

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
 Data File : BF110899.D
 Acq On : 20 Nov 2018 17:28
 Operator : JU/SJ
 Sample : J5996-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-01R

Manual Integrations
 APPROVED

Sohil
 11/21/2018 3:17:55 PM

Quant Time: Nov 21 04:30:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	59268	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	240329	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	115283	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	201876	20.00	ng	0.00
76) Chrysene-d12	14.13	240	138218	20.00	ng	0.00
87) Perylene-d12	15.67	264	121494	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	90798	24.88	ng	0.01
7) Phenol-d6	6.58	99	120728	25.87	ng	0.00
23) Nitrobenzene-d5	7.51	82	315906	75.70	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	117966	101.55	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	591928	73.33	ng	0.00
79) Terphenyl-d14	13.06	244	497241	67.37	ng	-0.01
Target Compounds						
31) Naphthalene	8.25	128	1526184	135.274	ng	99
37) 2-Methylnaphthalene	8.94	142	281889	38.114	ng	99
38) 1-Methylnaphthalene	9.03	142	138131m	19.420	ng	

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

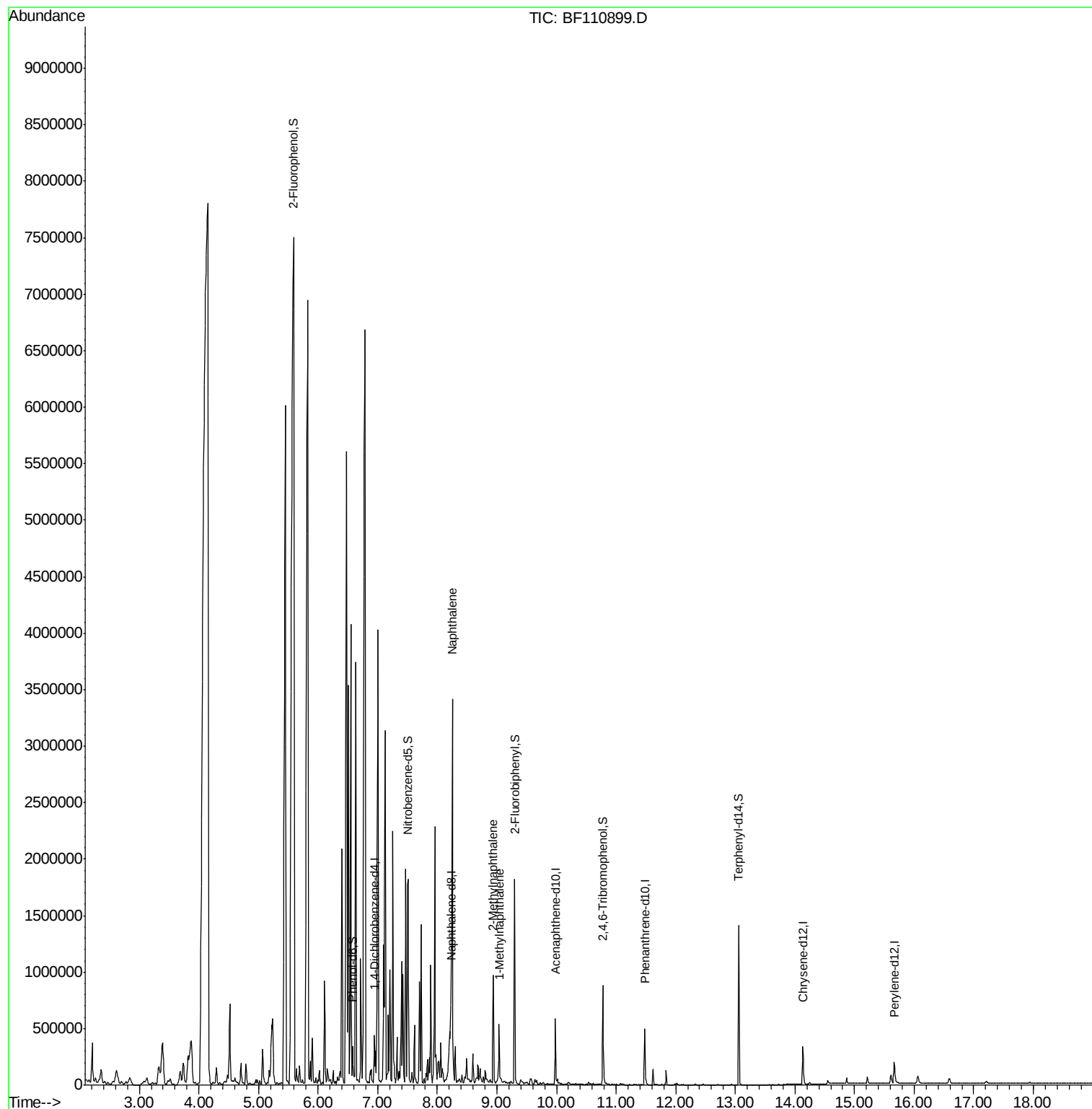
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110899.D
Acq On : 20 Nov 2018 17:28
Operator : JU/SJ
Sample : J5996-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration





