

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097629.D
 Acq On : 12 Aug 2017 9:52
 Operator : SJ/JU
 Sample : I4723-03 50X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELECTRICAL-UNIT-BUS-SUPPORT

Manual Integrations
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Quant Time: Aug 14 11:23:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	82133	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	365461	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	134119	20.00	ng	0.00
63) Phenanthrene-d10	14.76	188	208313	20.00	ng	0.00
75) Chrysene-d12	18.46	240	174418	20.00	ng	0.00
86) Perylene-d12	20.13	264	164721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	1439m	0.28	ng	0.31
7) Phenol-d6	7.26	99	4992m	0.78	ng	0.20
23) Nitrobenzene-d5	8.52	82	2292	0.39	ng	0.09
41) 2,4,6-Tribromophenol	13.69	330	850	0.83	ng	0.02
44) 2-Fluorobiphenyl	11.32	172	8937	1.01	ng	0.00
78) Terphenyl-d14	17.12	244	6253	0.74	ng	0.00

Target Compounds Qvalue

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

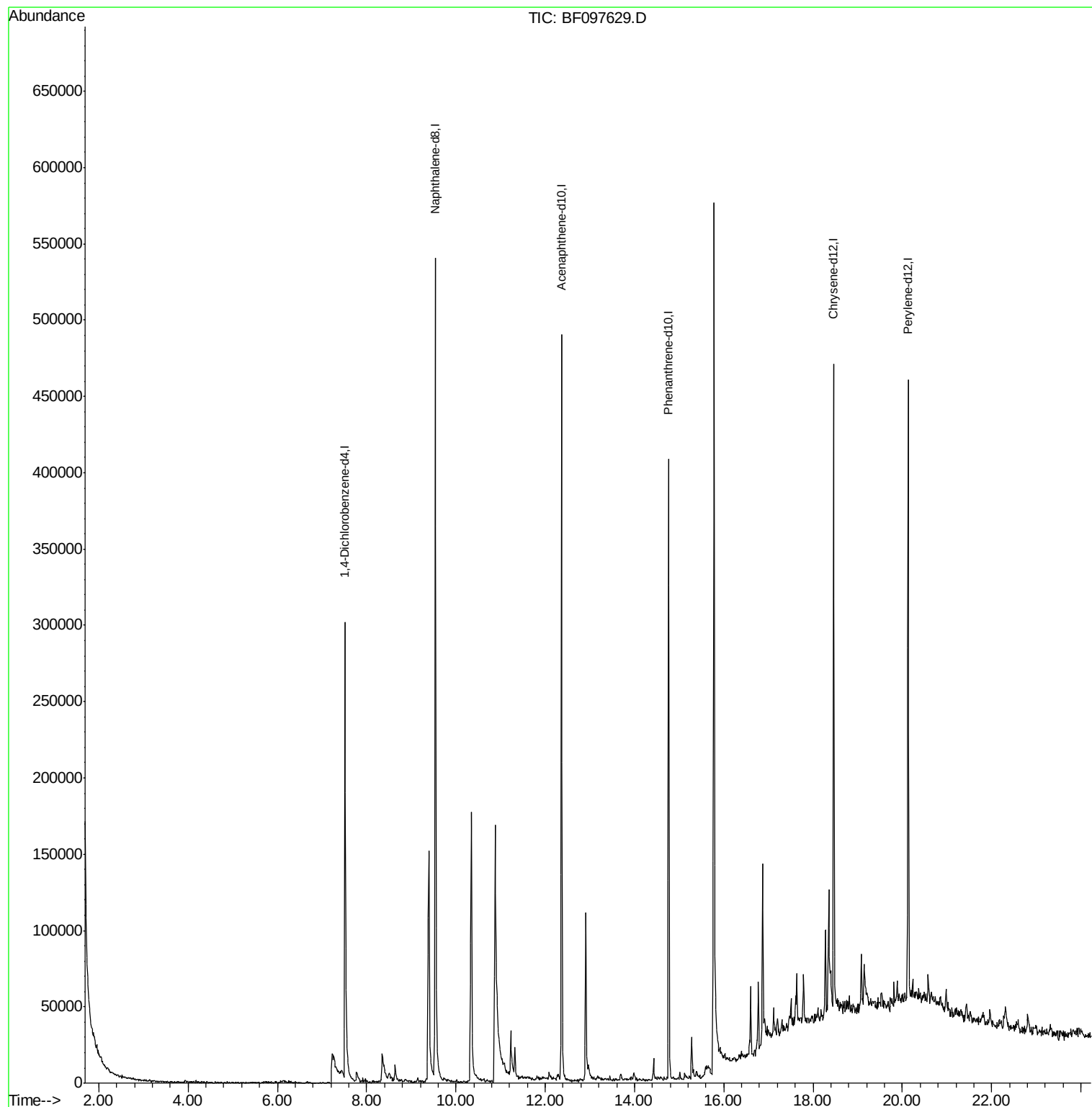
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097629.D
Acq On : 12 Aug 2017 9:52
Operator : SJ/JU
Sample : I4723-03 50X
Misc :
ALS Vial : 30 Sample Multiplier: 1

