

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095452.D
 Acq On : 26 May 2017 8:18
 Operator : SJ/MA
 Sample : I3347-05 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 284-CONCRETE

Manual Integrations
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Quant Time: May 26 11:46:37 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	7.75	152	81308	20.00	ng	-0.02
21) Naphthalene-d8	9.78	136	271746	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	139121	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	193980	20.00	ng	0.00
75) Chrysene-d12	18.68	240	169190	20.00	ng	-0.01
86) Perylene-d12	20.37	264	113933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	43746m	8.97	ng	0.09
7) Phenol-d6	7.41	99	56803m	9.71	ng	0.10
23) Nitrobenzene-d5	8.73	82	29885m	6.93	ng	0.06
41) 2,4,6-Tribromophenol	13.95	330	6727	5.90	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	84049	8.70	ng	0.00
78) Terphenyl-d14	17.33	244	54139	7.05	ng	-0.02

Target Compounds Qvalue

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

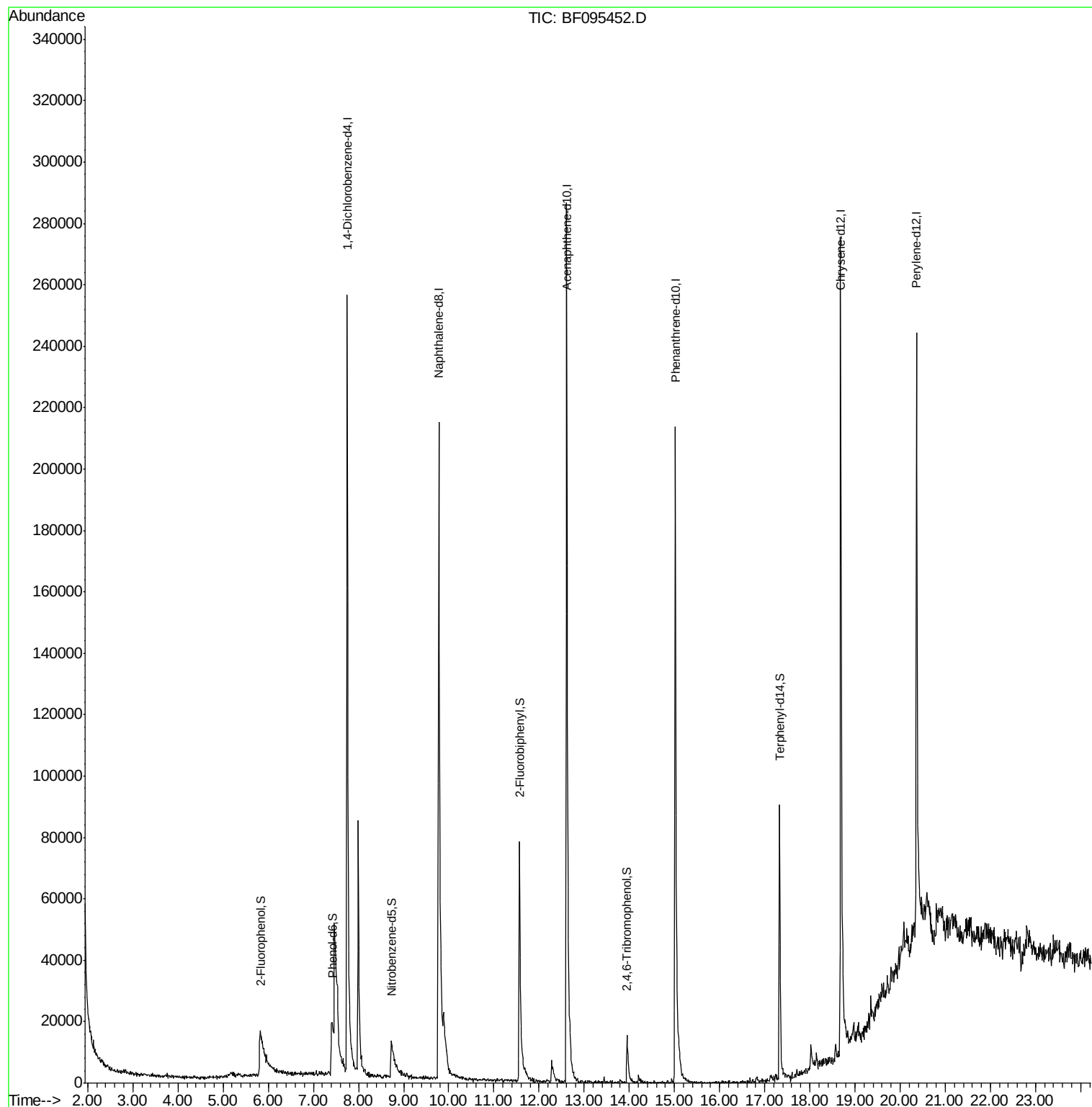
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095452.D
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ALS Vial : 28 Sample Multiplier: 1

