

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097449.D
 Acq On : 8 Aug 2017 00:37
 Operator : SJ/JU
 Sample : I4582-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2

Manual Integrations
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Sohil
 8/9/2017 9:21:39 PM

Quant Time: Aug 08 06:54:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	92116	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	386352	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	138688	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	204363	20.00	ng	0.00
75) Chrysene-d12	13.53	240	207334	20.00	ng	0.00
86) Perylene-d12	14.87	264	133730	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	325187	53.22	ng	0.00
7) Phenol-d6	6.08	99	401352	57.53	ng	0.00
23) Nitrobenzene-d5	6.98	82	250595	38.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	56690	51.74	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	374758	45.86	ng	0.00
78) Terphenyl-d14	12.49	244	254723	25.05	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.17	163	80217	7.617	ng	97
74) Fluoranthene	12.12	202	30966	2.887	ng	98
87) Benzo(b)fluoranthene	14.53	252	19914m	2.477	ng	

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

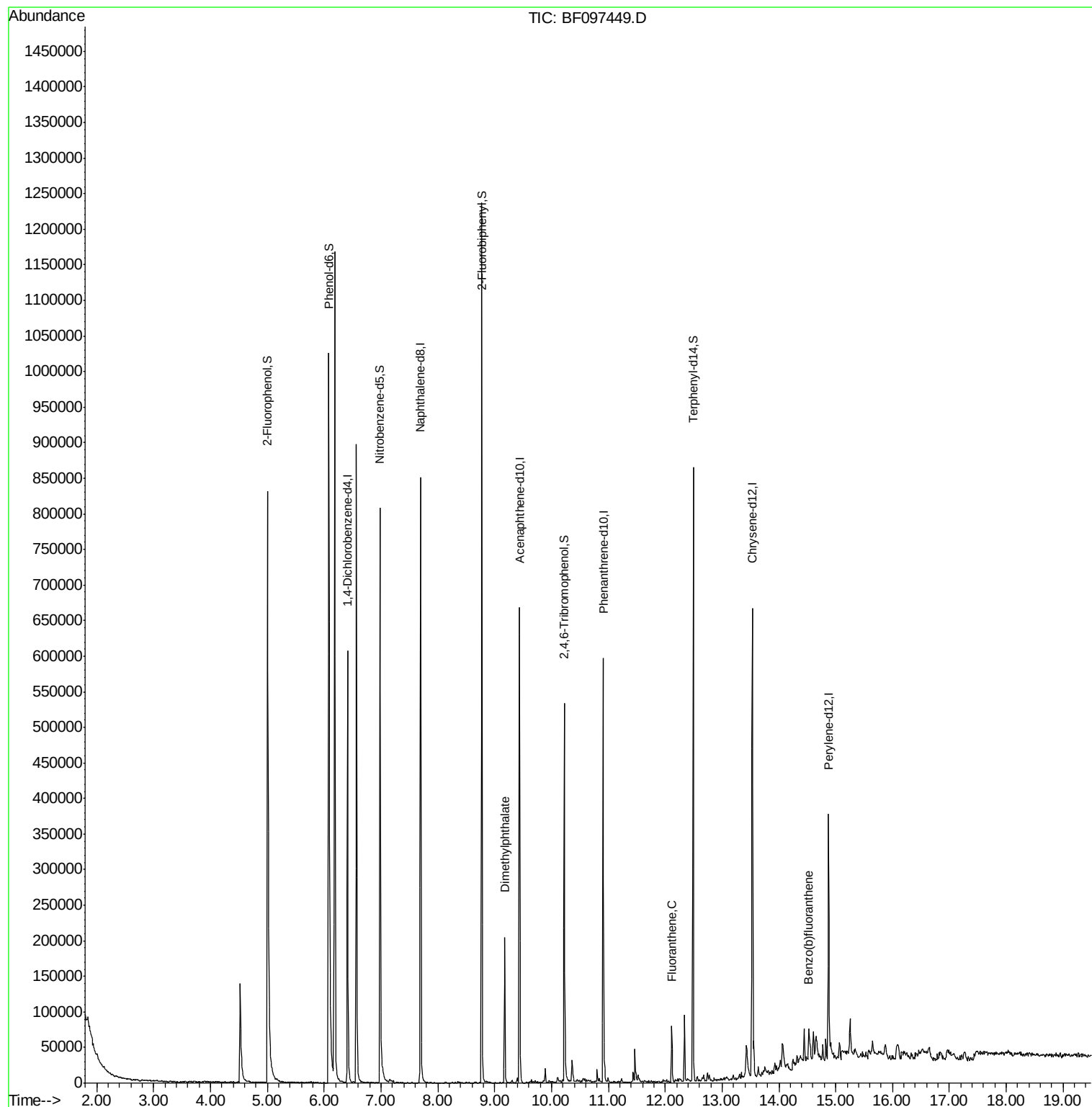
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097449.D
Acq On : 8 Aug 2017 00:37
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Misc :
ALS Vial : 25 Sample Multiplier: 1

