

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095248.D
 Acq On : 19 May 2017 5:40
 Operator : SJ/MA
 Sample : I3186-08 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-T4-BASE

Manual Integrations
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Quant Time: May 19 06:51:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	83146	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	366059	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	184748	20.00	ng	0.00
63) Phenanthrene-d10	15.03	188	336907	20.00	ng	0.00
75) Chrysene-d12	18.70	240	221461	20.00	ng	0.00
86) Perylene-d12	20.38	264	146374	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	41222m	8.27	ng	0.11
7) Phenol-d6	7.40	99	39497	6.60	ng	0.09
23) Nitrobenzene-d5	8.74	82	30820	5.31	ng	0.06
41) 2,4,6-Tribromophenol	13.95	330	12725	8.41	ng	0.04
44) 2-Fluorobiphenyl	11.58	172	91254	7.11	ng	0.02
78) Terphenyl-d14	17.34	244	79928	7.95	ng	0.00

Target Compounds Qvalue

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

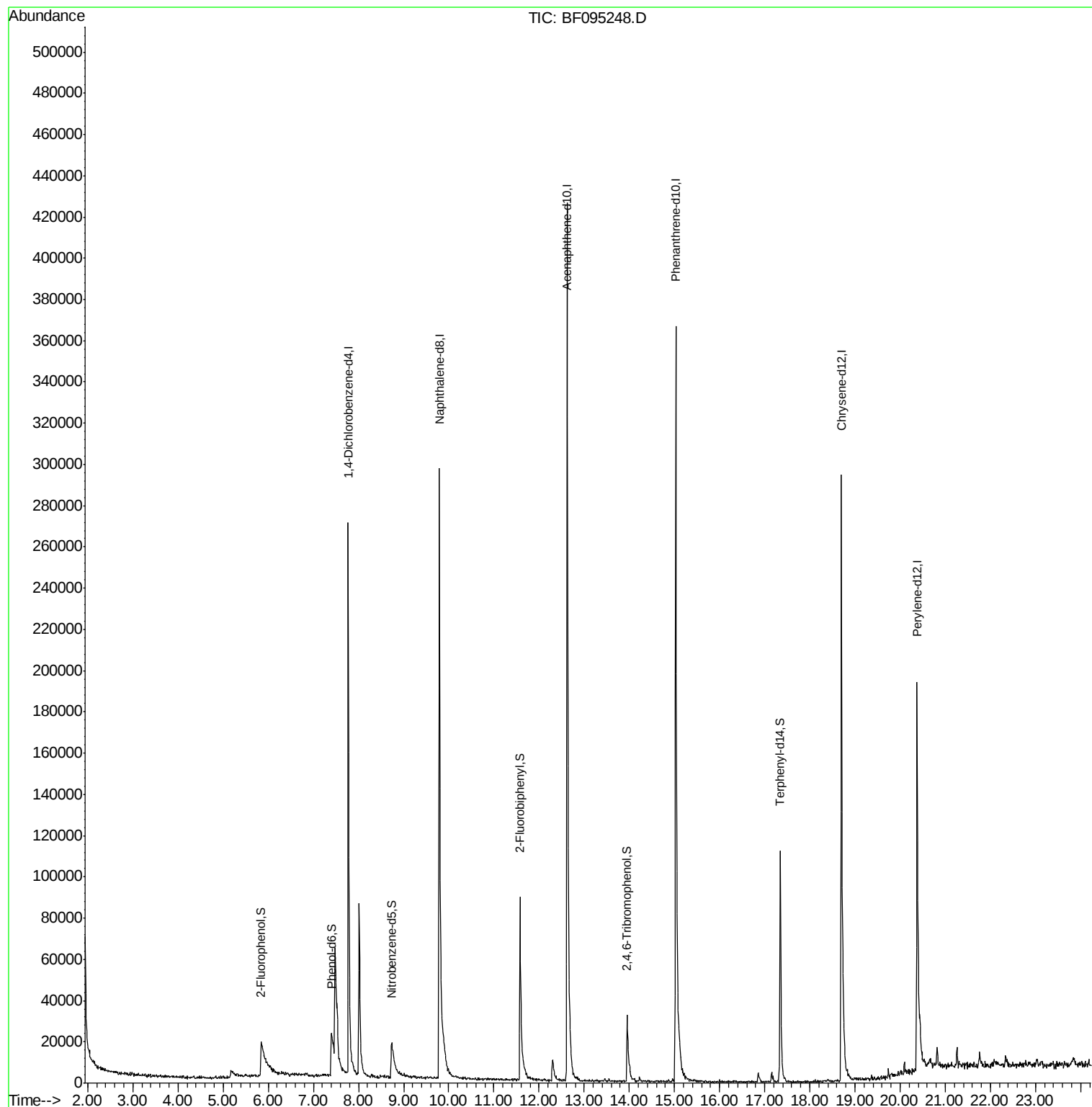
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
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#1