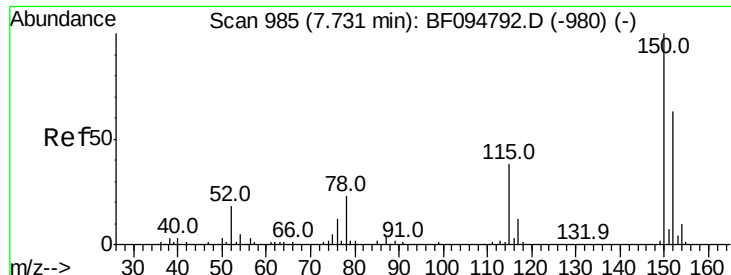
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#1

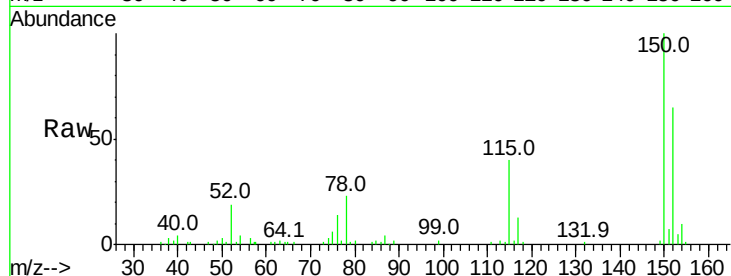
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF095452.D
Acq: 26 May 2017 8:18

Instrument :
BNA_F
ClientSampleId :
284-CONCRETE

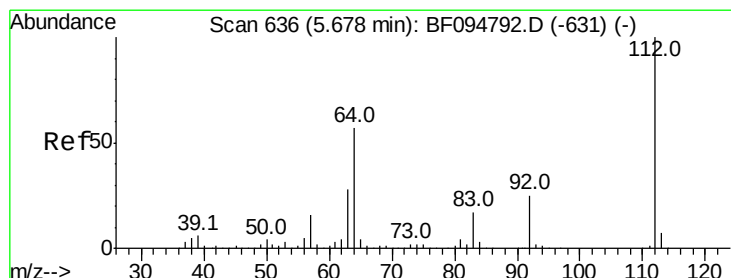
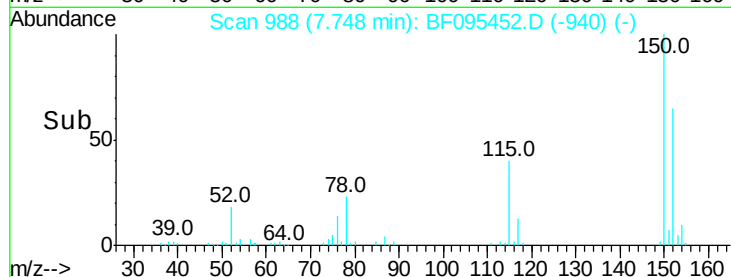
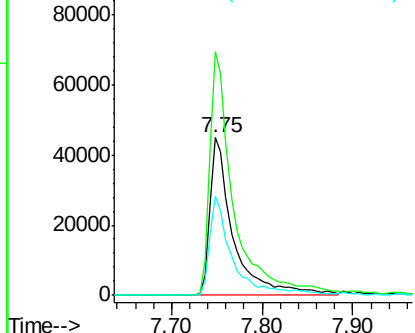
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.2	189.2
115	62.6	52.2	78.2

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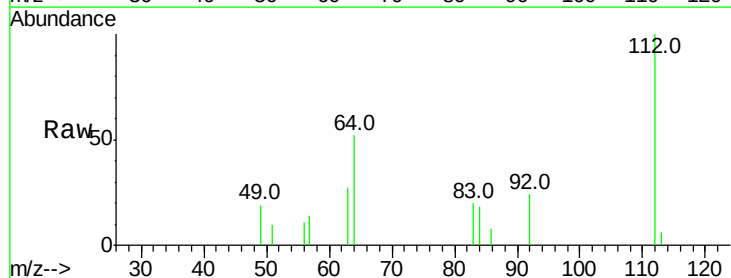
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