#1

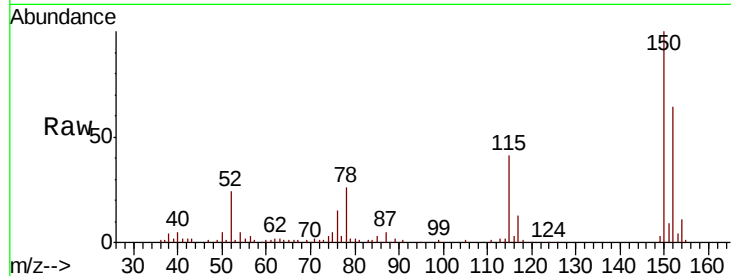
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110899.D
Acq: 20 Nov 2018 17:28

Instrument :
BNA_F
ClientSampled :
AOC2-01R

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	122.7	184.1
115	63.8	49.1	73.7

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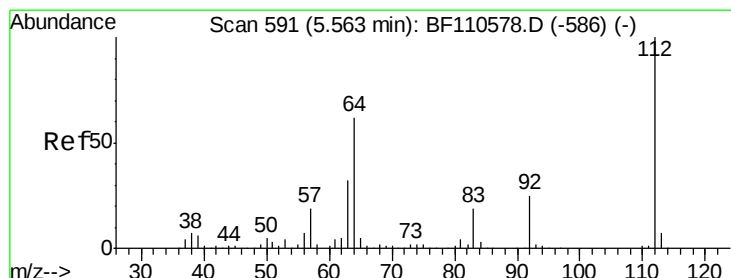
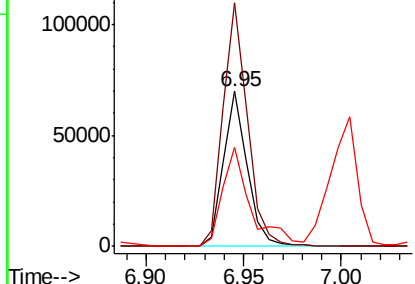
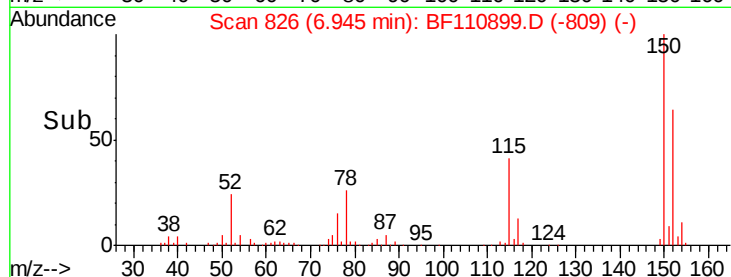