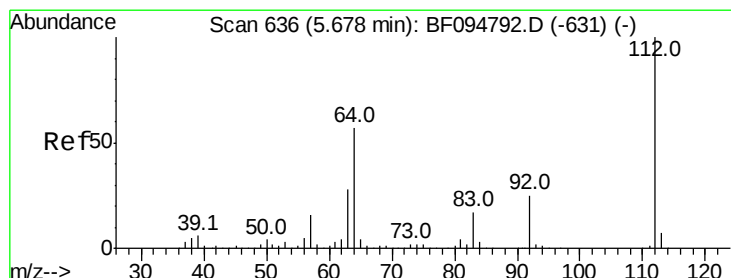
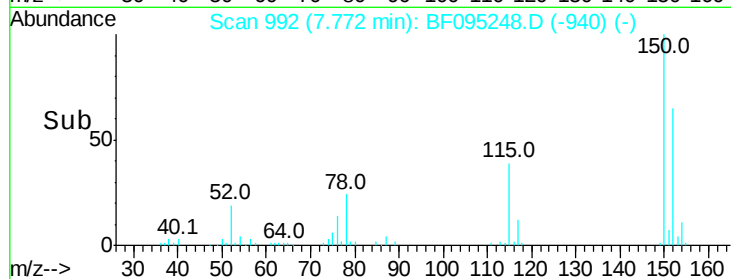
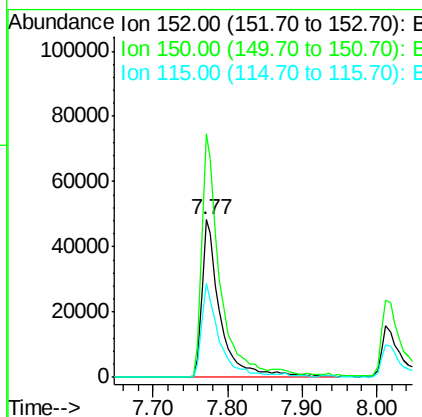
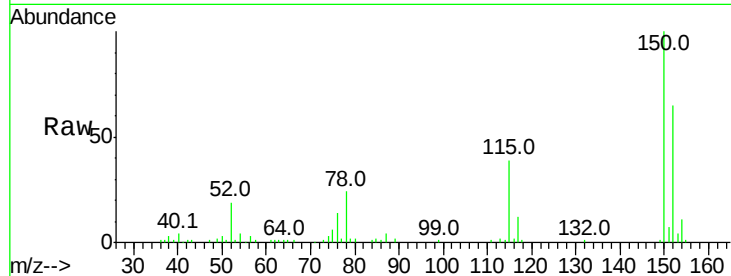
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: BF095248.D
 Acq: 19 May 2017 5:40

Instrument :
 BNA_F
 ClientSampleId :
 E2-T4-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.2	189.2
115	59.9	52.2	78.2

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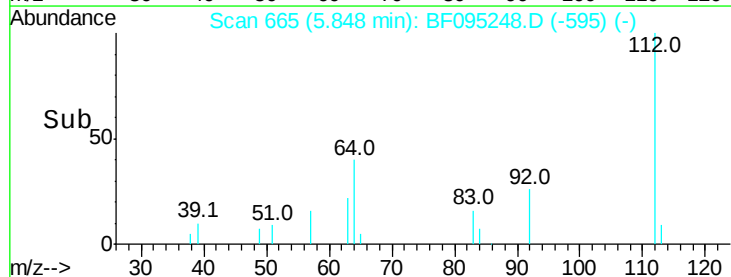
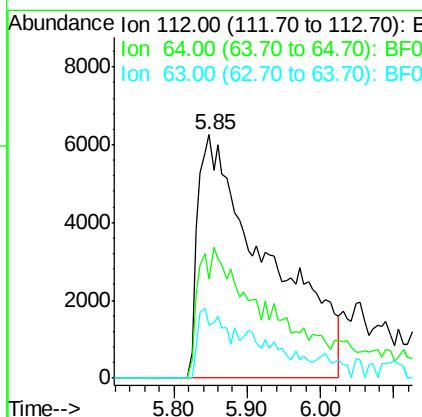
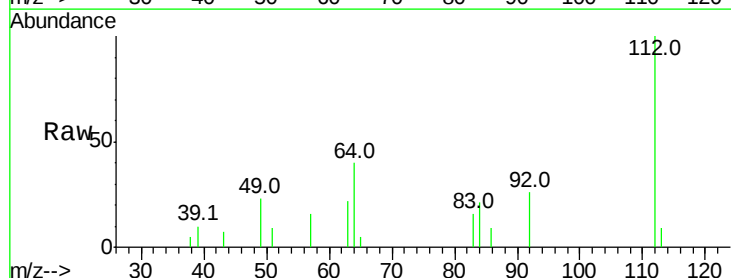
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#5

