

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
 Data File : BF102874.D
 Acq On : 9 Feb 2018 00:18
 Operator : SJ/JU
 Sample : J1466-01DL 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANKDL

Quant Time: Feb 09 01:19:06 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

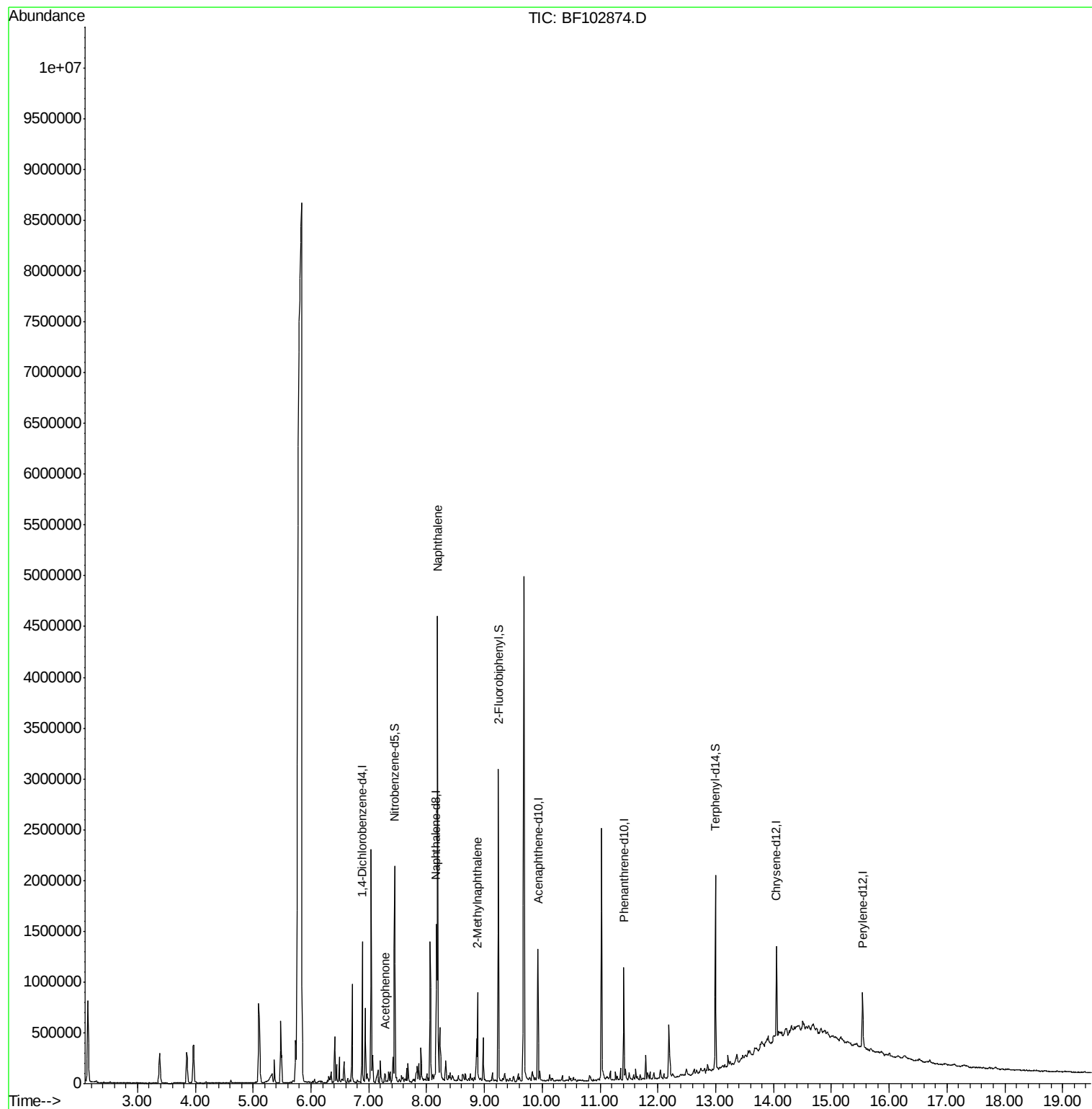
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	168838	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	662131	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	253662	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	361187	20.00	ng	0.00
75) Chrysene-d12	14.05	240	321540	20.00	ng	0.00
86) Perylene-d12	15.54	264	259851	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	402	0.04	ng	0.20
7) Phenol-d6	6.50	99	3889	0.29	ng	0.00
23) Nitrobenzene-d5	7.45	82	582661	61.04	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.24	172	852067	55.74	ng	0.00
78) Terphenyl-d14	13.00	244	622269	45.82	ng	0.00
Target Compounds						
22) Acetophenone	7.27	105	32543	2.008	ng	Qvalue # 65
31) Naphthalene	8.19	128	1946921	60.182	ng	99
37) 2-Methylnaphthalene	8.88	142	196947	9.299	ng	97

