

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095251.D
 Acq On : 19 May 2017 7:16
 Operator : SJ/MA
 Sample : I3186-11 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-S4-WSW

Manual Integrations
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Quant Time: May 19 07:58:36 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	7.78	152	72949	20.00	ng	0.01
21) Naphthalene-d8	9.80	136	299136	20.00	ng	0.01
38) Acenaphthene-d10	12.62	164	145325	20.00	ng	0.00
63) Phenanthrene-d10	15.03	188	256877	20.00	ng	0.00
75) Chrysene-d12	18.70	240	154550	20.00	ng	0.00
86) Perylene-d12	20.38	264	116287	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	33191m	7.59	ng	0.12
7) Phenol-d6	7.41	99	31401	5.98	ng	0.10
23) Nitrobenzene-d5	8.75	82	11279	2.38	ng	0.08
41) 2,4,6-Tribromophenol	13.96	330	9577	8.05	ng	0.04
44) 2-Fluorobiphenyl	11.58	172	73930	7.32	ng	0.02
78) Terphenyl-d14	17.35	244	57003	8.12	ng	0.00

Target Compounds Qvalue

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

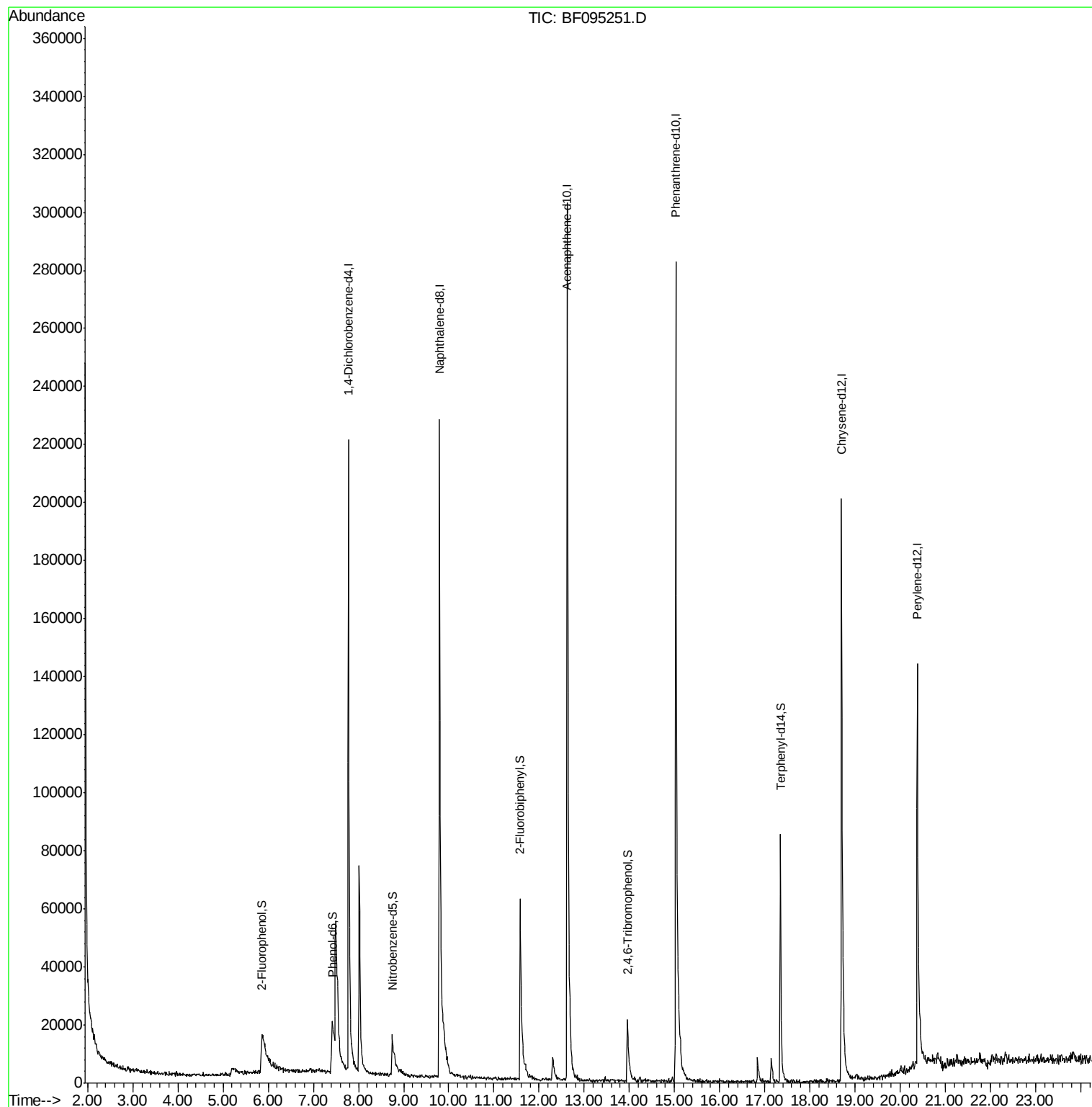
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
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ALS Vial : 28 Sample Multiplier: 1