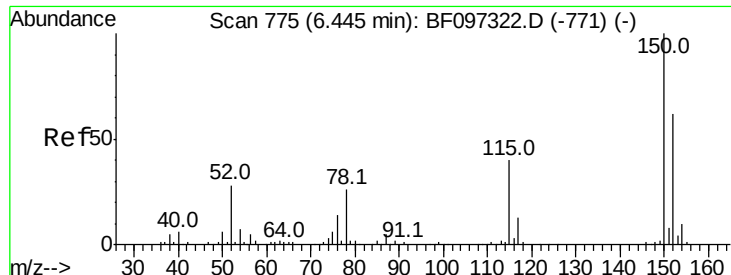
Instrument :
BNA_F
ClientSampleId :
S2

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#1

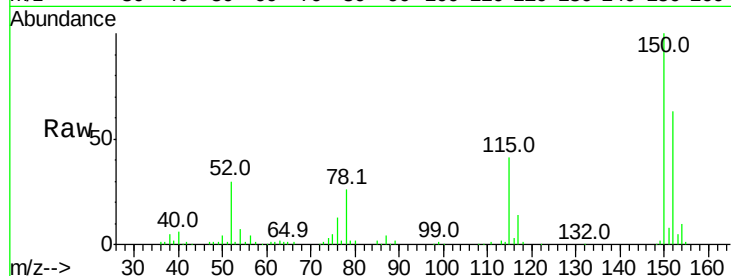
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.41 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF097449.D
Acq: 8 Aug 2017 00:37

Instrument :
BNA_F
ClientSampled :
S2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.2	189.2
115	65.2	52.2	78.2

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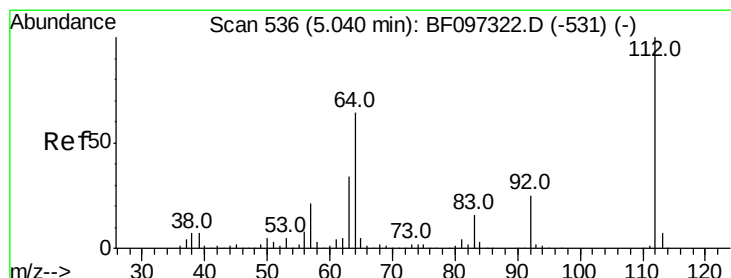
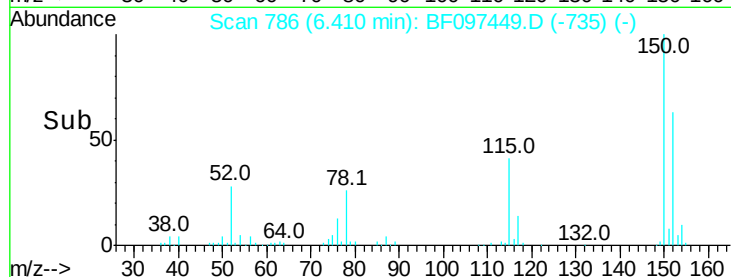
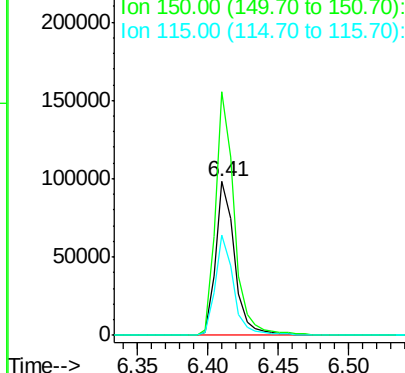


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

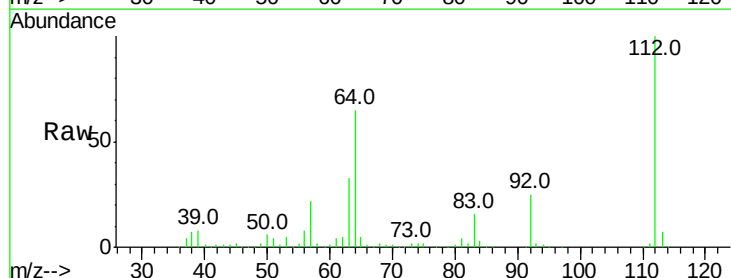
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 53.217 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097449.D
Acq: 8 Aug 2017 00:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	46.0	69.0
63	32.5	23.4	35.0

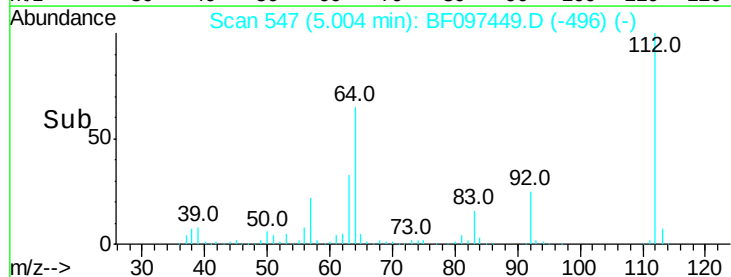
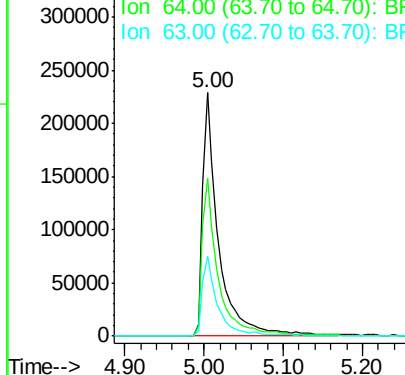


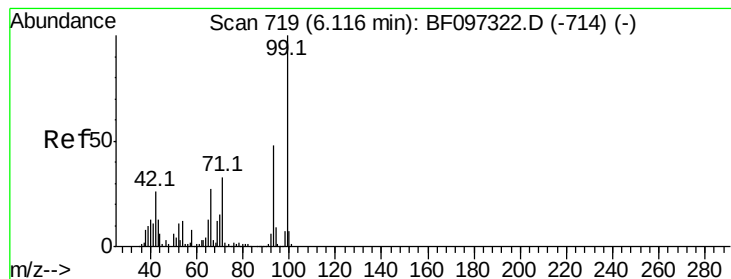
Abundance

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: 57.534 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097449.D

Acq: 8 Aug 2017 00:37

Instrument :

