

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099197.D
 Acq On : 7 Oct 2017 16:35
 Operator : SJ/JU
 Sample : I5586-13 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G54B-0-3

Manual Integrations
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Quant Time: Oct 08 04:36:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 08 03:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	123761	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	473212	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	185394	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	270093	20.00	ng	0.00
75) Chrysene-d12	14.03	240	222690	20.00	ng	0.00
86) Perylene-d12	15.51	264	180330	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	100363	12.91	ng	0.00
7) Phenol-d6	6.49	99	121381	12.66	ng	0.00
23) Nitrobenzene-d5	7.42	82	63905	8.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	12236	8.07	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	132716	11.95	ng	0.00
78) Terphenyl-d14	12.97	244	86411	8.82	ng	0.00
Target Compounds						
74) Fluoranthene	12.60	202	46085	3.148	ng	98
77) Pyrene	12.83	202	41329	2.434	ng	97
87) Benzo(b)fluoranthene	15.07	252	22638m	2.042	ng	

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

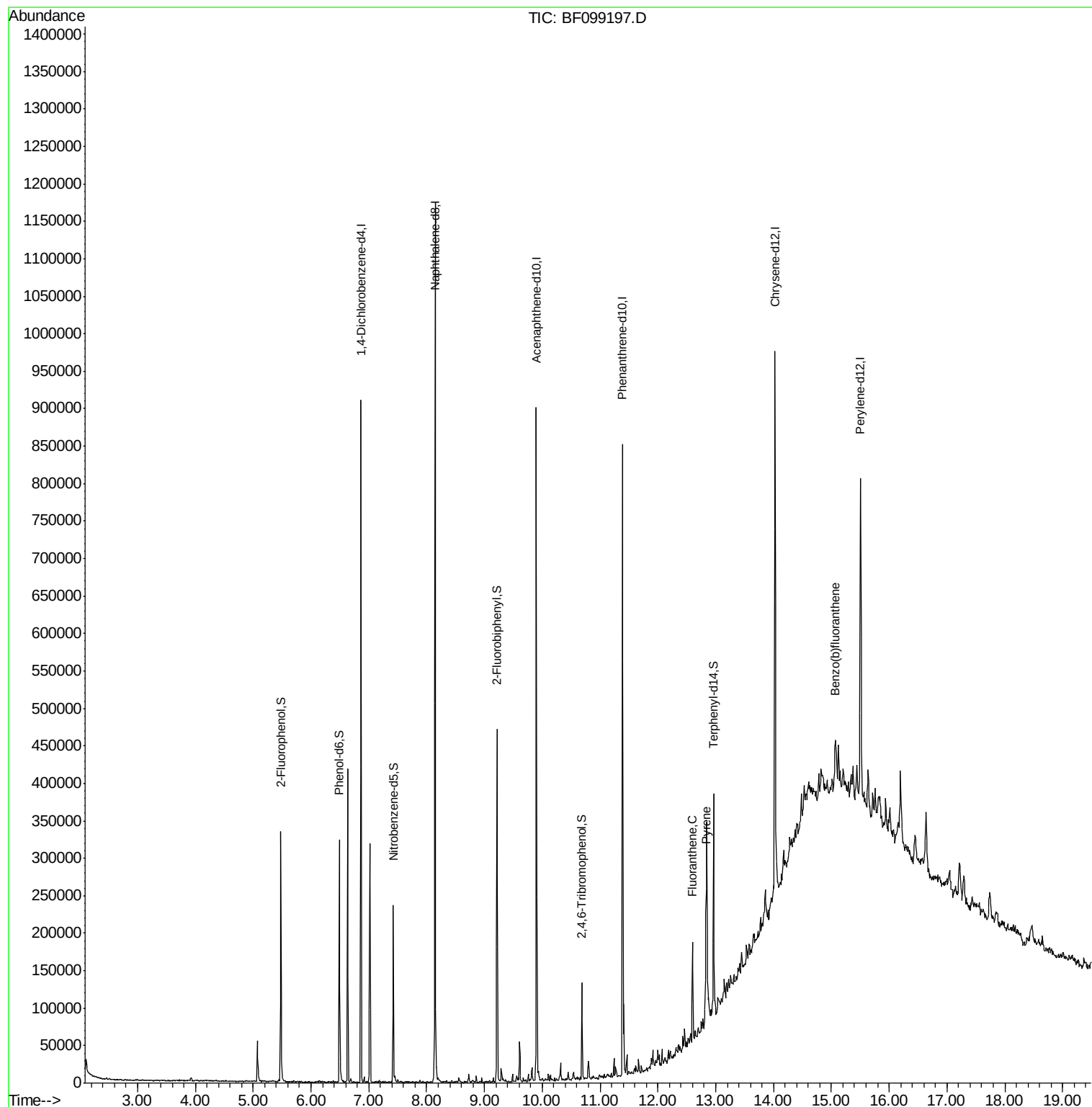
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
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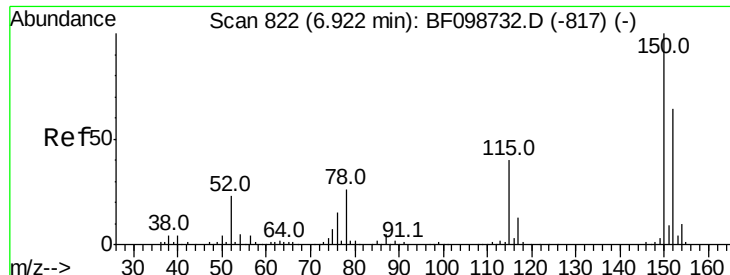
Instrument :
BNA_F
ClientSampleId :
G54B-0-3