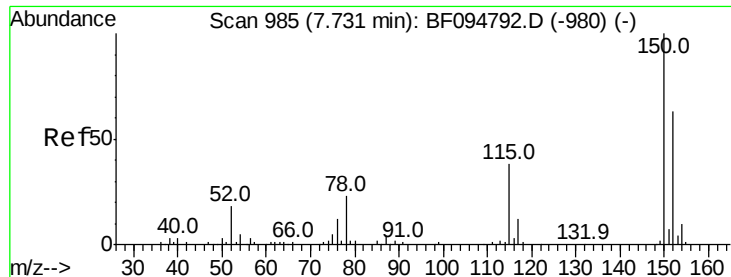
Instrument :
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#1

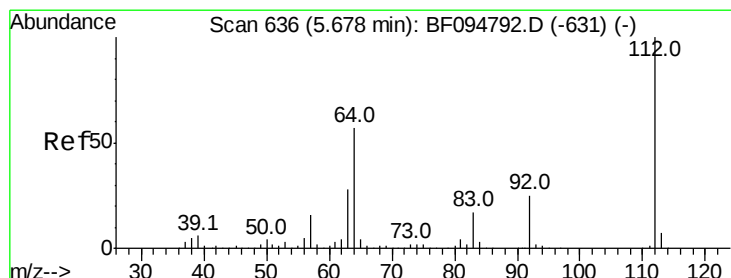
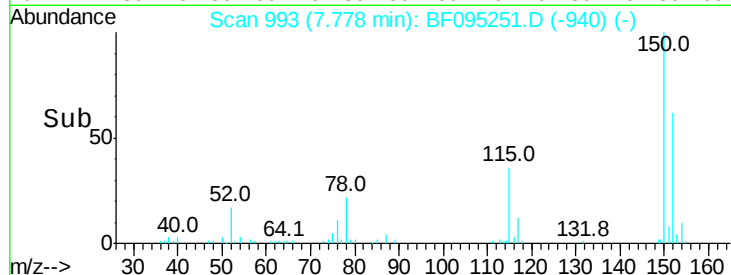
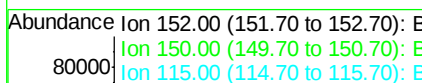
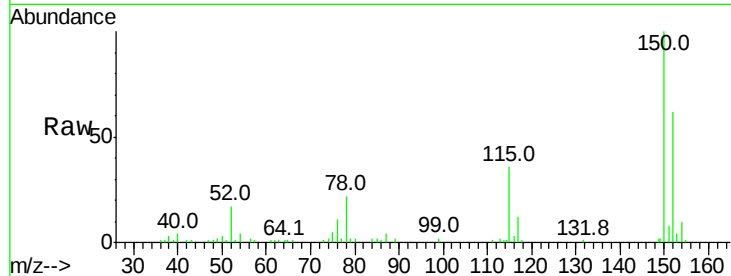
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF095251.D
Acq: 19 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
E2-S4-WSW

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	126.2	189.2
115	58.9	52.2	78.2

