

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097259.D
 Acq On : 2 Aug 2017 7:27
 Operator : SJ/JU
 Sample : I4527-05 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-WSW

Manual Integrations
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Quant Time: Aug 02 08:03:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	99538	20.00	ng	-0.04
21) Naphthalene-d8	7.75	136	354424	20.00	ng	-0.04
38) Acenaphthene-d10	9.49	164	128113	20.00	ng	-0.04
63) Phenanthrene-d10	10.96	188	219014	20.00	ng	-0.04
75) Chrysene-d12	13.59	240	205567	20.00	ng	-0.04
86) Perylene-d12	14.93	264	146683	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	144636	21.90	ng	-0.03
7) Phenol-d6	6.13	99	183508	24.34	ng	-0.04
23) Nitrobenzene-d5	7.03	82	82146	13.60	ng	-0.05
41) 2,4,6-Tribromophenol	10.28	330	22209	21.94	ng	-0.04
44) 2-Fluorobiphenyl	8.82	172	138877	18.40	ng	-0.05
78) Terphenyl-d14	12.54	244	105315	10.45	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.23	163	25130	2.583	ng	100
74) Fluoranthene	12.17	202	31773	2.764	ng	97

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

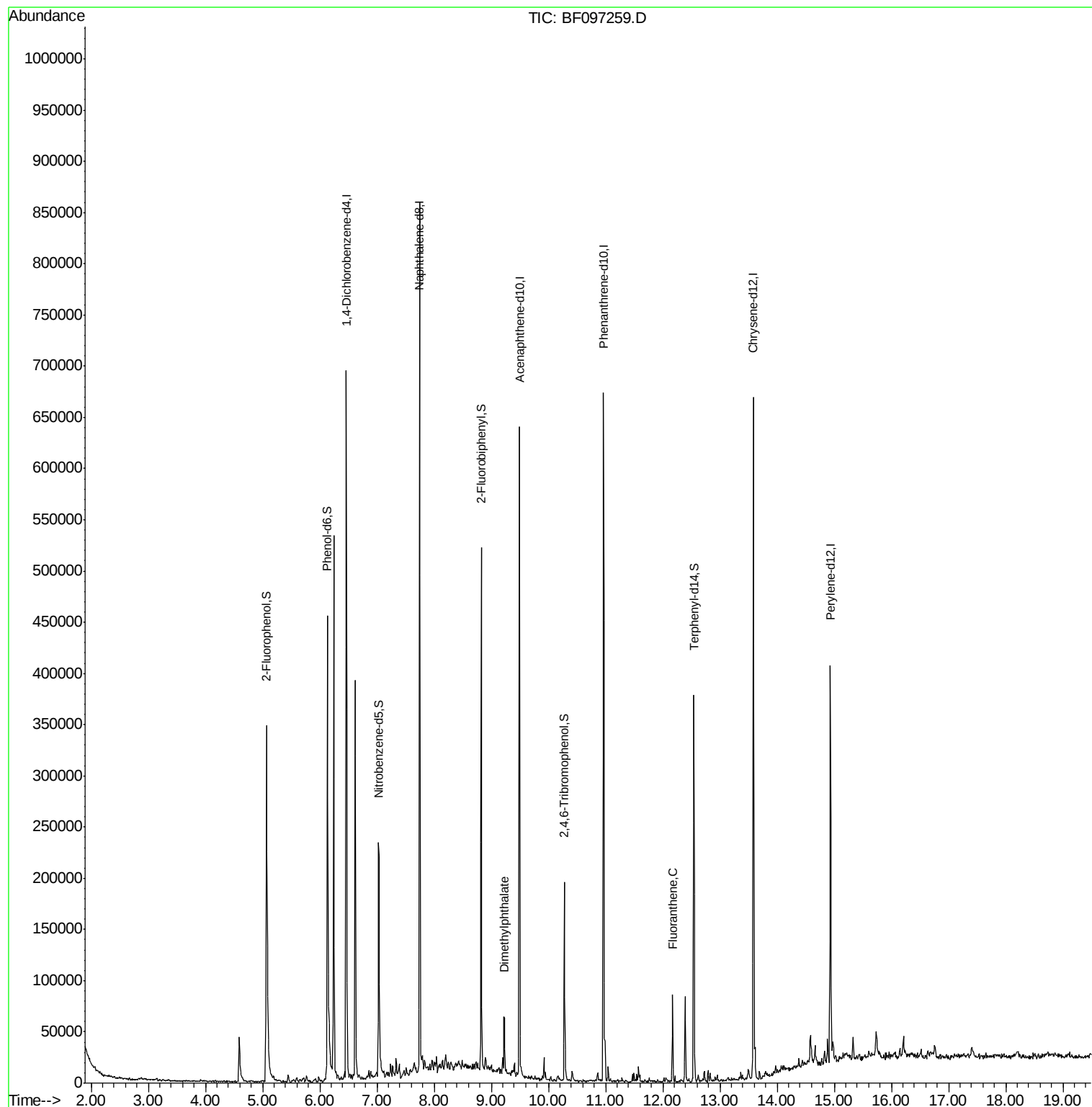
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
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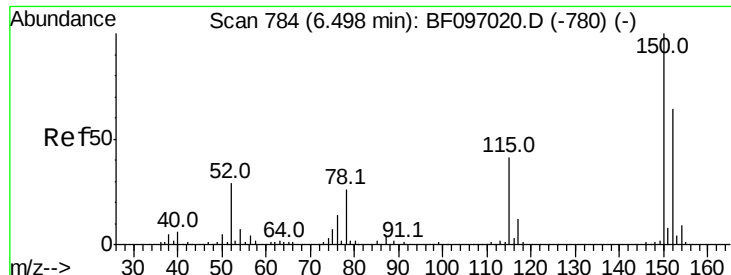
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#1

