

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113499.D
 Acq On : 2 Apr 2019 10:53
 Operator : JU/SJ
 Sample : K2115-02DL2 100X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL2

Manual Integrations
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Quant Time: Apr 02 11:22:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	105883	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	403453	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	189768	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	339678	20.00	ng	0.00
76) Chrysene-d12	13.85	240	333432	20.00	ng	0.00
87) Perylene-d12	15.26	264	223880	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1695m	0.26	ng	0.06
7) Phenol-d6	6.42	99	1494	0.18	ng	0.06
23) Nitrobenzene-d5	7.29	82	4574	0.67	ng	0.02
42) 2,4,6-Tribromophenol	10.54	330	1812	0.77	ng	0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.80	244	12636	0.84	ng	0.00
Target Compounds						
31) Naphthalene	8.02	128	1799042	91.249	ng	100
37) 2-Methylnaphthalene	8.70	142	62600	5.089	ng	95
38) 1-Methylnaphthalene	8.80	142	60758	5.135	ng	97
52) Acenaphthene	9.77	154	24146	2.173	ng	98

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

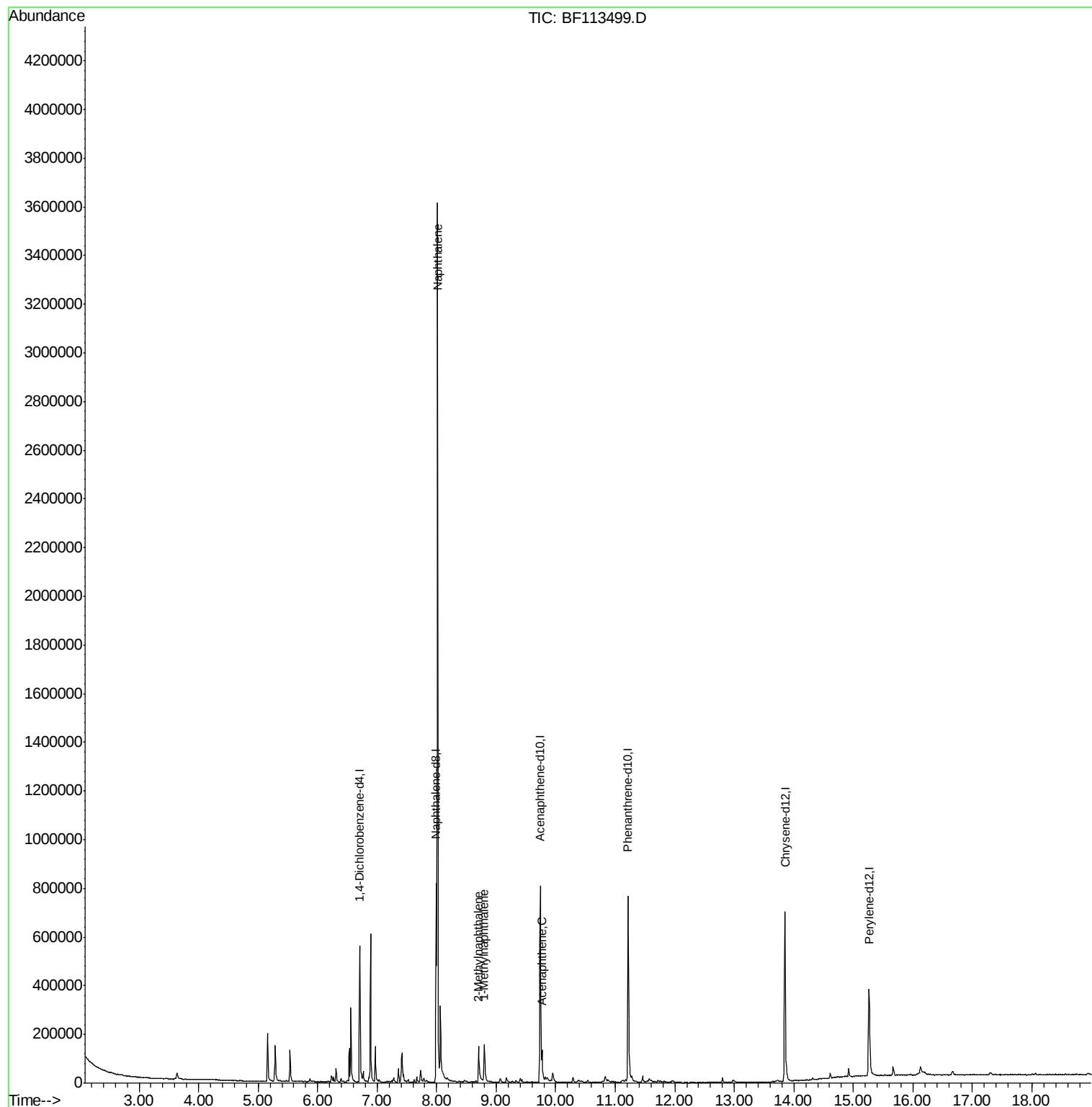
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
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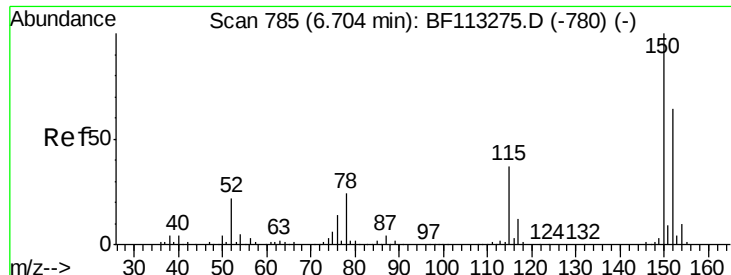
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

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Quant Time: Apr 02 11:22:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
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Response via : Initial Calibration