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#1

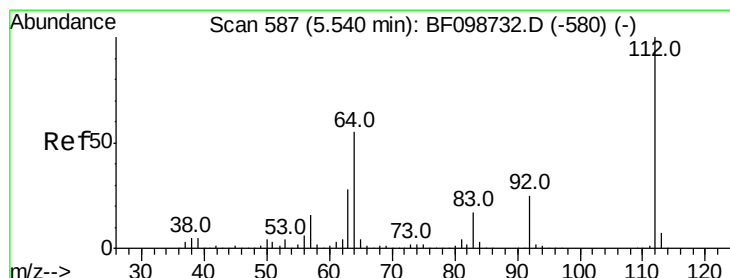
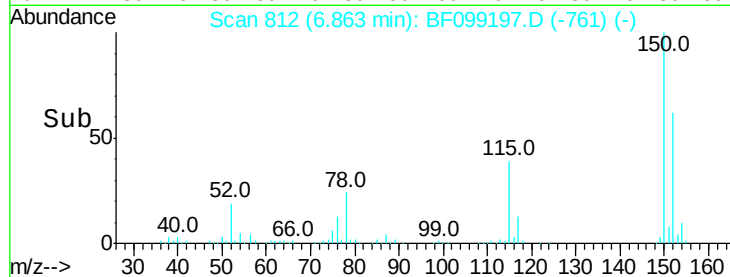
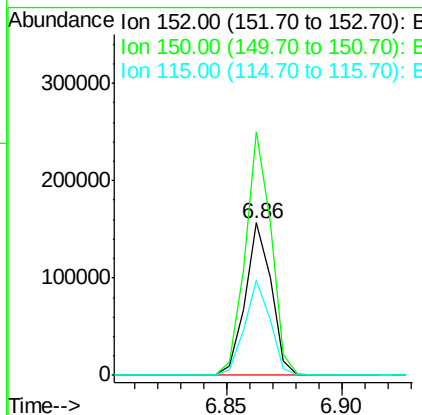
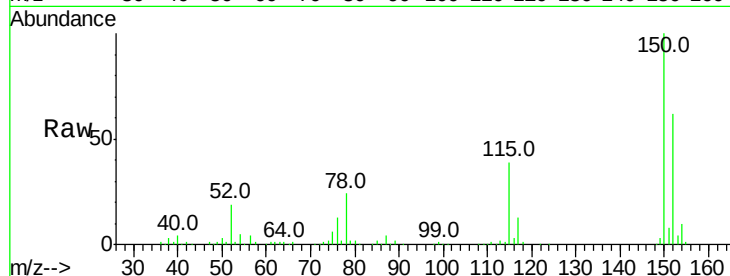
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF099197.D
 Acq: 7 Oct 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 G54B-0-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	62.2	50.1	75.1

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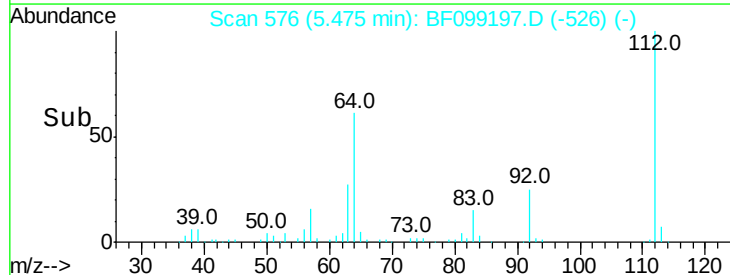
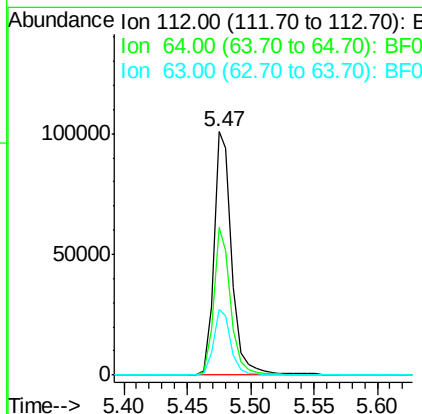
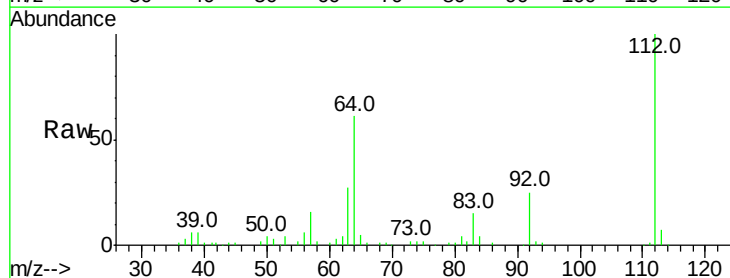
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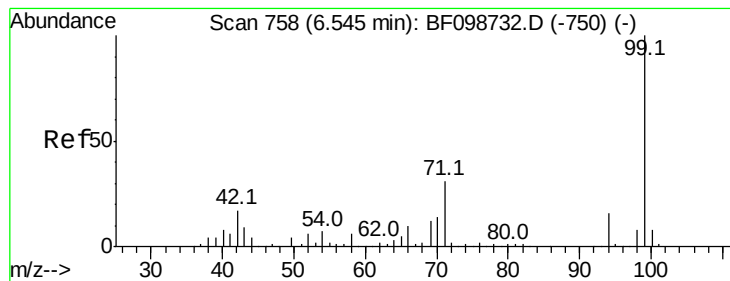


#5

2-Fluorophenol
 Concen: 12.909 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF099197.D
 Acq: 7 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	27.2	23.7	35.5





#7

Phenol-d6

Concen: 12.656 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099197.D

Acq: 7 Oct 2017 16:35

Instrument :