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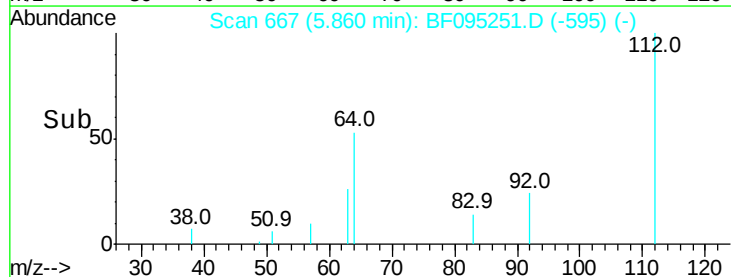
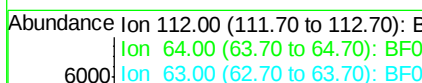
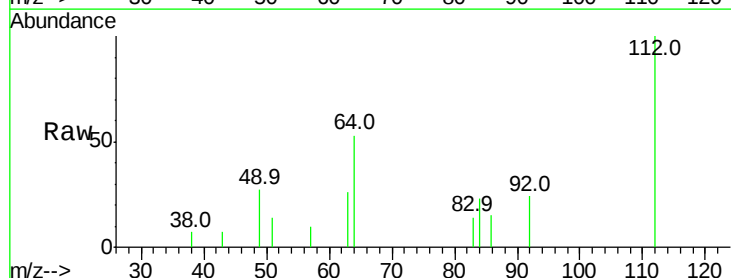
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#5

2-Fluorophenol
Concen: 7.59 ng m
RT: 5.86 min Scan# 667
Delta R.T. 0.12 min
Lab File: BF095251.D
Acq: 19 May 2017 7:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	46.0	69.0
63	25.6	23.4	35.0





#7

Phenol-d6

Concen: 5.98 ng

RT: 7.41 min Scan# 931

Delta R.T. 0.10 min

Lab File: BF095251.D

Acq: 19 May 2017 7:16

Instrument :

BNA_F

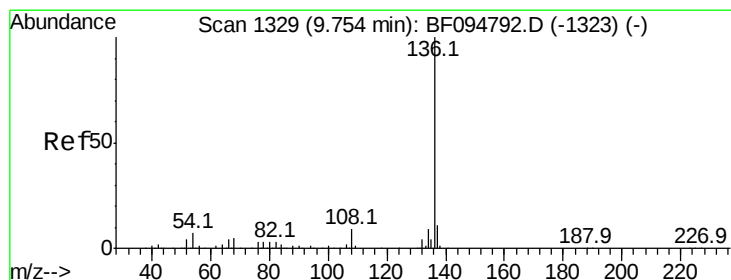
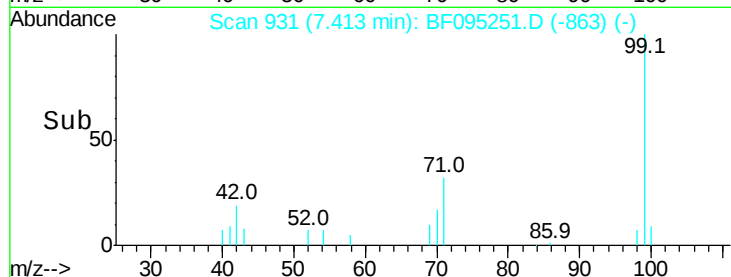
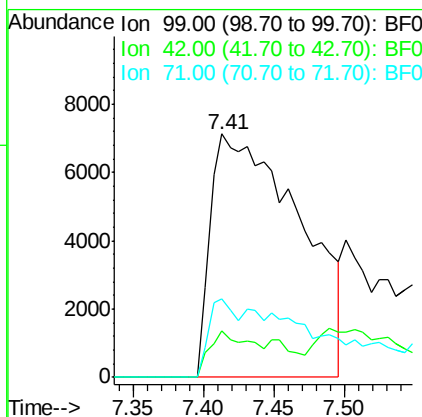
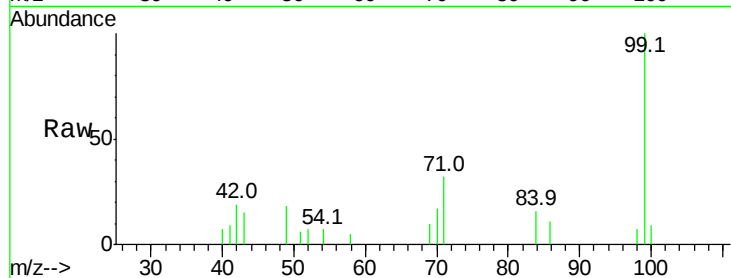
ClientSampleId :

E2-S4-WSW

Tot Ion:	99	Resp:	31401
Ion Ratio	Lower	Upper	
99	100		
42	19.1	13.5	20.3
71	32.2	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