#1

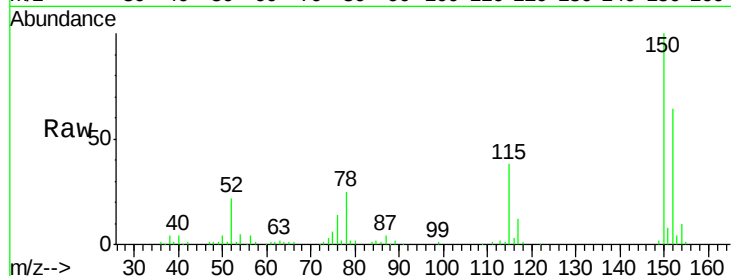
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113499.D
Acq: 2 Apr 2019 10:53

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

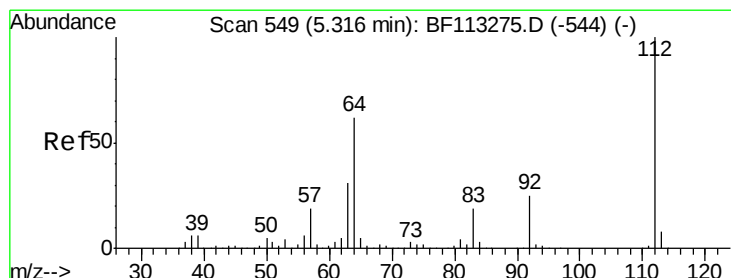
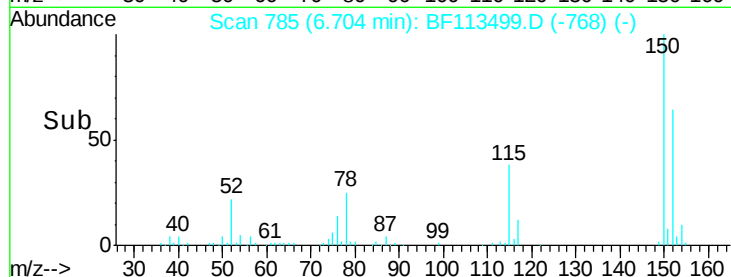
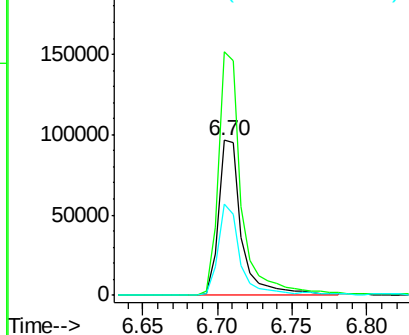
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.7	187.1
115	58.9	46.0	69.0

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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

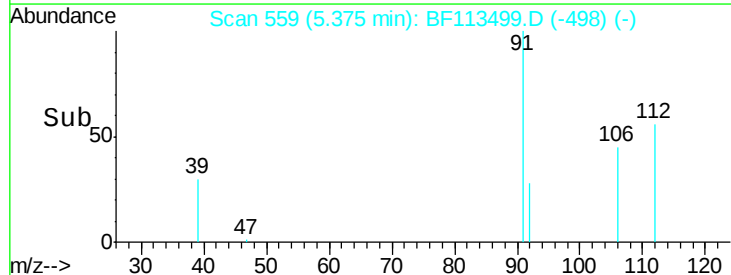
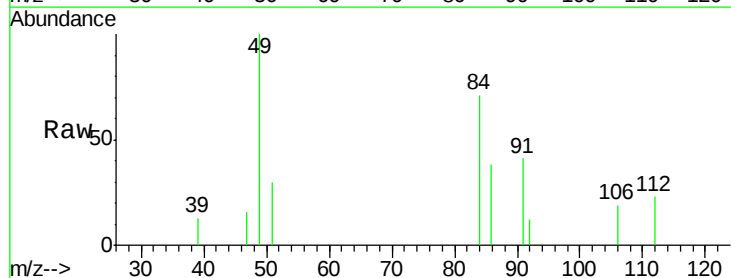
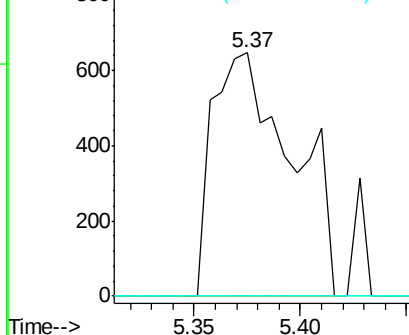


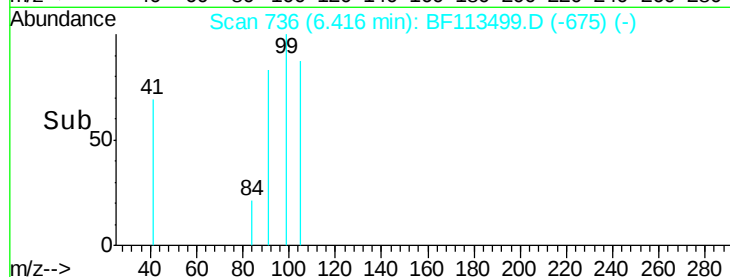
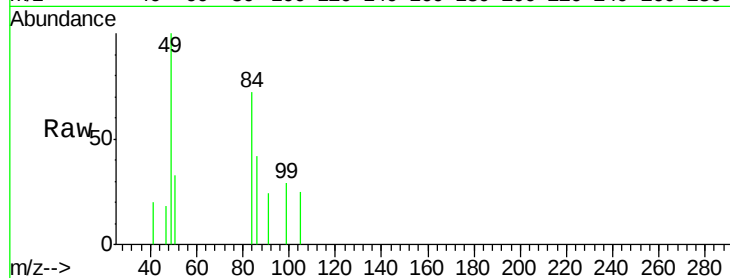
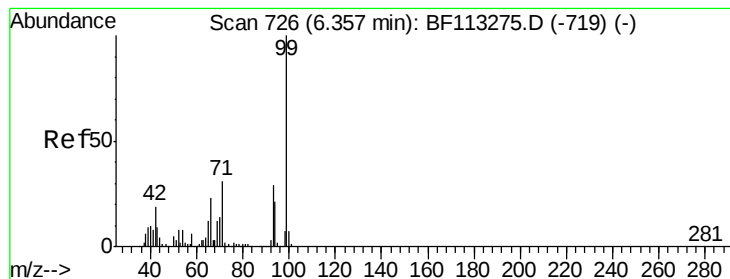
#5