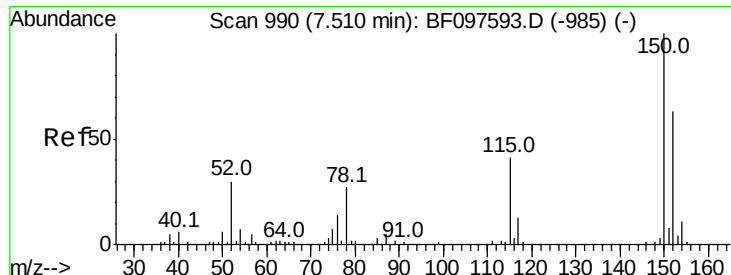
Instrument :
BNA_F
ClientSampleId :
ELECTRICAL-UNIT-BUS-SUPPORT

Quant Time: Aug 14 11:23:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
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QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

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#1

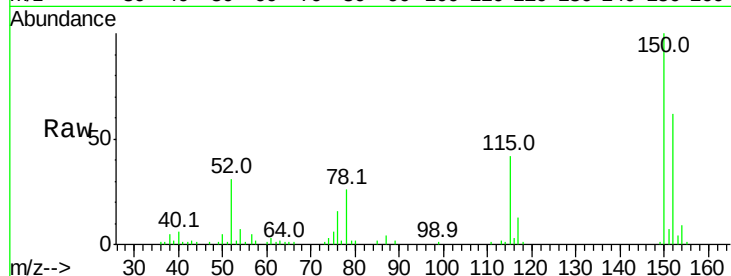
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF097629.D
Acq: 12 Aug 2017 9:52

Instrument :
BNA_F
ClientSampleId :
ELECTRICAL-UNIT-BUS-SUPPORT

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	67.7	52.2	78.2

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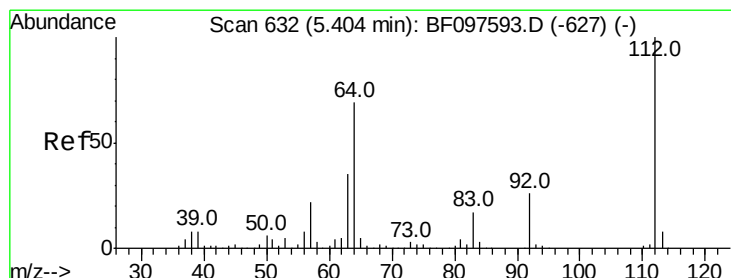
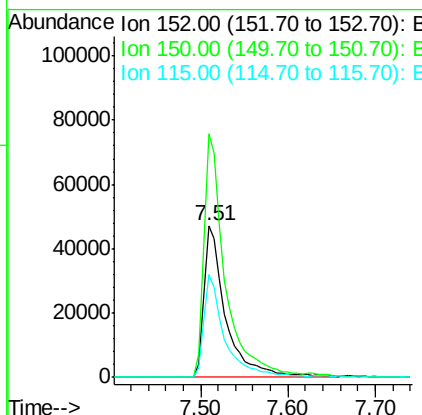
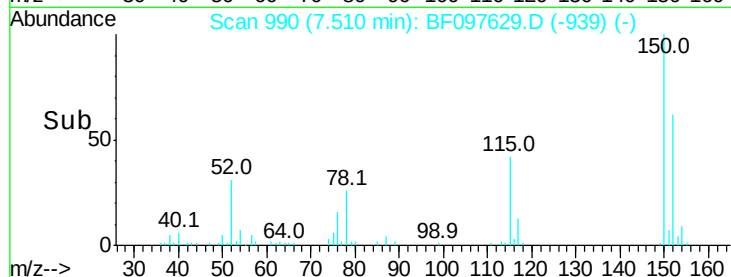


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

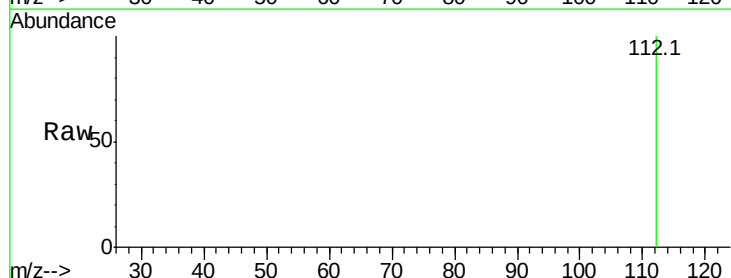
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.278 ng m
RT: 5.71 min Scan# 684
Delta R.T. 0.31 min
Lab File: BF097629.D
Acq: 12 Aug 2017 9:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	46.0	69.0#
63	0.0	23.4	35.0#

