

Data File : BF101853.D
Acq On : 2 Jan 2018 16:11
Operator : SJ/JU
Sample : I7092-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR-1169

Manual Integrations
APPROVED

Sohil
1/3/2018 10:26:22 AM

Quant Time: Jan 02 16:59:58 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	138956	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	548151	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	222174	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	356614	20.00	ng	0.00
75) Chrysene-d12	13.96	240	264285	20.00	ng	-0.01
86) Perylene-d12	15.43	264	278613	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1039991	111.48	ng	0.02
7) Phenol-d6	6.45	99	1218161	104.93	ng	0.01
23) Nitrobenzene-d5	7.35	82	795755	80.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	234171	109.38	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1219064	85.12	ng	0.00
78) Terphenyl-d14	12.89	244	880763	80.34	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.46	94	146646m	11.08	ng	
32) Benzoic acid	7.98	122	650581	109.21	ng	97

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

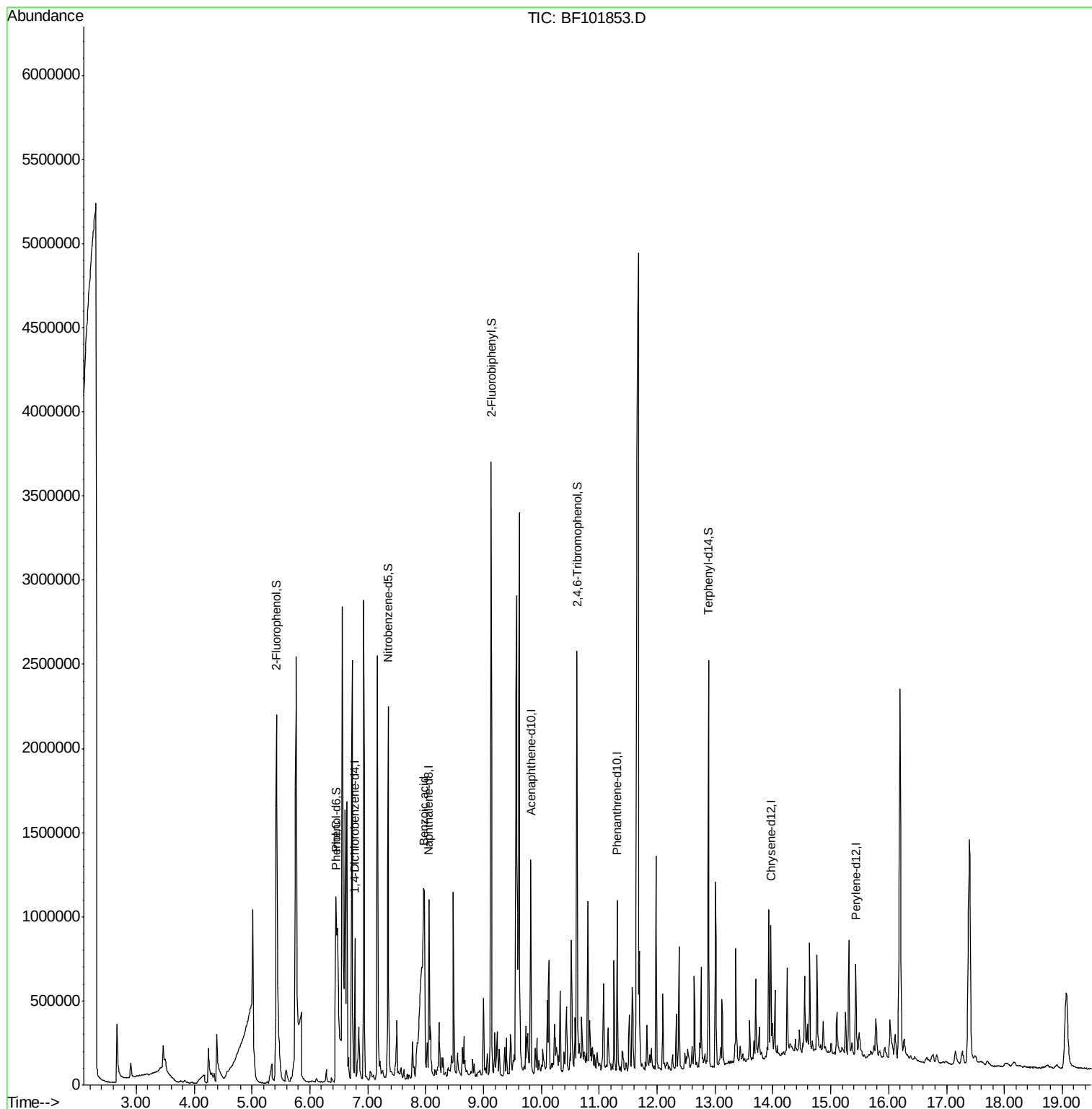
Data File : BF101853.D
Acq On : 2 Jan 2018 16:11
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Sample : I7092-02
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ALS Vial : 13 Sample Multiplier: 1

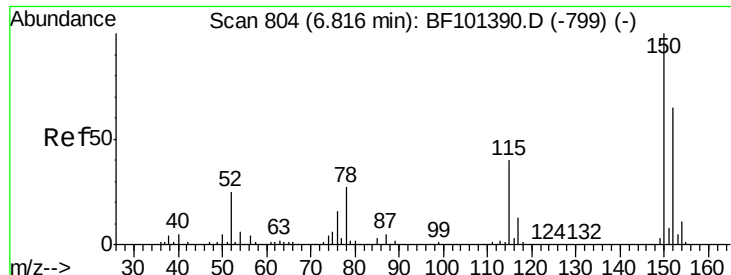
Instrument :
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#1