BNA_F

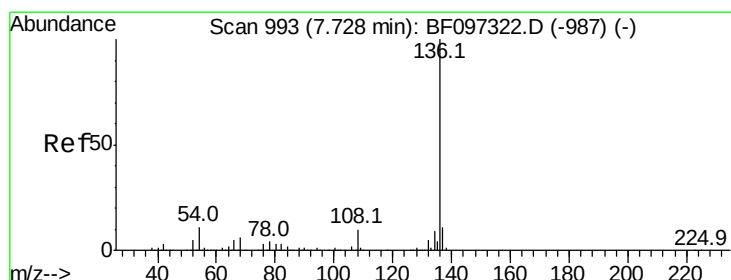
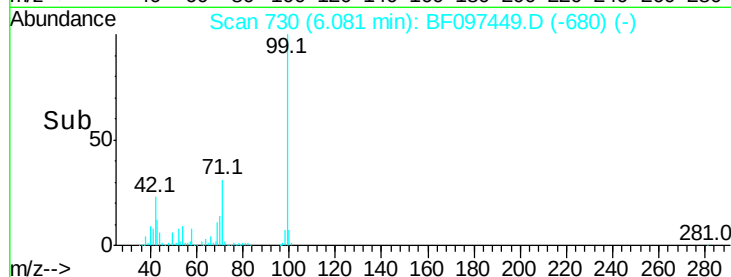
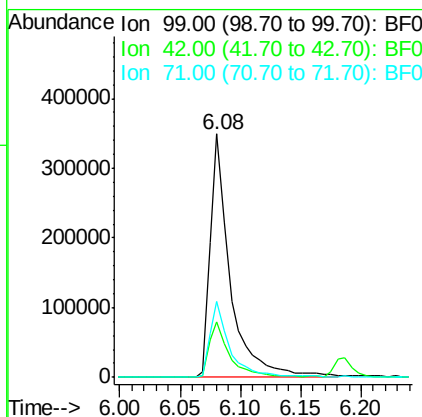
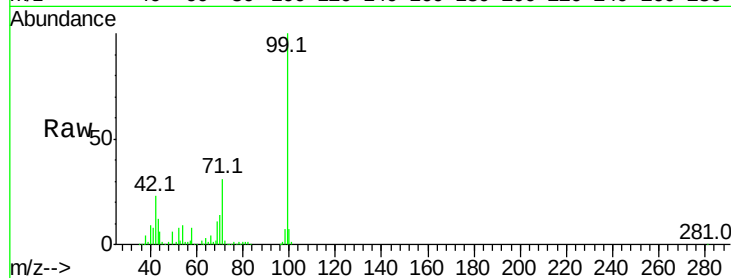
ClientSampleId :

S2

Tot Ion:	99	Resp:	401352
Ion Ratio	Lower	Upper	
99	100		
42	22.6	13.5	20.3#
71	31.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

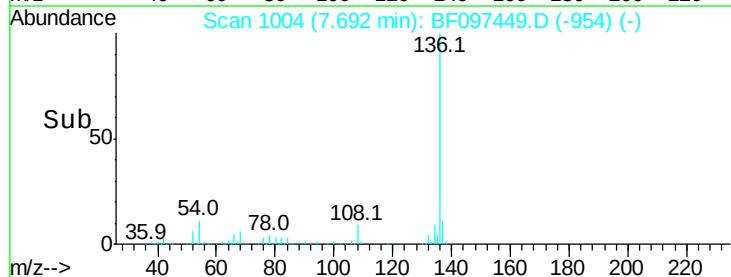
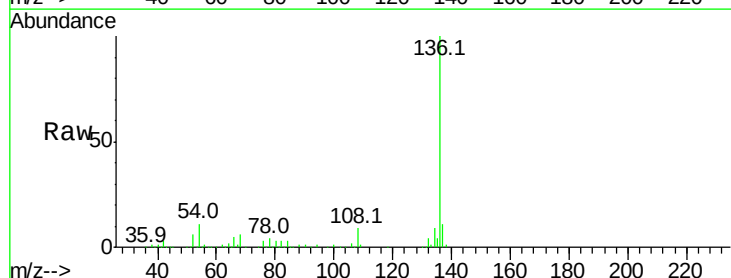
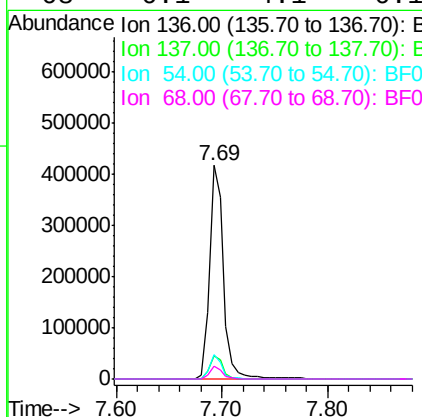
RT: 7.69 min Scan# 1004

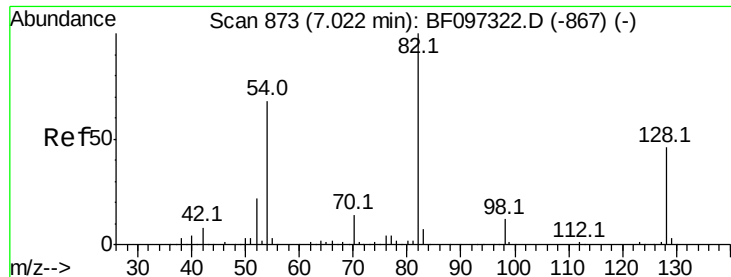
Delta R.T. -0.01 min

Lab File: BF097449.D

Acq: 8 Aug 2017 00:37

Tgt Ion:	136	Resp:	386352
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	11.3	4.9	7.3#
68	6.1	4.1	6.1#