BNA_F

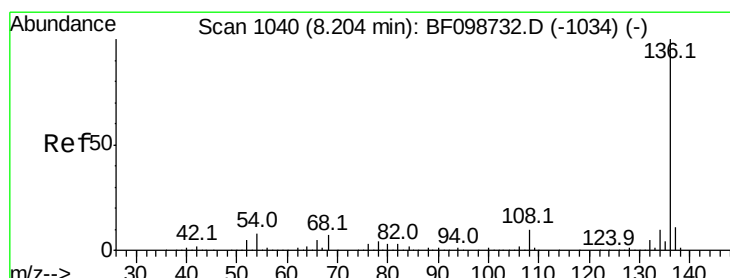
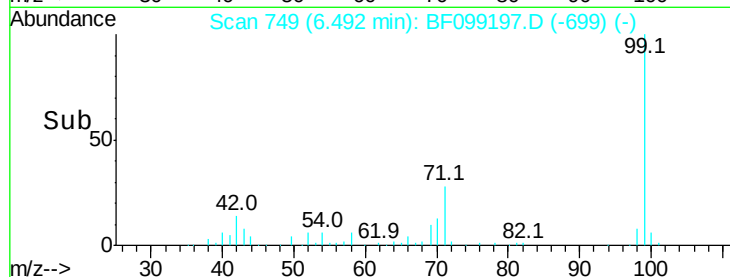
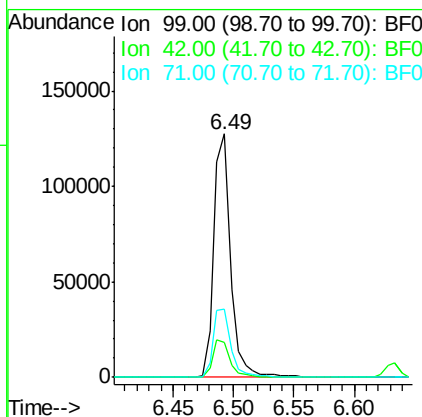
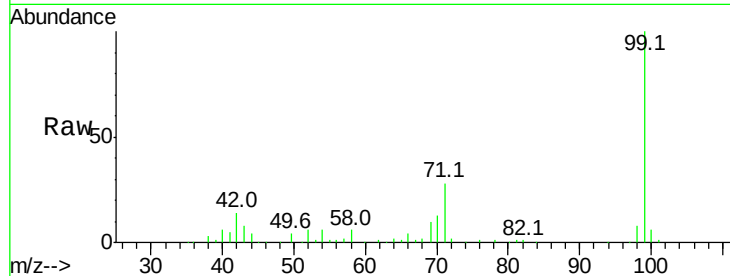
ClientSampled :

G54B-0-3

Tot Ion:	99	Resp:	121381
Ion Ratio	Lower	Upper	
99	100		
42	14.1	14.5	21.7#
71	27.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

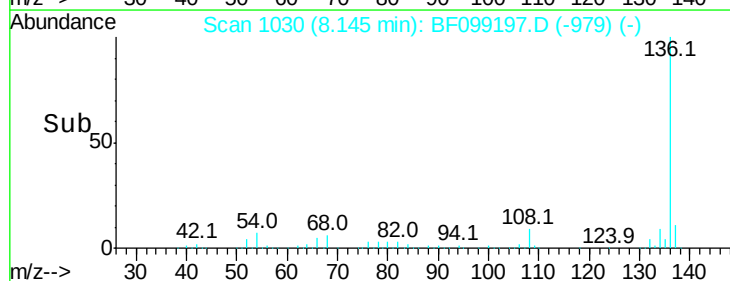
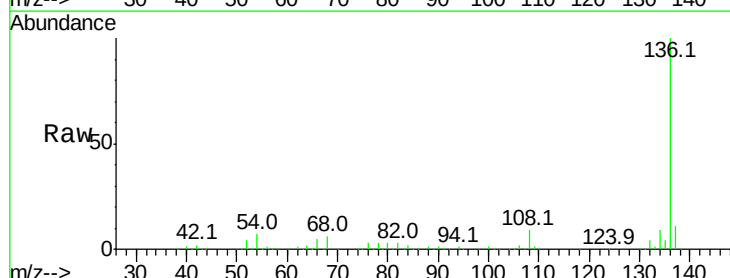
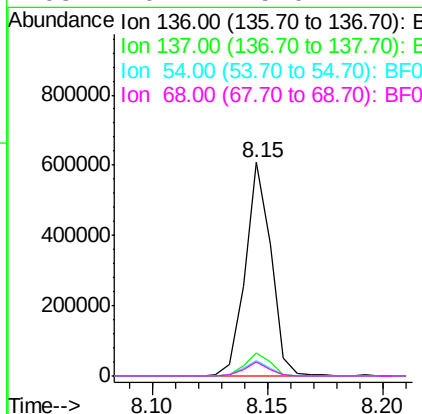
RT: 8.15 min Scan# 1030

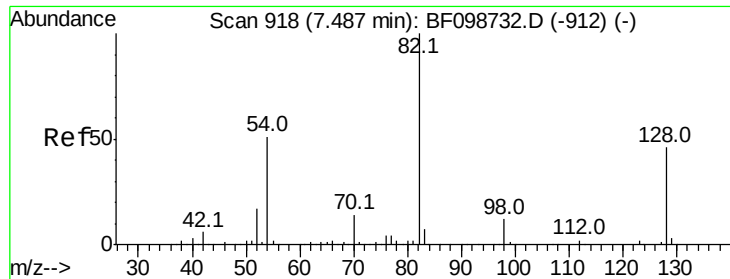
Delta R.T. -0.00 min

Lab File: BF099197.D

Acq: 7 Oct 2017 16:35

Tgt Ion:	136	Resp:	473212
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	7.3	6.6	9.8
68	6.4	5.0	7.4