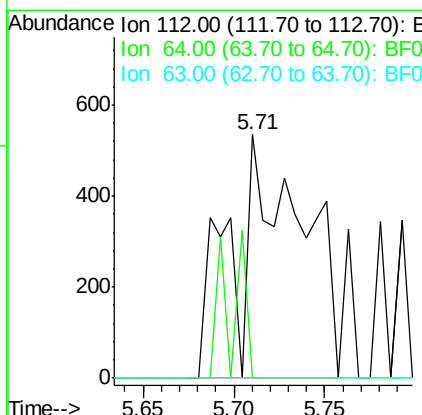
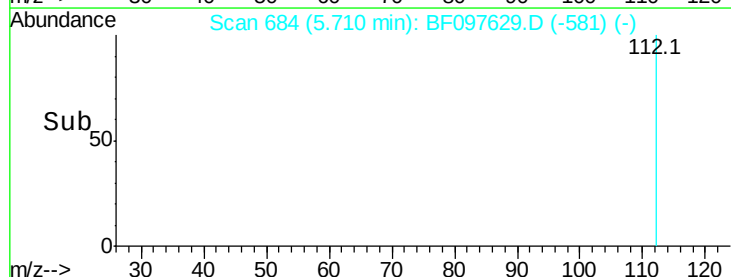


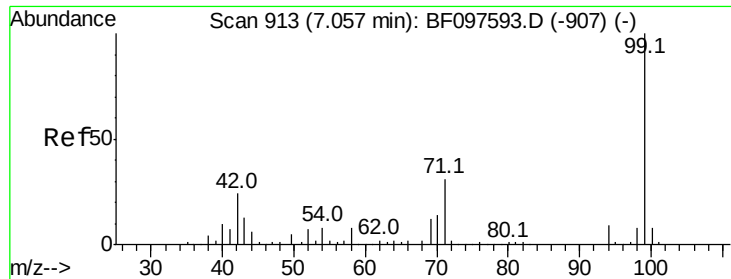
Abundance

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

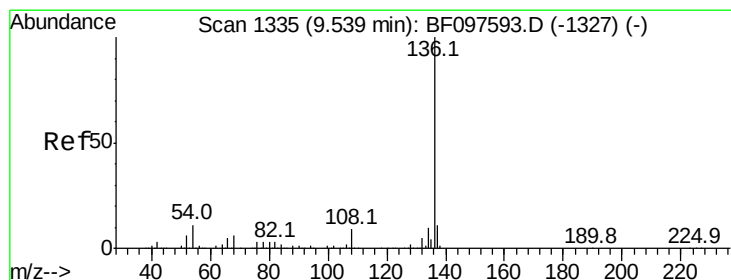
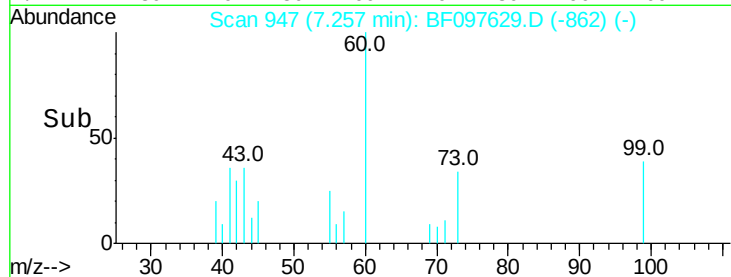
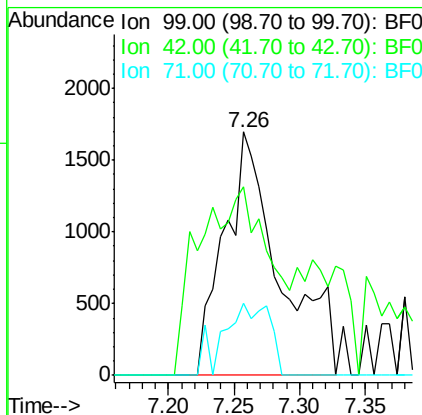
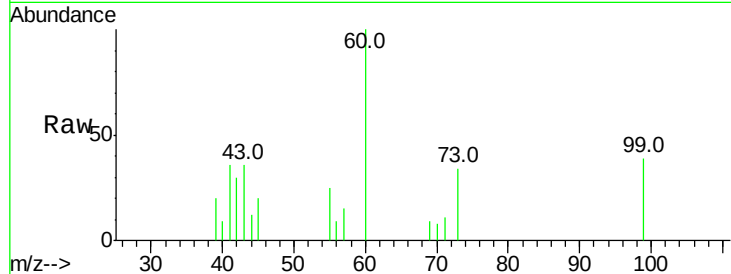
Concen: 0.779 ng/mL
 RT: 7.26 min Scan# 947
 Delta R.T. 0.20 min
 Lab File: BF097629.D
 Acq: 12 Aug 2017 9:52