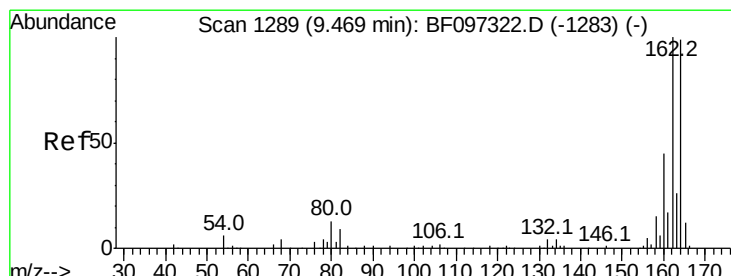
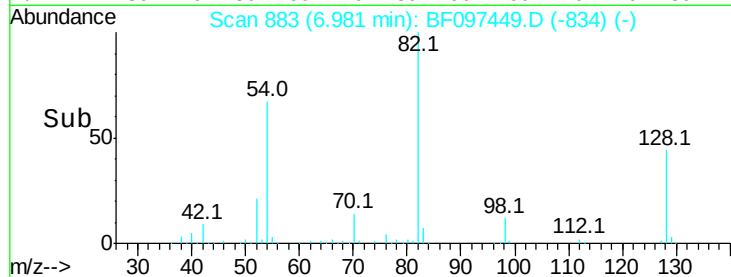
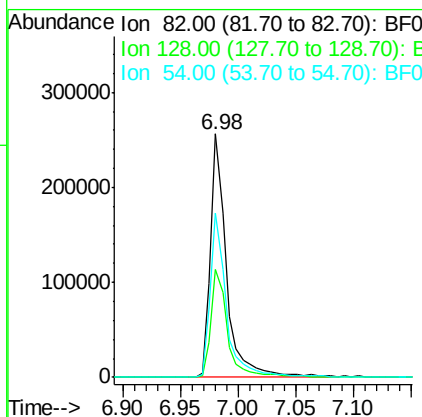
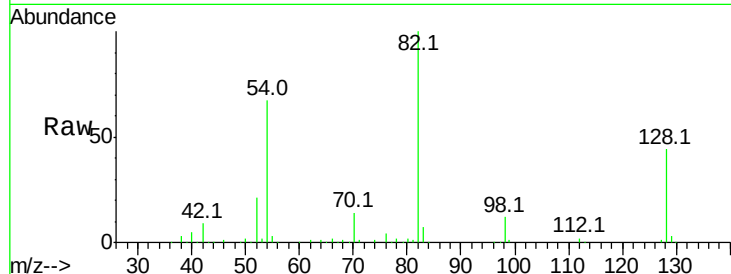
#23
Nitrobenzene-d5
Concen: 38.051 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097449.D
Acq: 8 Aug 2017 00:37

Instrument :
BNA_F
ClientSampled :
S2

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.0	51.0
54	67.5	42.2	63.2

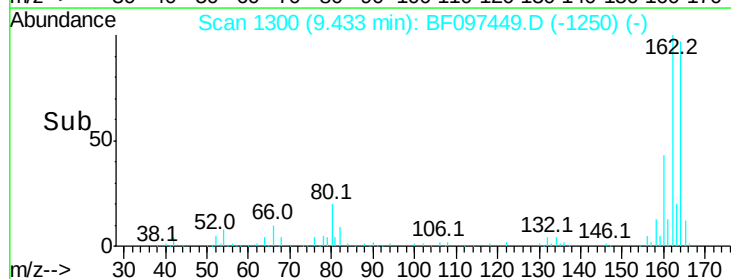
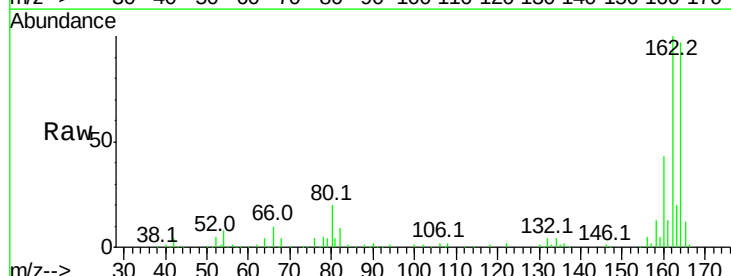
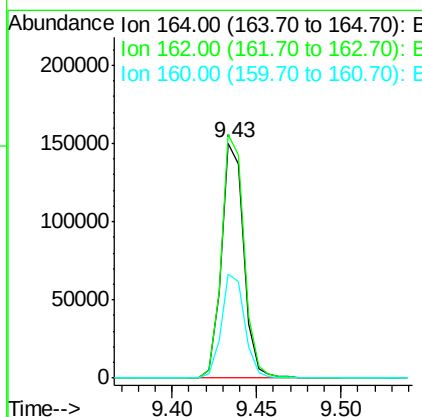
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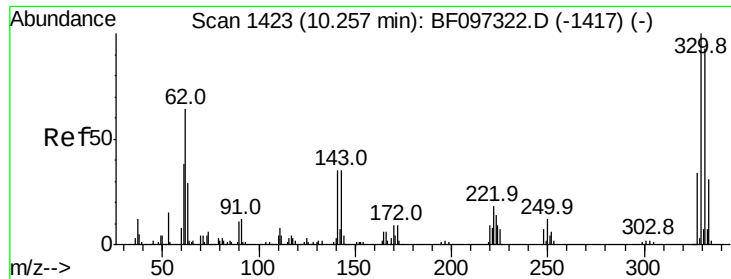
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097449.D
Acq: 8 Aug 2017 00:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	44.3	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 51.735 ng

RT: 10.22 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF097449.D

Acq: 8 Aug 2017 00:37

Instrument :