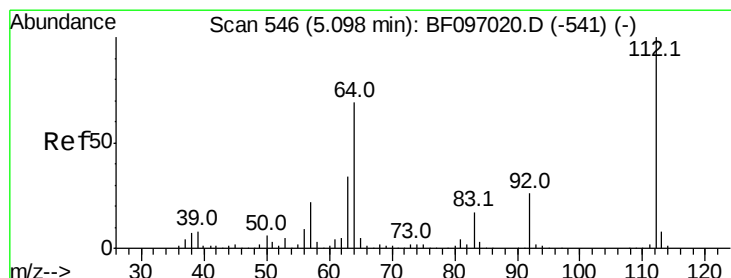
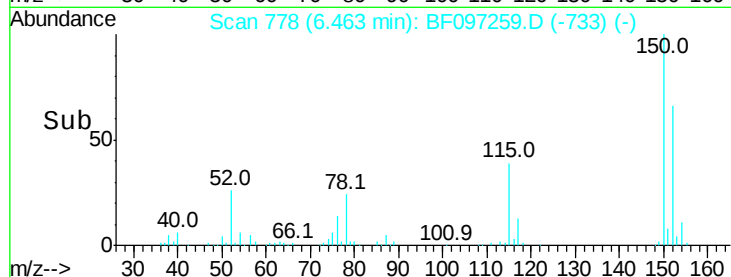
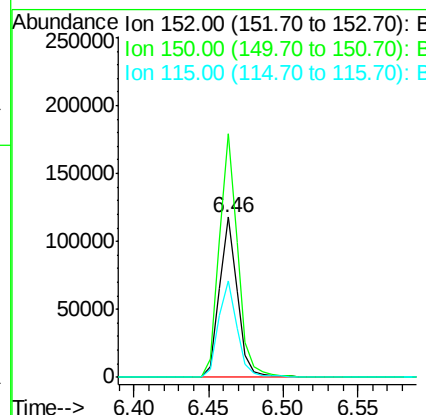
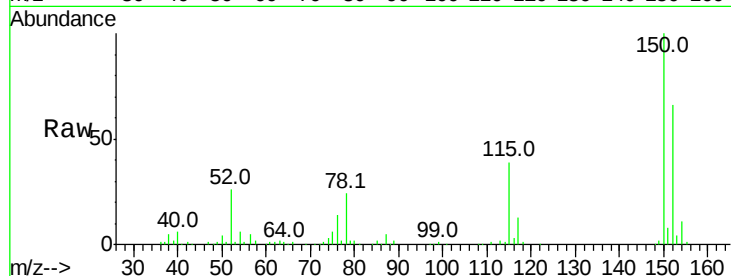
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF097259.D
Acq: 2 Aug 2017 7:27

Instrument :
BNA_F
ClientSampleId :
E2-HS7-WSW

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.2	189.2
115	59.9	52.2	78.2

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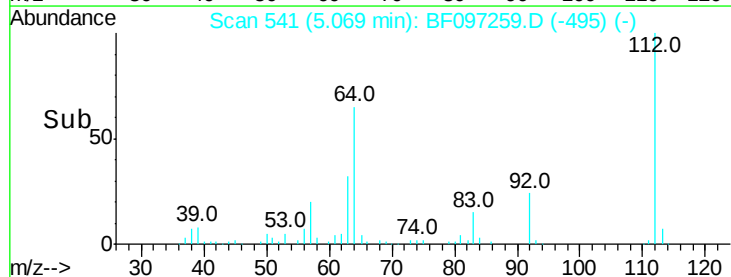
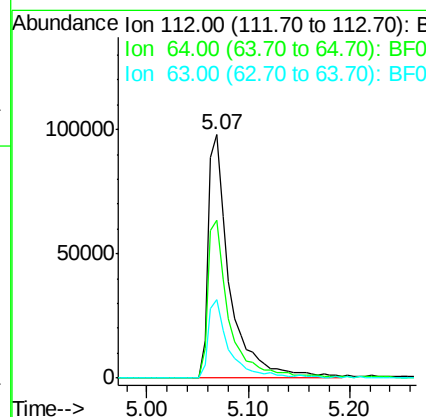
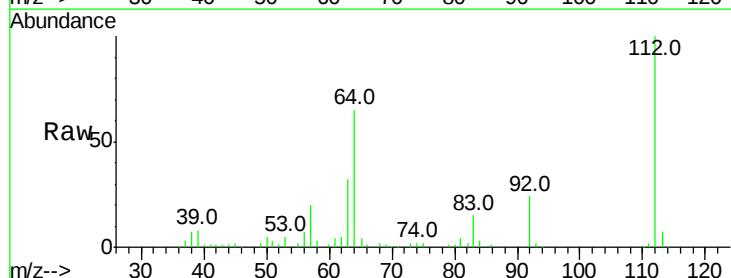
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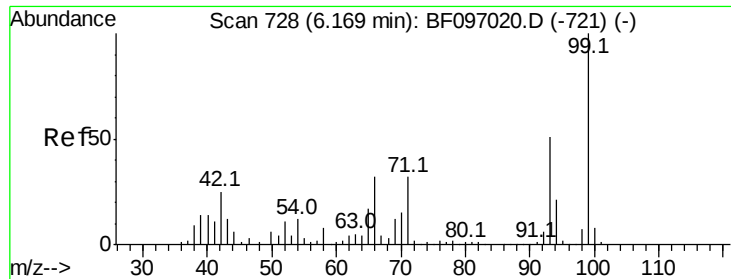