Instrument :
 BNA_F
 ClientSampleId :
 ELECTRICAL-UNIT-BUS-SUPPORT

Tot Ion	Ratio	Lower	Upper
99	100		
42	77.3	13.5	20.3#
71	29.6	24.5	36.7

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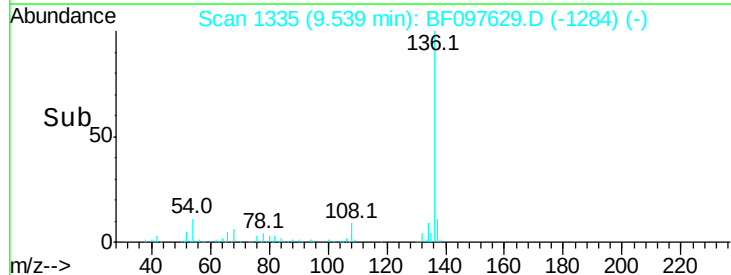
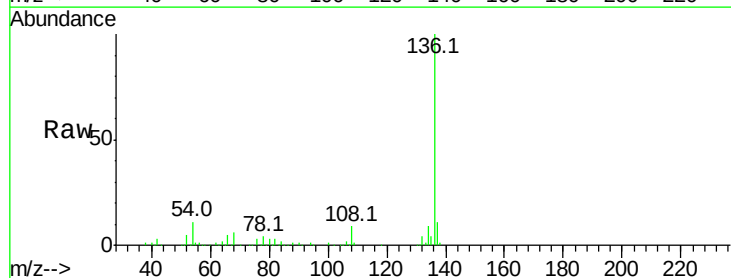
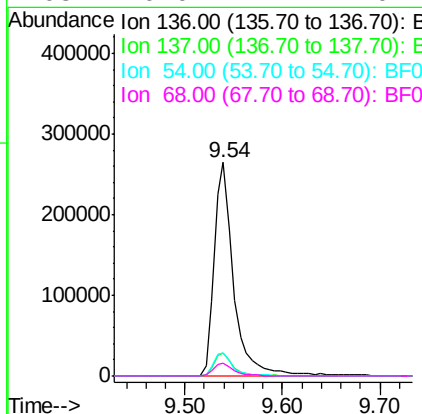


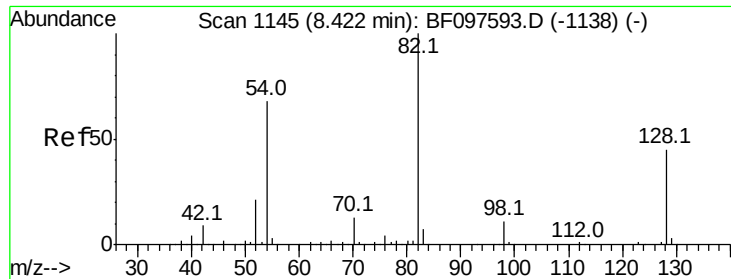
#21

Naphthalene-d8

Concen: 20.000 ng
 RT: 9.54 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF097629.D
 Acq: 12 Aug 2017 9:52

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	11.0	4.9	7.3#
68	6.0	4.1	6.1