BNA_F

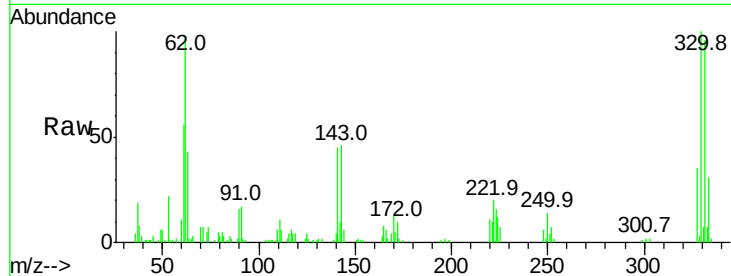
ClientSampled :

S2

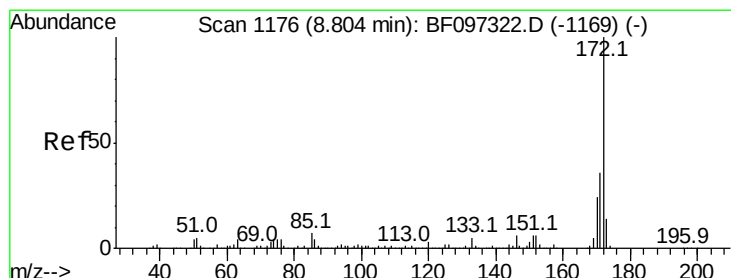
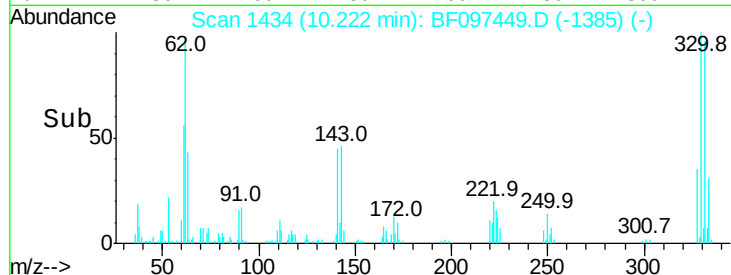
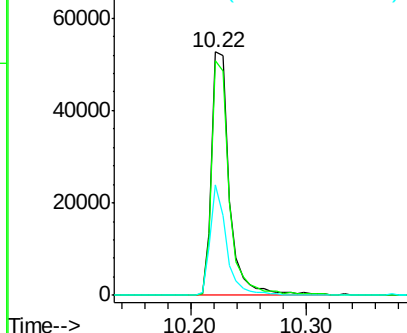
Tot Ion:	330	Resp:	56690
Ion Ratio	Lower	Upper	
330	100		
332	94.7	76.6	115.0
141	41.0	31.4	47.2

Manual Integrations
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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: 45.858 ng

RT: 8.77 min Scan# 1187

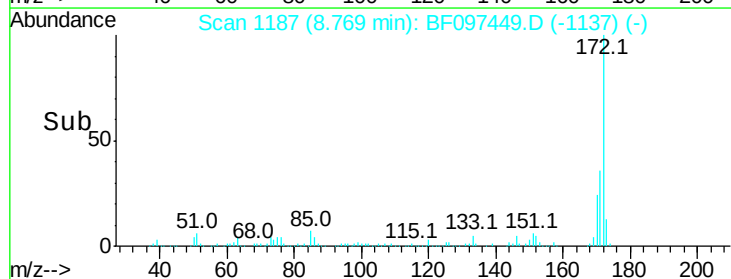
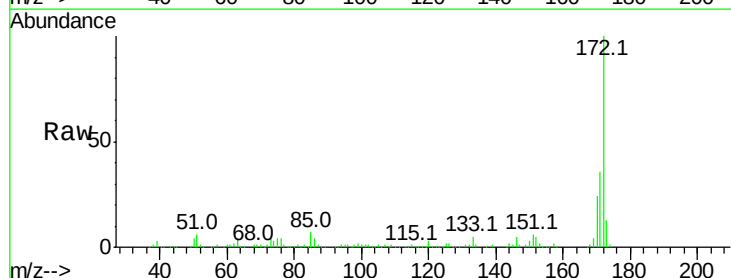
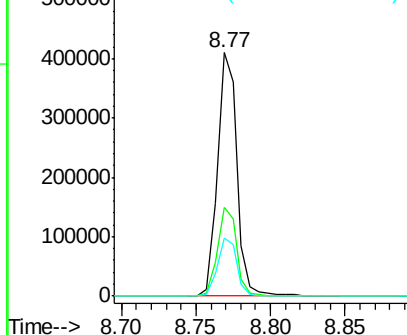
Delta R.T. -0.01 min

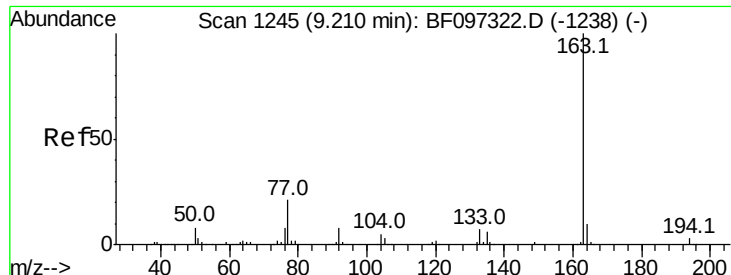
Lab File: BF097449.D

Acq: 8 Aug 2017 00:37

Tgt Ion:	172	Resp:	374758
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.6	44.4
170	23.9	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