2-Fluorophenol
Concen: 0.262 ng m
RT: 5.37 min Scan# 559
Delta R.T. 0.06 min
Lab File: BF113499.D
Acq: 2 Apr 2019 10:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	49.2	73.8#
63	0.0	24.9	37.3#

Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 0.182 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.06 min

Lab File: BF113499.D

Acq: 2 Apr 2019 10:53

Tgt Ion:	99	Resp:	1494
Ion Ratio	Lower	Upper	
99	100		
42	0.0	14.8	22.2#
71	0.0	24.9	37.3#

Instrument :

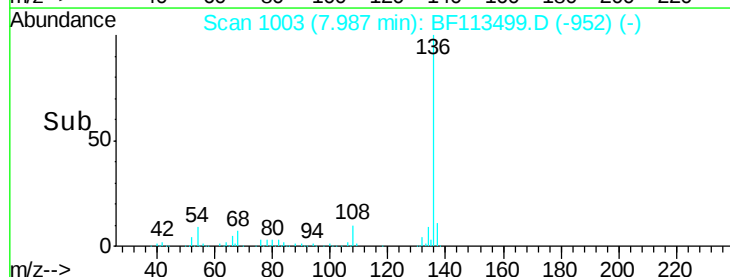
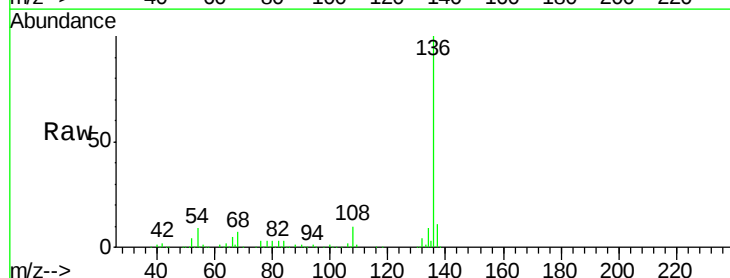
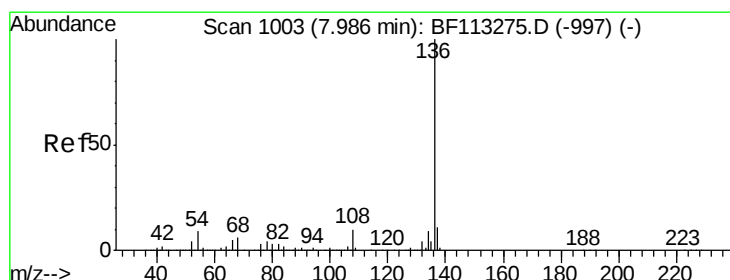
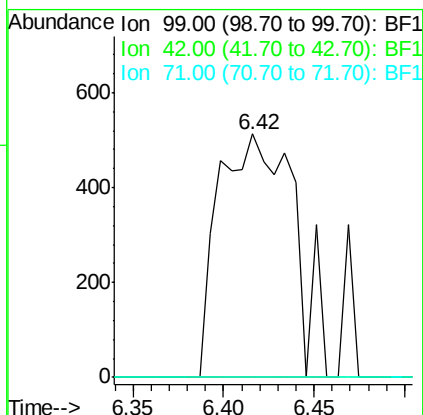
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ClientSampleId :

QNWP8-MW30D-GWDL2

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#21

Naphthalene-d8

Concen: 20.000 ng

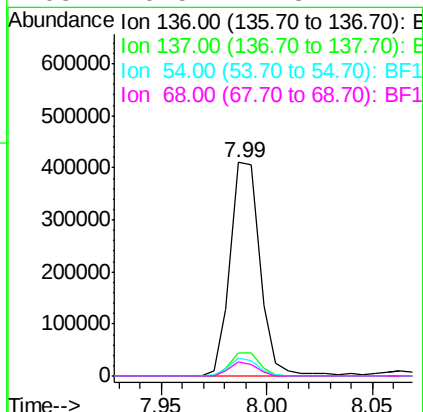
RT: 7.99 min Scan# 1003

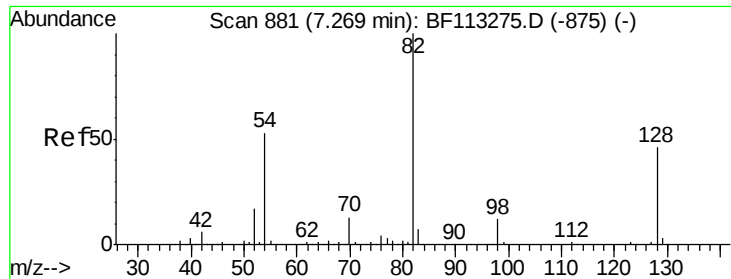
Delta R.T. 0.00 min

Lab File: BF113499.D

Acq: 2 Apr 2019 10:53

Tgt Ion:	136	Resp:	403453
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.7	7.0	10.6
68	6.5	4.8	7.2