#5

2-Fluorophenol
Concen: 21.905 ng
RT: 5.07 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF097259.D
Acq: 2 Aug 2017 7:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	46.0	69.0
63	32.4	23.4	35.0





#7

Phenol-d6

Concen: 24.344 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.04 min

Lab File: BF097259.D

Acq: 2 Aug 2017 7:27

Instrument :

BNA_F

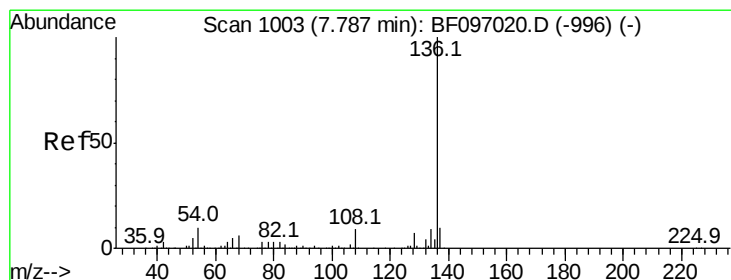
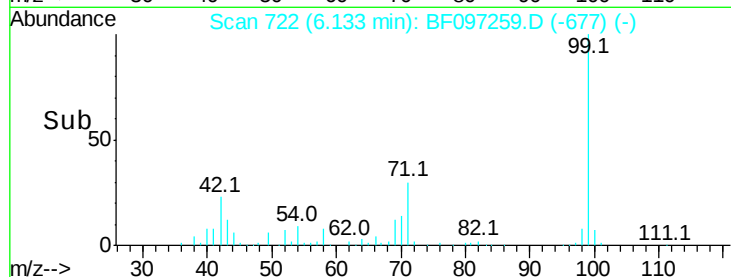
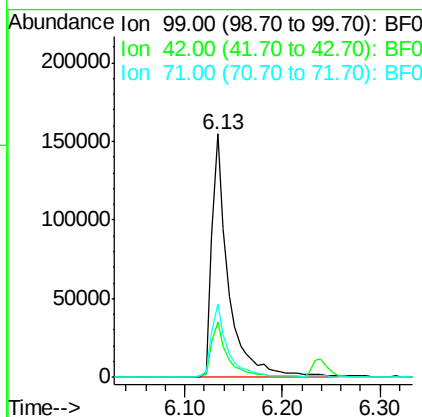
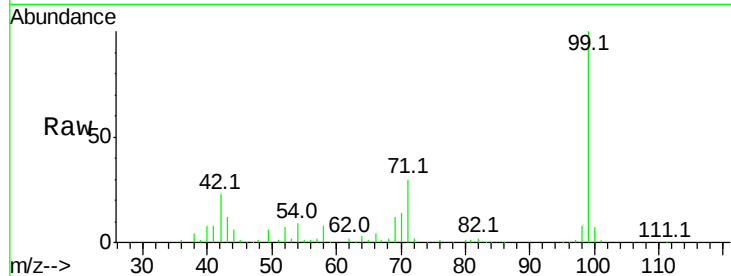
ClientSampleId :

E2-HS7-WSW

Tot Ion:	99	Resp:	183508
Ion Ratio	Lower	Upper	
99	100		
42	22.7	13.5	20.3#
71	30.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

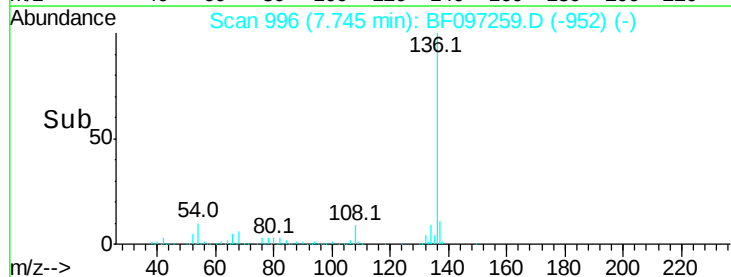
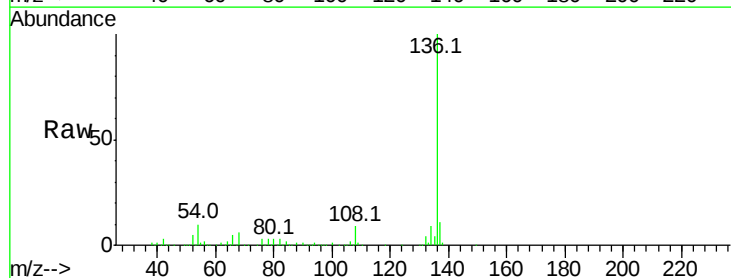
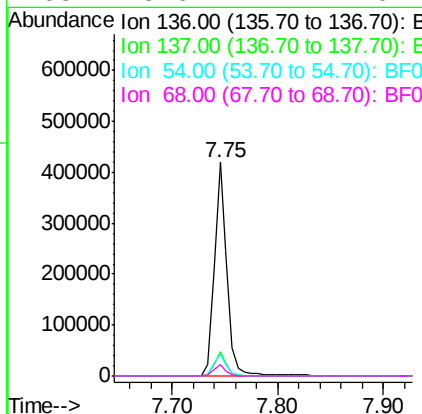
RT: 7.75 min Scan# 996

