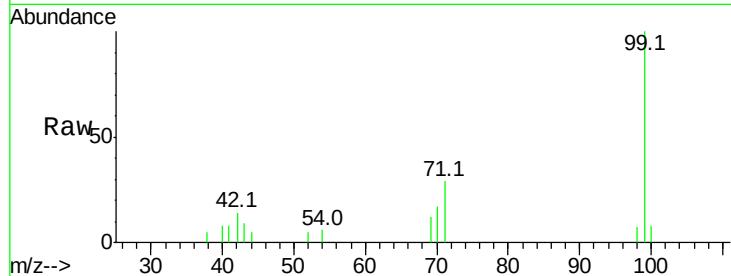
ClientSampleId :

E2-Q10-BASE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		40553		
42	14.5	13.5	20.3		
71	29.0	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng/mL

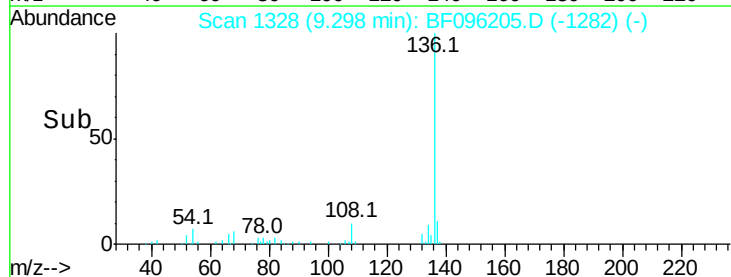
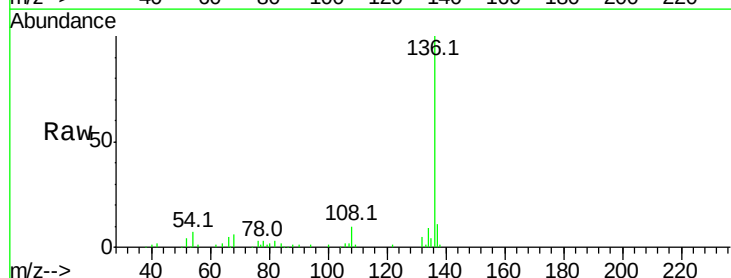
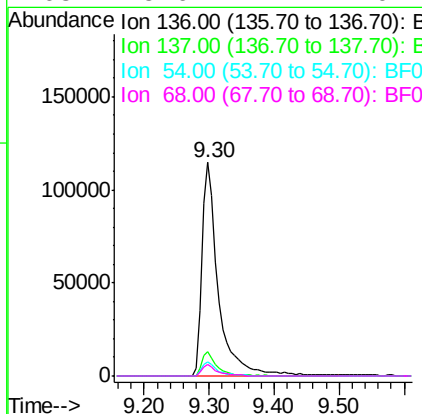
RT: 9.30 min Scan# 1328

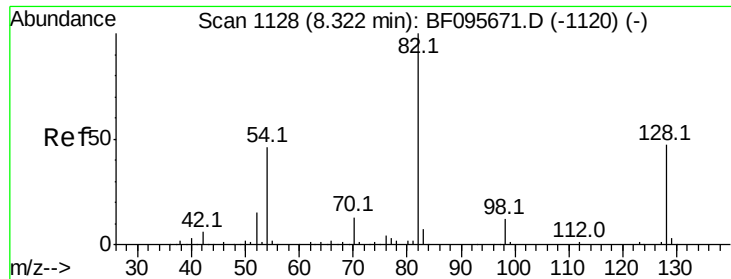
Delta R.T. -0.03 min

Lab File: BF096205.D

Acq: 25 Jun 2017 1:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		201187		
137	11.3	8.5	12.7		
54	6.9	4.9	7.3		
68	5.6	4.1	6.1		