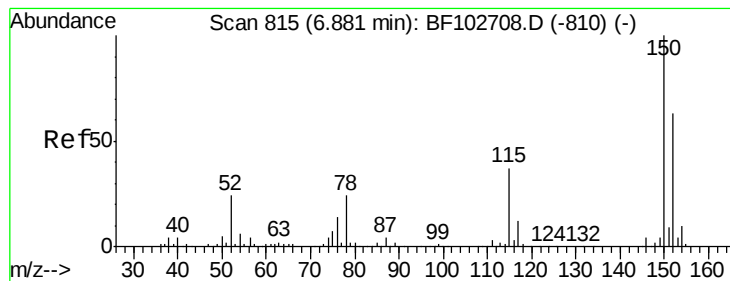
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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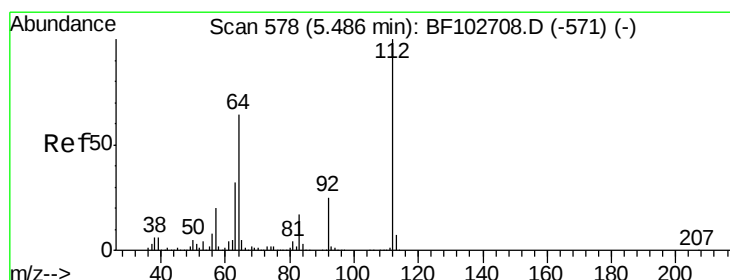
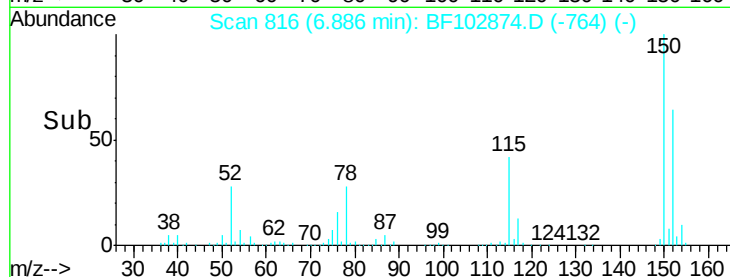
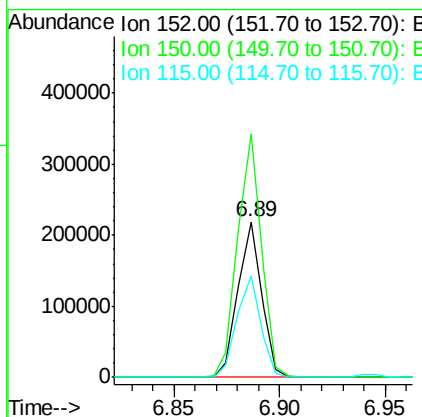
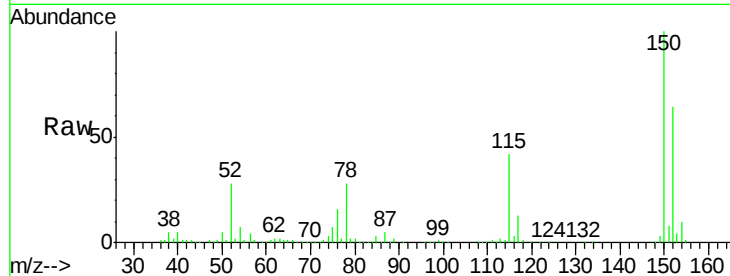




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF102874.D
 Acq: 9 Feb 2018 00:18

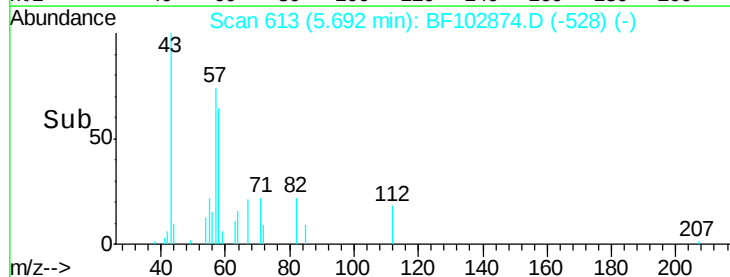
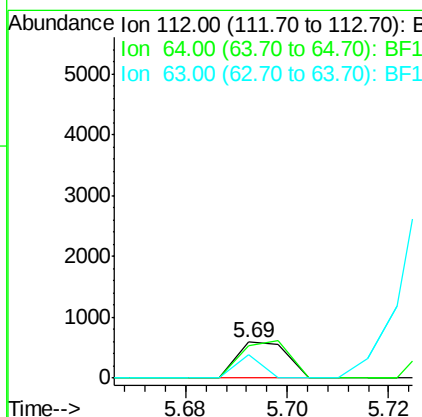
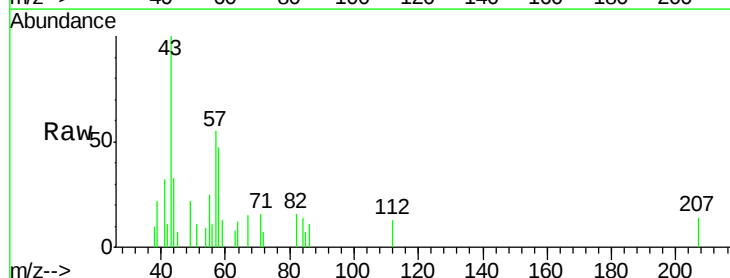
Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANKDL

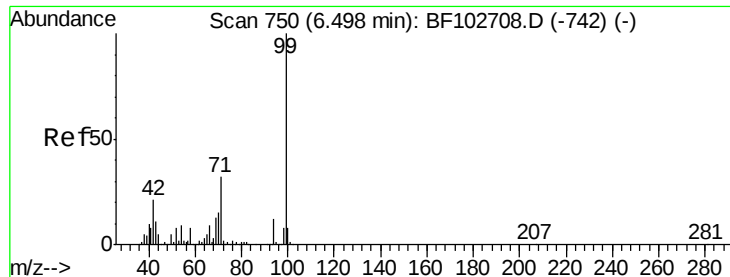
Tgt Ion:152 Resp: 168838
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.6 186.8
 115 65.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 0.036 ng
 RT: 5.69 min Scan# 613
 Delta R.T. 0.20 min
 Lab File: BF102874.D
 Acq: 9 Feb 2018 00:18