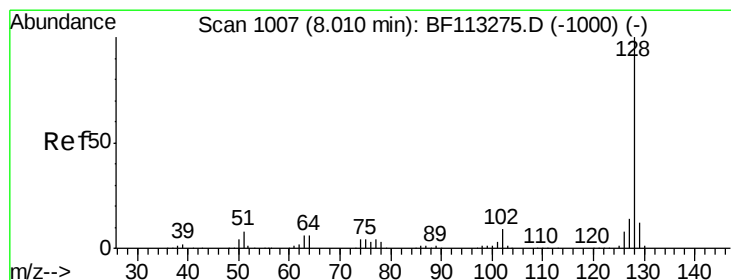
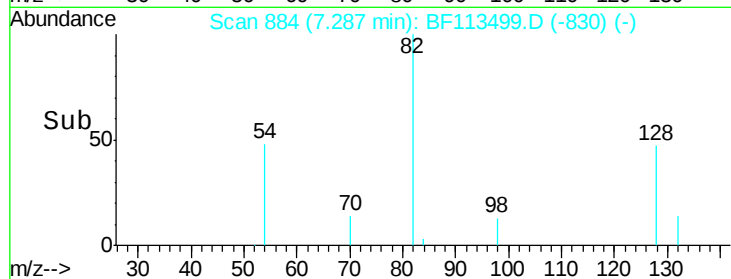
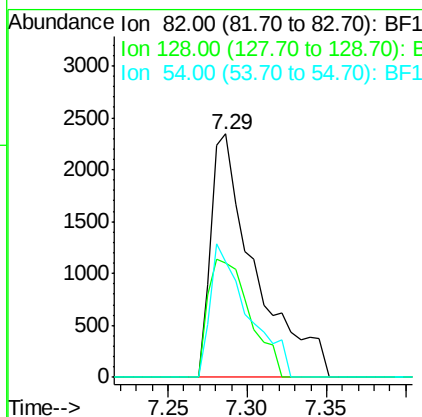
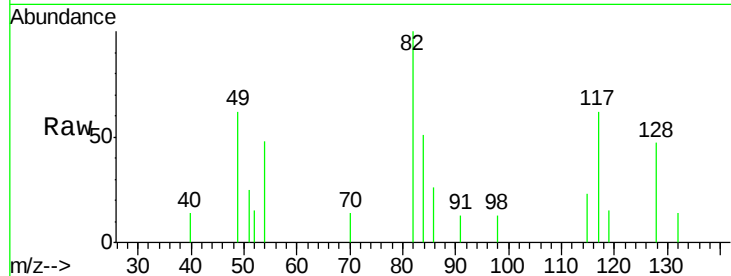
#23
 Nitrobenzene-d5
 Concen: 0.673 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.02 min
 Lab File: BF113499.D
 Acq: 2 Apr 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL2

Tgt Ion: 82 Resp: 4574
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.5 54.7
 54 47.5 42.2 63.2

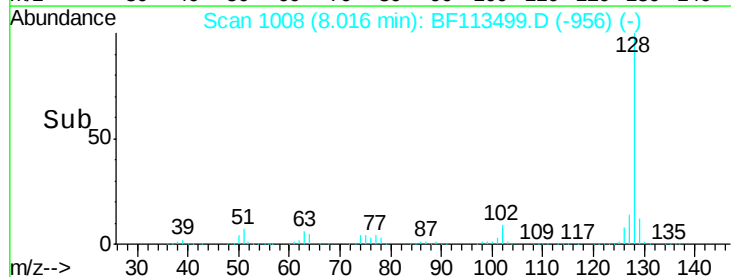
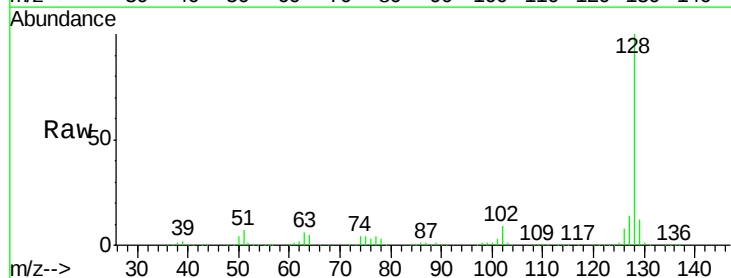
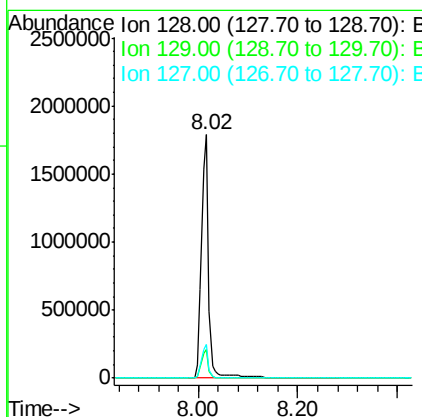
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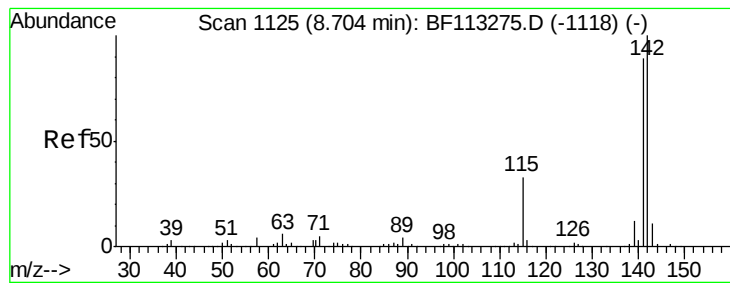
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#31
 Naphthalene
 Concen: 91.249 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF113499.D
 Acq: 2 Apr 2019 10:53

Tgt Ion: 128 Resp: 1799042
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.3 13.9
 127 13.8 10.9 16.3