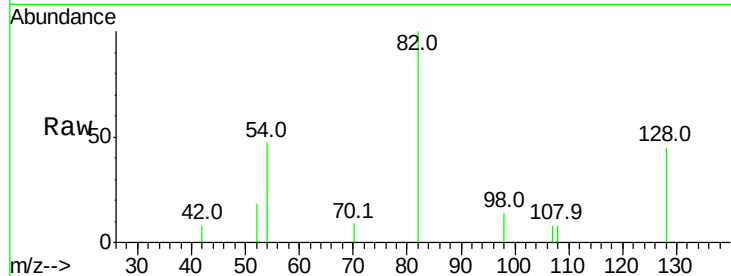
#23
Nitrobenzene-d5
Concen: 4.92 ng
RT: 8.25 min Scan# 1149
Delta R.T. 0.02 min
Lab File: BF096205.D
Acq: 25 Jun 2017 1:37

Instrument :
BNA_F
ClientSampleId :
E2-Q10-BASE

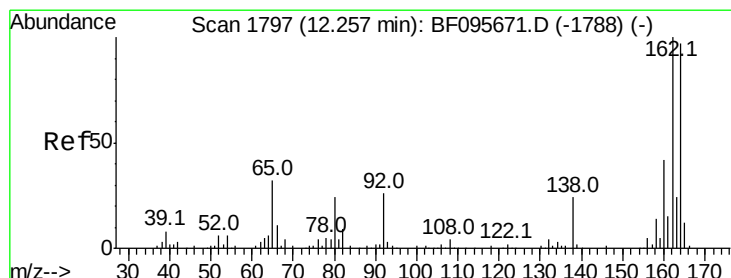
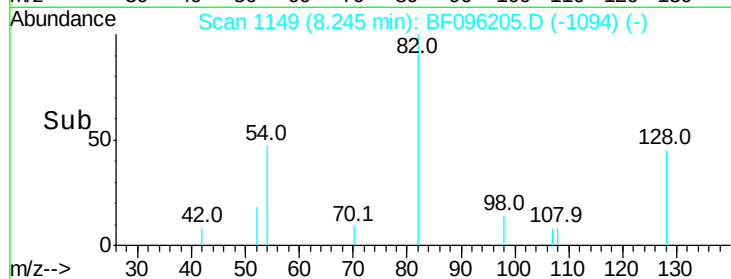
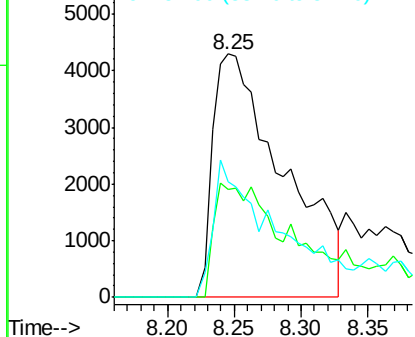
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.0	51.0
54	47.4	42.2	63.2

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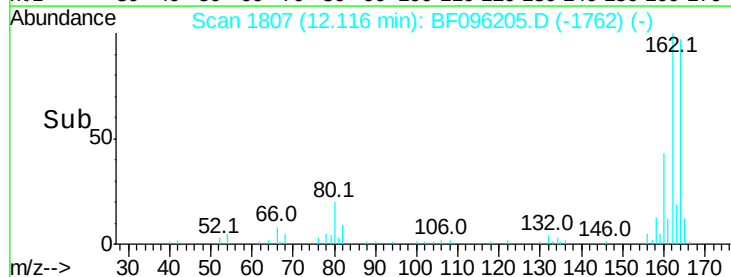
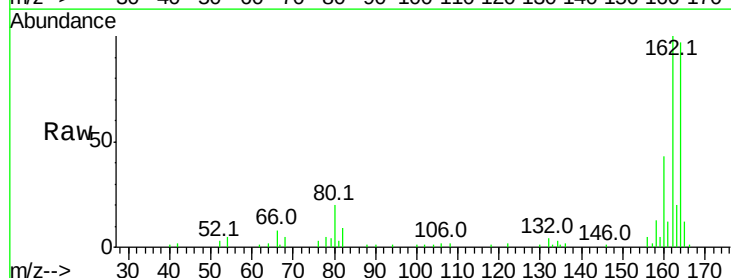
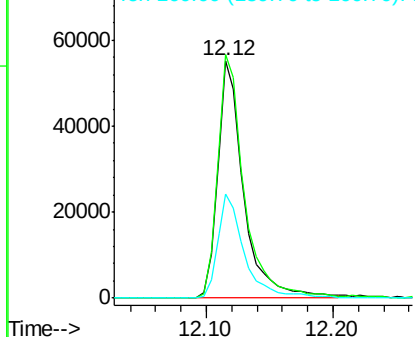
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