2-Fluorophenol
 Concen: 8.27 ng m
 RT: 5.85 min Scan# 665
 Delta R.T. 0.11 min
 Lab File: BF095248.D
 Acq: 19 May 2017 5:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.4	46.0	69.0#
63	21.7	23.4	35.0#





#7

Phenol-d6

Concen: 6.60 ng

RT: 7.40 min Scan# 929

Delta R.T. 0.09 min

Lab File: BF095248.D

Acq: 19 May 2017 5:40

Instrument :

BNA_F

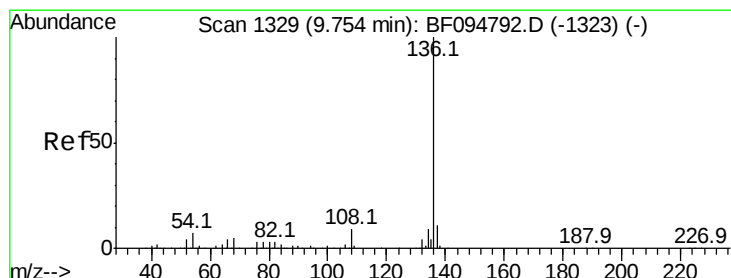
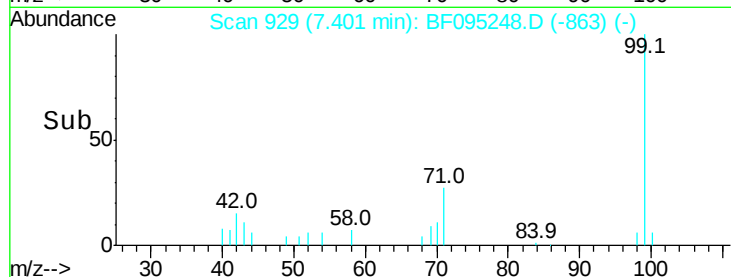
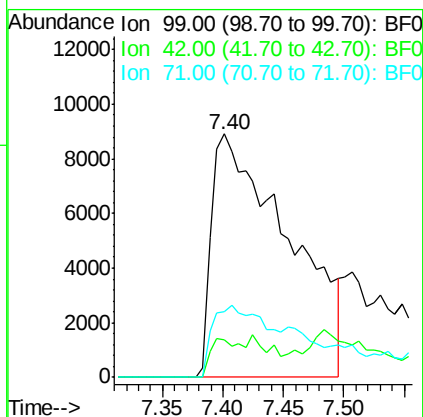
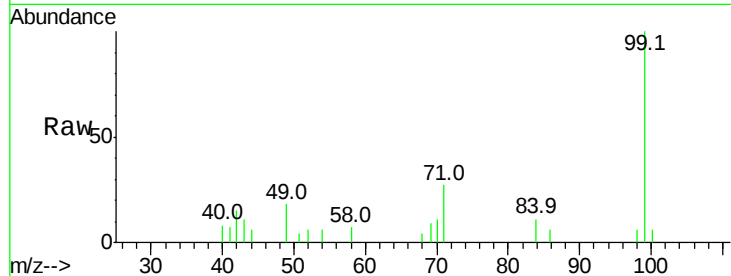
ClientSampleId :

E2-T4-BASE

Tot Ion:	99	Resp:	39497
Ion Ratio	Lower	Upper	
99	100		
42	15.3	13.5	20.3
71	27.2	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