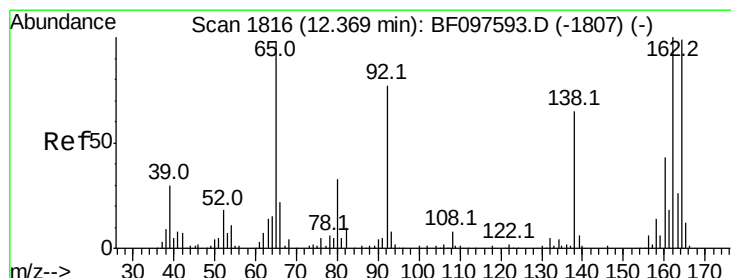
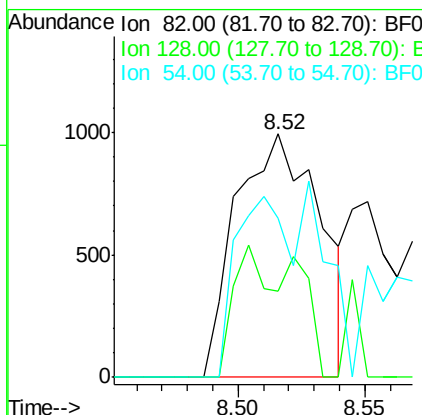
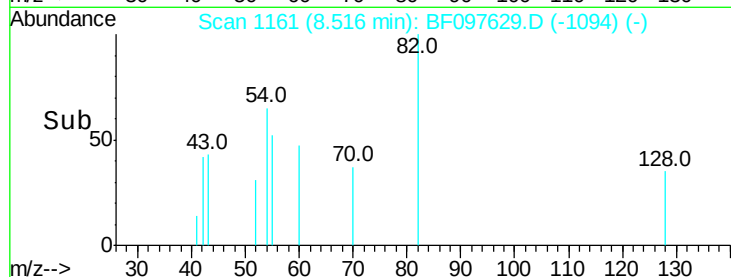
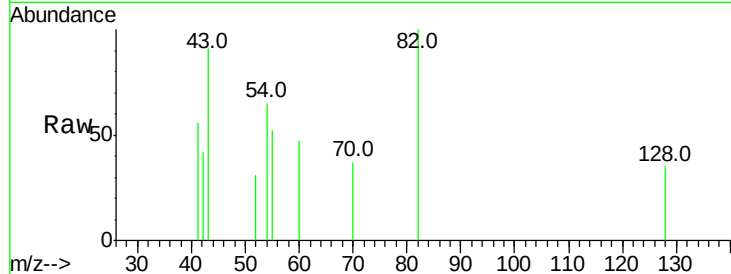
#23
Nitrobenzene-d5
Concen: 0.393 ng
RT: 8.52 min Scan# 1161
Delta R.T. 0.09 min
Lab File: BF097629.D
Acq: 12 Aug 2017 9:52

Instrument :
BNA_F
ClientSampleId :
ELECTRICAL-UNIT-BUS-SUPPORT

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.3	34.0	51.0
54	65.3	42.2	63.2#

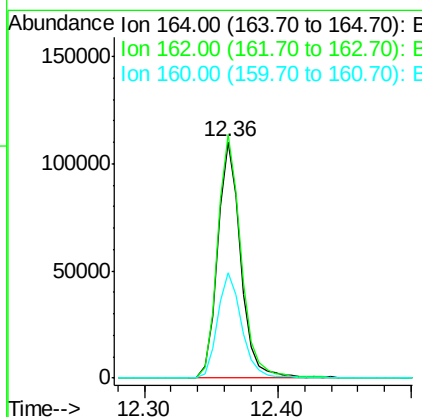
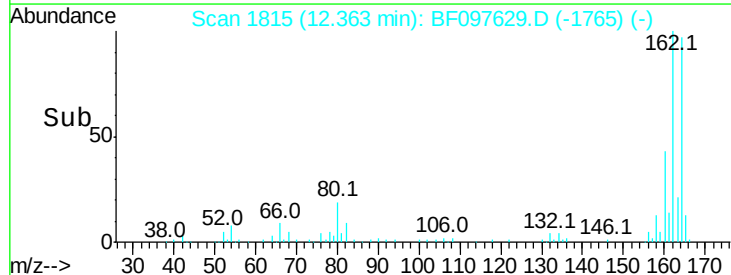
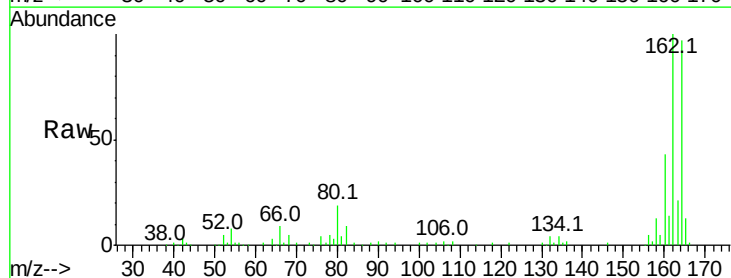
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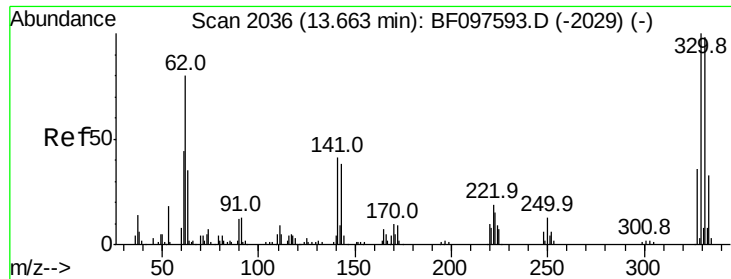
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.36 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF097629.D
Acq: 12 Aug 2017 9:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	44.7	36.2	54.2