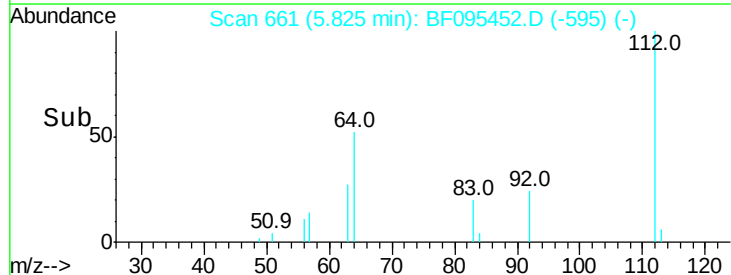
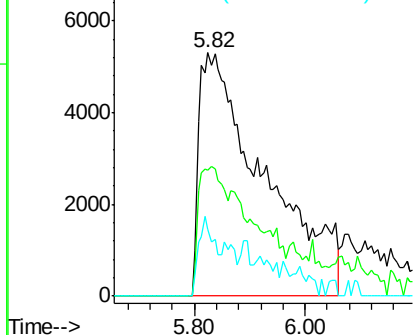
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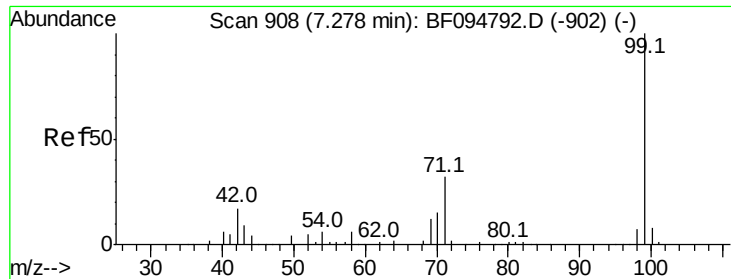
2-Fluorophenol
Concen: 8.97 ng m
RT: 5.82 min Scan# 661
Delta R.T. 0.09 min
Lab File: BF095452.D
Acq: 26 May 2017 8:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.6	46.0	69.0
63	27.5	23.4	35.0



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

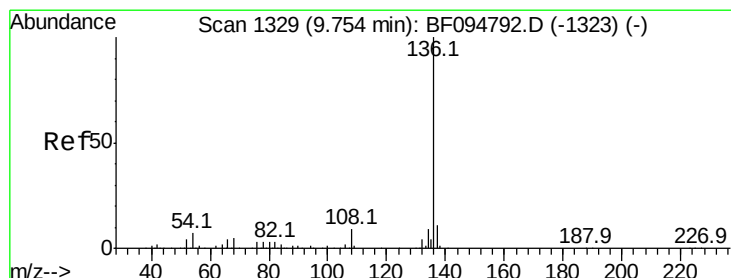
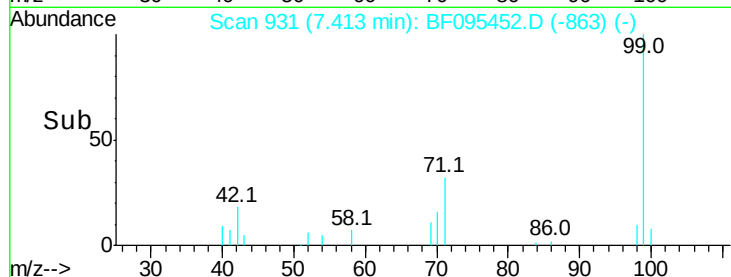
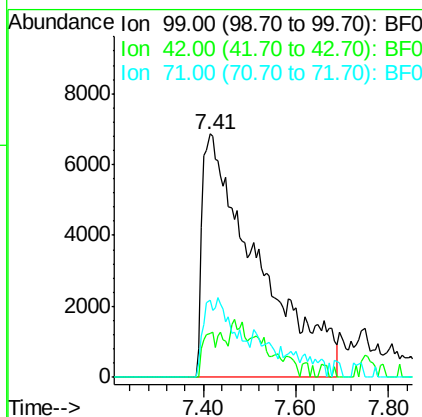
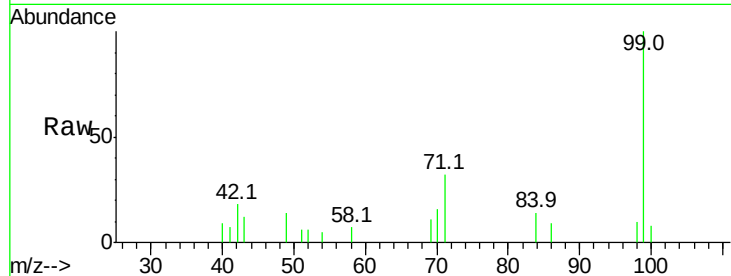
Concen: 9.71 ng/ml
 RT: 7.41 min Scan# 931
 Delta R.T. 0.10 min
 Lab File: BF095452.D
 Acq: 26 May 2017 8:18