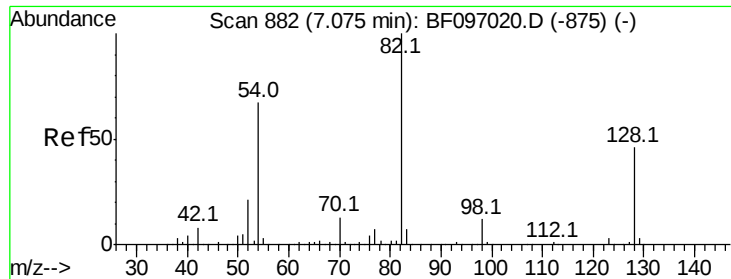
Delta R.T. -0.04 min

Lab File: BF097259.D

Acq: 2 Aug 2017 7:27

Tgt Ion:	136	Resp:	354424
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	10.1	4.9	7.3#
68	5.6	4.1	6.1





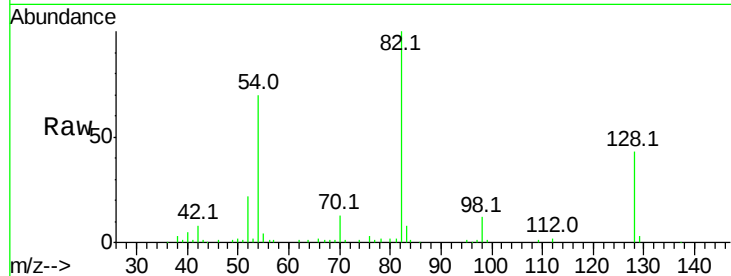
#23
Nitrobenzene-d5
Concen: 13.597 ng
RT: 7.03 min Scan# 874
Delta R.T. -0.05 min
Lab File: BF097259.D
Acq: 2 Aug 2017 7:27

Instrument :
BNA_F
ClientSampleId :
E2-HS7-WSW

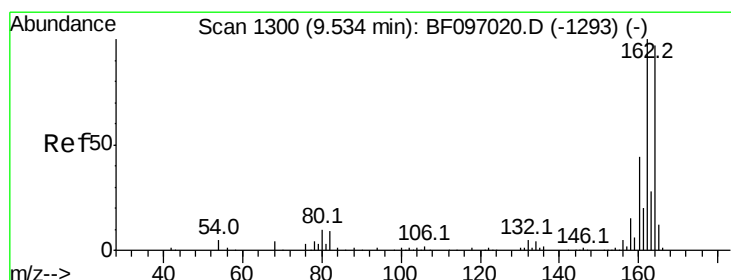
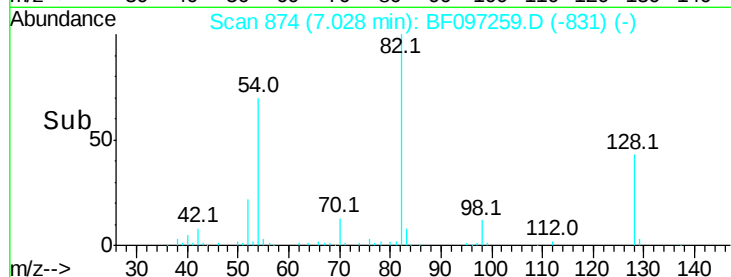
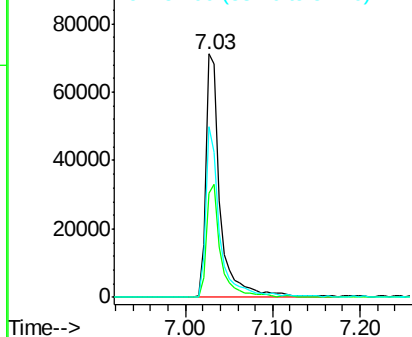
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.9	34.0	51.0	
54	70.2	42.2	63.2	

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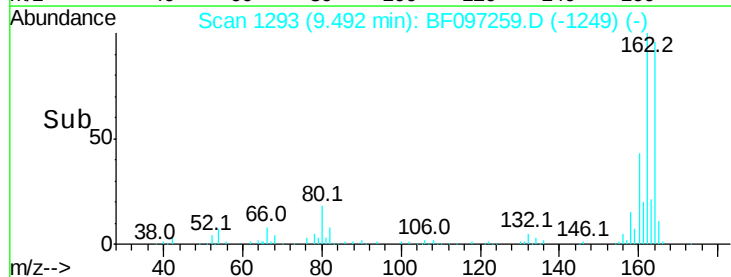
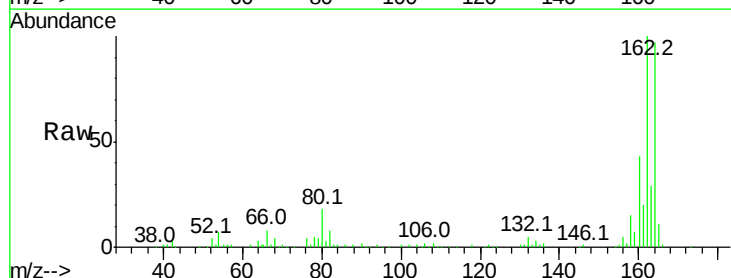
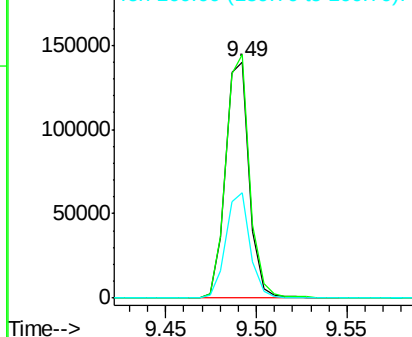
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.04 min
Lab File: BF097259.D
Acq: 2 Aug 2017 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	82.6	123.8	
160	44.6	36.2	54.2	