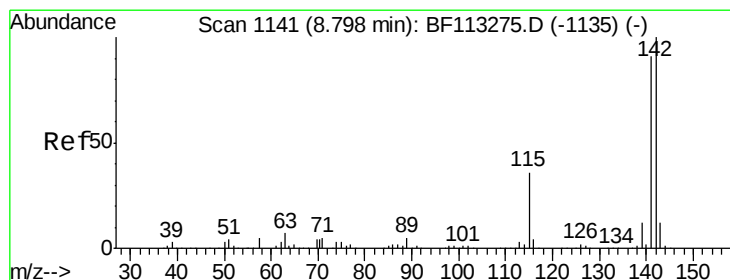
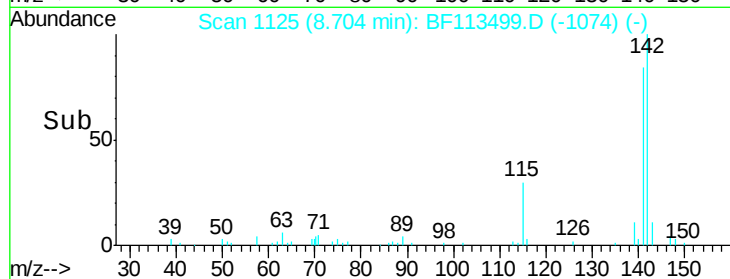
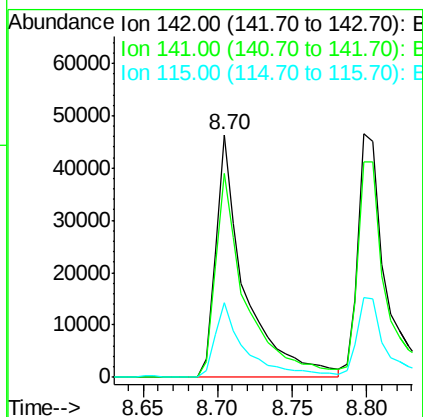
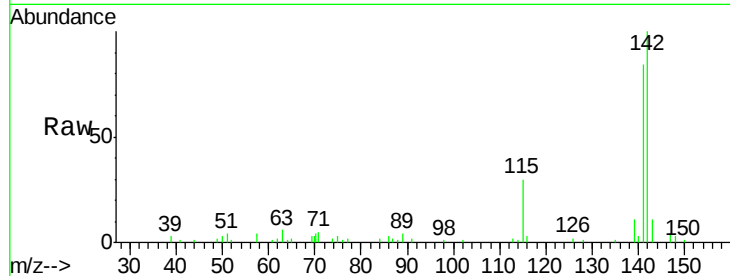
#37
2-Methylnaphthalene
Concen: 5.089 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF113499.D
Acq: 2 Apr 2019 10:53

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.0	71.0	106.6
115	30.5	26.6	39.8

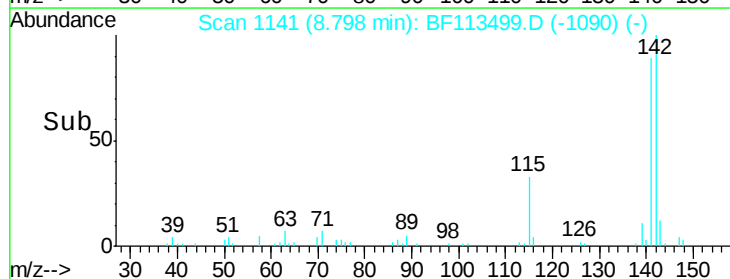
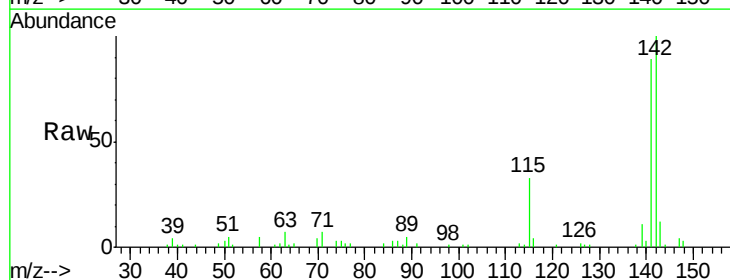
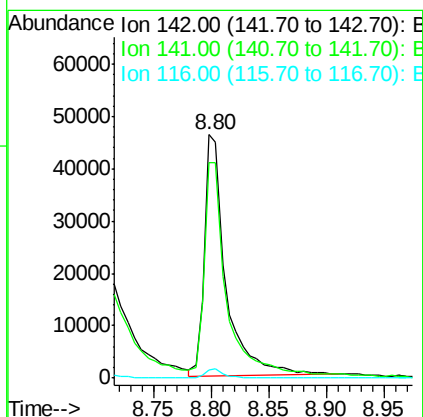
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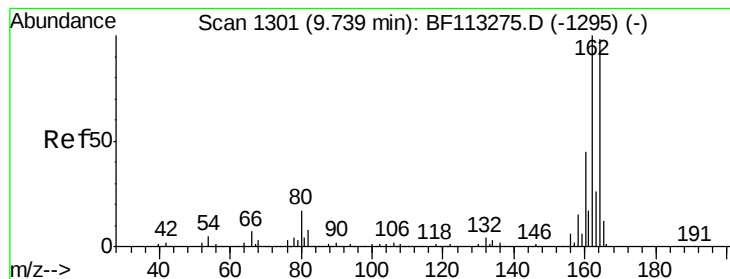
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#38
1-Methylnaphthalene
Concen: 5.135 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF113499.D
Acq: 2 Apr 2019 10:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	73.2	109.8
116	3.5	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF113499.D