Instrument :
 BNA_F
 ClientSampleId :
 284-CONCRETE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		56803		
42	18.2	13.5	20.3		
71	31.8	24.5	36.7		

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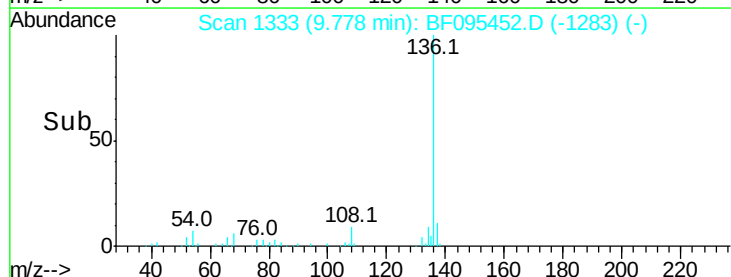
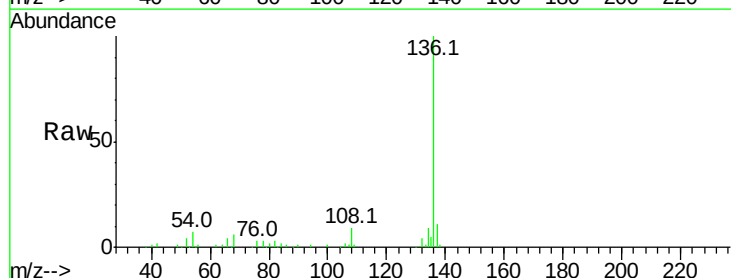
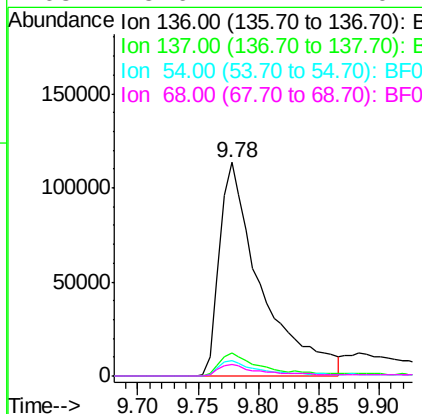


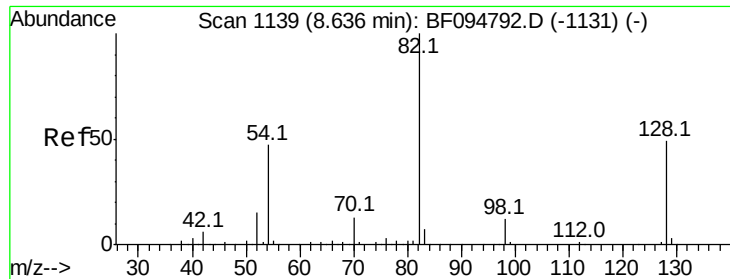
#21

Naphthalene-d8

Concen: 20.00 ng
 RT: 9.78 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF095452.D
 Acq: 26 May 2017 8:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		271746		
137	10.6	8.5	12.7		
54	7.5	4.9	7.3		
68	5.6	4.1	6.1		