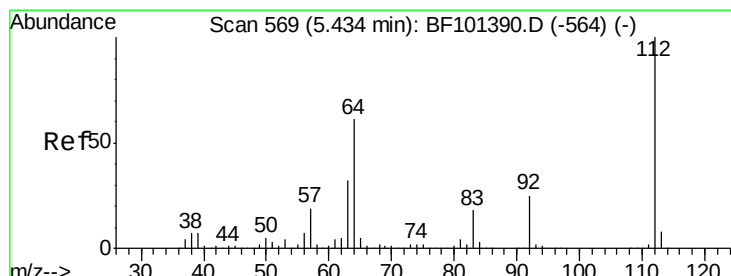
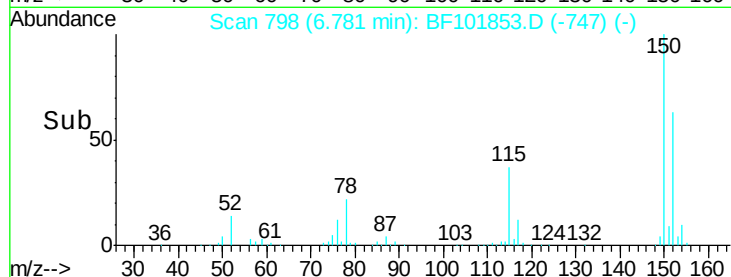
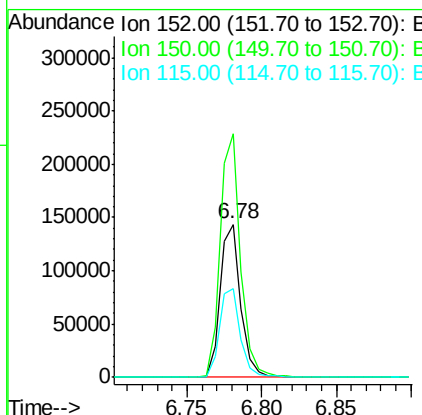
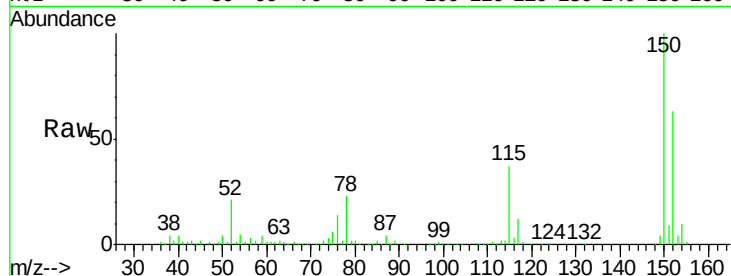
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF101853.D
Acq: 2 Jan 2018 16:11

Instrument :
BNA_F
ClientSampleId :
LAR-1169

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	58.4	50.1	75.1

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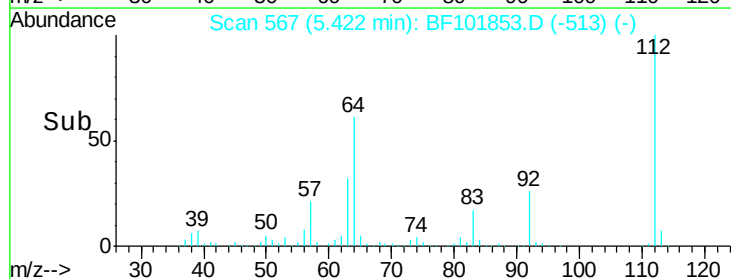
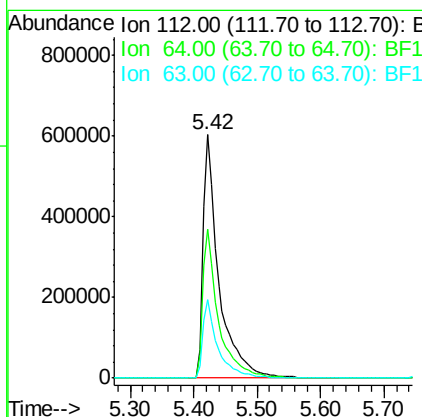
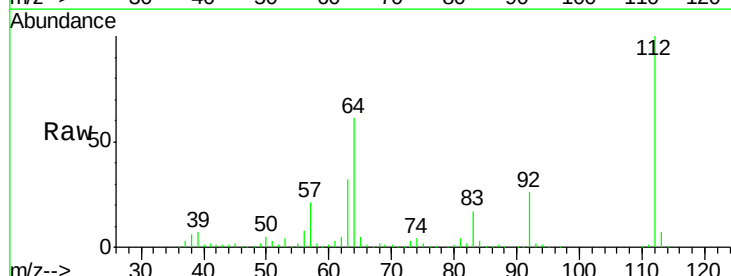
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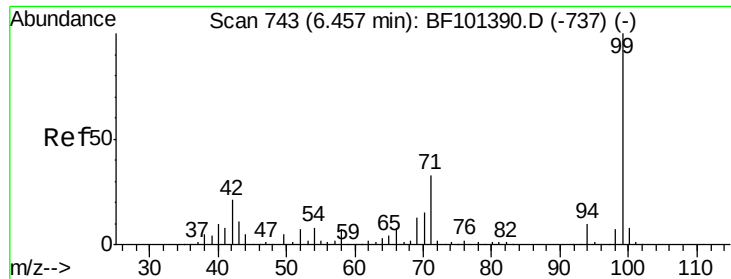