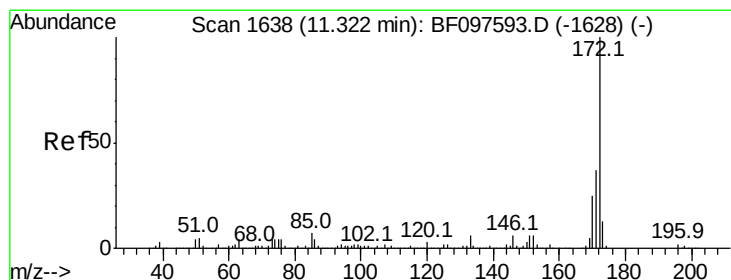
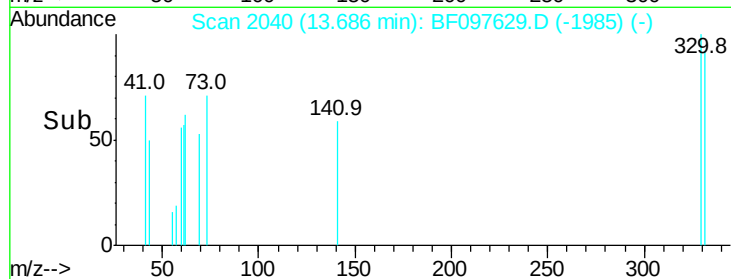
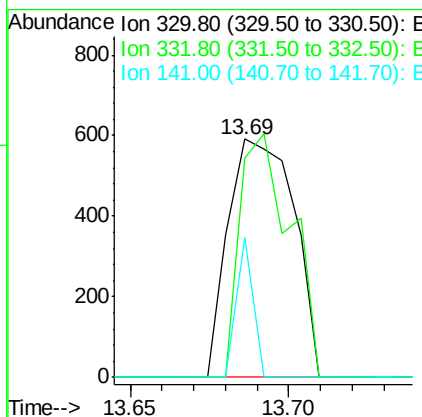
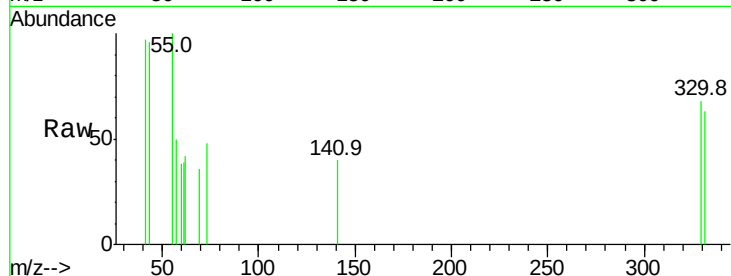
#41
 2,4,6-Tribromophenol
 Concen: 0.834 ng
 RT: 13.69 min Scan# 2040
 Delta R.T. 0.02 min
 Lab File: BF097629.D
 Acq: 12 Aug 2017 9:52

Instrument :
 BNA_F
 ClientSampleId :
 ELECTRICAL-UNIT-BUS-SUPPORT

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	78.9		76.6	115.0
141	14.4		31.4	47.2#

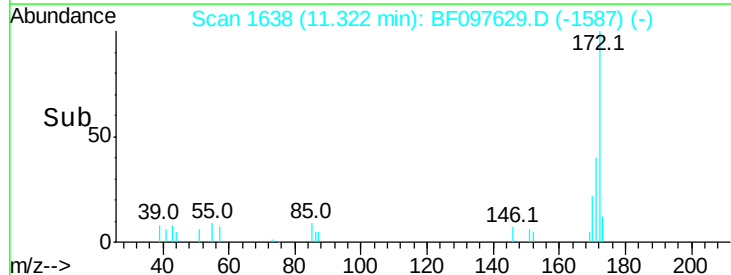
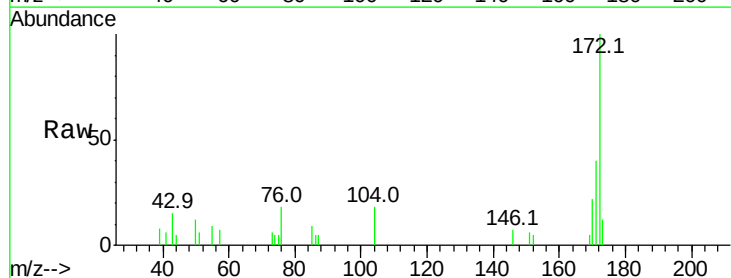
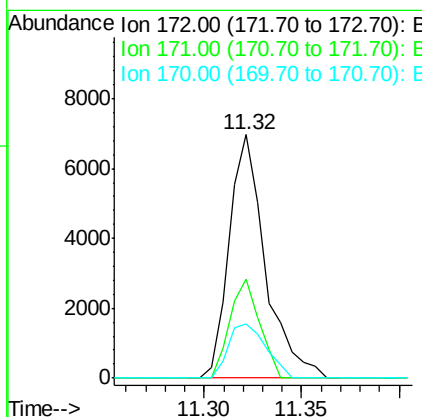
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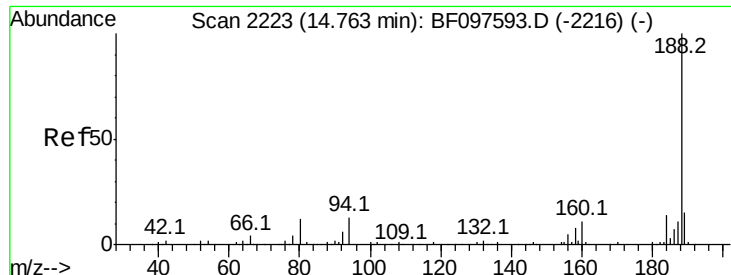
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#44
 2-Fluorobiphenyl
 Concen: 1.006 ng
 RT: 11.32 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BF097629.D
 Acq: 12 Aug 2017 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	40.4		29.6	44.4
170	22.1		19.8	29.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BF097629.D