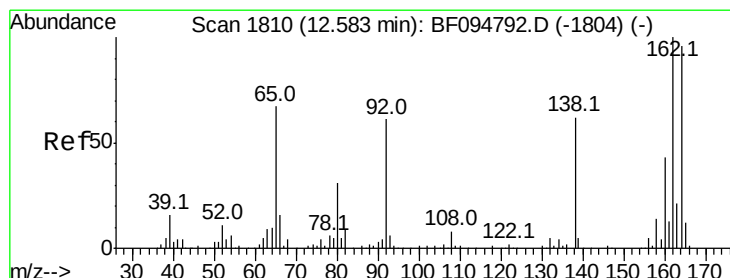
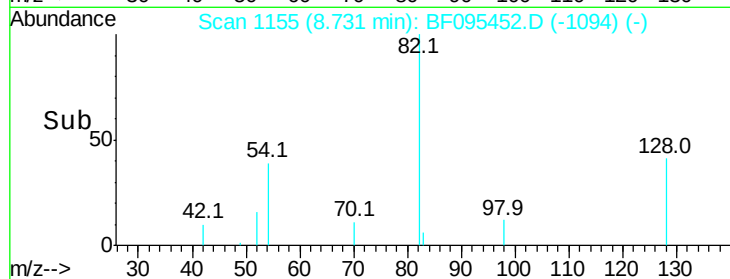
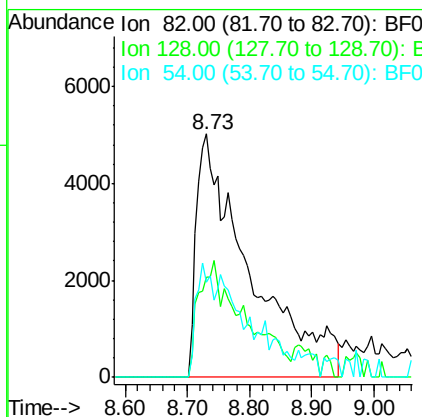
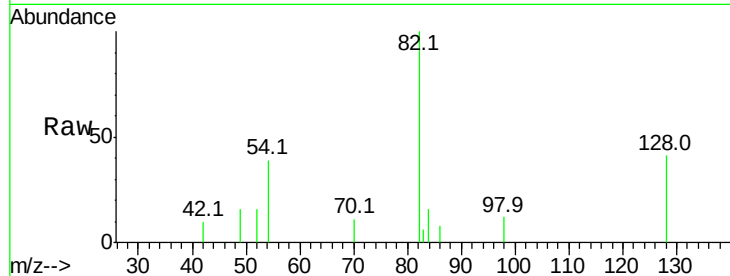
#23
 Nitrobenzene-d5
 Concen: 6.93 ng/ml
 RT: 8.73 min Scan# 1155
 Delta R.T. 0.06 min
 Lab File: BF095452.D
 Acq: 26 May 2017 8:18

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.0	51.0
54	39.2	42.2	63.2

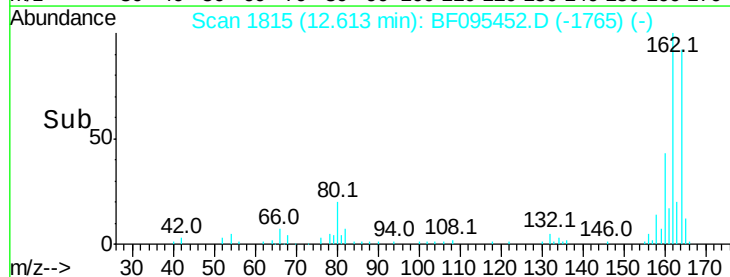
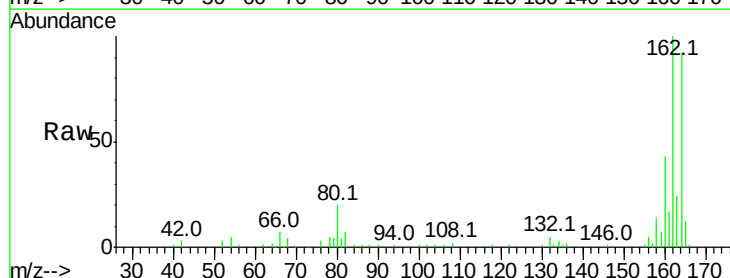
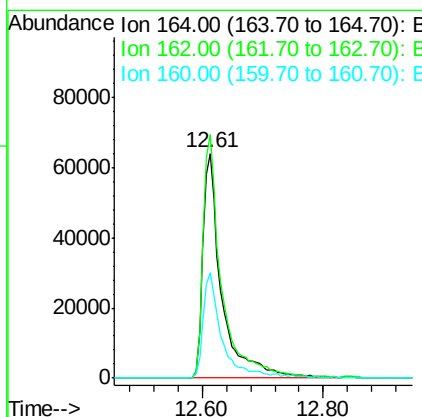
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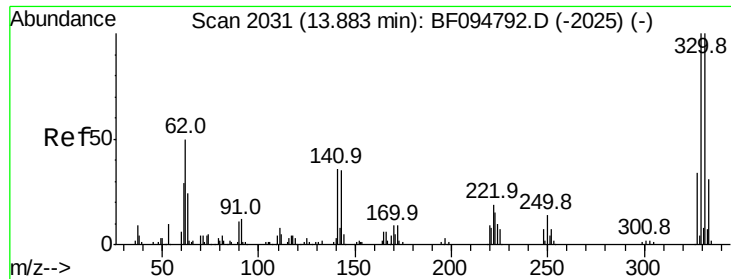
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095452.D
 Acq: 26 May 2017 8:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.4	82.6	123.8
160	46.9	36.2	54.2