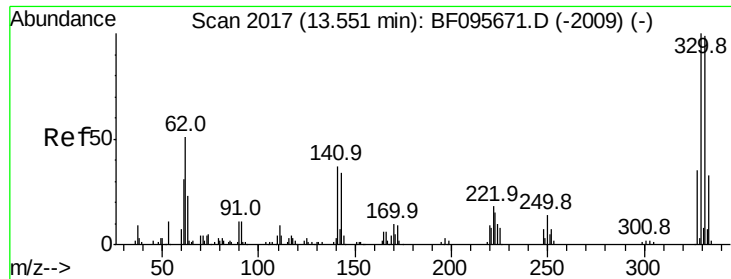


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.12 min Scan# 1807
Delta R.T. -0.04 min
Lab File: BF096205.D
Acq: 25 Jun 2017 1:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	44.1	36.2	54.2

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





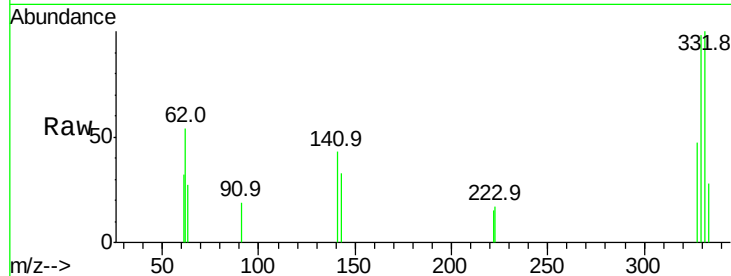
#41
 2,4,6-Tribromophenol
 Concen: 8.64 ng
 RT: 13.46 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF096205.D
 Acq: 25 Jun 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q10-BASE

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.7	76.6	115.0
141	28.5	31.4	47.2

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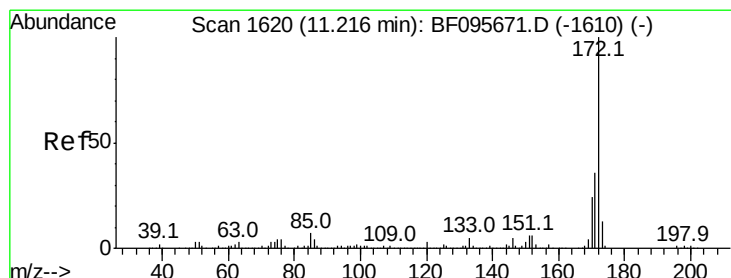
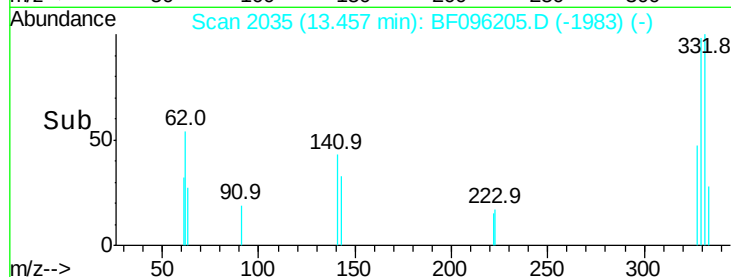
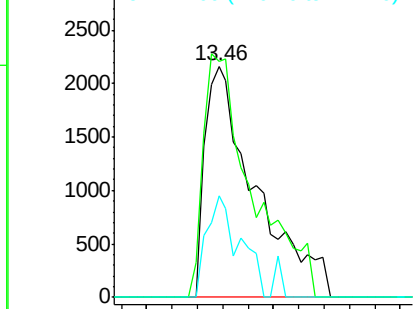