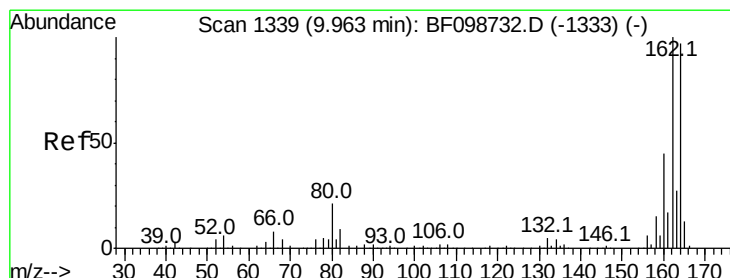
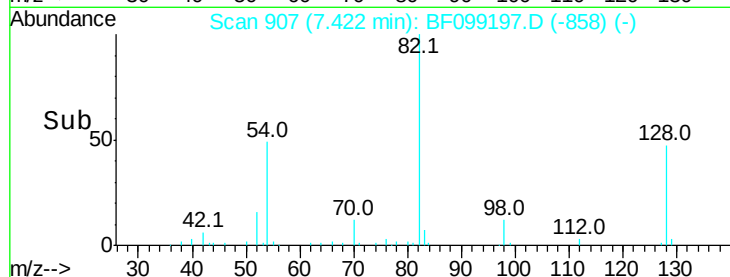
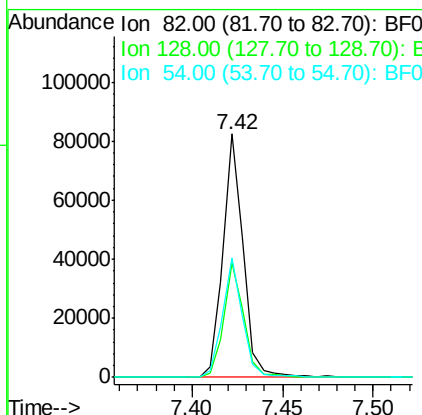
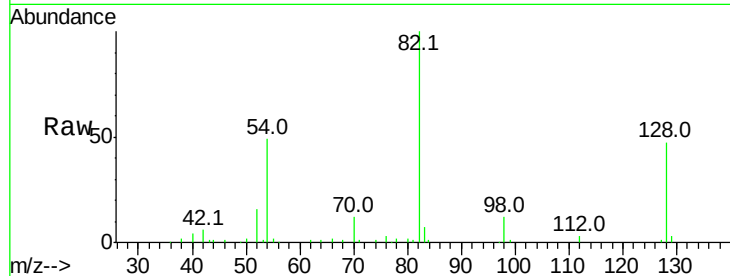
#23
 Nitrobenzene-d5
 Concen: 8.660 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF099197.D
 Acq: 7 Oct 2017 16:35

Instrument :
 BNA_F
 ClientSampled :
 G54B-0-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	49.0	41.4	62.2

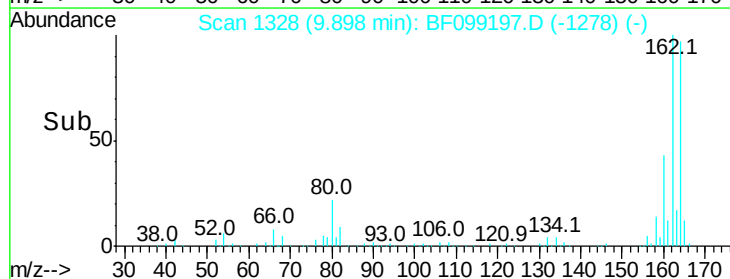
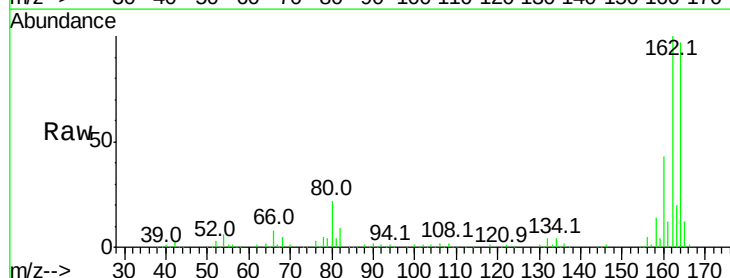
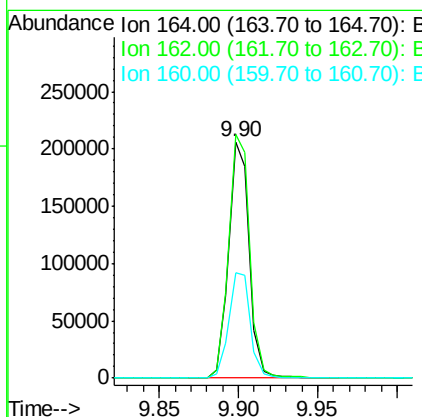
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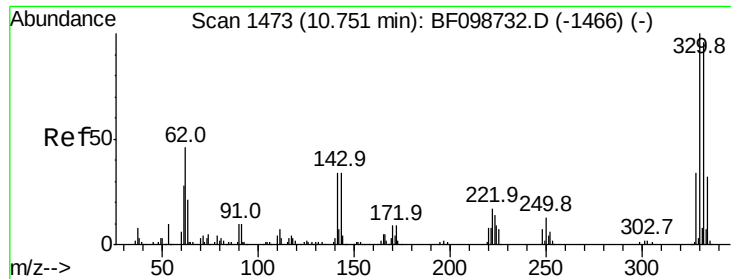
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099197.D
 Acq: 7 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	44.9	38.3	57.5