#5

2-Fluorophenol
Concen: 111.48 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF101853.D
Acq: 2 Jan 2018 16:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	32.3	23.7	35.5





#7

Phenol-d6

Concen: 104.93 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101853.D

Acq: 2 Jan 2018 16:11

Instrument :

BNA_F

ClientSampleId :

LAR-1169

Tgt Ion: 99 Resp: 1218161

Ion Ratio Lower Upper

99 100

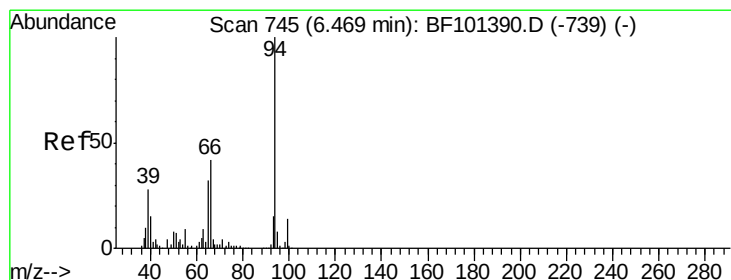
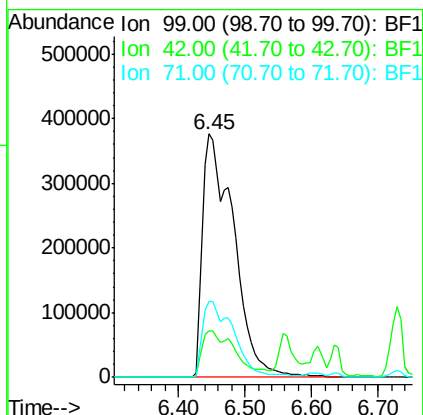
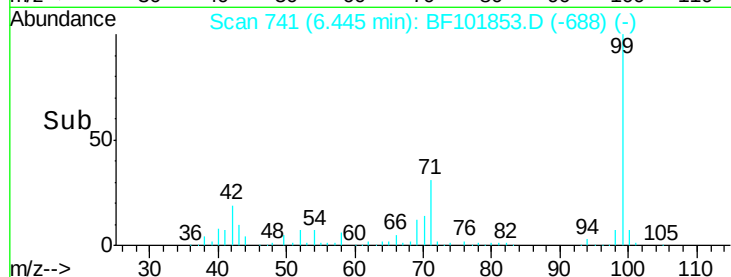
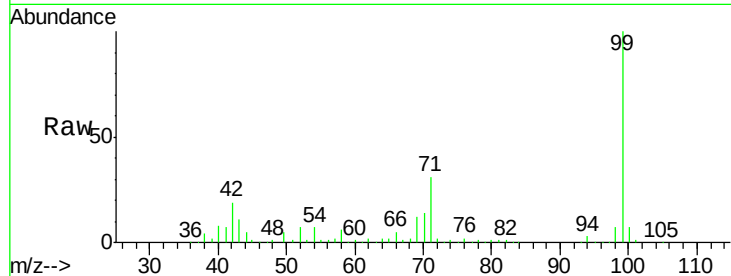
42 19.3 14.5 21.7

71 30.9 25.4 38.0

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#10

Phenol

Concen: 11.08 ng m

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101853.D

Acq: 2 Jan 2018 16:11

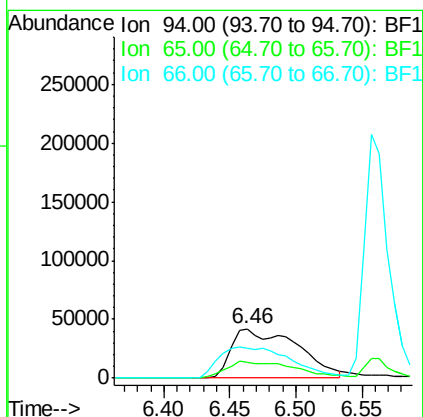
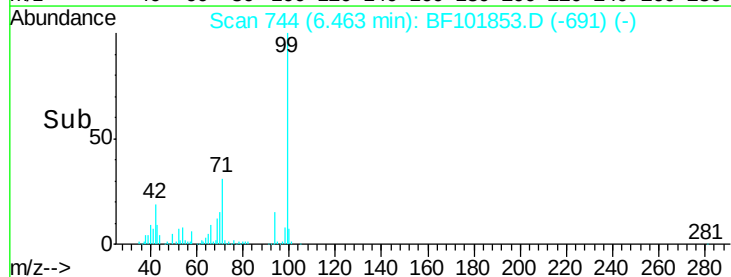
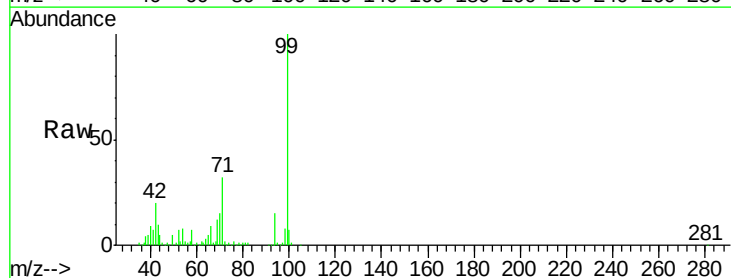
Tgt Ion: 94 Resp: 146646