Abundance

Ion 329.80 (329.50 to 330.50): E

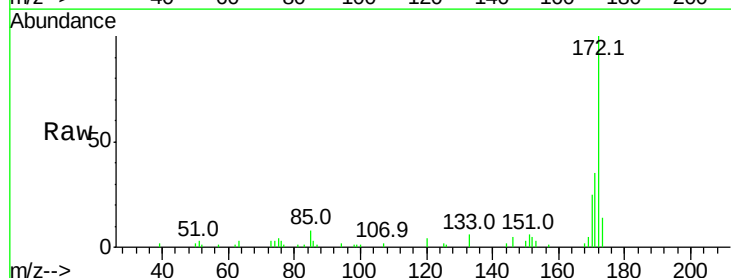
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 8.57 ng
 RT: 11.08 min Scan# 1631
 Delta R.T. -0.03 min
 Lab File: BF096205.D
 Acq: 25 Jun 2017 1:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	25.3	19.8	29.8

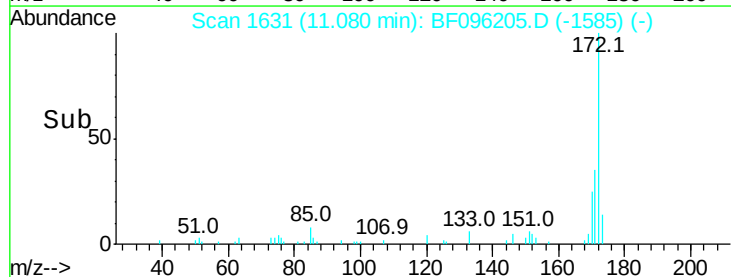
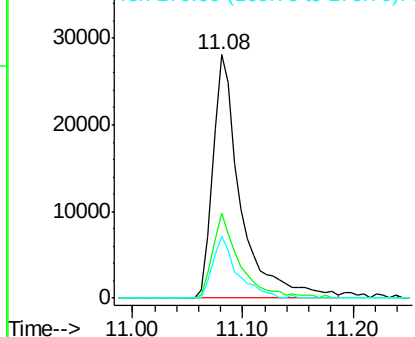