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





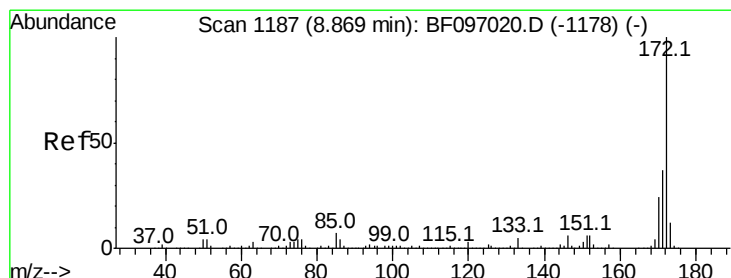
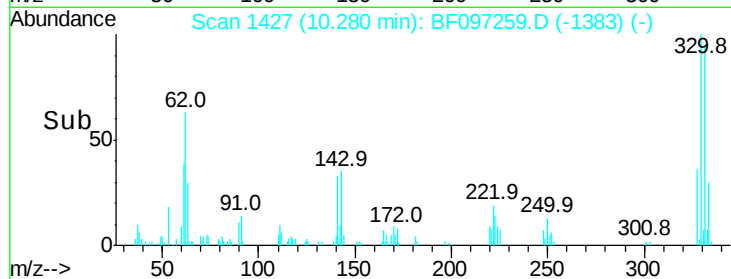
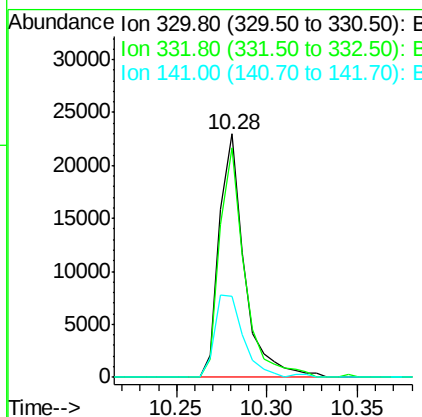
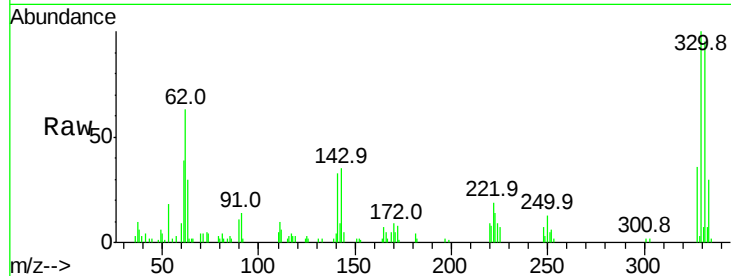
#41
 2,4,6-Tribromophenol
 Concen: 21.941 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.04 min
 Lab File: BF097259.D
 Acq: 2 Aug 2017 7:27

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-WSW

Tot Ion	Ratio	Resp	Lower	Upper
330	100	22209		
332	93.8	76.6	115.0	
141	38.3	31.4	47.2	

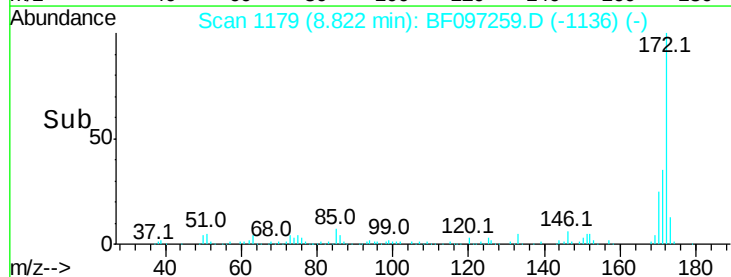
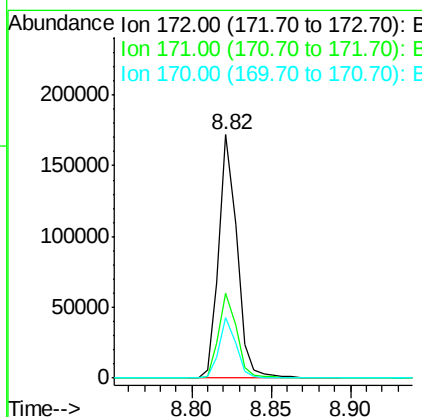
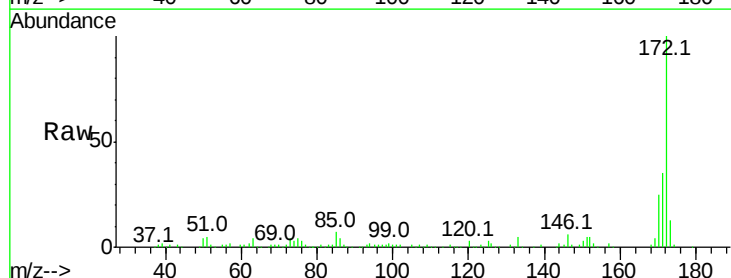
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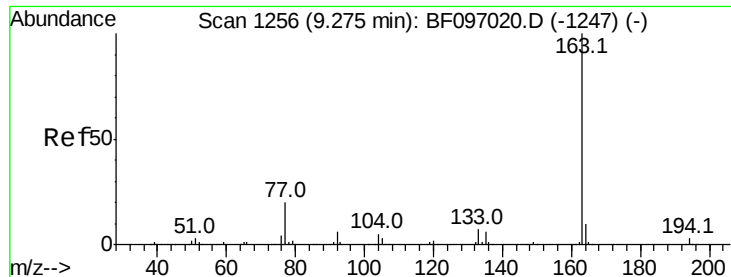
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#44
 2-Fluorobiphenyl
 Concen: 18.397 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF097259.D
 Acq: 2 Aug 2017 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	138877		
171	35.1	29.6	44.4	
170	24.7	19.8	29.8	