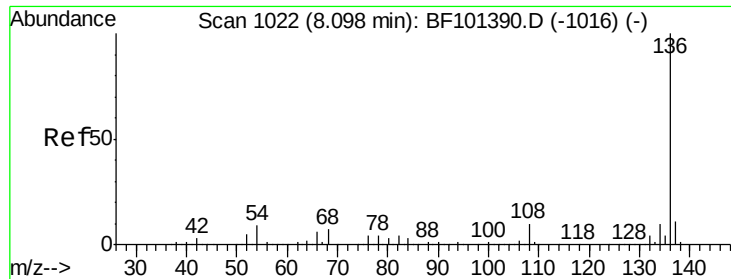
Ion Ratio Lower Upper

94 100

65 31.6 7.9 47.9

66 60.8 16.2 56.2#





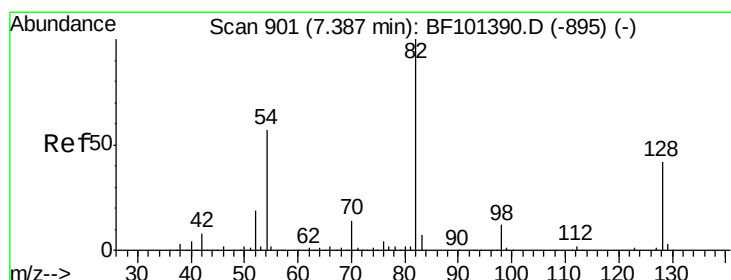
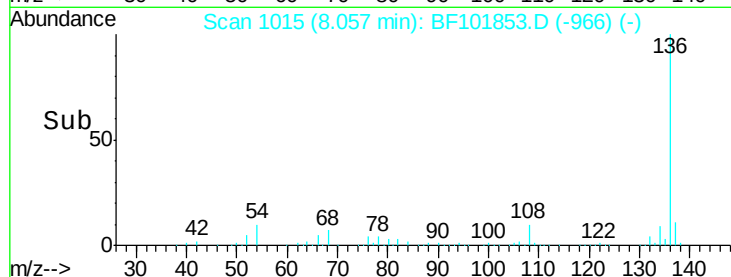
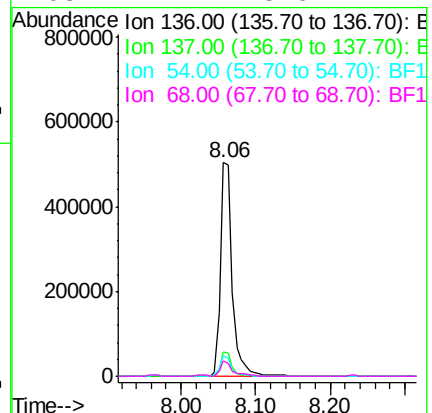
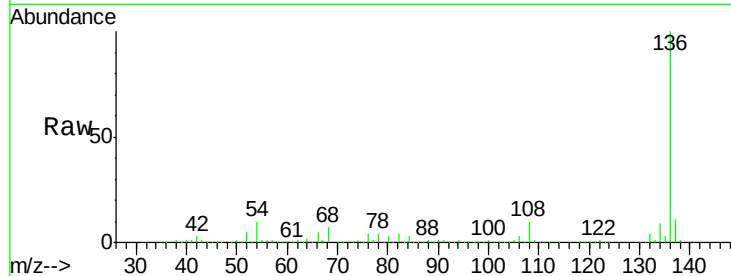
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF101853.D
Acq: 2 Jan 2018 16:11

Instrument :
BNA_F
ClientSampleId :
LAR-1169

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	548151		
137	11.4	8.9	13.3	
54	9.8	6.6	9.8	
68	7.4	5.0	7.4	