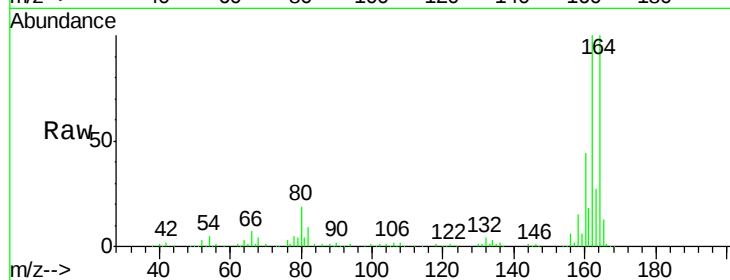
Acq: 2 Apr 2019 10:53

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30D-GWDL2



Tgt Ion:164 Resp: 189768

Ion Ratio Lower Upper

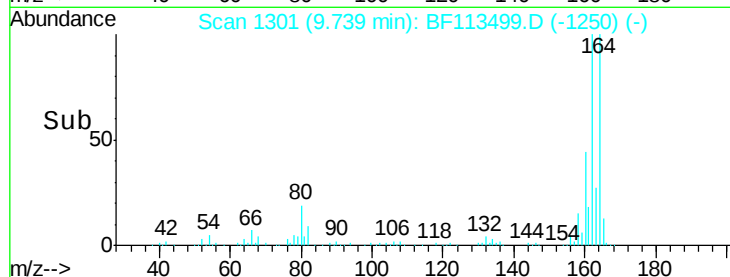
164 100

162 100.4 81.8 122.6

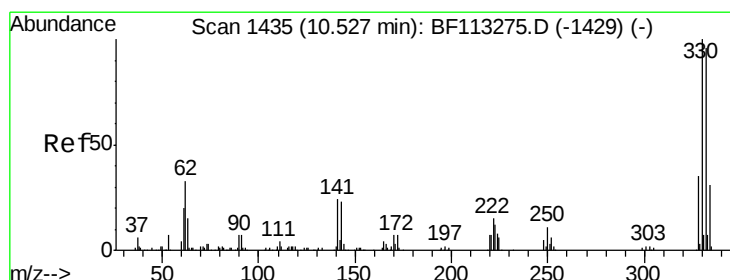
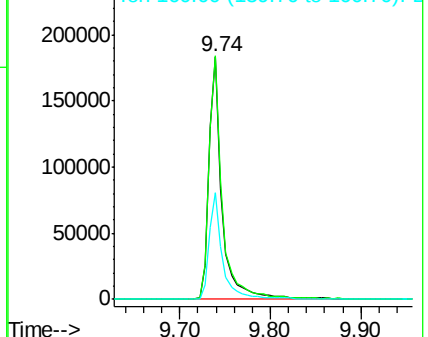
160 44.3 36.4 54.6

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Abundance Ion 164.00 (163.70 to 164.70): E
250000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 0.773 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF113499.D

Acq: 2 Apr 2019 10:53

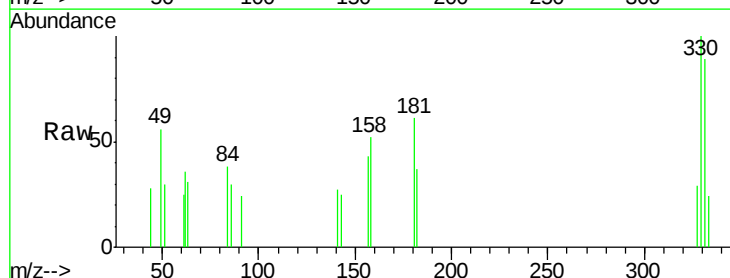
Tgt Ion:330 Resp: 1812

Ion Ratio Lower Upper

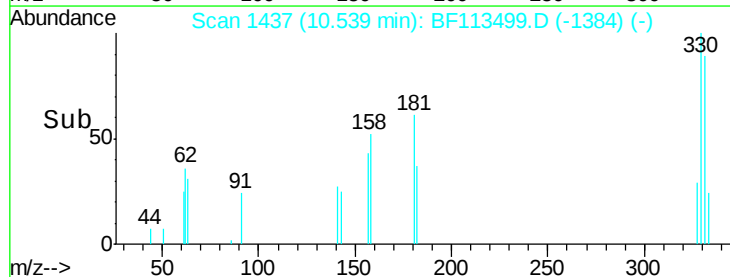
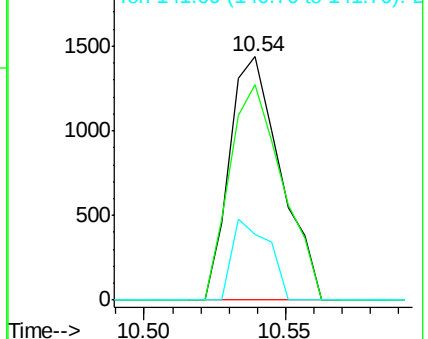
330 100

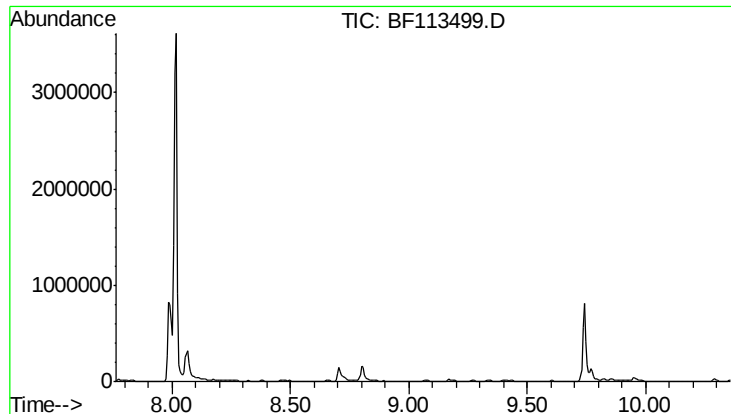
332 91.7 77.8 116.6

141 23.7 22.7 34.1



Abundance Ion 329.80 (329.50 to 330.50): E
2000
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





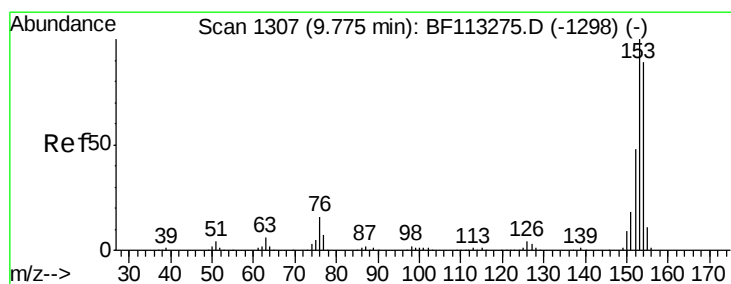
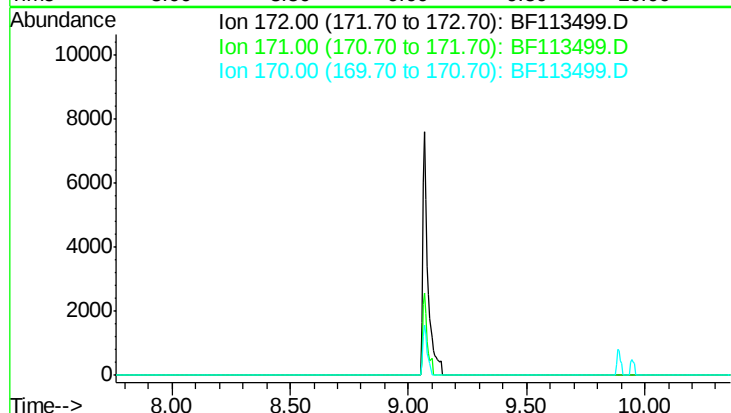
#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.06 min
 Lab File: BF113499.D
 Acq: 2 Apr 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL2