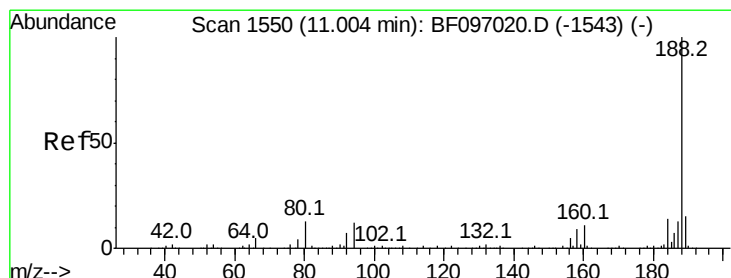
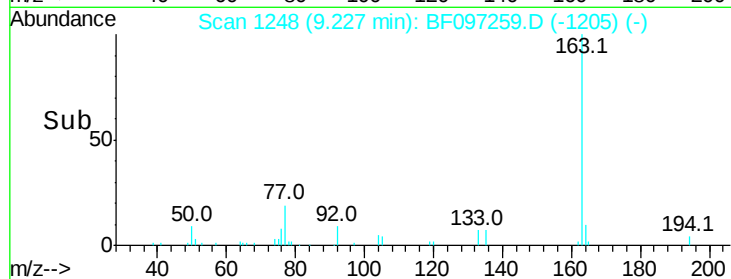
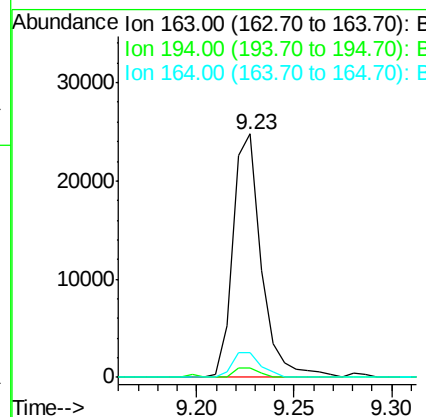
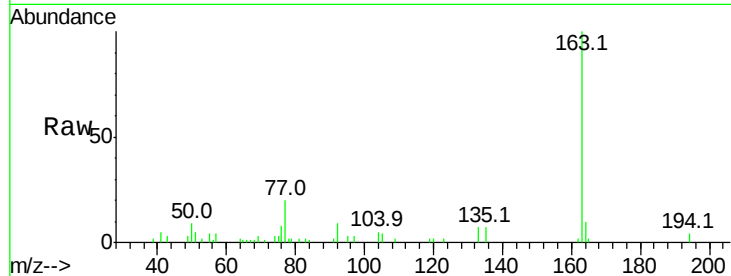
#49
Dimethylphthalate
Concen: 2.583 ng
RT: 9.23 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BF097259.D
Acq: 2 Aug 2017 7:27

Instrument :
BNA_F
ClientSampleId :
E2-HS7-WSW

Tot Ion	Ratio	Resp	Lower	Upper
163	100	25130		
194	3.6		2.6	4.0
164	10.4		8.4	12.6