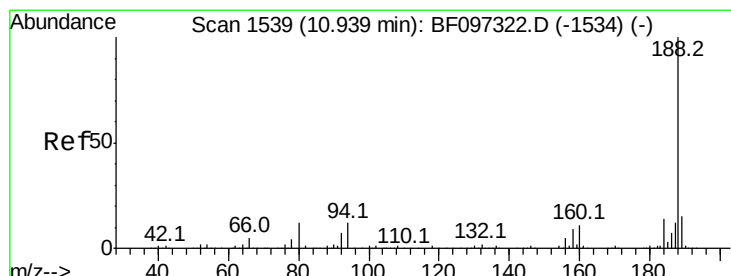
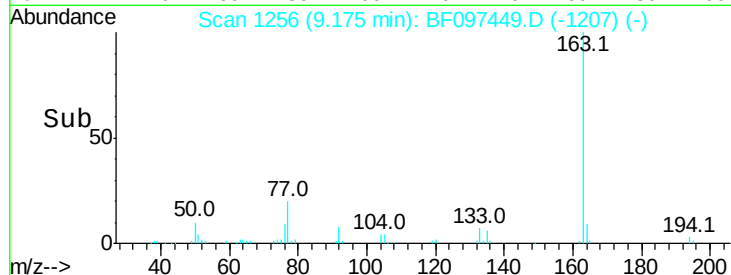
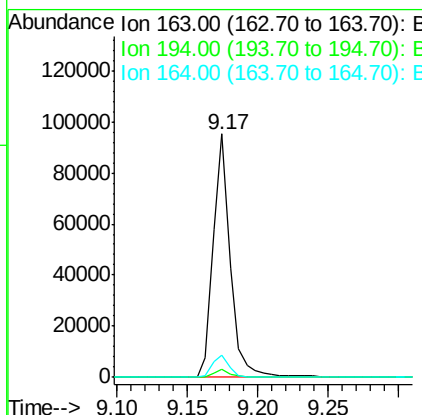
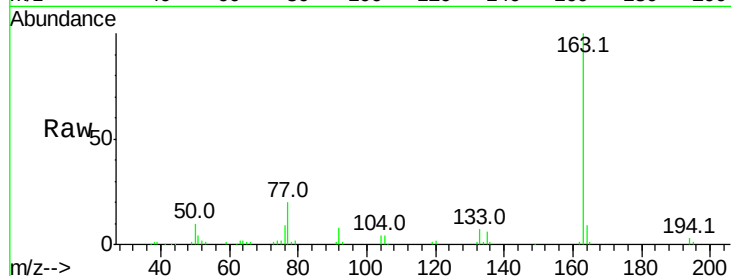
#49
Dimethylphthalate
Concen: 7.617 ng
RT: 9.17 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF097449.D
Acq: 8 Aug 2017 00:37

Instrument :
BNA_F
ClientSampleId :
S2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	80217		
194	3.1		2.6	4.0
164	9.3		8.4	12.6

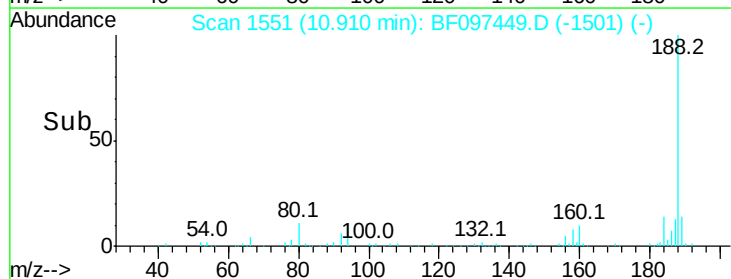
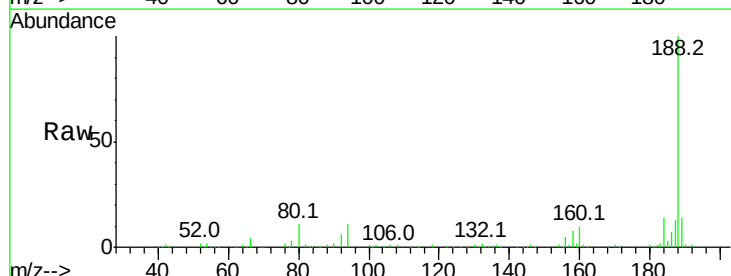
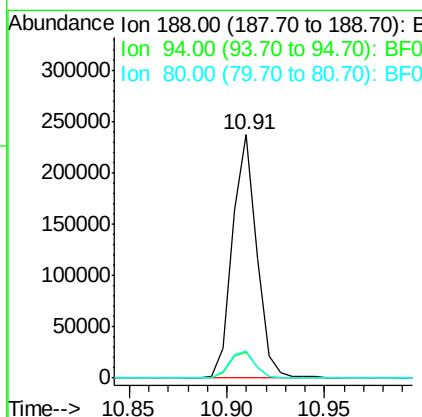
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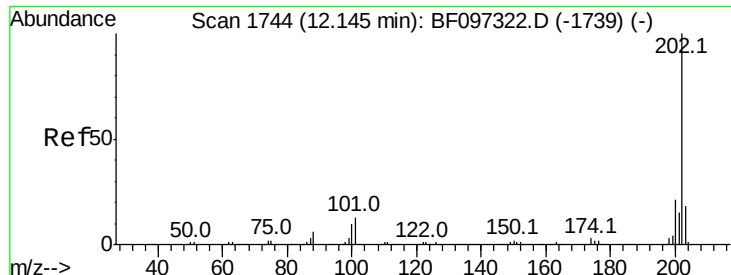
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097449.D
Acq: 8 Aug 2017 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	204363		
94	10.7		9.4	14.2
80	11.3		10.2	15.2