Acq: 12 Aug 2017 9:52

Instrument :

BNA_F

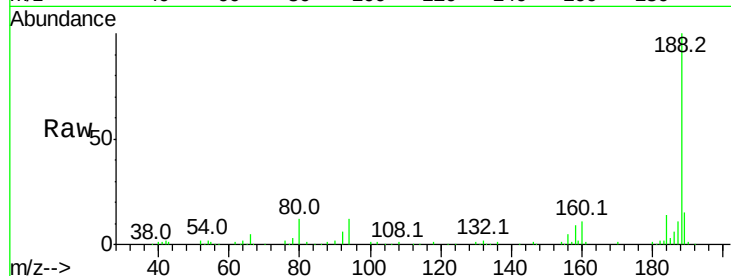
ClientSampleId :

ELECTRICAL-UNIT-BUS-SUPPORT

Tot Ion:	188	Resp:	208313
Ion Ratio	Lower	Upper	
188	100		
94	11.7	9.4	14.2
80	12.0	10.2	15.2

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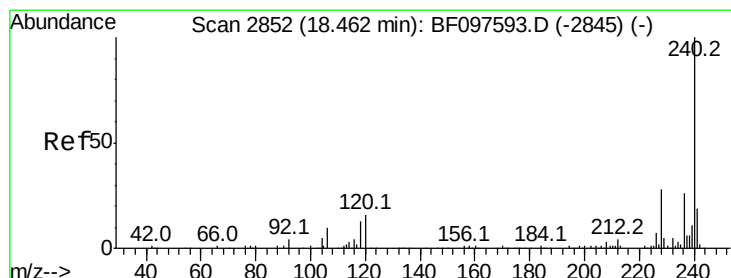
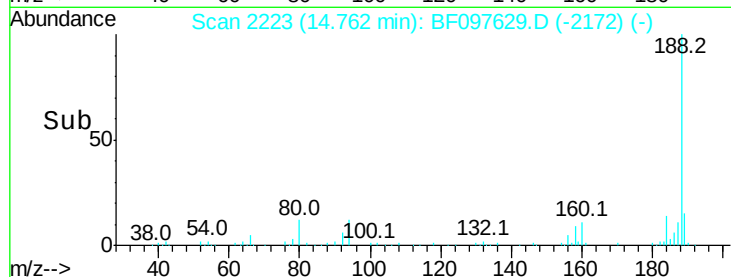
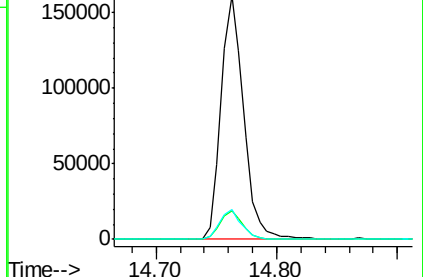
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.46 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BF097629.D

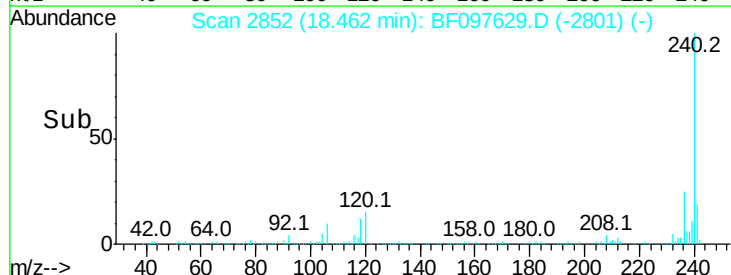
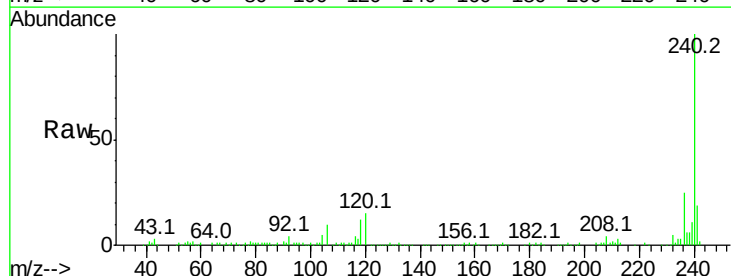
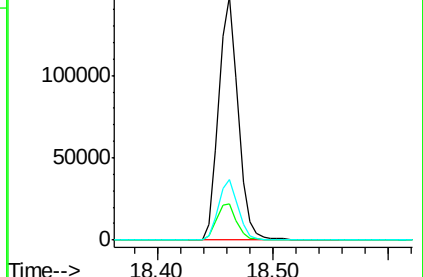
Acq: 12 Aug 2017 9:52