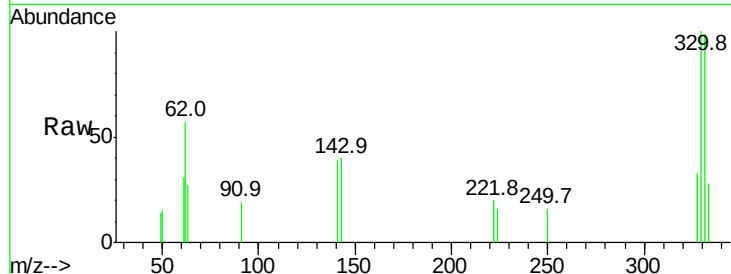
#41
 2,4,6-Tribromophenol
 Concen: 5.90 ng
 RT: 13.95 min Scan# 2043
 Delta R.T. 0.04 min
 Lab File: BF095452.D
 Acq: 26 May 2017 8:18

Instrument :
 BNA_F
 ClientSampleId :
 284-CONCRETE

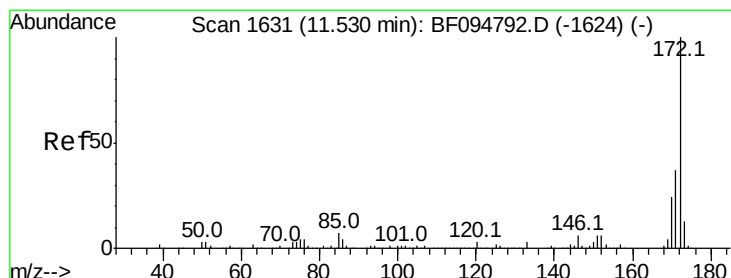
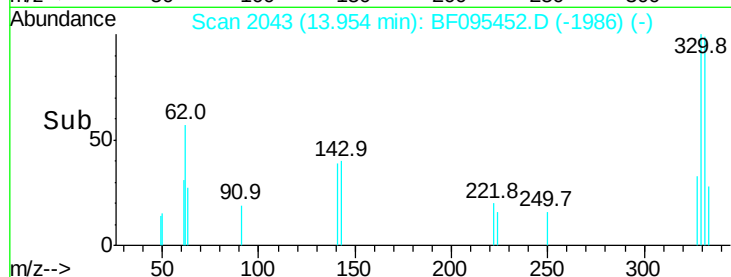
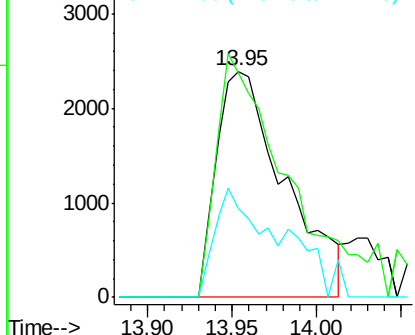
Tot Ion	Ratio	Lower	Upper
330	100		
332	113.2	76.6	115.0
141	32.5	31.4	47.2

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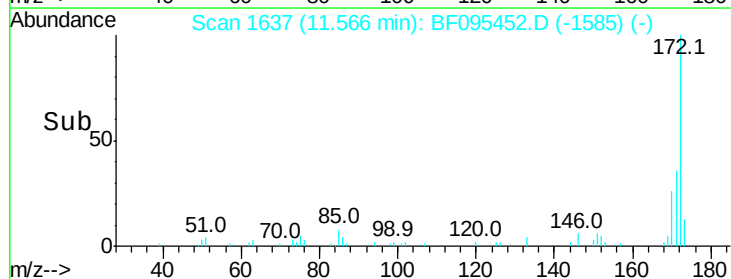
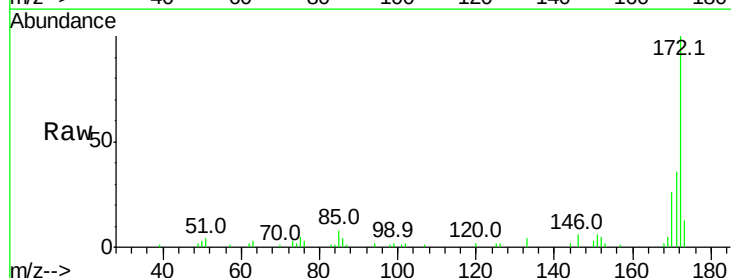
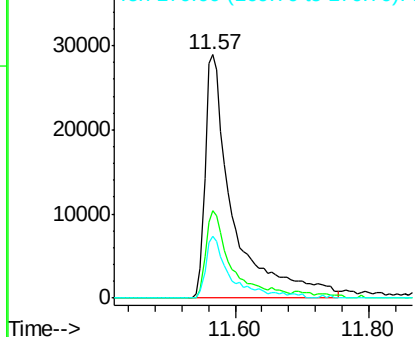
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