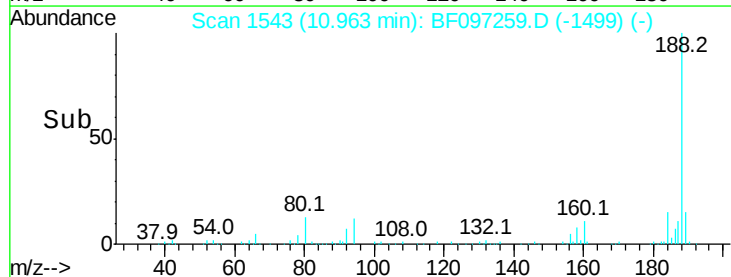
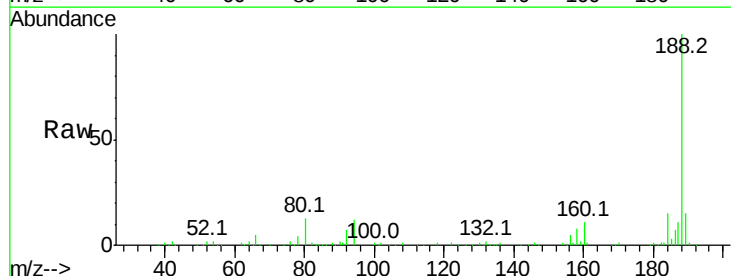
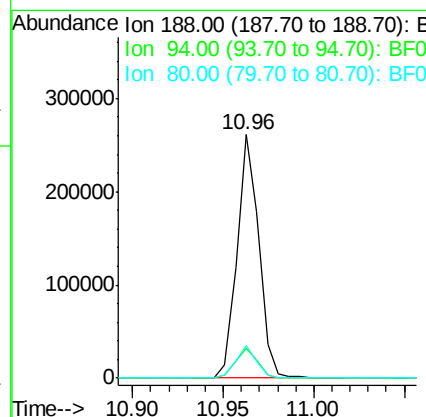
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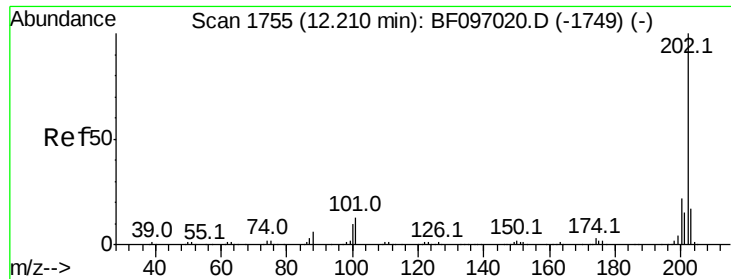
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF097259.D
Acq: 2 Aug 2017 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	219014		
94	12.3		9.4	14.2
80	13.2		10.2	15.2





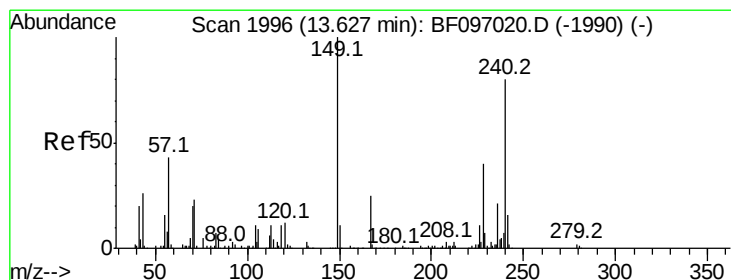
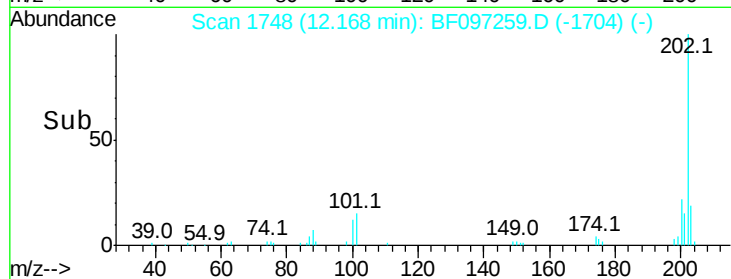
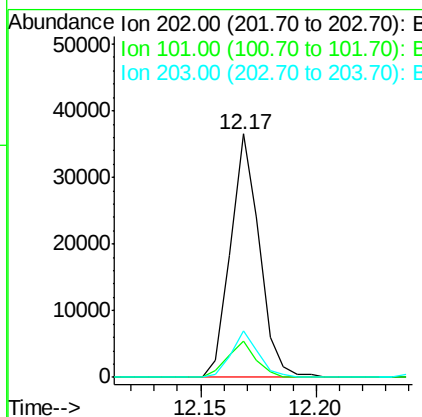
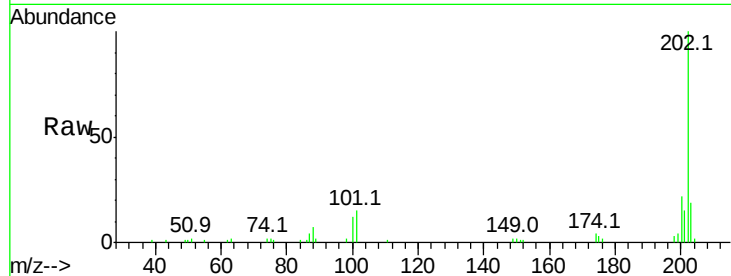
#74
Fluoranthene
 Concen: 2.764 ng
 RT: 12.17 min Scan# 1748
 Delta R.T. -0.04 min
 Lab File: BF097259.D
 Acq: 2 Aug 2017 7:27

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-WSW

Tot Ion:	202	Resp:	31773
Ion Ratio	Lower	Upper	
202	100		
101	15.1	0.0	33.2
203	19.0	0.0	38.1