Tgt Ion	Exp Ratio
172	100
171	36.3
170	24.4

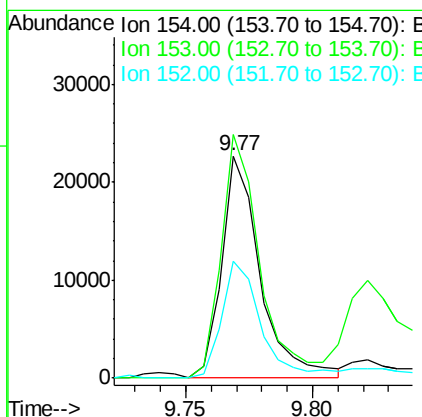
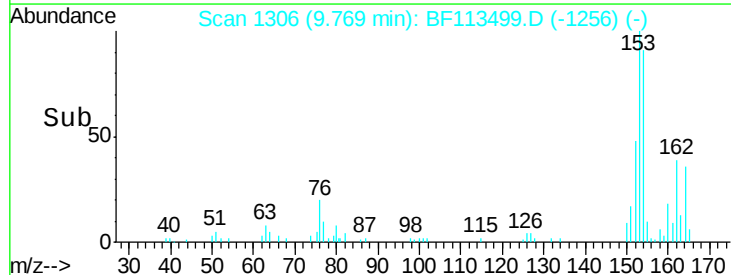
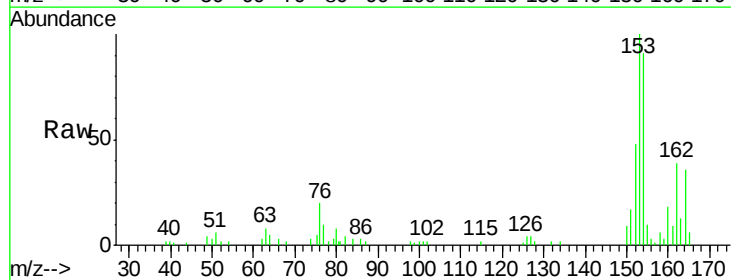
Manual Integrations
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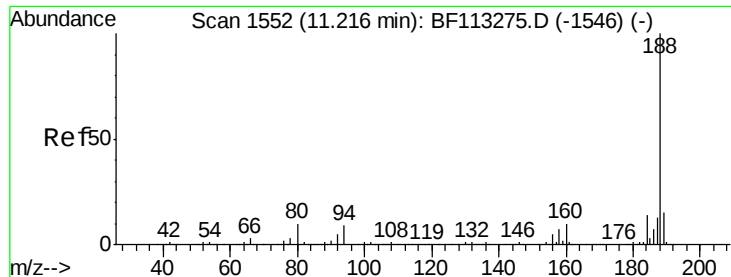
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#52
 Acenaphthene
 Concen: 2.173 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF113499.D
 Acq: 2 Apr 2019 10:53

Tgt Ion	Resp	Lower	Upper
154	100		
153	109.5	89.5	134.3
152	52.6	43.3	64.9





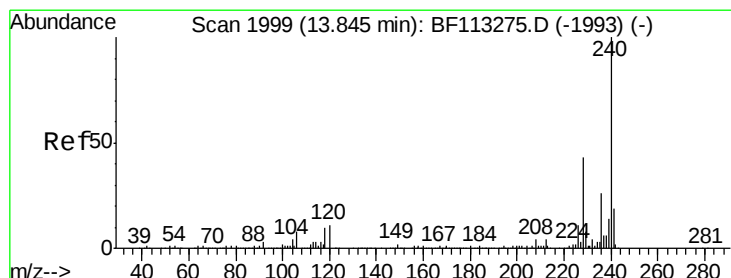
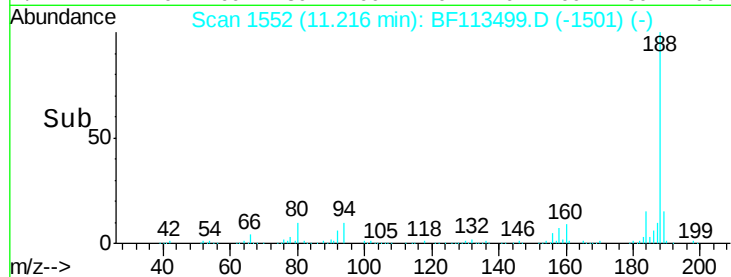
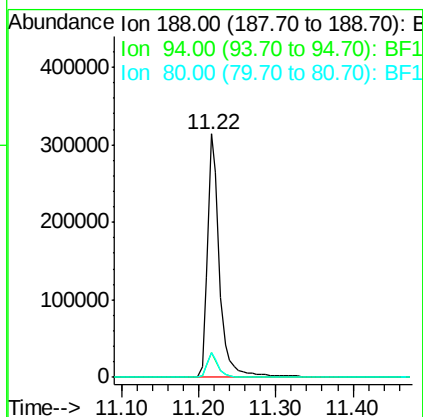
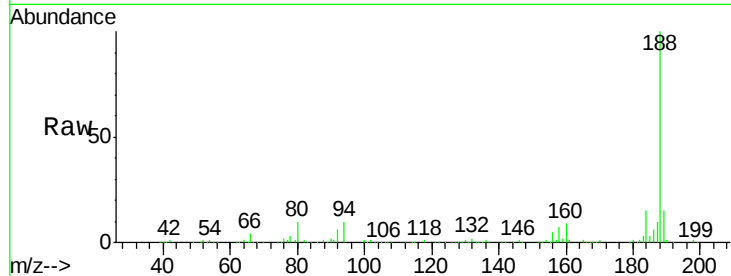
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113499.D
Acq: 2 Apr 2019 10:53