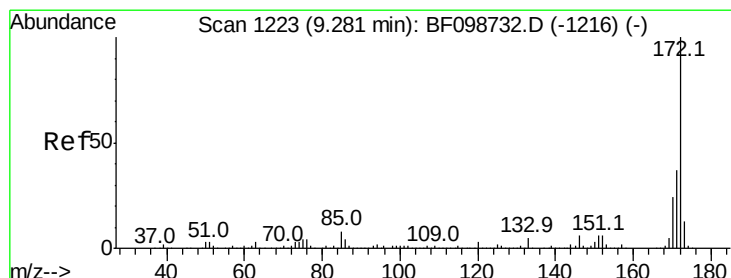
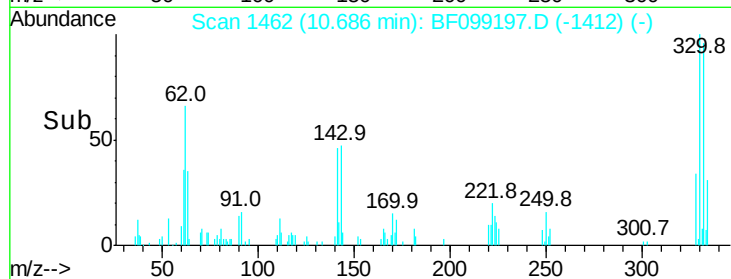
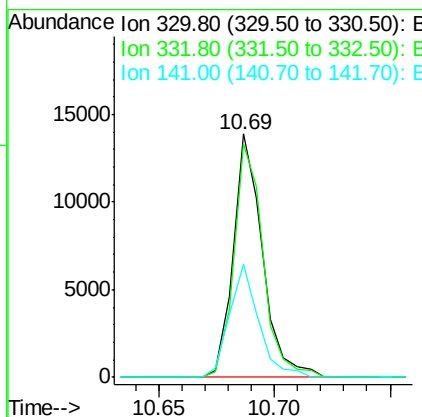
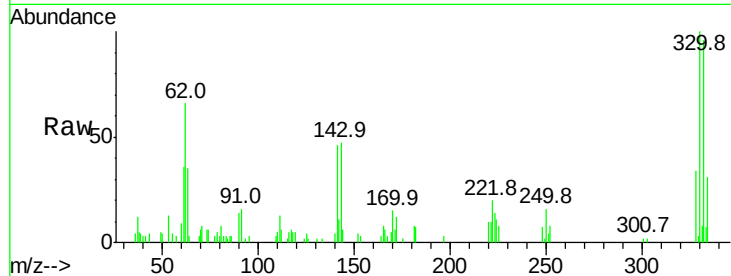
#41
 2,4,6-Tribromophenol
 Concen: 8.066 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099197.D
 Acq: 7 Oct 2017 16:35

Instrument :
 BNA_F
 ClientSampled :
 G54B-0-3

Tot Ion	Ratio	Resp	Lower	Upper
330	100	12236		
332	96.1	77.0	115.6	
141	46.6	29.9	44.9#	

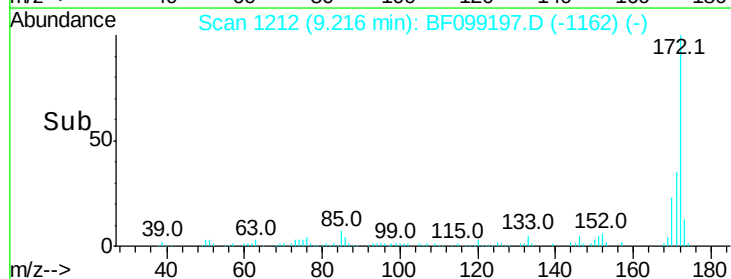
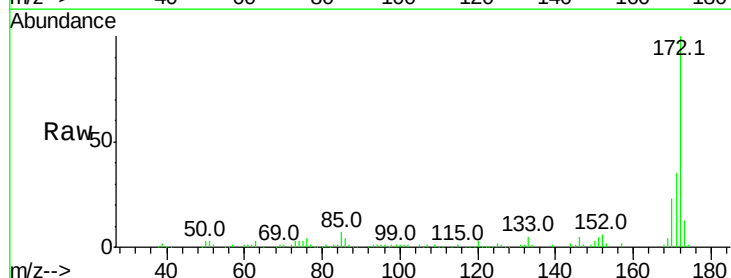
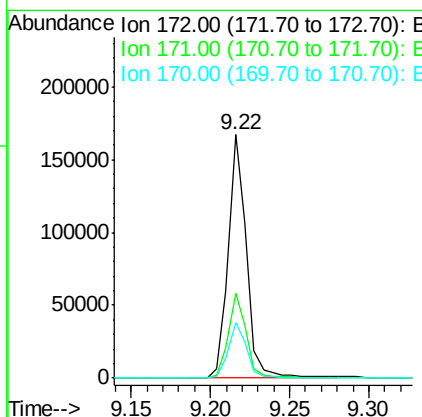
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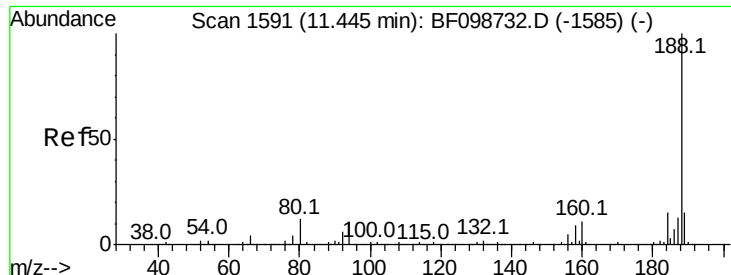
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#44
 2-Fluorobiphenyl
 Concen: 11.951 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099197.D
 Acq: 7 Oct 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	132716		
171	34.8	29.7	44.5	
170	23.0	19.6	29.4	