Tgt Ion:112 Resp: 402
 Ion Ratio Lower Upper
 112 100
 64 90.4 47.9 71.9#
 63 63.6 23.7 35.5#





#7

Phenol-d6

Concen: 0.291 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102874.D

Acq: 9 Feb 2018 00:18

Instrument :

BNA_F

ClientSampleId :

FRAC-TANKDL

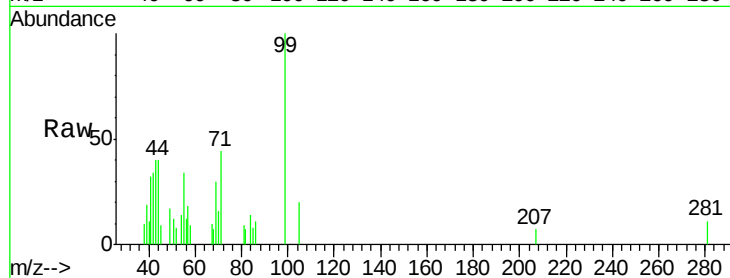
Tgt Ion: 99 Resp: 3889

Ion Ratio Lower Upper

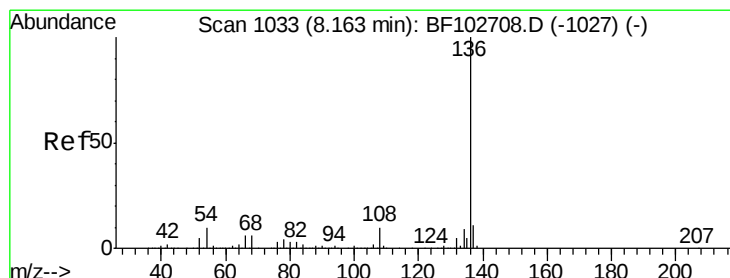
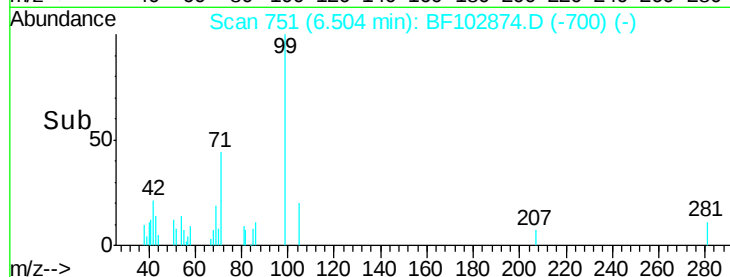
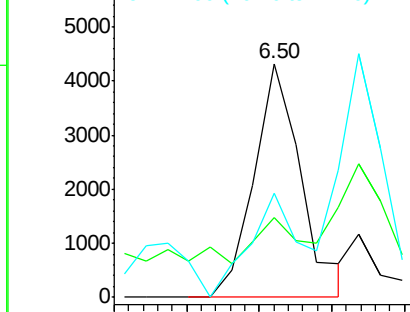
99 100

42 34.0 14.5 21.7#

71 44.5 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102874.D

Acq: 9 Feb 2018 00:18

Tgt Ion: 136 Resp: 662131

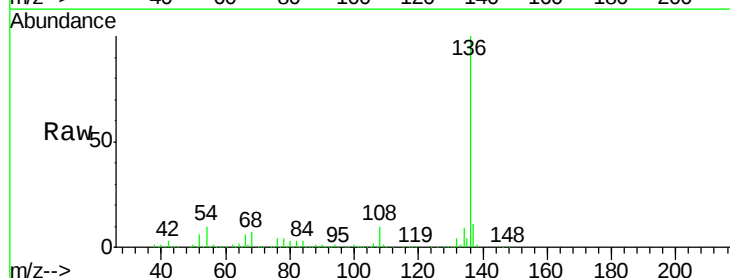
Ion Ratio Lower Upper

136 100

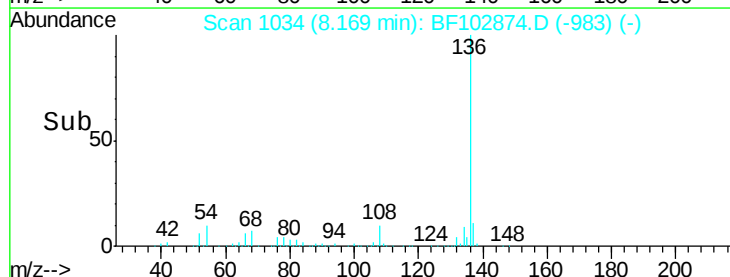
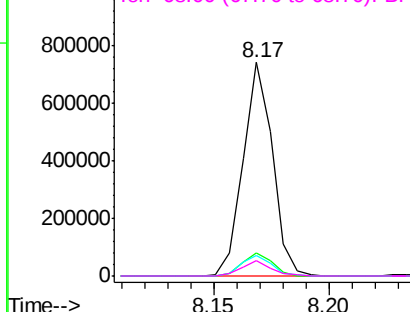
137 11.1 8.9 13.3

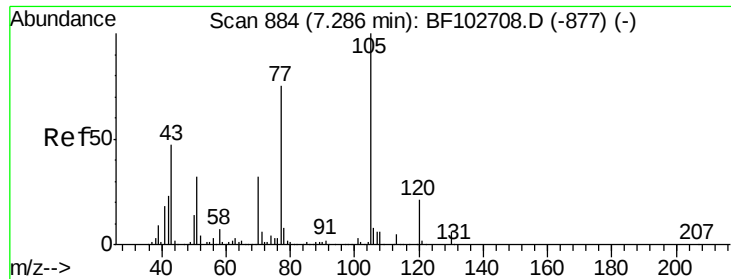
54 9.9 6.6 9.8#

68 7.0 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 2.008 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF102874.D