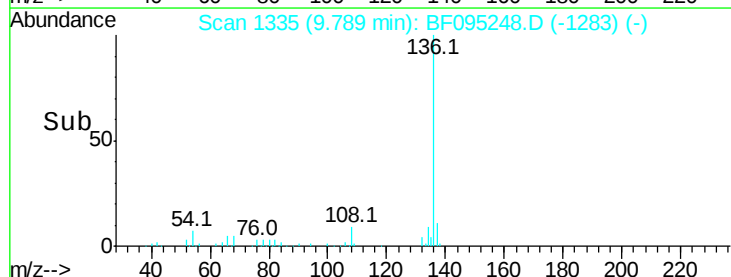
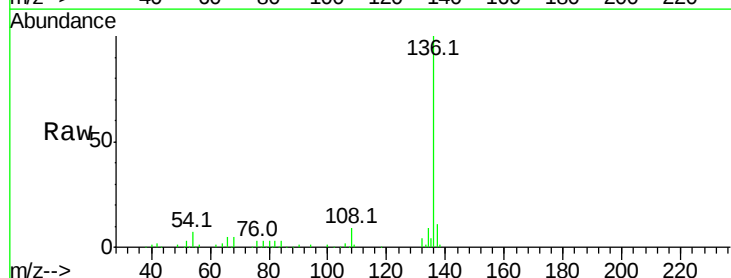
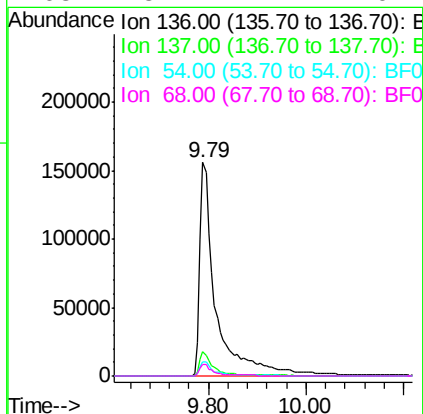
RT: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095248.D

Acq: 19 May 2017 5:40

Tgt Ion:	136	Resp:	366059
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	6.9	4.9	7.3
68	5.4	4.1	6.1





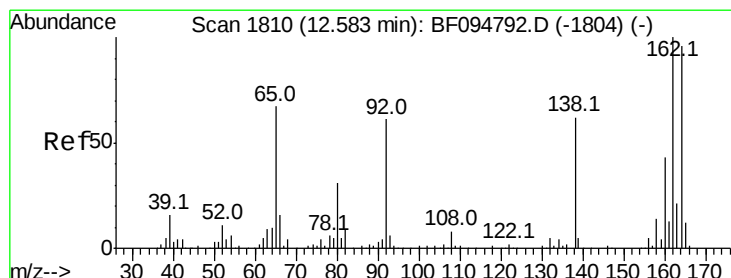
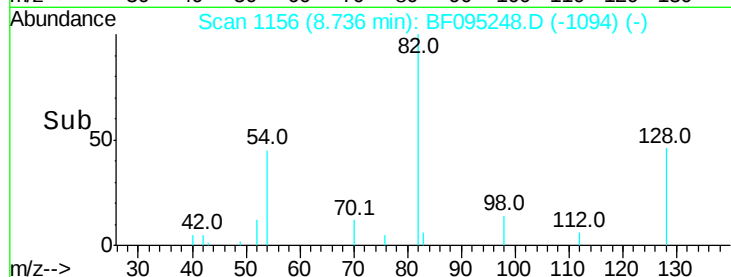
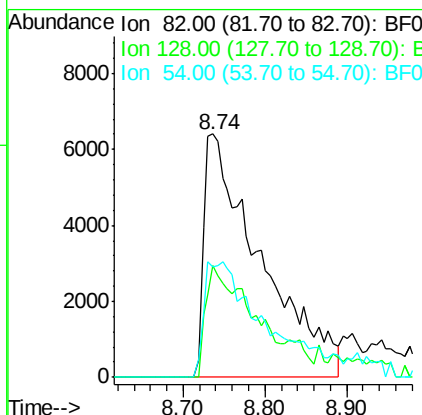
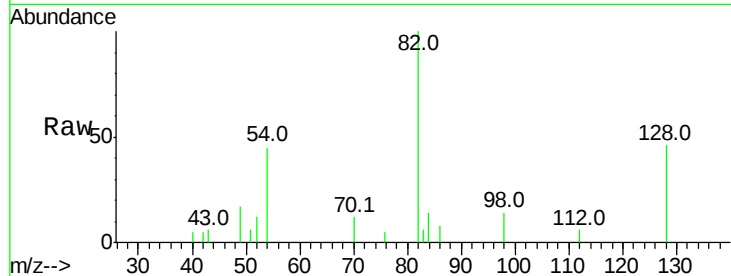
#23
 Nitrobenzene-d5
 Concen: 5.31 ng
 RT: 8.74 min Scan# 1156
 Delta R.T. 0.06 min
 Lab File: BF095248.D
 Acq: 19 May 2017 5:40