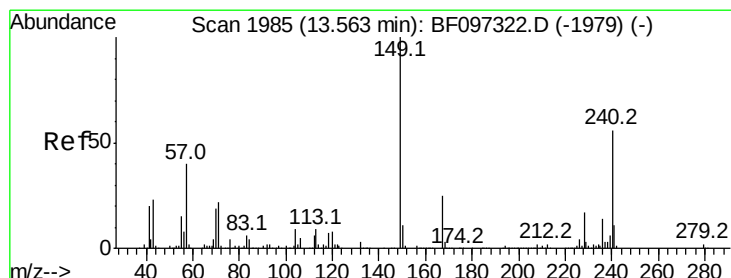
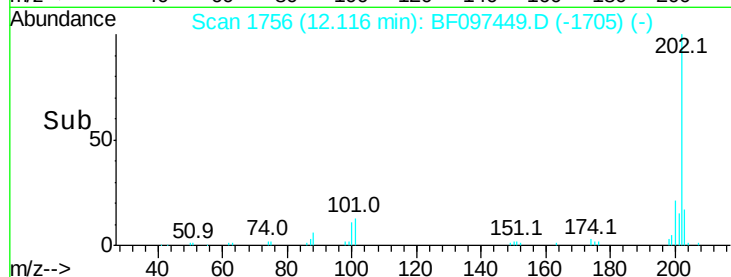
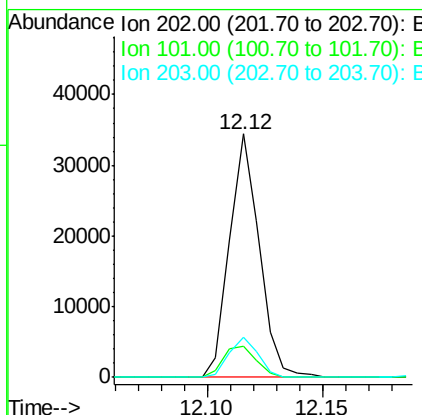
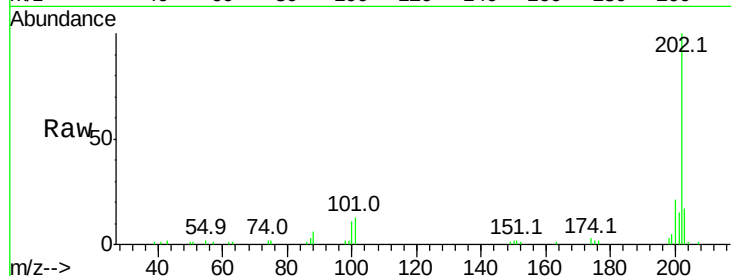
#74
Fluoranthene
Concen: 2.887 ng
RT: 12.12 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF097449.D
Acq: 8 Aug 2017 00:37

Instrument :
BNA_F
ClientSampleId :
S2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	30966		
101	13.0	0.0	33.2	
203	16.7	0.0	38.1	

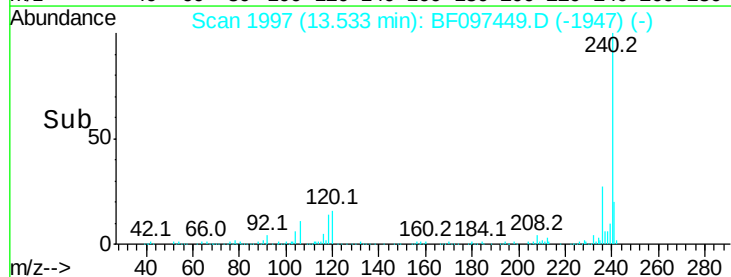
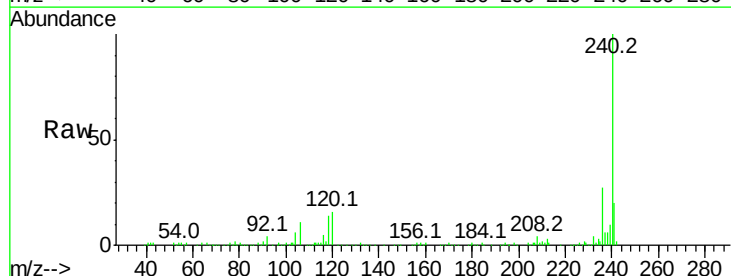
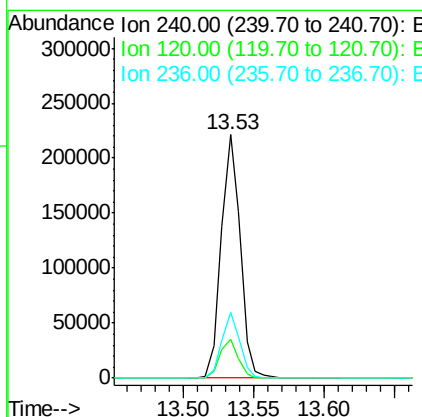
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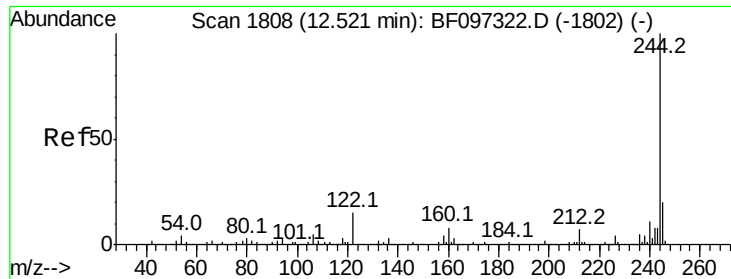
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097449.D
Acq: 8 Aug 2017 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	207334		
120	16.1	5.8	8.8#	
236	26.8	20.5	30.7	