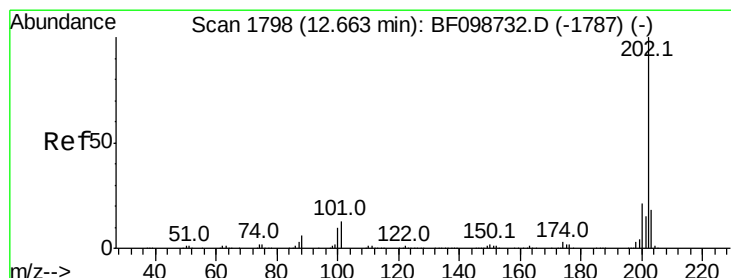
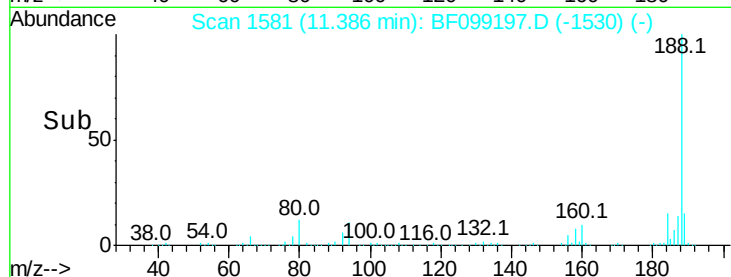
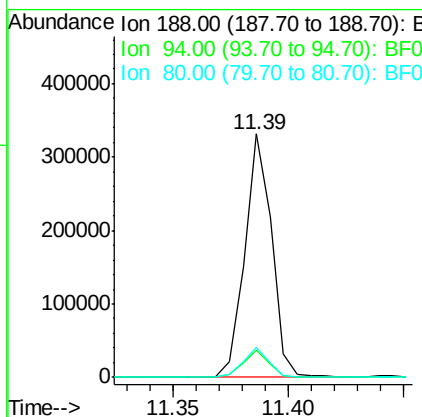
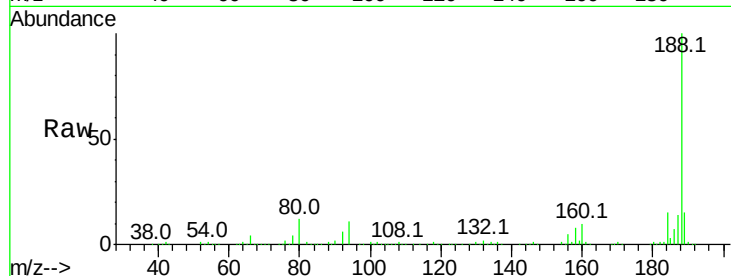
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF099197.D
Acq: 7 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :
G54B-0-3

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.1	8.5	12.7	
80	12.3	9.2	13.8	

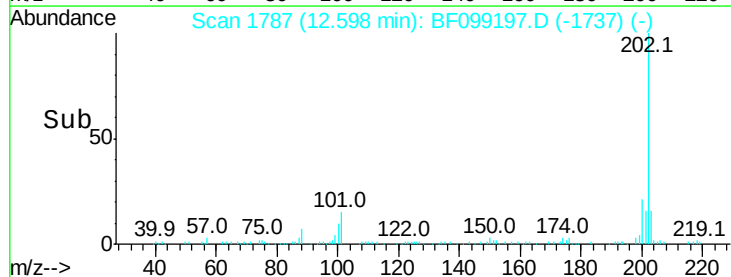
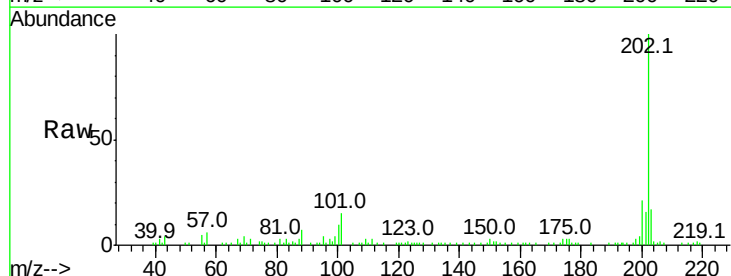
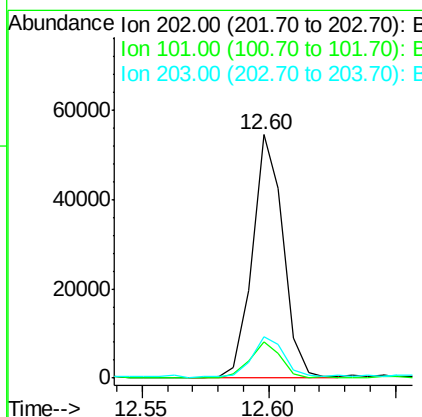
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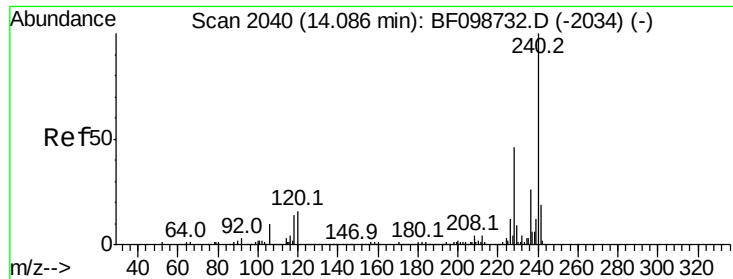
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#74
Fluoranthene
Concen: 3.148 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF099197.D
Acq: 7 Oct 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	15.1	0.0	34.1	
203	17.1	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF099197.D

Acq: 7 Oct 2017 16:35

Instrument :