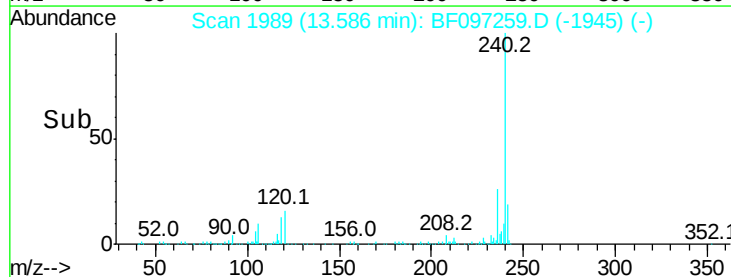
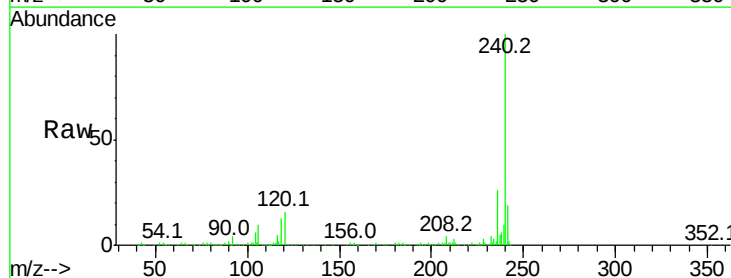
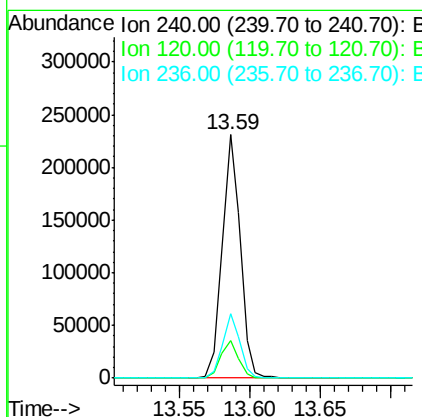
Manual Integrations
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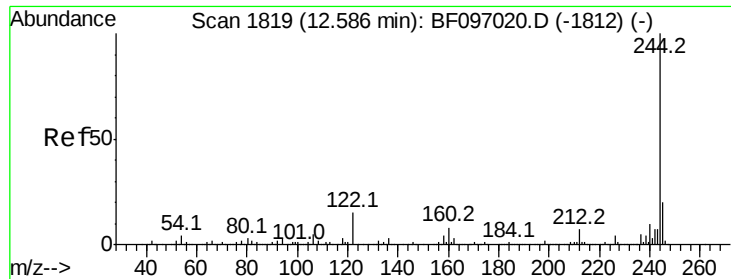
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#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.04 min
 Lab File: BF097259.D
 Acq: 2 Aug 2017 7:27

Tgt Ion:	240	Resp:	205567
Ion Ratio	Lower	Upper	
240	100		
120	15.5	5.8	8.8#
236	26.5	20.5	30.7





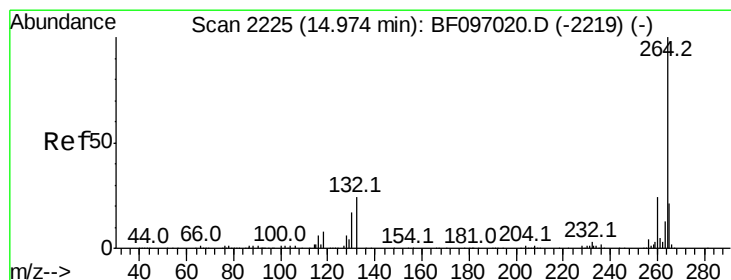
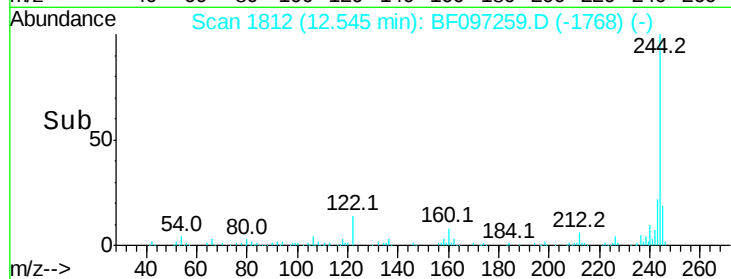
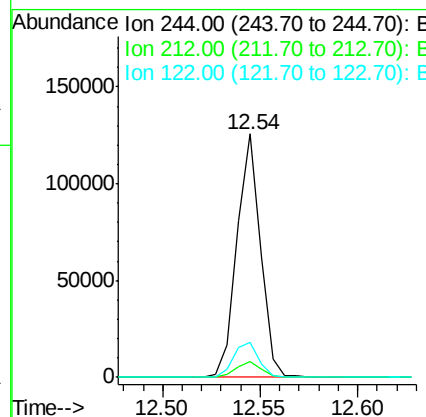
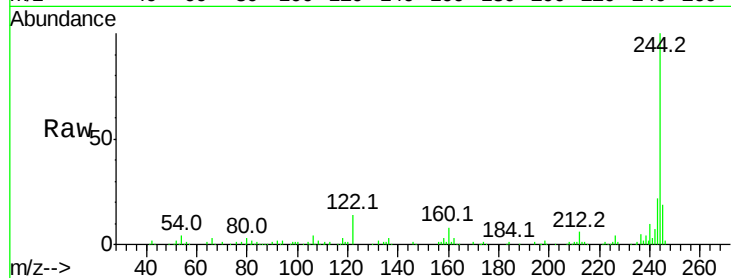
#78
 Terphenyl-d14
 Concen: 10.445 ng
 RT: 12.54 min Scan# 1812
 Delta R.T. -0.04 min
 Lab File: BF097259.D
 Acq: 2 Aug 2017 7:27

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-WSW

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	6.0	9.0
122	14.2	10.3	15.5

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.93 min Scan# 2218
 Delta R.T. -0.04 min
 Lab File: BF097259.D
 Acq: 2 Aug 2017 7:27

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.1	17.2	25.8