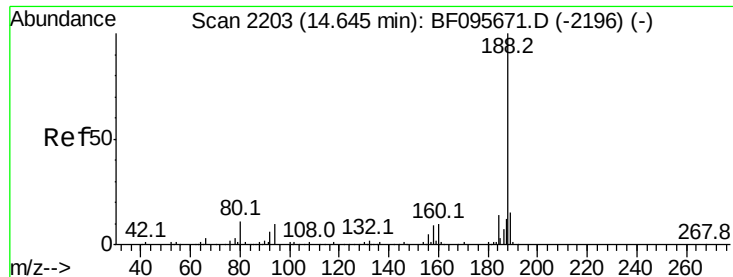
Abundance

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





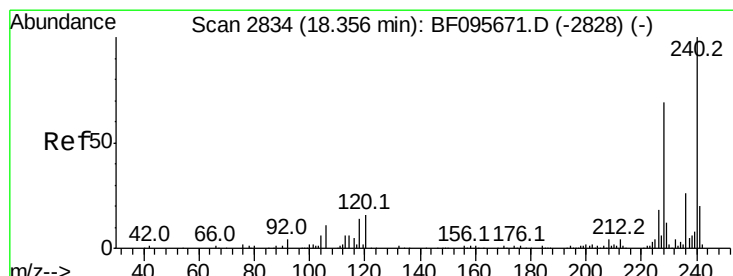
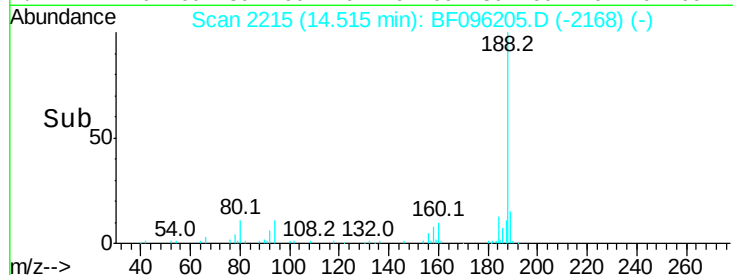
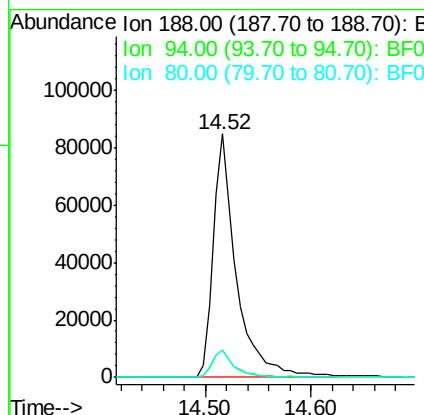
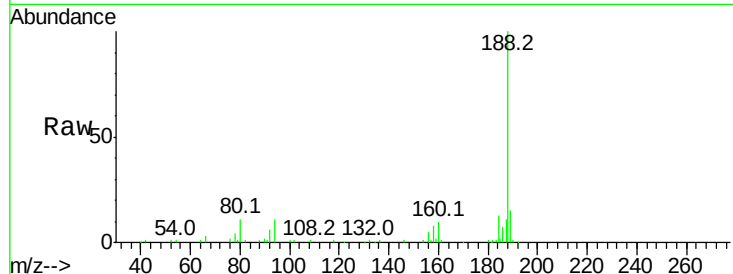
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.52 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF096205.D
Acq: 25 Jun 2017 1:37

Instrument :
BNA_F
ClientSampled :
E2-Q10-BASE

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.5	10.2	15.2

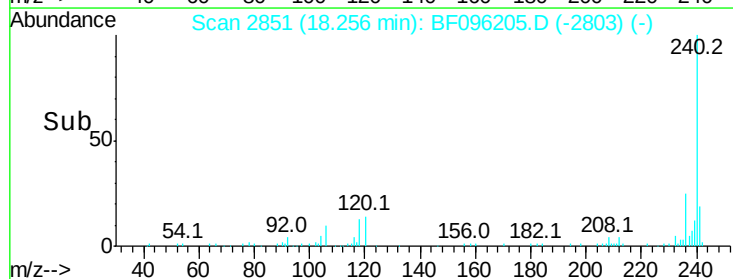
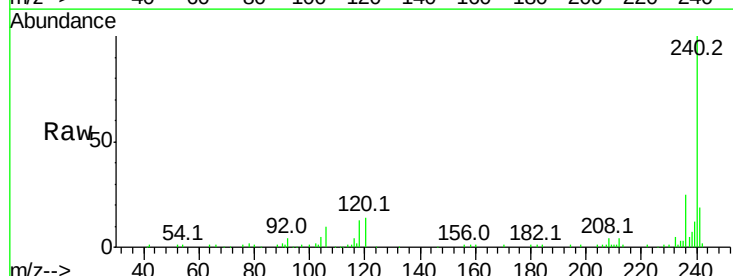
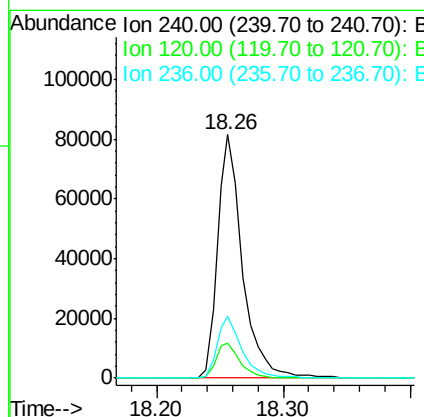
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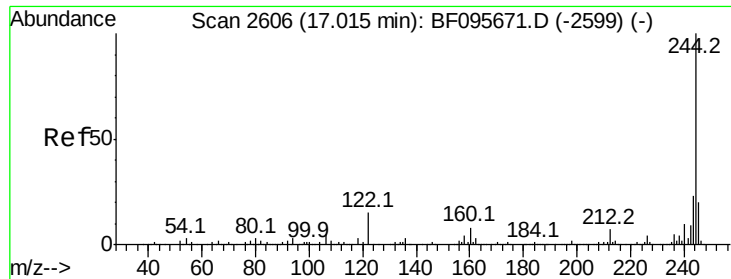
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.02 min
Lab File: BF096205.D
Acq: 25 Jun 2017 1:37