Instrument :
 BNA_F
 ClientSampleId :
 E2-T4-BASE

Tot Ion	82	Resp	30820
Ion Ratio	100	Lower	Upper
128	45.8	34.0	51.0
54	45.3	42.2	63.2

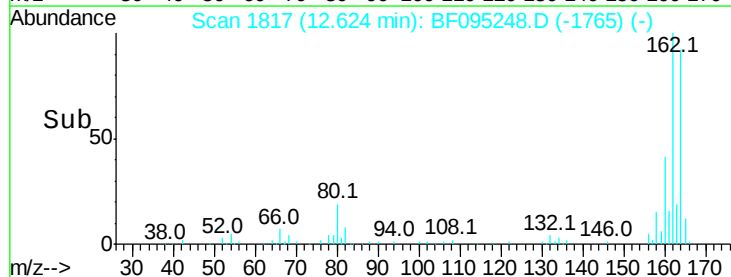
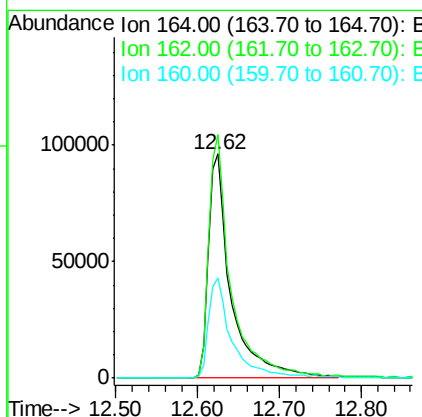
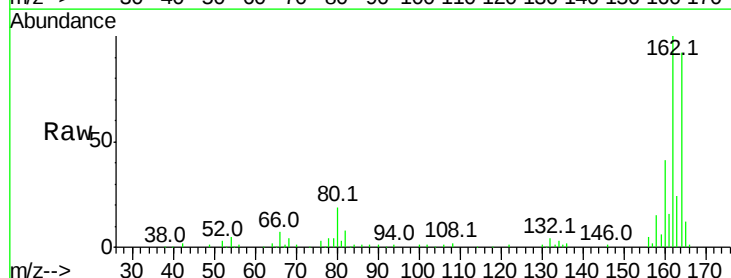
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: BF095248.D
 Acq: 19 May 2017 5:40

Tgt Ion	164	Resp	184748
Ion Ratio	100	Lower	Upper
162	108.6	82.6	123.8
160	44.6	36.2	54.2





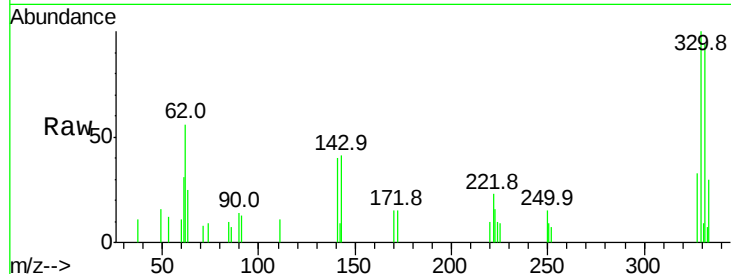
#41
 2,4,6-Tribromophenol
 Concen: 8.41 ng
 RT: 13.95 min Scan# 2043
 Delta R.T. 0.04 min
 Lab File: BF095248.D
 Acq: 19 May 2017 5:40