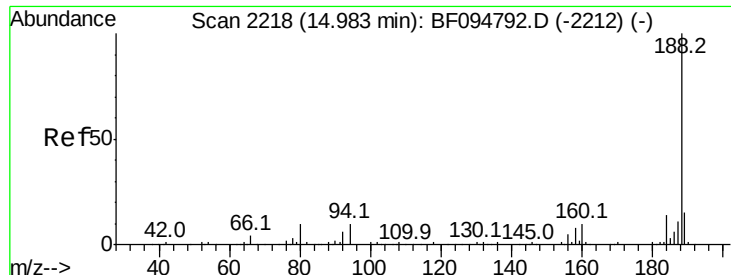


#44
 2-Fluorobiphenyl
 Concen: 8.70 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.01 min
 Lab File: BF095452.D
 Acq: 26 May 2017 8:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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





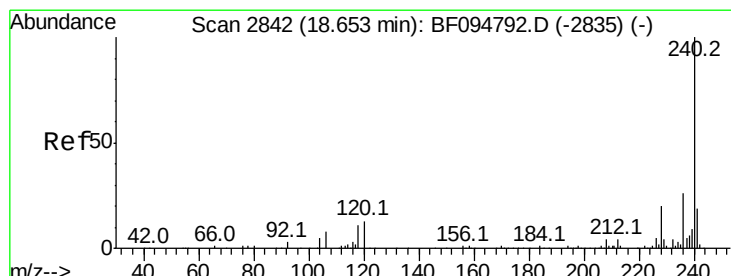
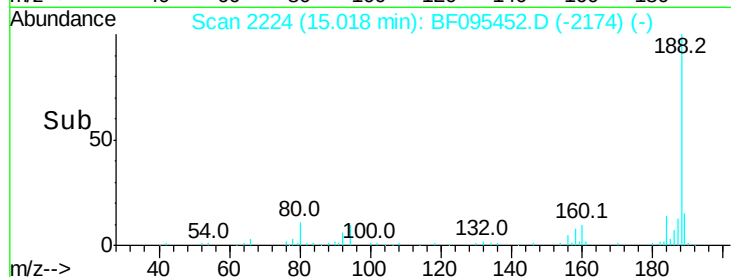
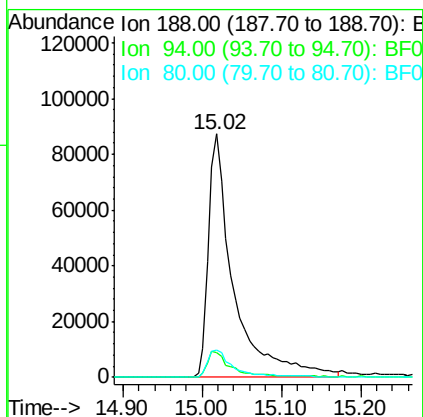
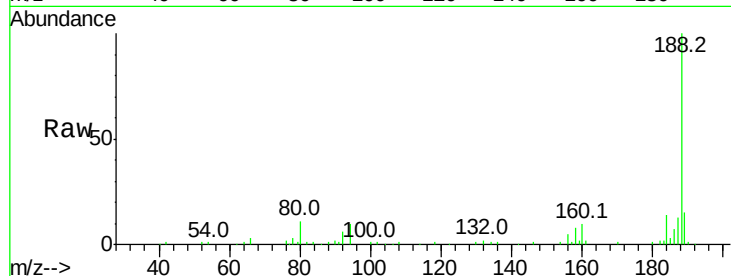
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095452.D
Acq: 26 May 2017 8:18