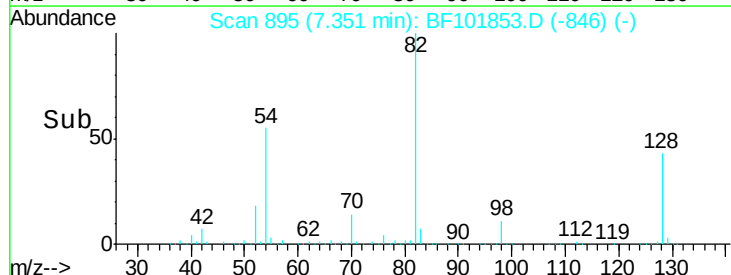
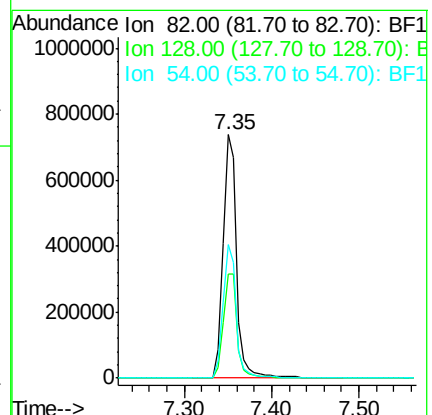
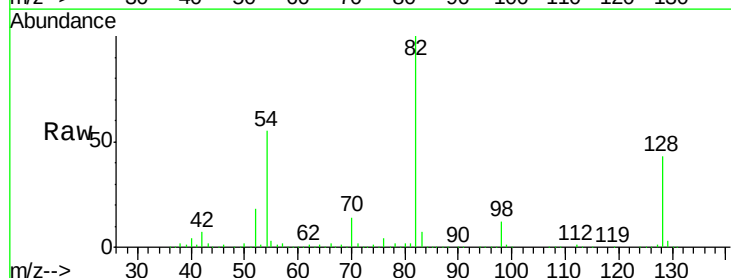
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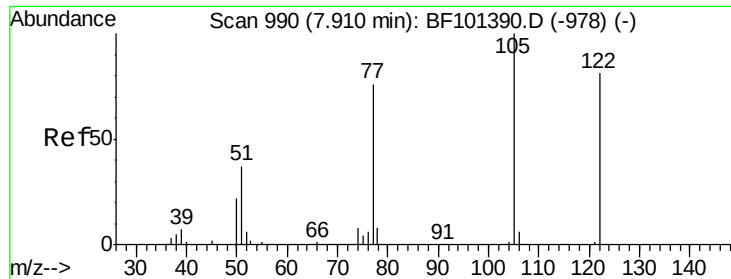
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#23
Nitrobenzene-d5
Concen: 80.81 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF101853.D
Acq: 2 Jan 2018 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	795755		
128	42.9	36.1	54.1	
54	54.6	41.4	62.2	





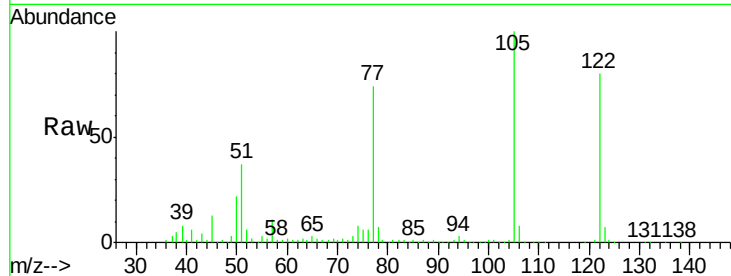
#32
Benzoic acid
Concen: 109.21 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.08 min
Lab File: BF101853.D
Acq: 2 Jan 2018 16:11

Instrument :
BNA_F
ClientSampleId :
LAR-1169

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	650581		
105	125.1	101.1	141.1	
77	92.7	70.7	110.7	

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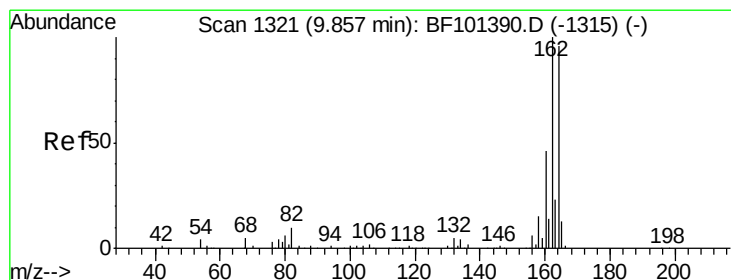
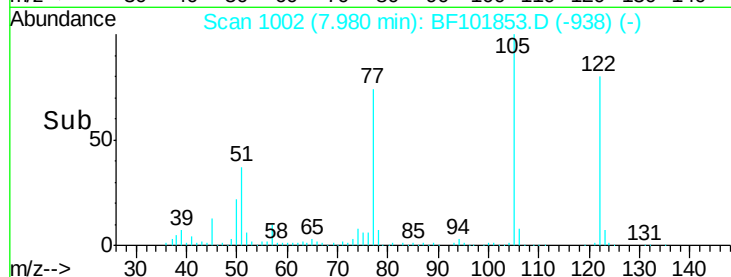
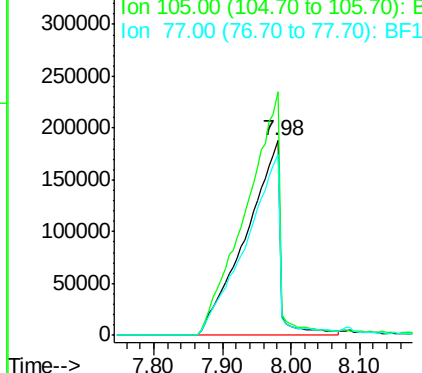


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF101853.D
Acq: 2 Jan 2018 16:11