Instrument :
 BNA_F
 ClientSampleId :
 E2-T4-BASE

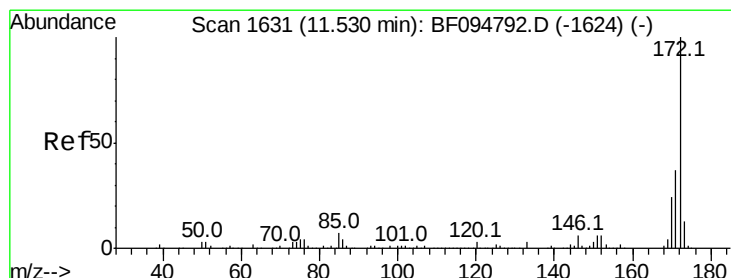
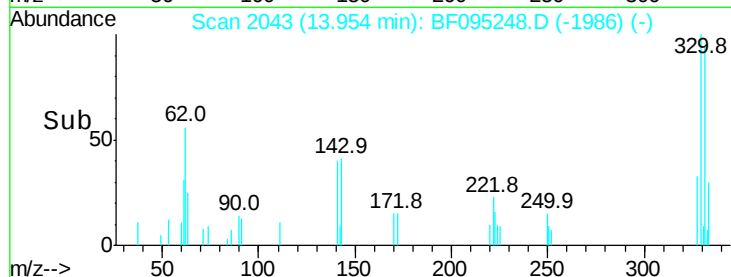
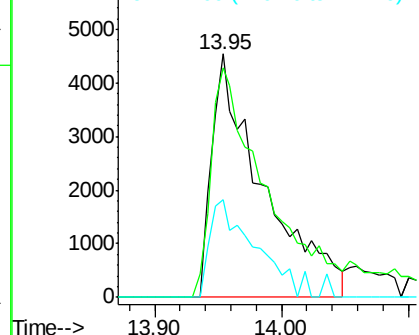
Tot Ion	Ratio	Lower	Upper
330	100		
332	101.2	76.6	115.0
141	35.8	31.4	47.2

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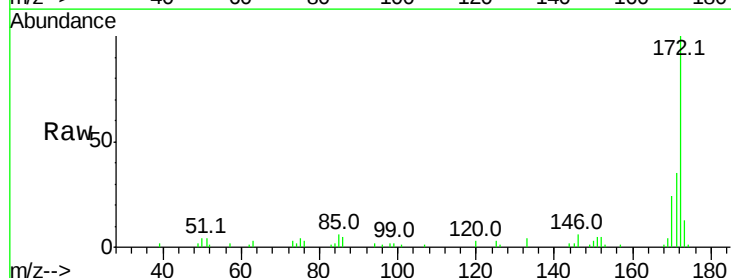


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

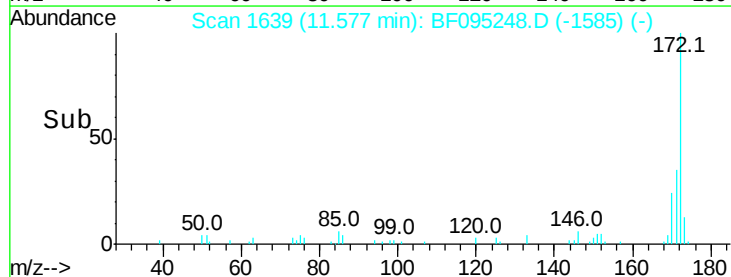
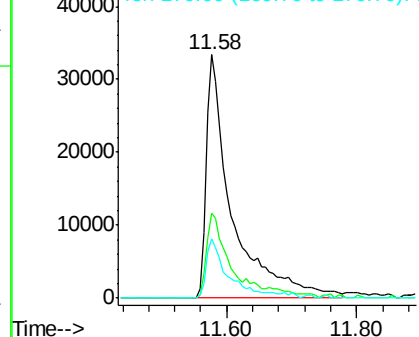


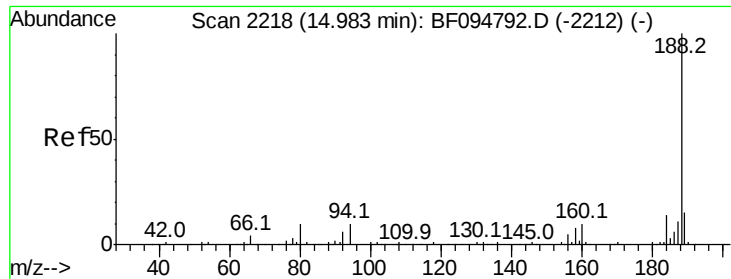
#44
 2-Fluorobiphenyl
 Concen: 7.11 ng
 RT: 11.58 min Scan# 1639
 Delta R.T. 0.02 min
 Lab File: BF095248.D
 Acq: 19 May 2017 5:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	24.2	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