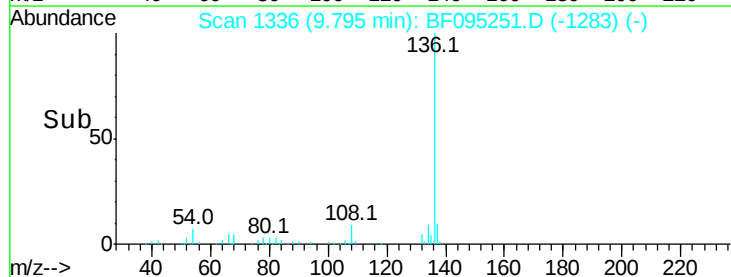
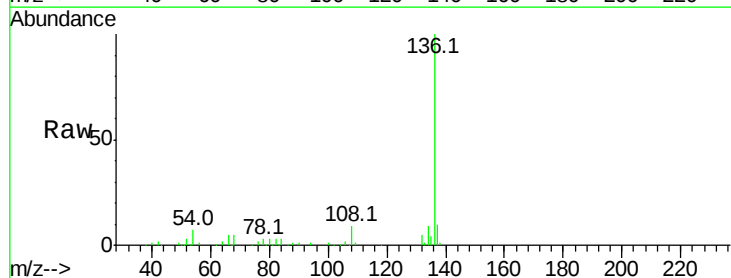
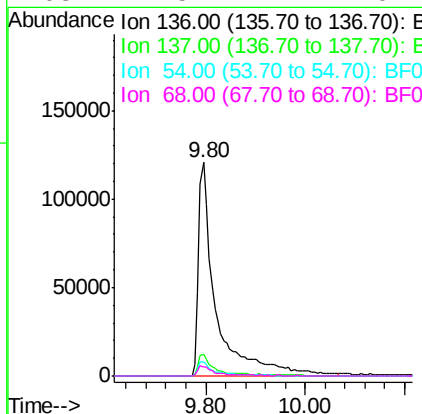
RT: 9.80 min Scan# 1336

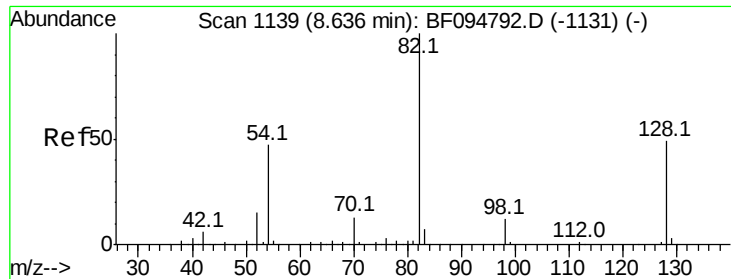
Delta R.T. 0.01 min

Lab File: BF095251.D

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Tgt Ion:	136	Resp:	299136
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.5	12.7
54	6.6	4.9	7.3
68	4.5	4.1	6.1





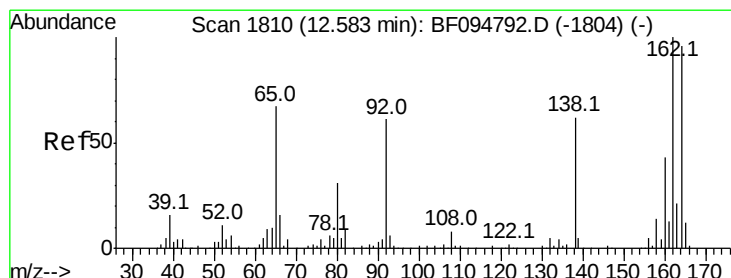
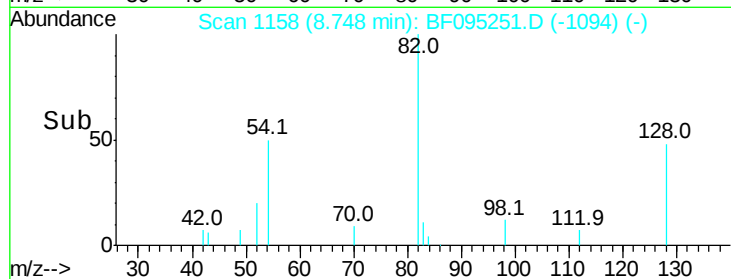
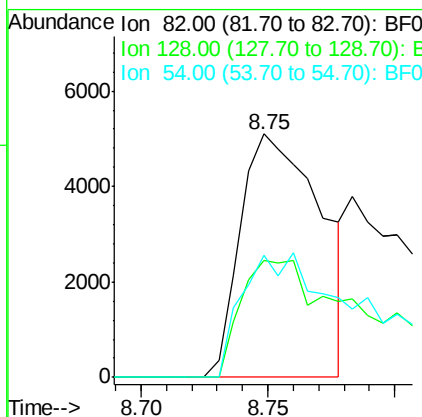
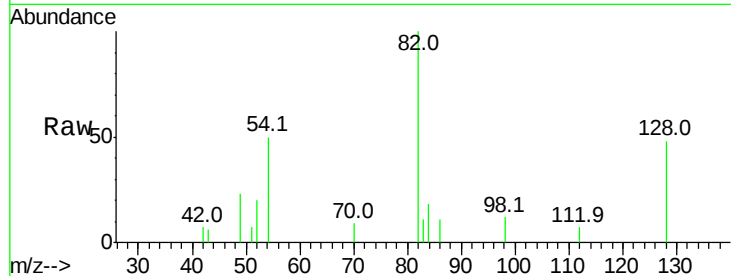
#23
 Nitrobenzene-d5
 Concen: 2.38 ng
 RT: 8.75 min Scan# 1158
 Delta R.T. 0.08 min
 Lab File: BF095251.D
 Acq: 19 May 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 E2-S4-WSW