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.2	10.2	15.2

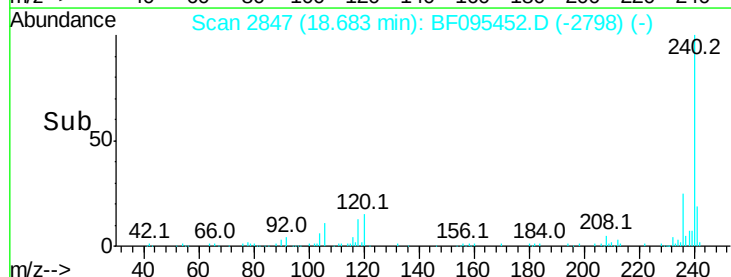
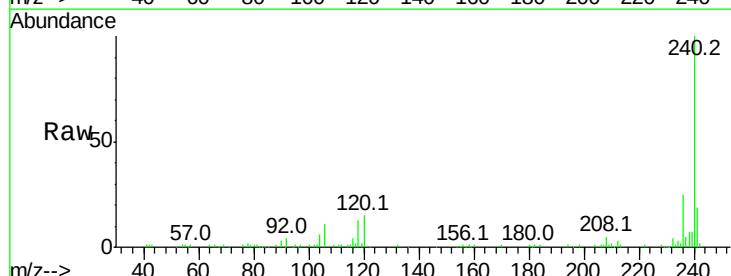
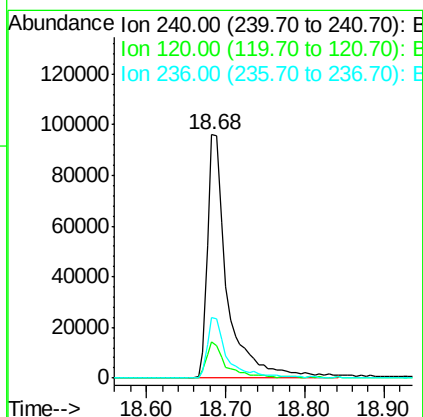
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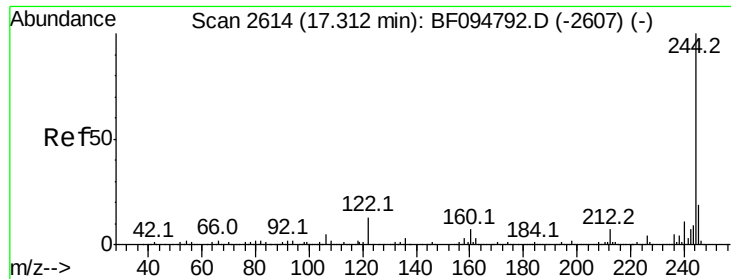
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095452.D
Acq: 26 May 2017 8:18

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	24.9	20.5	30.7





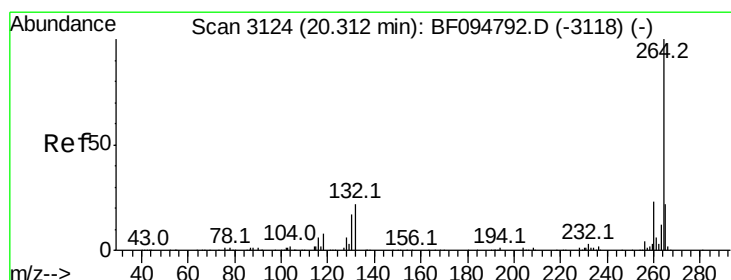
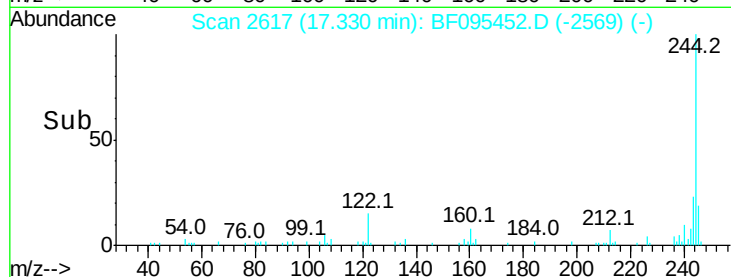
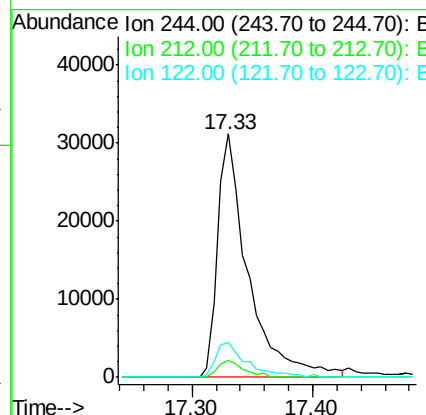
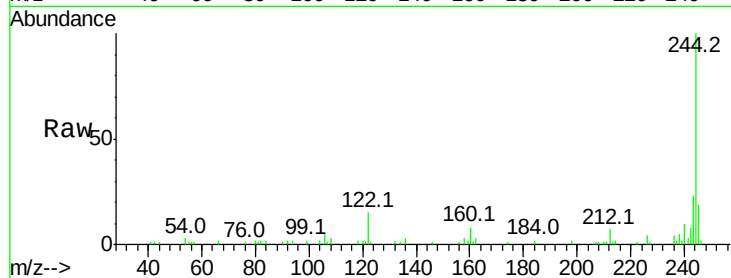
#78
 Terphenyl-d14
 Concen: 7.05 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095452.D
 Acq: 26 May 2017 8:18

Instrument :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.5	10.3	15.5

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095452.D
 Acq: 26 May 2017 8:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	23.6	17.2	25.8