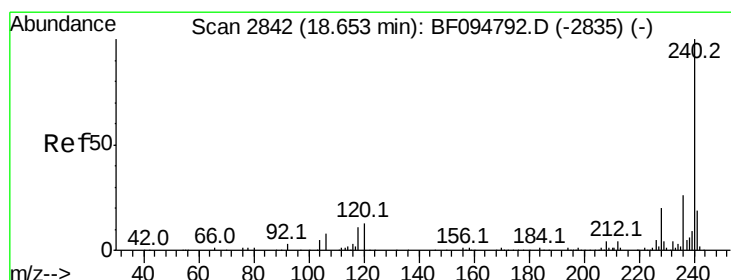
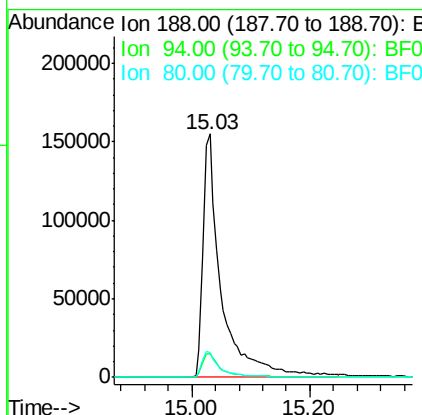
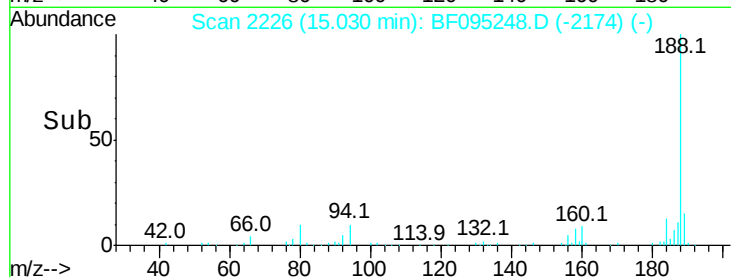
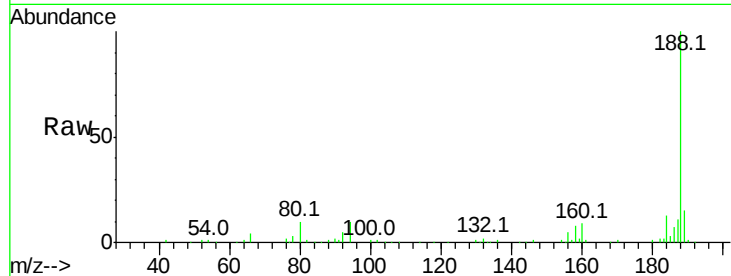
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF095248.D
Acq: 19 May 2017 5:40

Instrument :
BNA_F
ClientSampleId :
E2-T4-BASE

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.8	9.4	14.2	
80	10.3	10.2	15.2	

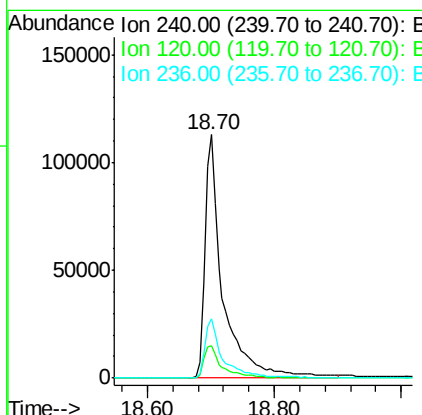
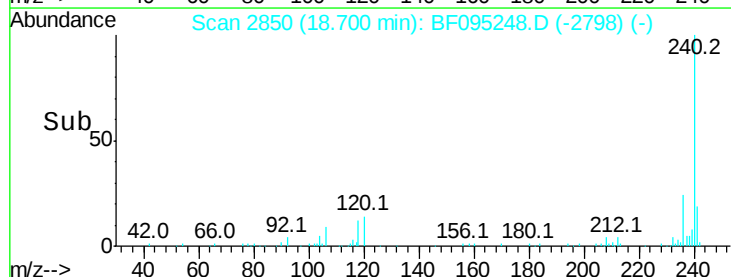
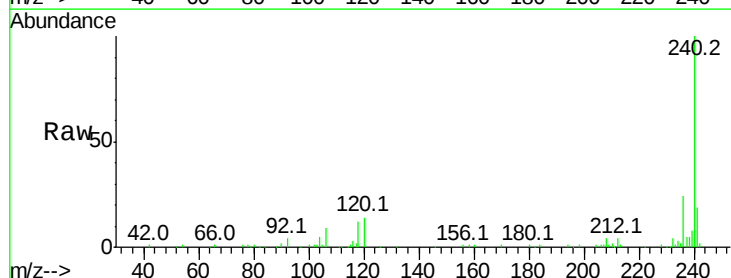
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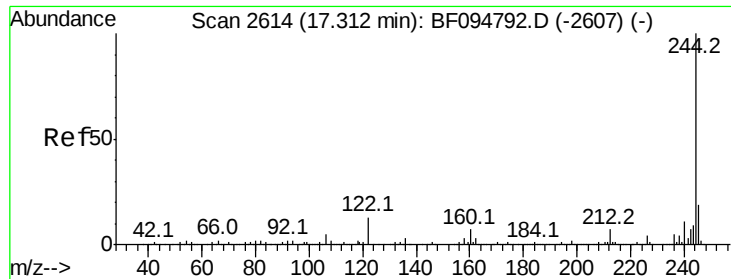
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.70 min Scan# 2850
Delta R.T. 0.01 min
Lab File: BF095248.D
Acq: 19 May 2017 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.5	5.8	8.8#	
236	24.3	20.5	30.7	