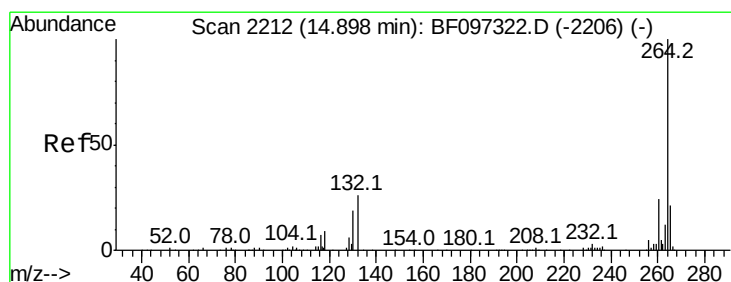
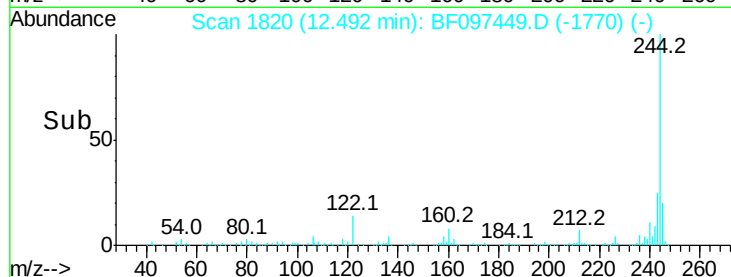
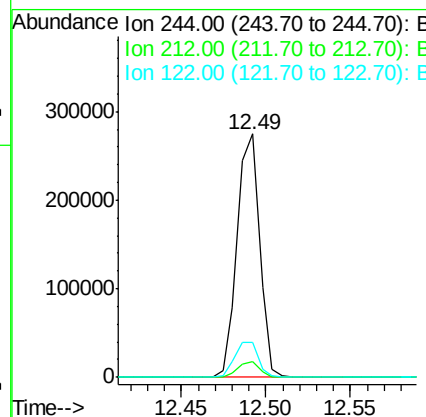
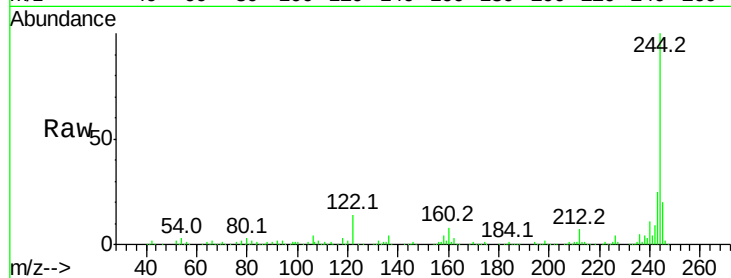
#78
 Terphenyl-d14
 Concen: 25.049 ng
 RT: 12.49 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF097449.D
 Acq: 8 Aug 2017 00:37

Instrument :
 BNA_F
 ClientSampled :
 S2

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.5	6.0	9.0	
122	14.1	10.3	15.5	

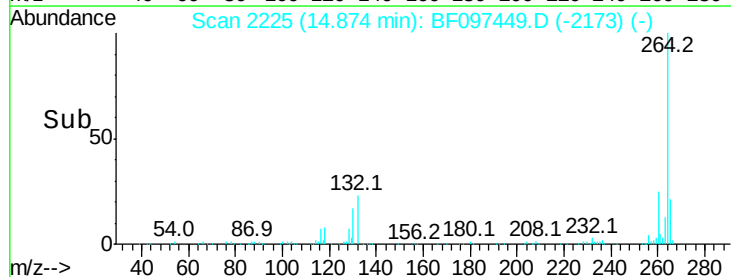
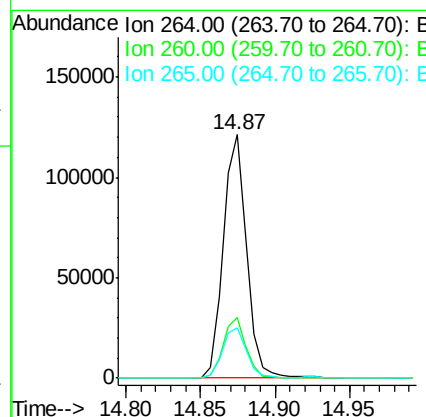
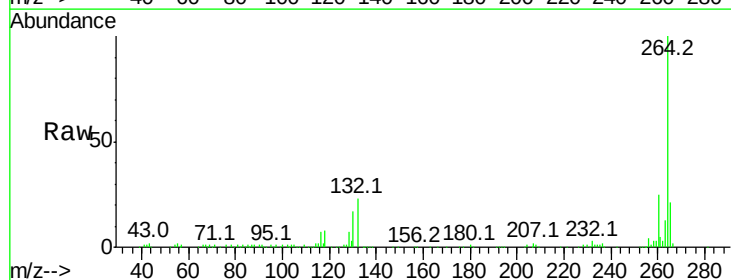
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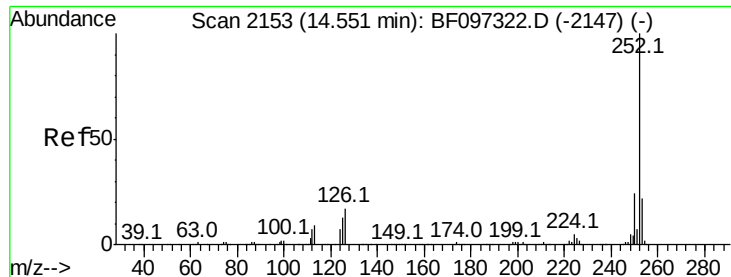
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2225
 Delta R.T. 0.01 min
 Lab File: BF097449.D
 Acq: 8 Aug 2017 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	25.1	19.5	29.3	
265	20.9	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 2.477 ng/mL

RT: 14.53 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BF097449.D

Acq: 8 Aug 2017 00:37

Instrument :

BNA_F

ClientSampleId :

S2

Tot Ion:	252	Resp:	19914
Ion Ratio	Lower	Upper	
252	100		
253	19.4	18.1	27.1
125	18.9	9.8	14.8

Manual Integrations
APPROVED

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