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	50.0	42.2	63.2

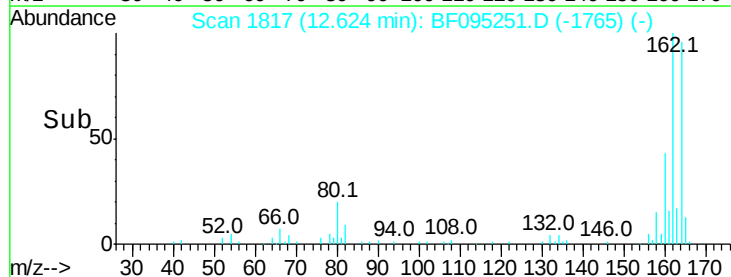
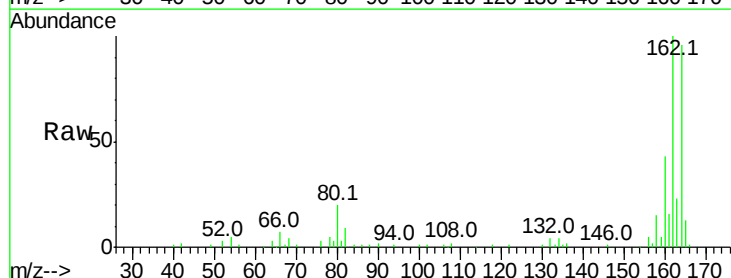
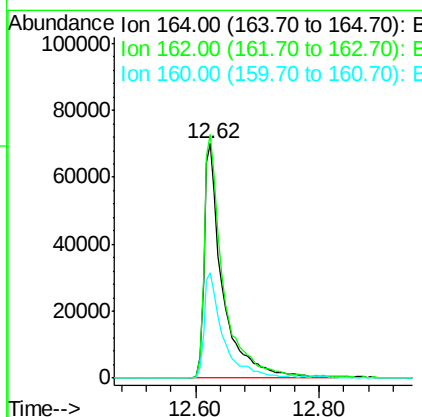
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: BF095251.D
 Acq: 19 May 2017 7:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	44.8	36.2	54.2





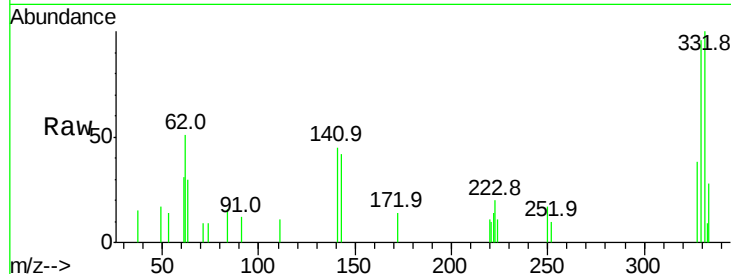
#41
 2,4,6-Tribromophenol
 Concen: 8.05 ng
 RT: 13.96 min Scan# 2044
 Delta R.T. 0.04 min
 Lab File: BF095251.D
 Acq: 19 May 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 E2-S4-WSW