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	339678		
94	9.9	7.0	10.6	
80	10.0	7.7	11.5	

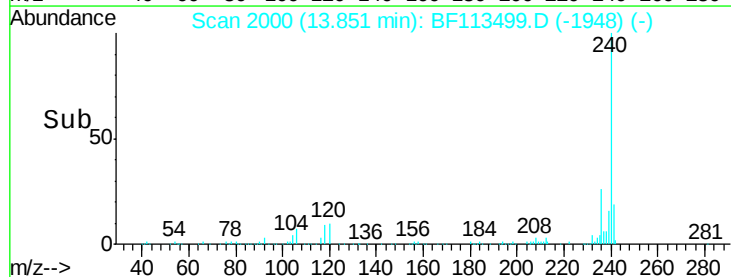
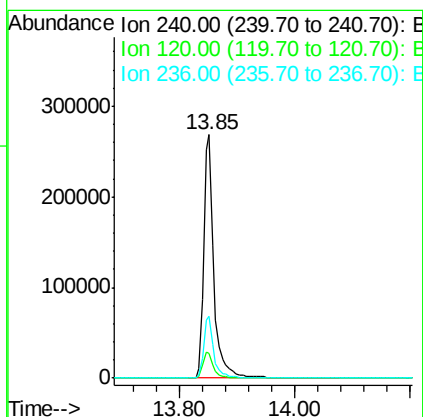
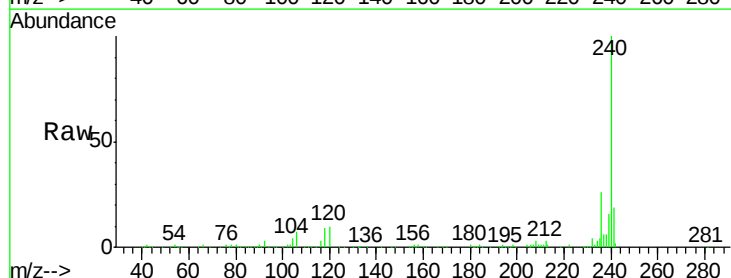
Manual Integrations
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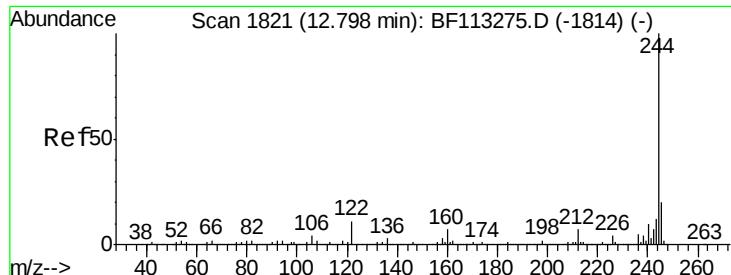
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF113499.D
Acq: 2 Apr 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	333432		
120	10.3	8.8	13.2	
236	25.6	20.9	31.3	





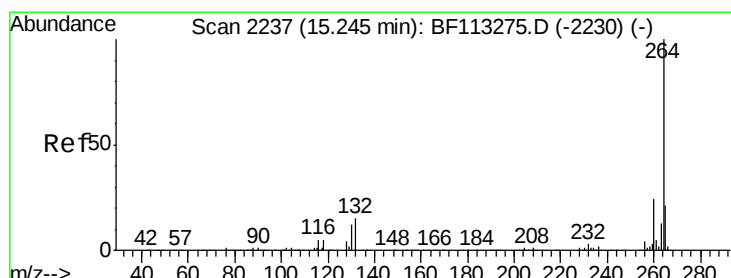
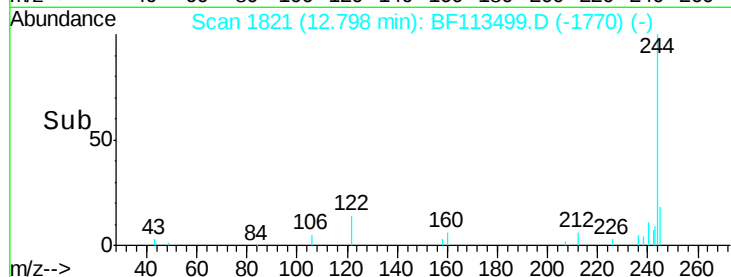
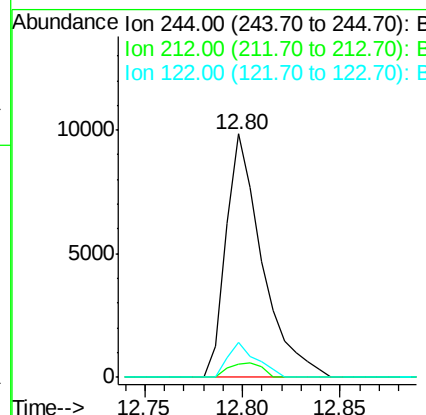
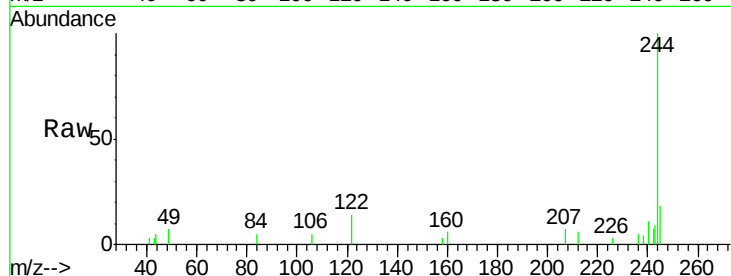
#79
 Terphenyl-d14
 Concen: 0.835 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF113499.D
 Acq: 2 Apr 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL2

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.7	5.5	8.3
122	14.4	8.6	13.0

Manual Integrations
 APPROVED

Sohil
 4/2/2019 3:50:07 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. 0.02 min
 Lab File: BF113499.D
 Acq: 2 Apr 2019 10:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	19.7	17.1	25.7