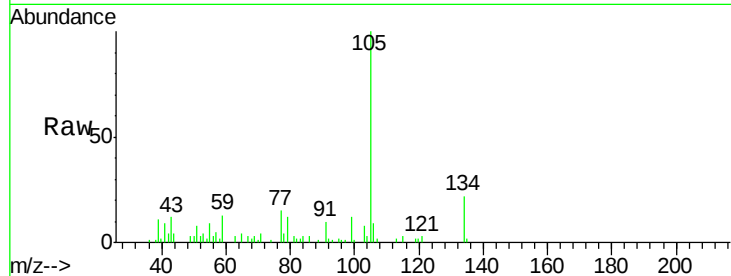
Acq: 9 Feb 2018 00:18

Instrument :

BNA_F

ClientSampleId :

FRAC-TANKDL



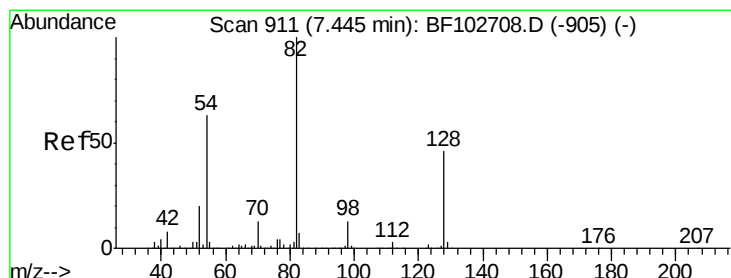
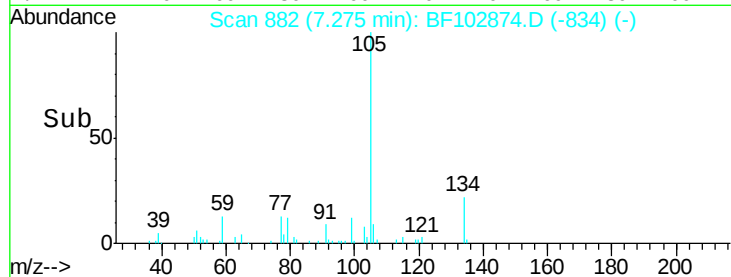
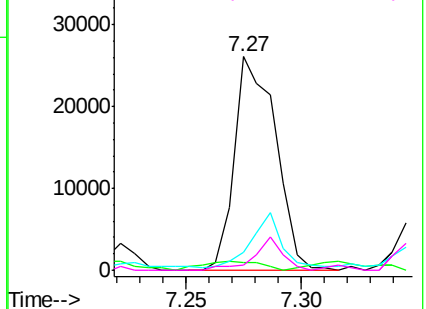
Tgt Ion:	105	Resp:	32543
Ion	Ratio	Lower	Upper
105	100		
71	3.9	4.4	6.6#
51	8.3	22.3	33.5#
120	2.5	16.9	25.3#

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 61.045 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102874.D

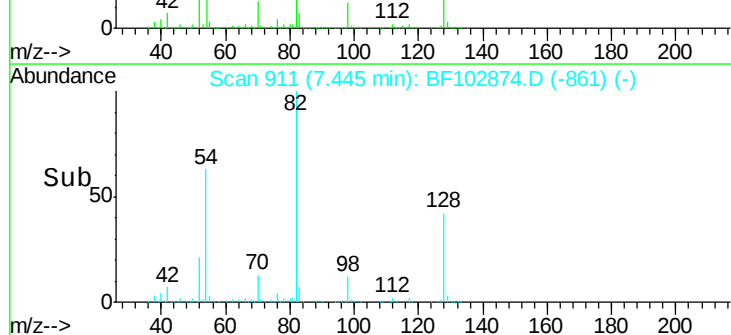
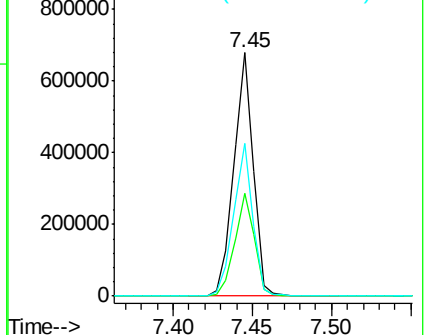
Acq: 9 Feb 2018 00:18

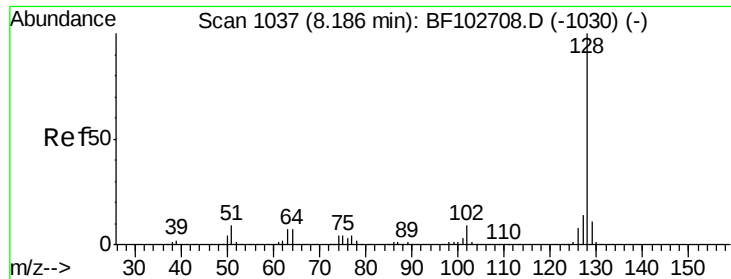
Tgt Ion:	82	Resp:	582661
Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	62.6	41.4	62.2#

Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

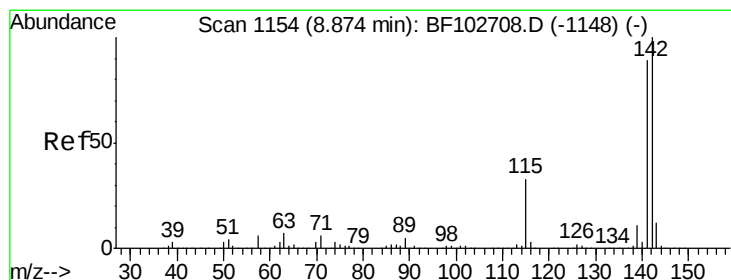
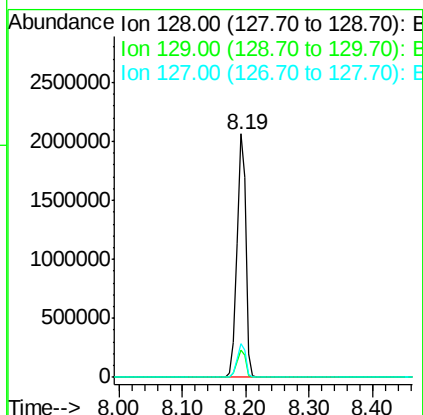
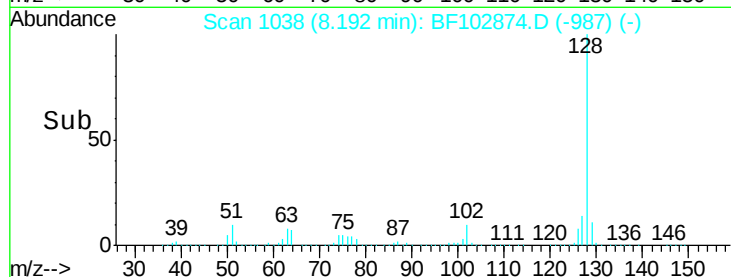
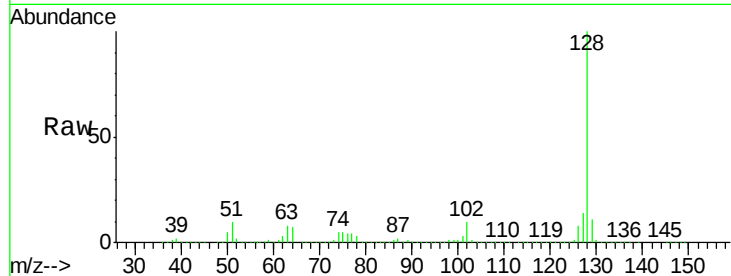




#31
Naphthalene
Concen: 60.182 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF102874.D
Acq: 9 Feb 2018 00:18

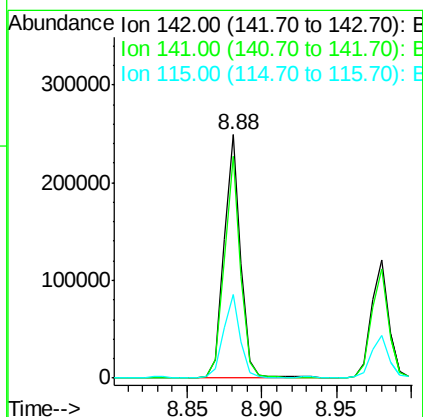
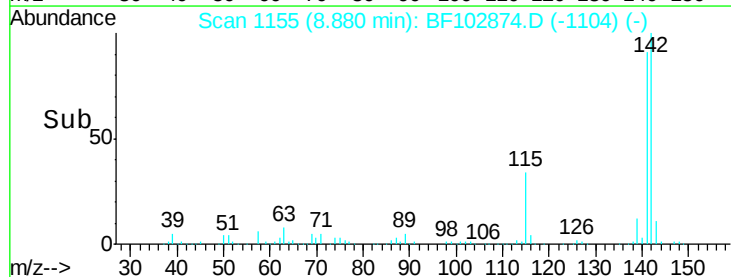
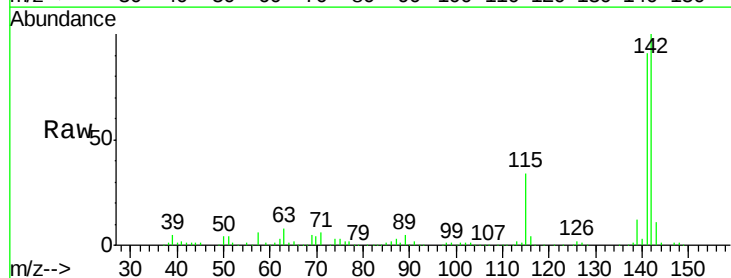
Instrument :
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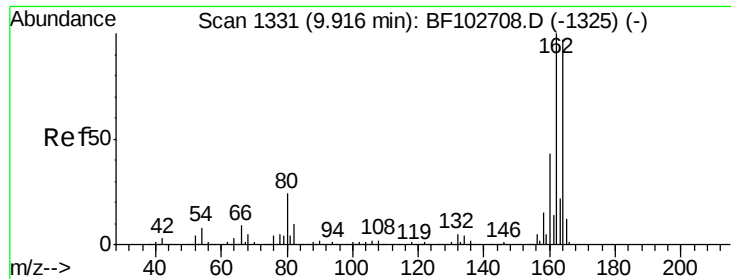
Tgt Ion:128 Resp: 1946921
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.8 10.9 16.3



#37
2-Methylnaphthalene
Concen: 9.299 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF102874.D
Acq: 9 Feb 2018 00:18

Tgt Ion:142 Resp: 196947
Ion Ratio Lower Upper
142 100
141 91.0 70.8 106.2
115 34.5 26.1 39.1