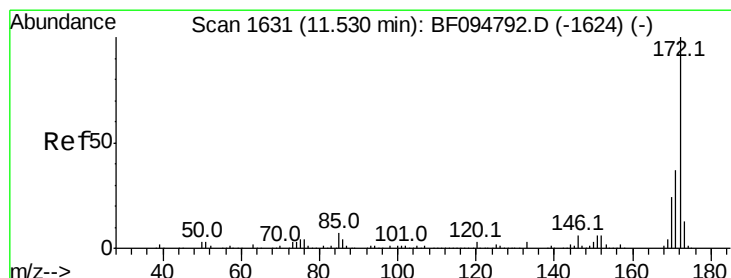
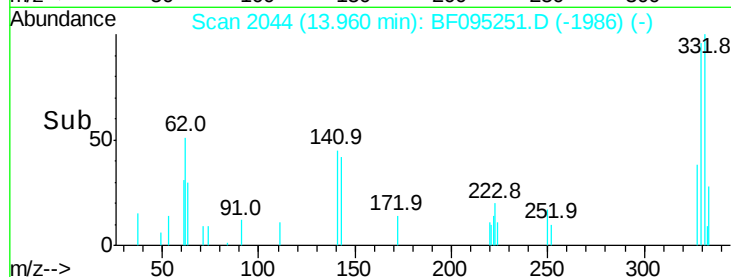
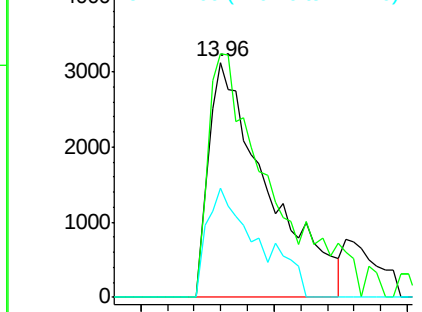
Tot Ion	Ratio	Lower	Upper
330	100		
332	91.2	76.6	115.0
141	40.5	31.4	47.2

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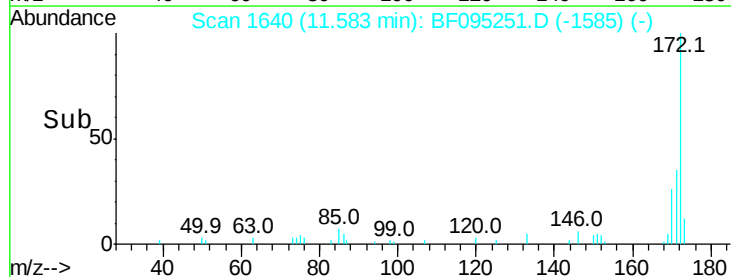
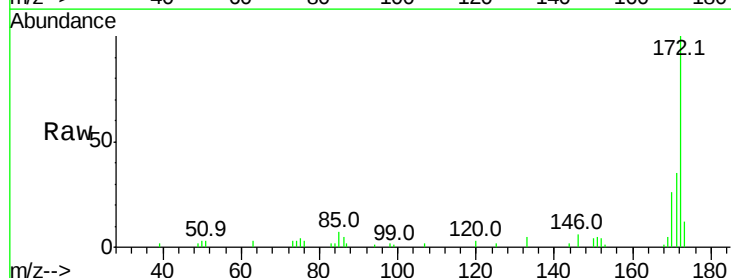
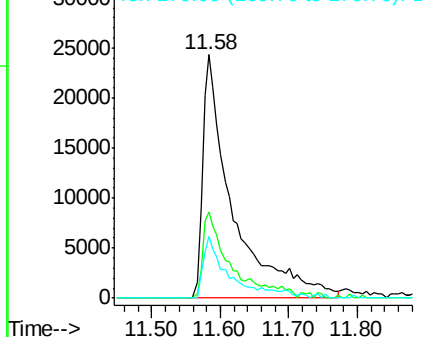
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

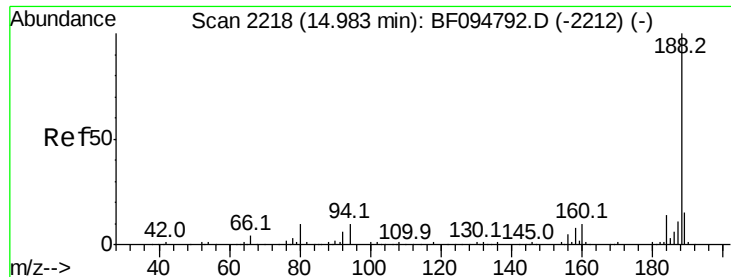


#44
 2-Fluorobiphenyl
 Concen: 7.32 ng
 RT: 11.58 min Scan# 1640
 Delta R.T. 0.02 min
 Lab File: BF095251.D
 Acq: 19 May 2017 7:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	25.5	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: BF095251.D