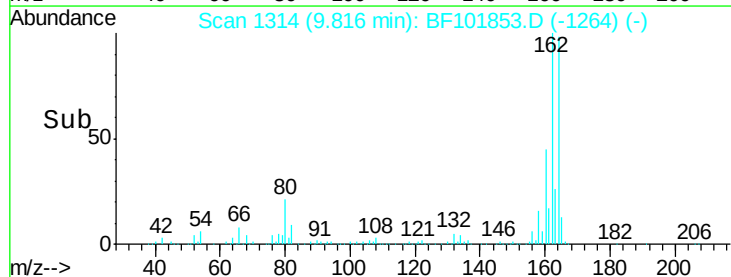
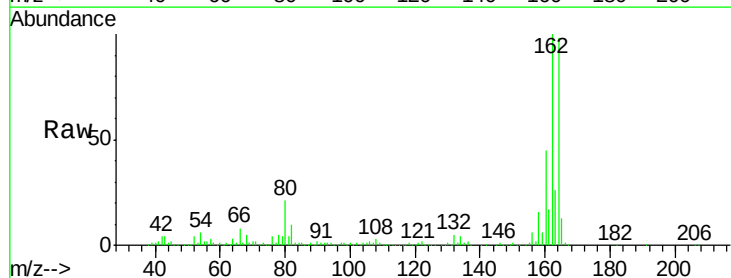
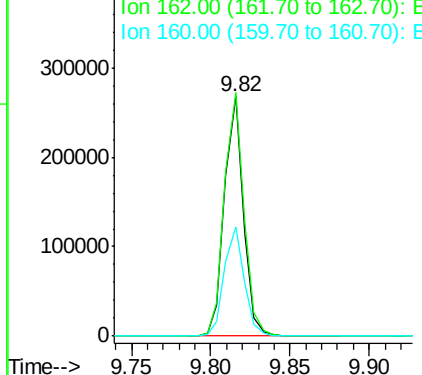
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	222174		
162	101.7	86.1	129.1	
160	45.9	38.3	57.5	

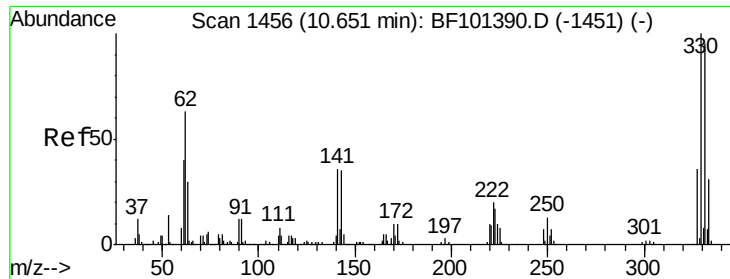
Abundance

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





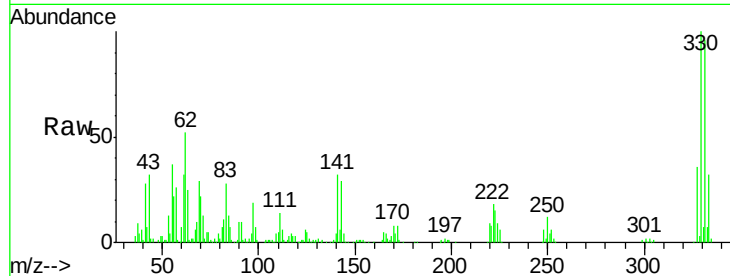
#41
 2,4,6-Tribromophenol
 Concen: 109.38 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF101853.D
 Acq: 2 Jan 2018 16:11

Instrument :
 BNA_F
 ClientSampled :
 LAR-1169

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	234171		
332	95.5	77.0	115.6	
141	31.1	29.9	44.9	

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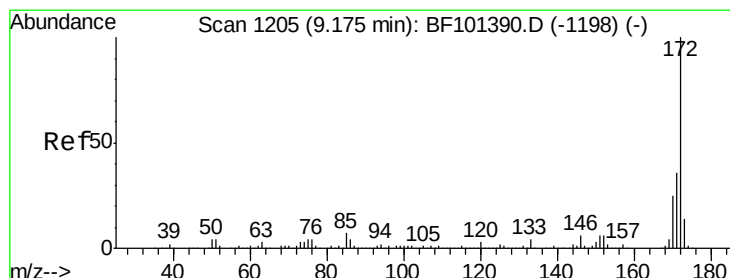
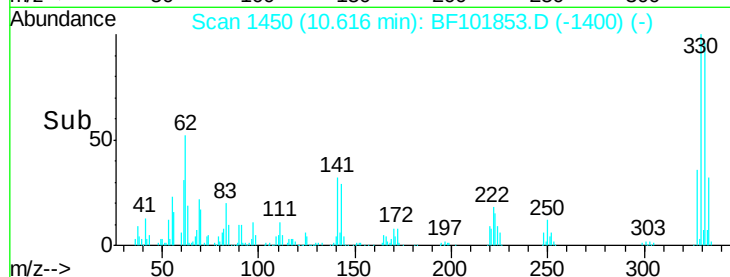
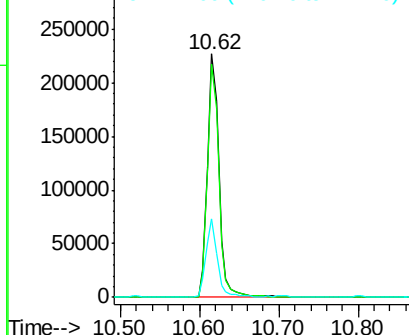


Abundance

Ion 329.80 (329.50 to 330.50): E

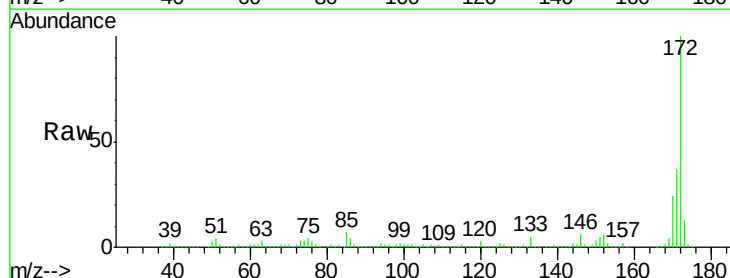
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.12 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF101853.D
 Acq: 2 Jan 2018 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1219064		
171	36.5	29.7	44.5	
170	24.3	19.6	29.4	