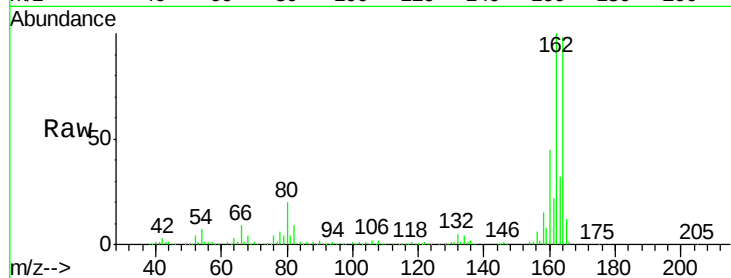




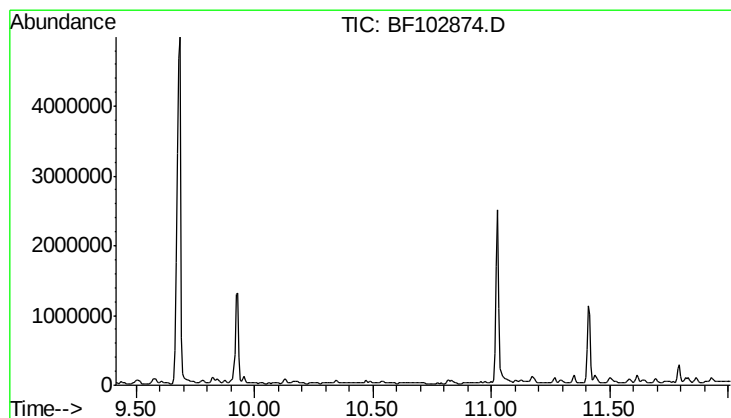
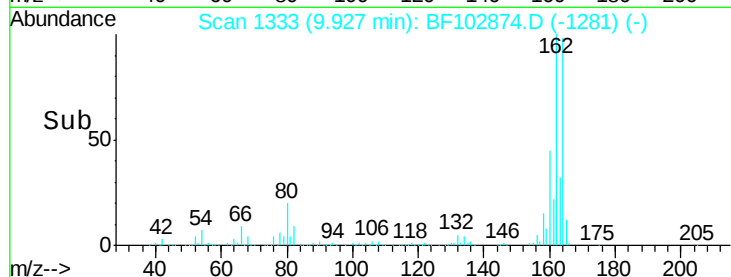
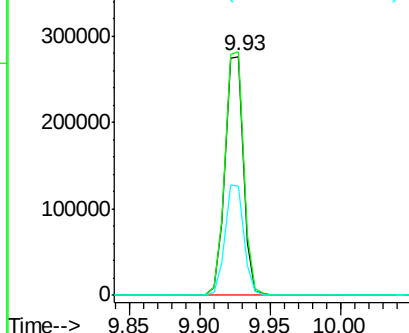
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF102874.D
 Acq: 9 Feb 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANKDL

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	45.9	38.3	57.5



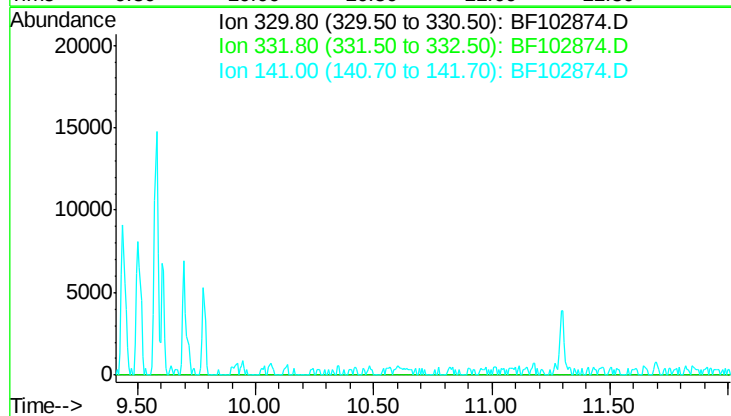
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