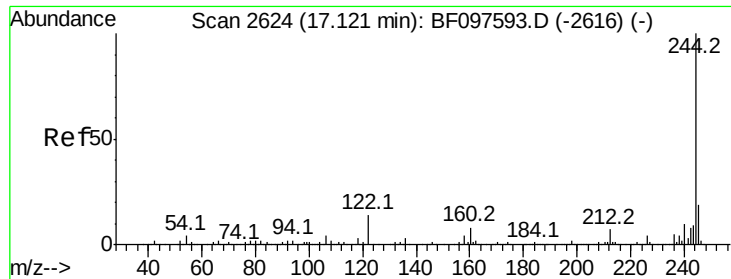
Tgt Ion:	240	Resp:	174418
Ion Ratio	Lower	Upper	
240	100		
120	14.9	5.8	8.8#
236	25.1	20.5	30.7

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





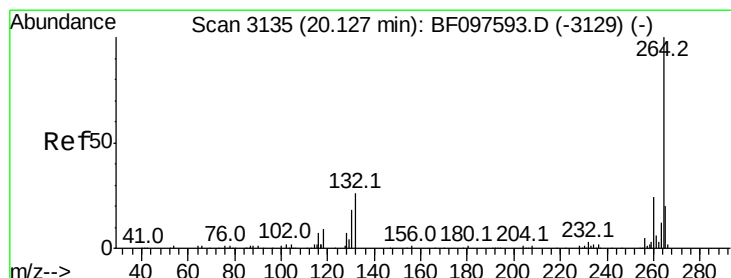
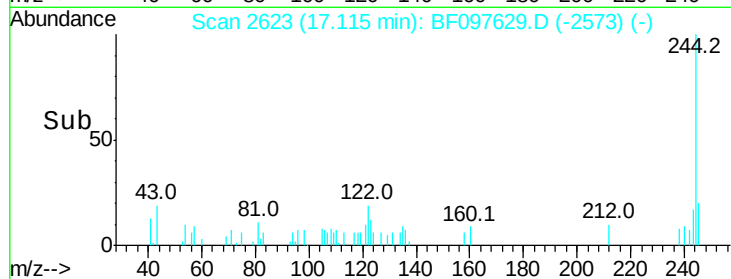
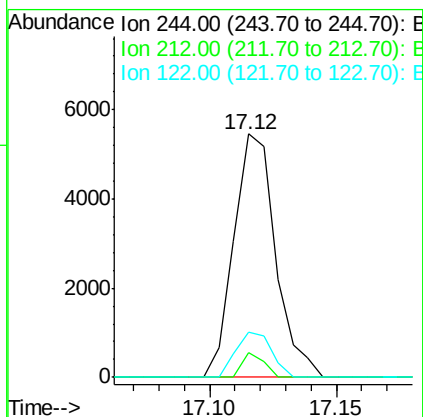
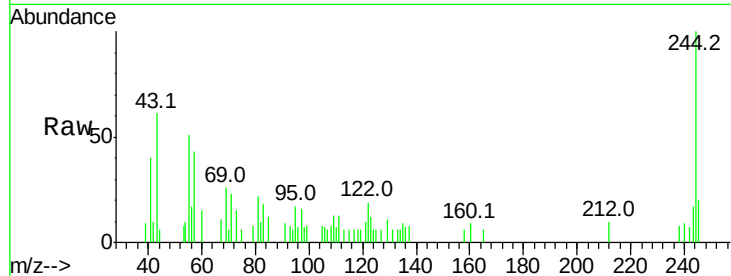
#78
 Terphenyl-d14
 Concen: 0.742 ng
 RT: 17.12 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: BF097629.D
 Acq: 12 Aug 2017 9:52

Instrument :
 BNA_F
 ClientSampleId :
 ELECTRICAL-UNIT-BUS-SUPPORT

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.0	6.0	9.0#
122	18.7	10.3	15.5#

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.13 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BF097629.D
 Acq: 12 Aug 2017 9:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.5	17.2	25.8