BNA_F

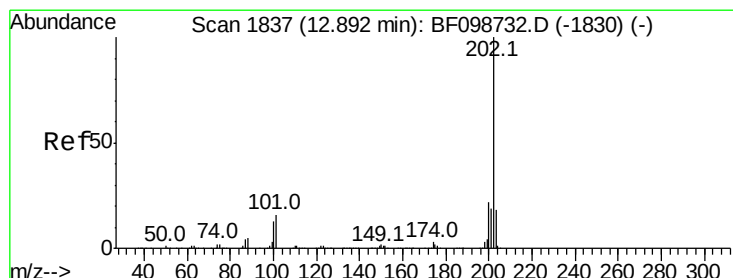
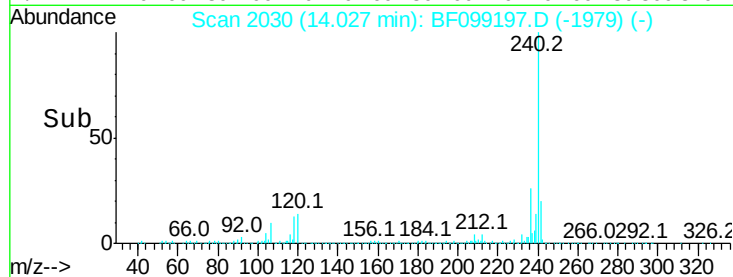
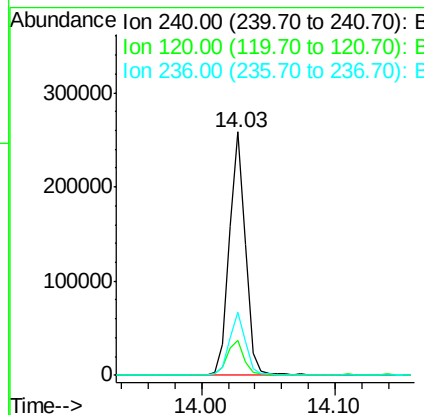
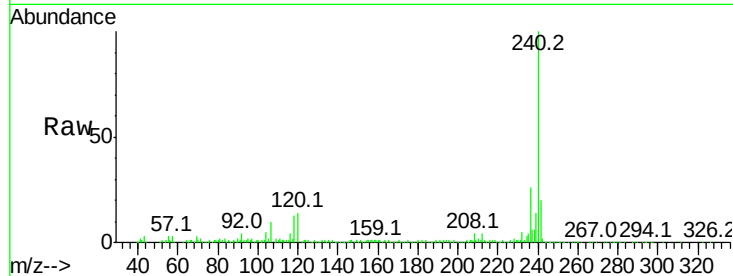
ClientSampled :

G54B-0-3

Tot Ion:	240	Resp:	222690
Ion Ratio	Lower	Upper	
240	100		
120	14.3	9.5	14.3
236	26.0	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 2.434 ng

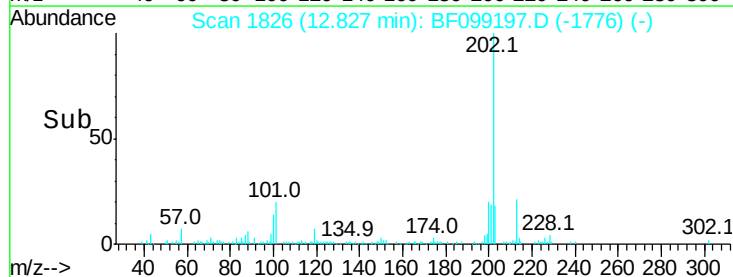
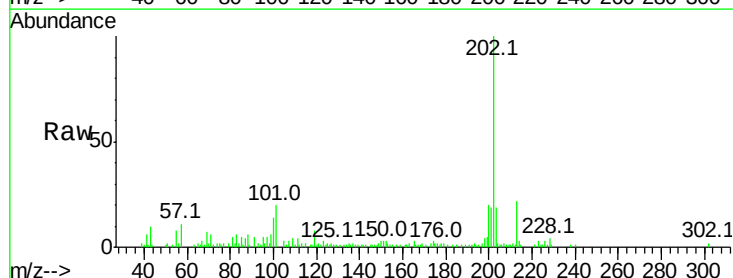
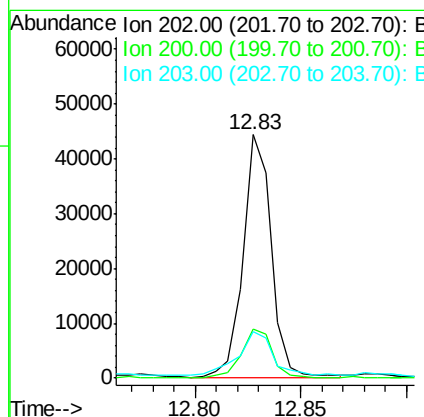
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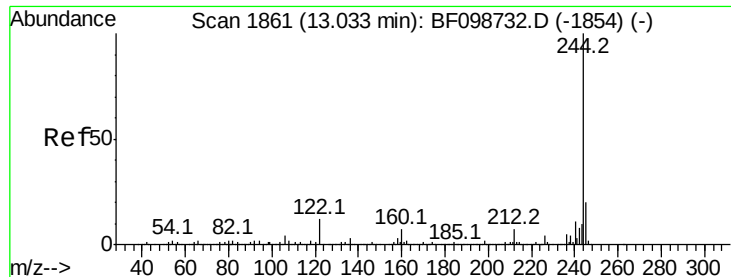
Delta R.T. -0.01 min

Lab File: BF099197.D

Acq: 7 Oct 2017 16:35

Tgt Ion:	202	Resp:	41329
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.4	26.2
203	19.3	14.3	21.5