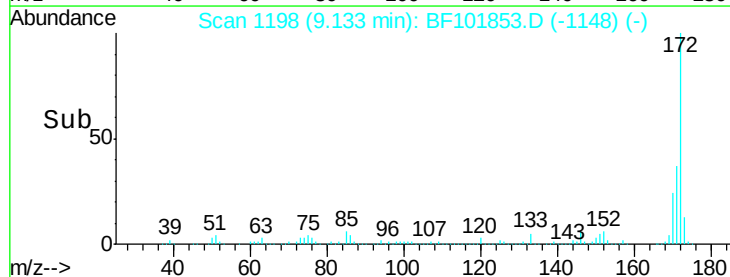
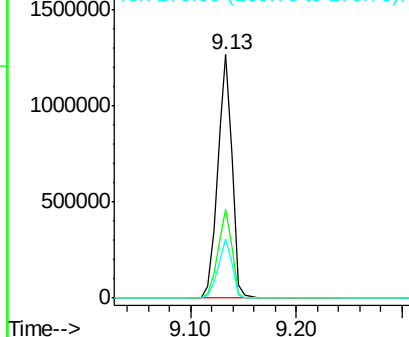


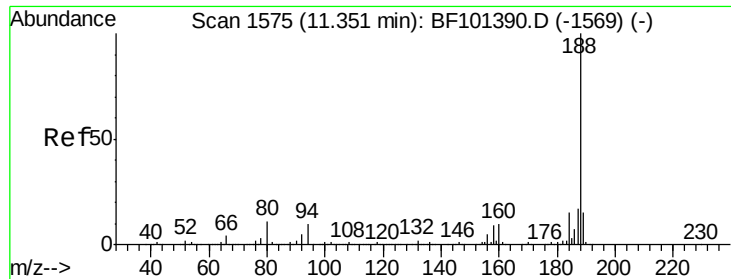
Abundance

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





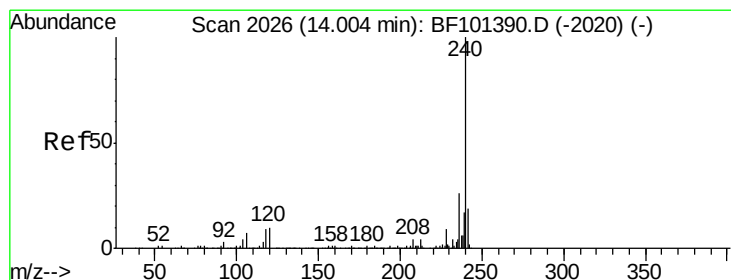
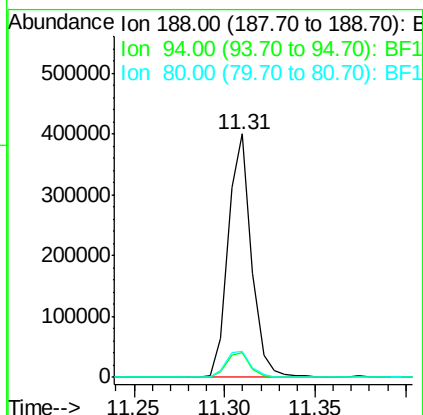
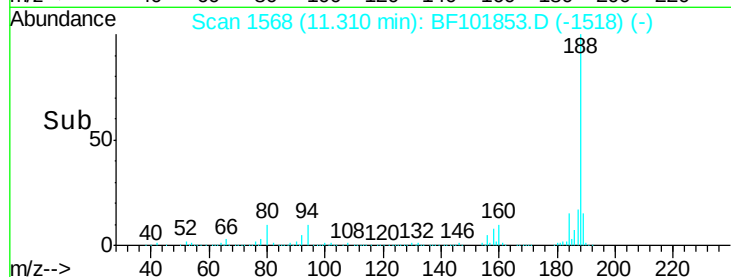
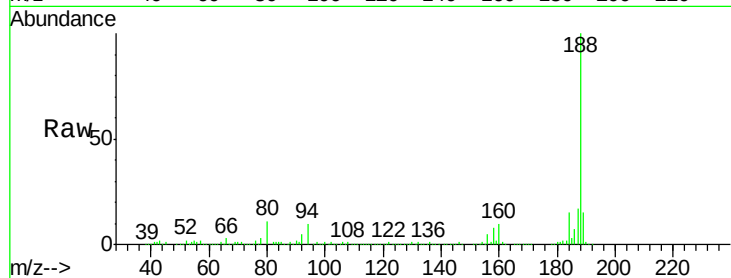
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF101853.D
Acq: 2 Jan 2018 16:11

Instrument :
BNA_F
ClientSampled :
LAR-1169

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	356614		
94	9.9	8.5	12.7	
80	10.5	9.2	13.8	