Acq: 19 May 2017 7:16

Instrument :

BNA_F

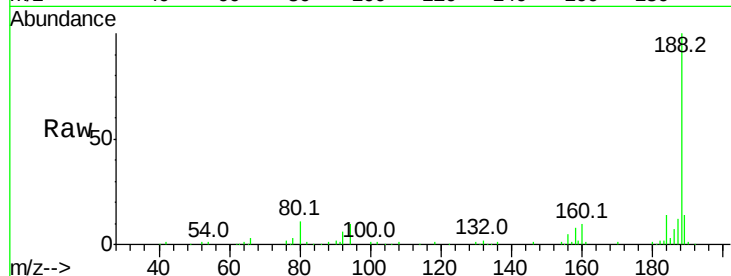
ClientSampleId :

E2-S4-WSW

Tot Ion:	188	Resp:	256877
Ion Ratio	Lower	Upper	
188	100		
94	10.4	9.4	14.2
80	10.9	10.2	15.2

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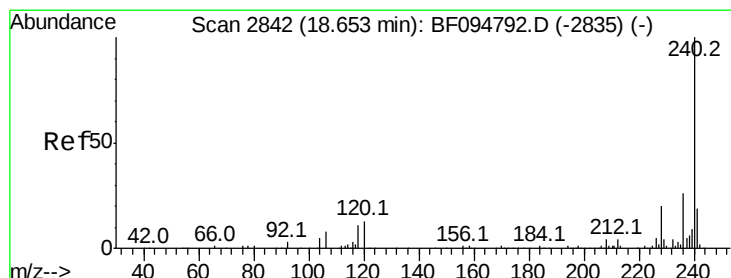
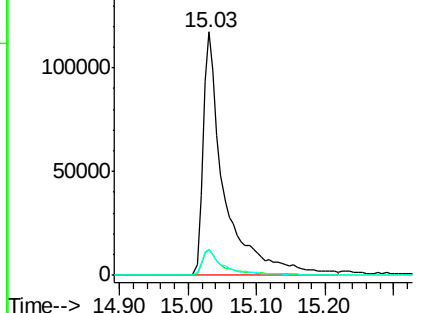
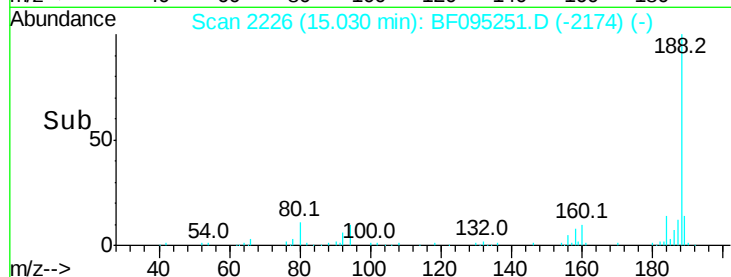
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