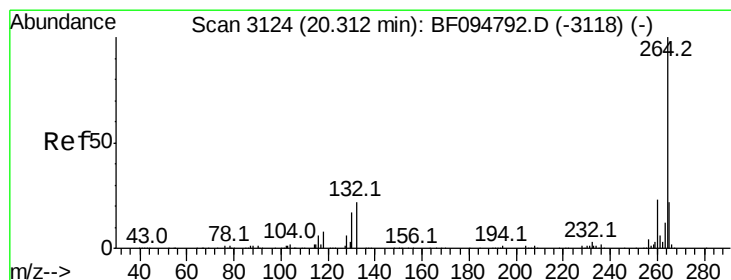
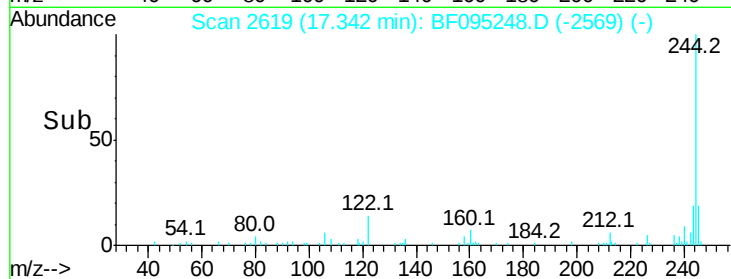
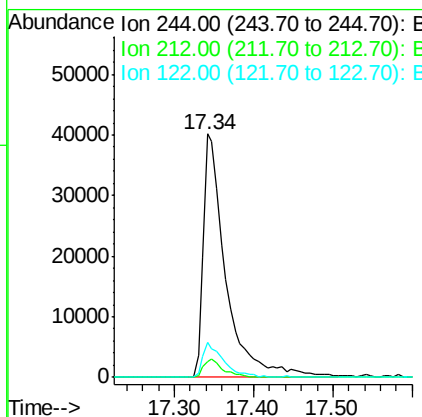
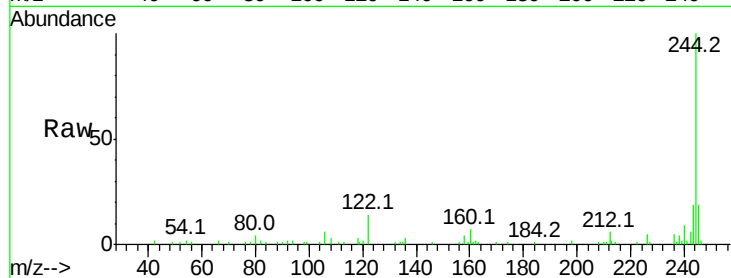
#78
 Terphenyl-d14
 Concen: 7.95 ng
 RT: 17.34 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF095248.D
 Acq: 19 May 2017 5:40

Instrument :
 BNA_F
 ClientSampleId :
 E2-T4-BASE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	14.2	10.3	15.5

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.38 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BF095248.D
 Acq: 19 May 2017 5:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	23.6	17.2	25.8