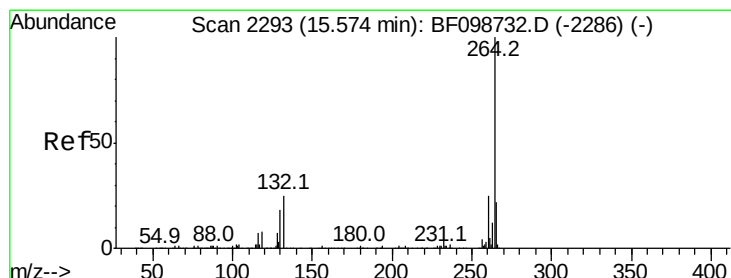
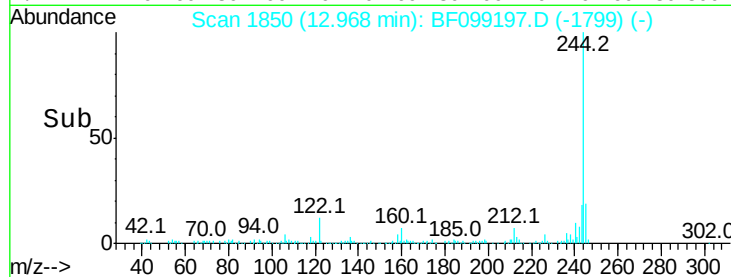
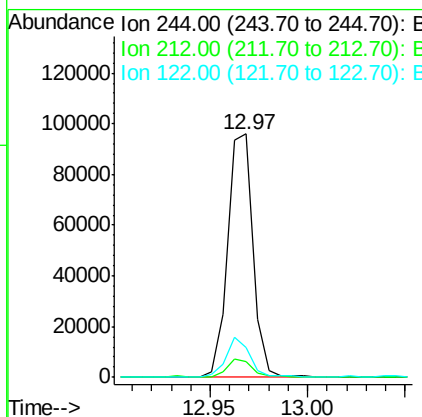
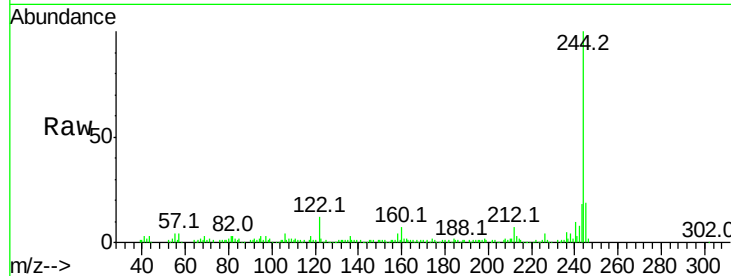
#78
 Terphenyl-d14
 Concen: 8.825 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF099197.D
 Acq: 7 Oct 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 G54B-0-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.1	11.0	16.4

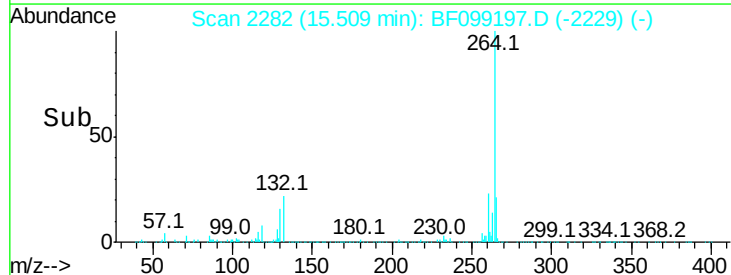
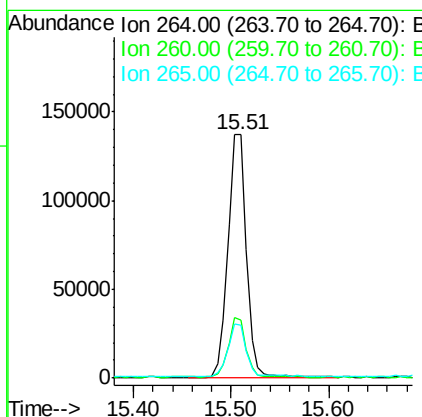
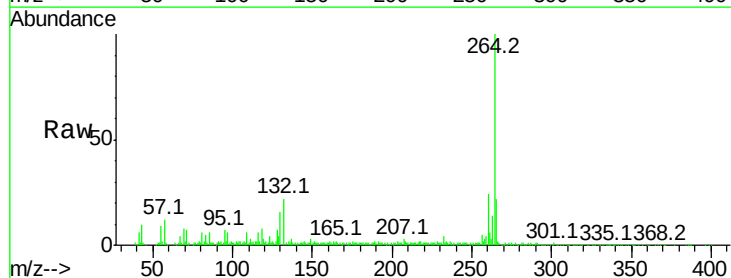
Manual Integrations
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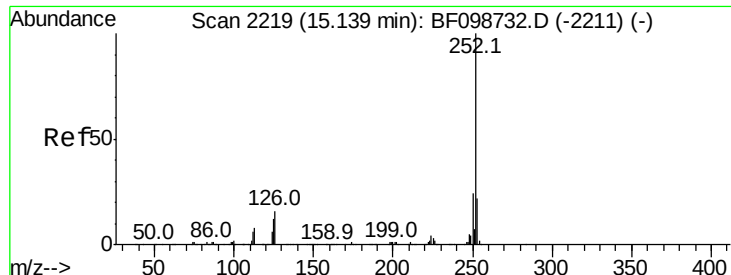
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. 0.01 min
 Lab File: BF099197.D
 Acq: 7 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.042 ng m
 RT: 15.07 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BF099197.D
 Acq: 7 Oct 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 G54B-0-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.6	17.0	25.6#
125	32.4	9.0	13.6#

Manual Integrations
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