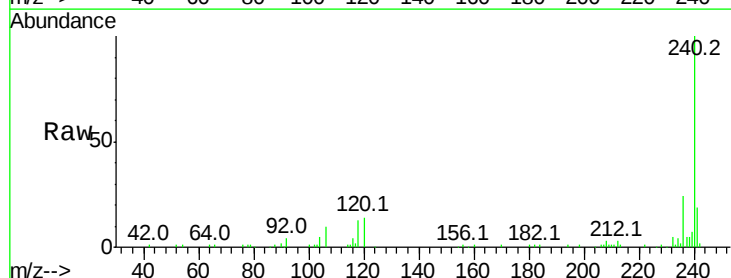
RT: 18.70 min Scan# 2850

Delta R.T. 0.01 min

Lab File: BF095251.D

Acq: 19 May 2017 7:16

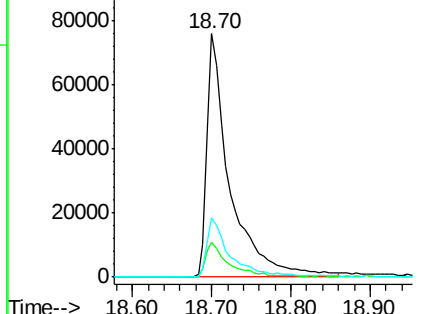
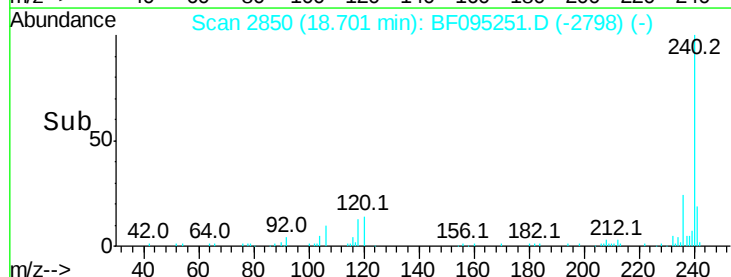
Tgt Ion:	240	Resp:	154550
Ion Ratio	Lower	Upper	
240	100		
120	14.3	5.8	8.8#
236	24.4	20.5	30.7

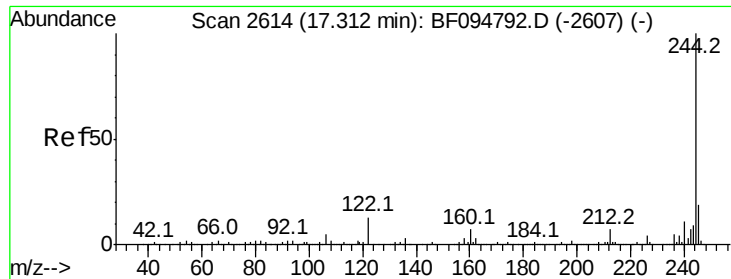


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





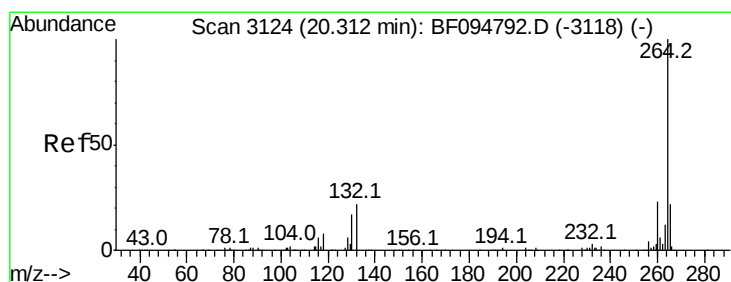
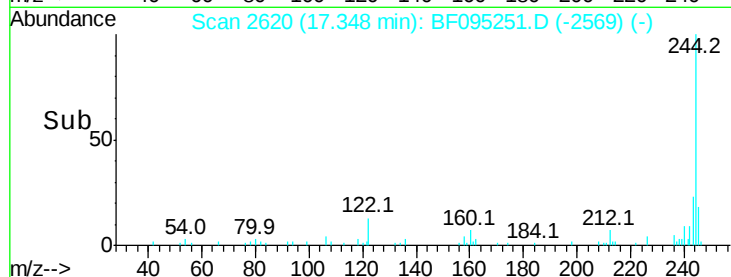
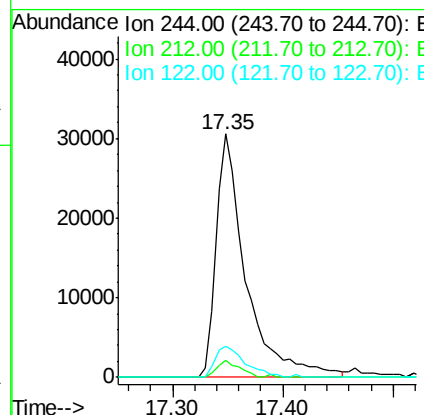
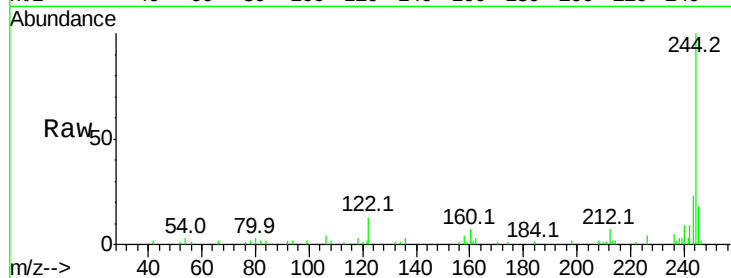
#78
 Terphenyl-d14
 Concen: 8.12 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.00 min
 Lab File: BF095251.D
 Acq: 19 May 2017 7:16

Instrument :
 BNA_F
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 E2-S4-WSW

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.8	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: BF095251.D
 Acq: 19 May 2017 7:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	20.4	17.2	25.8