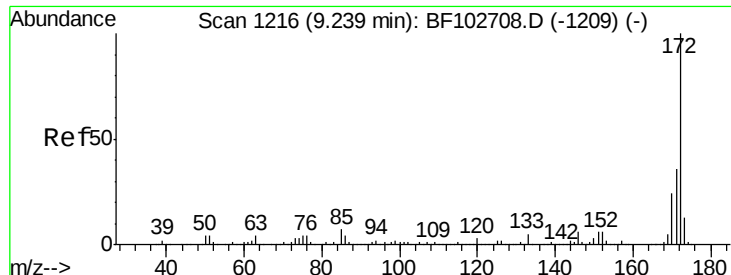


#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.71 min

Lab File: BF102874.D
 Acq: 9 Feb 2018 00:18

Tgt Ion	Sig	Exp Ratio
330	100	
332	96.3	
141	37.4	

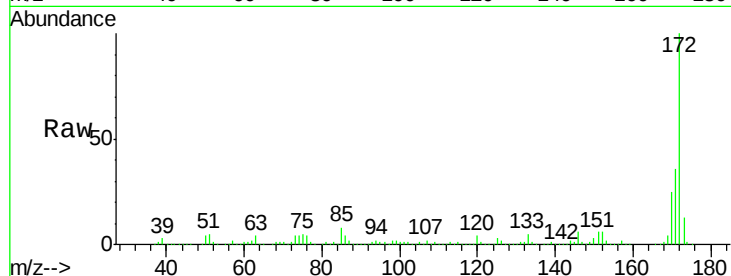




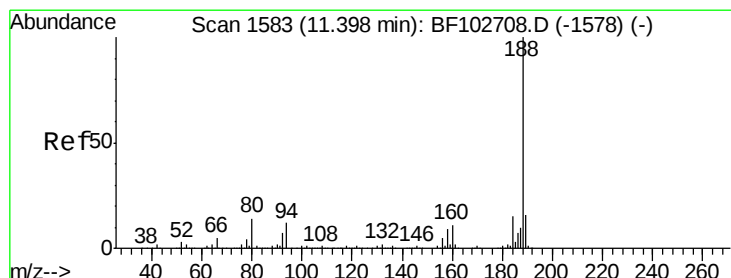
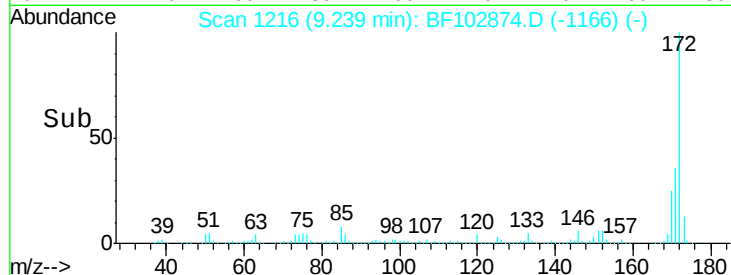
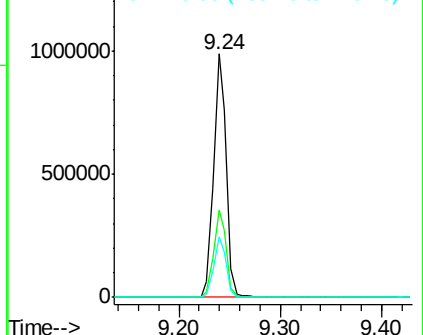
#44
 2-Fluorobiphenyl
 Concen: 55.739 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102874.D
 Acq: 9 Feb 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANKDL

Tgt Ion:172 Resp: 852067
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.8 19.6 29.4

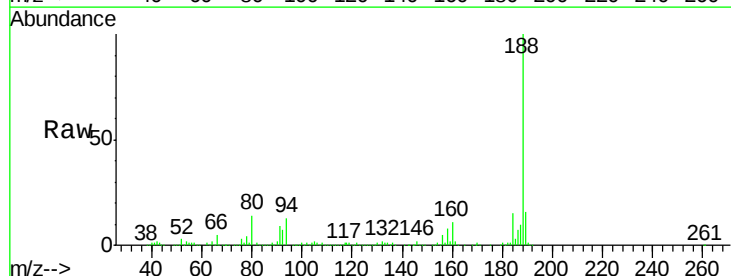


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

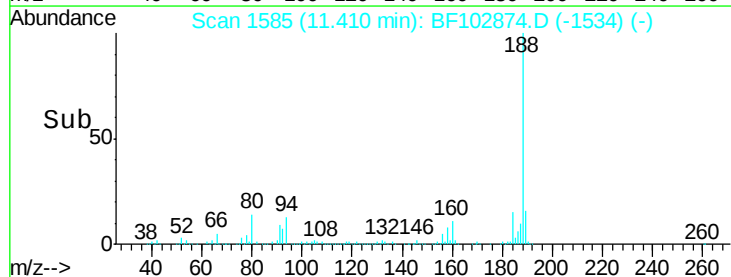
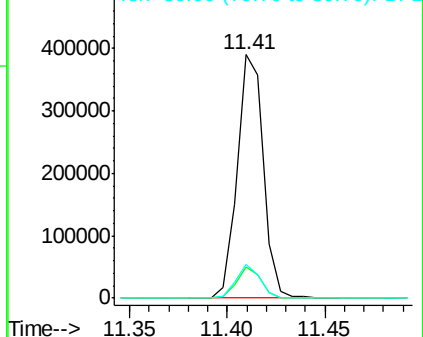


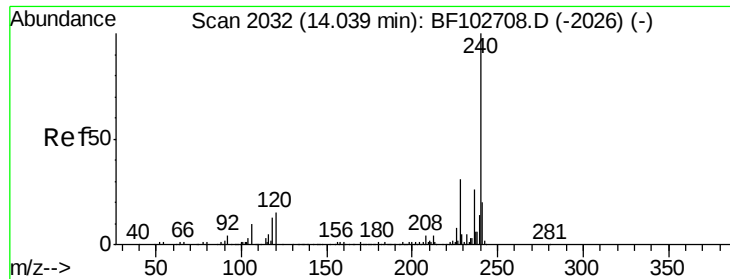
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF102874.D
 Acq: 9 Feb 2018 00:18

Tgt Ion:188 Resp: 361187
 Ion Ratio Lower Upper
 188 100
 94 12.7 8.5 12.7
 80 13.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

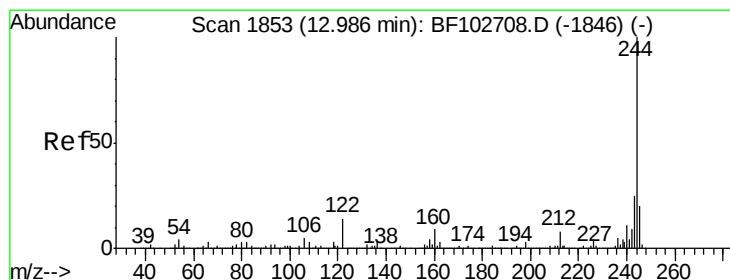
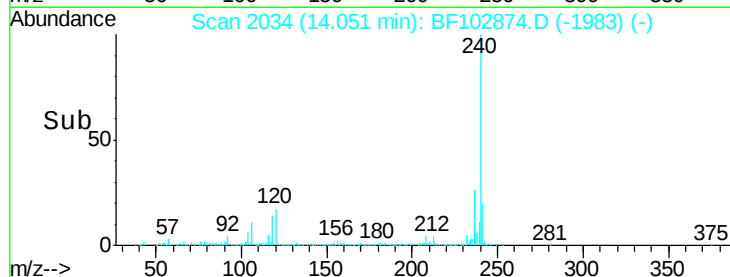
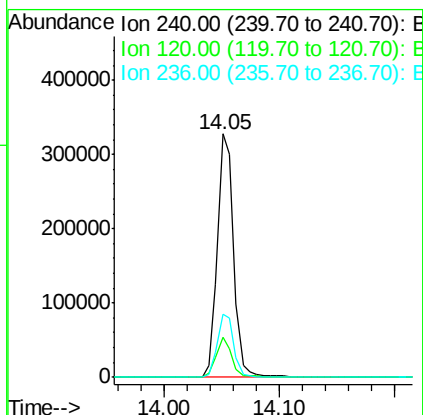
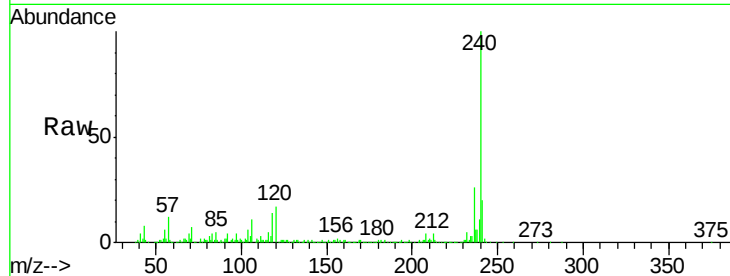