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.4	20.5	30.7





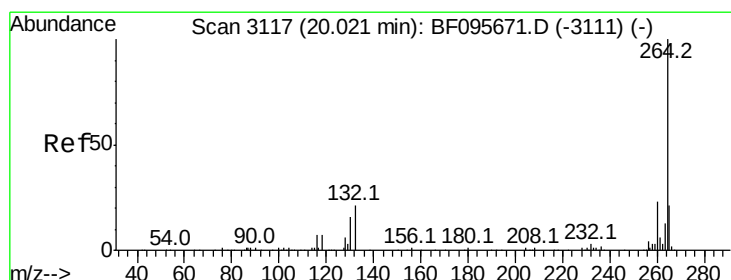
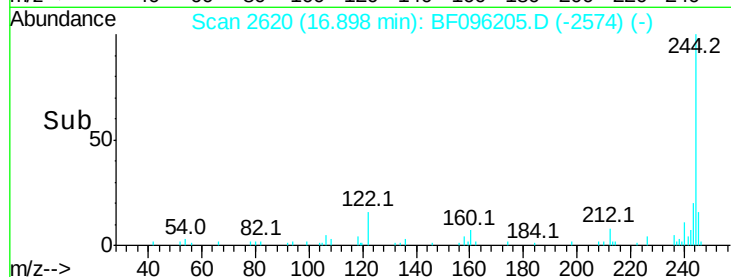
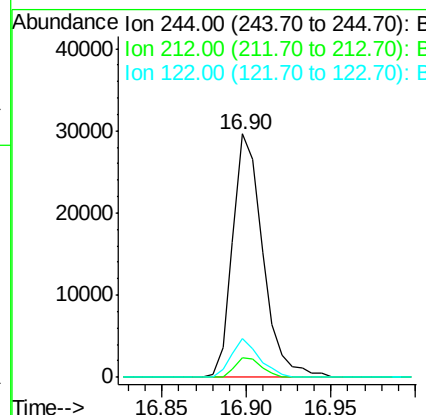
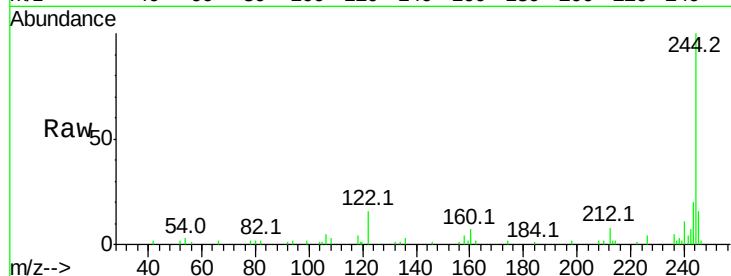
#78
 Terphenyl-d14
 Concen: 8.18 ng
 RT: 16.90 min Scan# 2620
 Delta R.T. -0.03 min
 Lab File: BF096205.D
 Acq: 25 Jun 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q10-BASE

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.0	9.0
122	15.7	10.3	15.5

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.93 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BF096205.D
 Acq: 25 Jun 2017 1:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.1	17.2	25.8