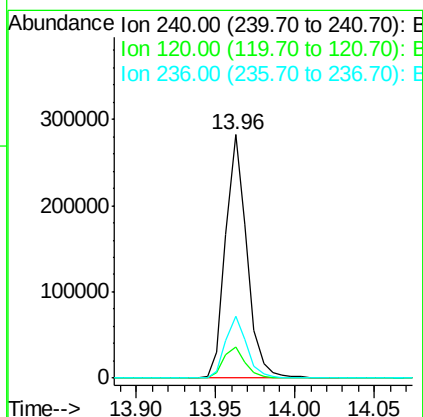
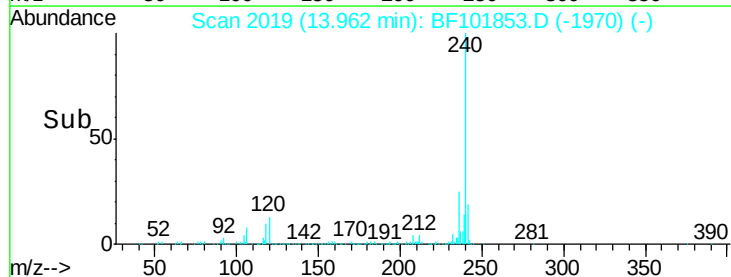
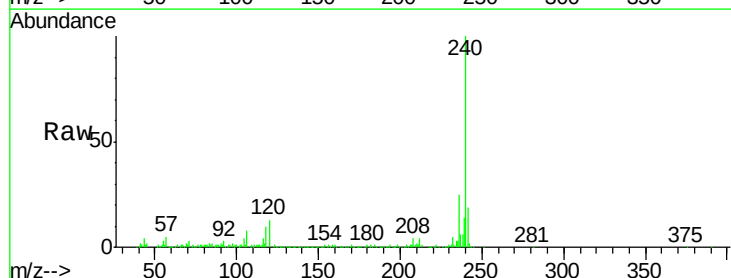
Manual Integrations
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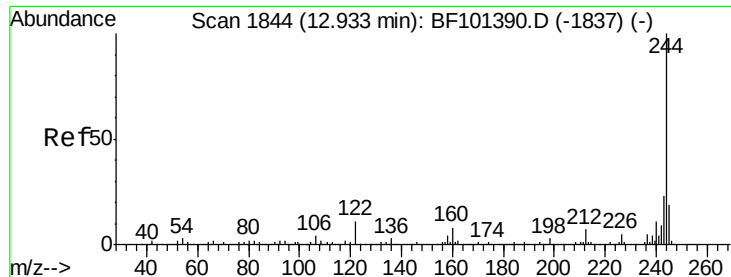
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101853.D
Acq: 2 Jan 2018 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	264285		
120	12.7	9.5	14.3	
236	25.4	20.7	31.1	





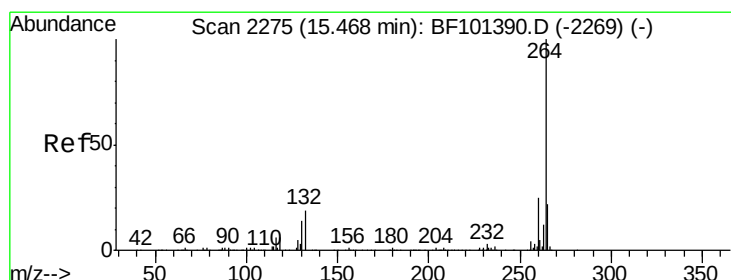
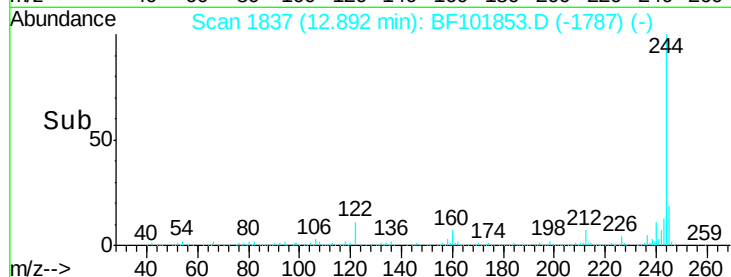
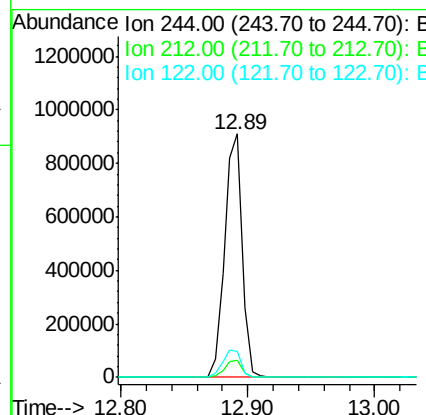
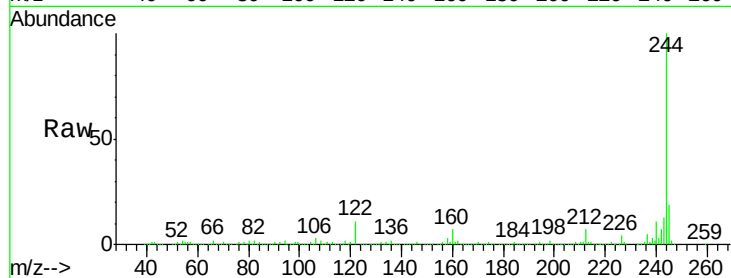
#78
 Terphenyl-d14
 Concen: 80.34 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF101853.D
 Acq: 2 Jan 2018 16:11

Instrument :
 BNA_F
 ClientSampleId :
 LAR-1169

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.9	5.4	8.0
122	10.6	11.0	16.4

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF101853.D
 Acq: 2 Jan 2018 16:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.5	26.3