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102874.D
Acq: 9 Feb 2018 00:18

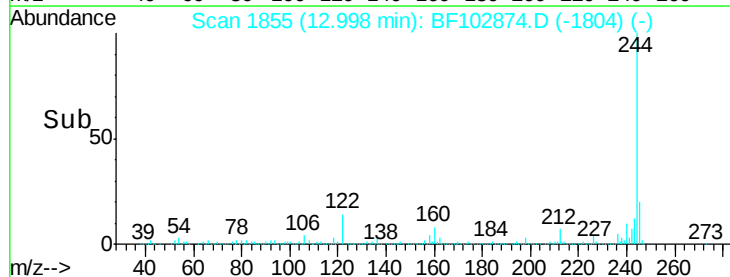
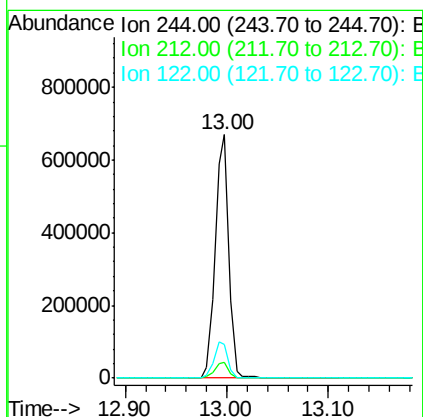
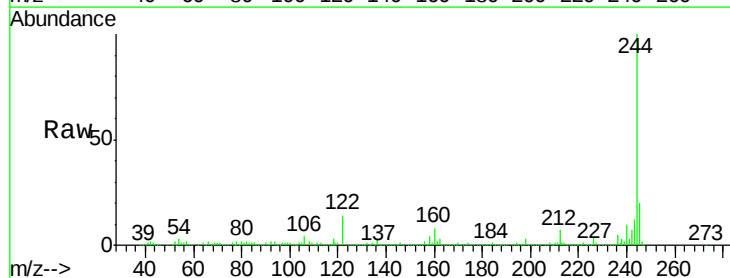
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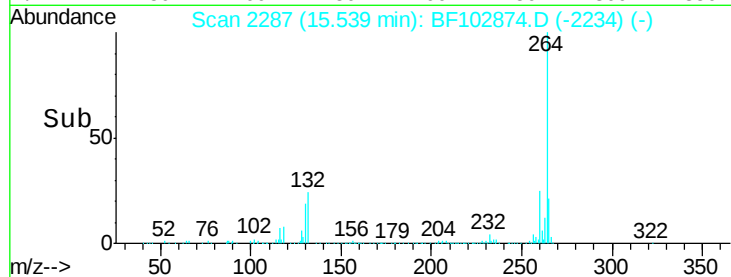
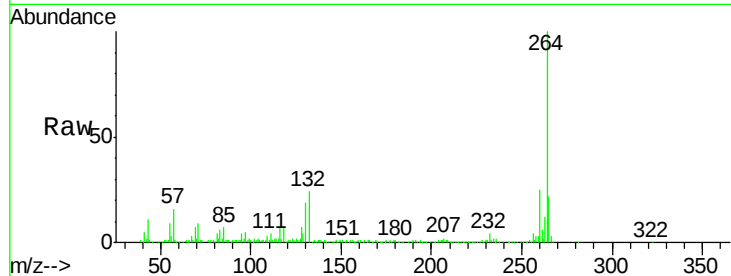
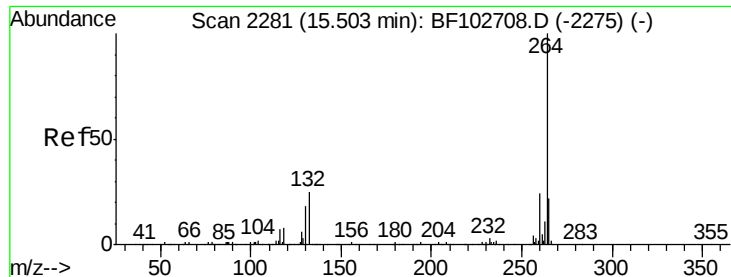
Tgt Ion:240 Resp: 321540
Ion Ratio Lower Upper
240 100
120 16.7 9.5 14.3#
236 26.0 20.7 31.1



#78
Terphenyl-d14
Concen: 45.823 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102874.D
Acq: 9 Feb 2018 00:18

Tgt Ion:244 Resp: 622269
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 13.7 11.0 16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102874.D
Acq: 9 Feb 2018 00:18

Instrument :
BNA_F
ClientSampleId :
FRAC-TANKDL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.5	17.5	26.3