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

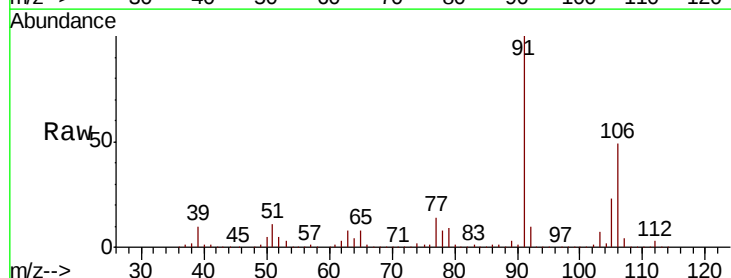
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 24.884 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110899.D
Acq: 20 Nov 2018 17:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	105.6	44.1	66.1#
63	242.8	23.7	35.5#

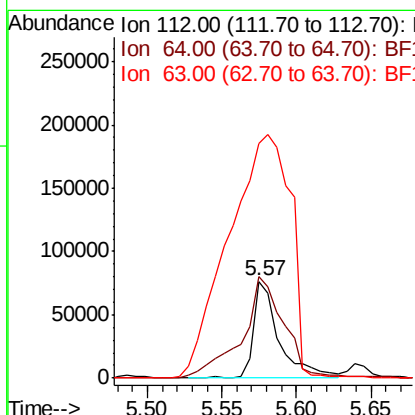
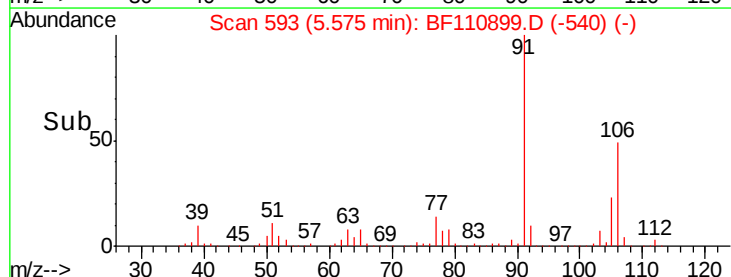


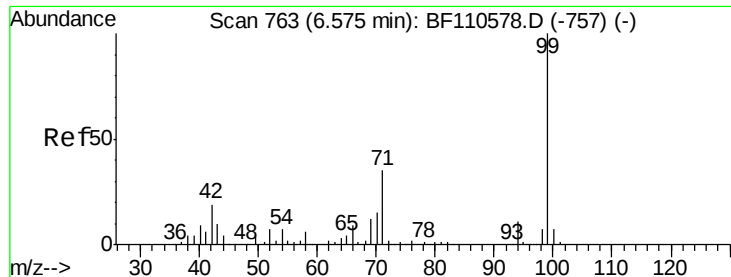
Abundance

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: 25.874 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF110899.D

Acq: 20 Nov 2018 17:28

Instrument :

BNA_F

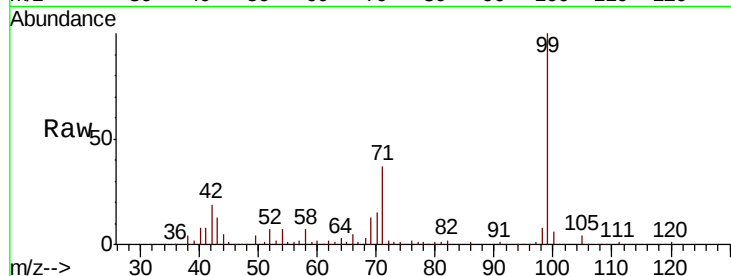
ClientSampled :

AOC2-01R

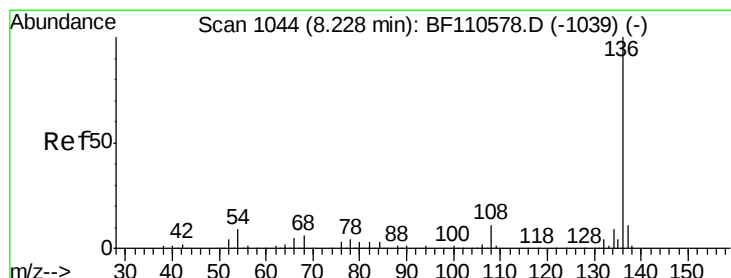
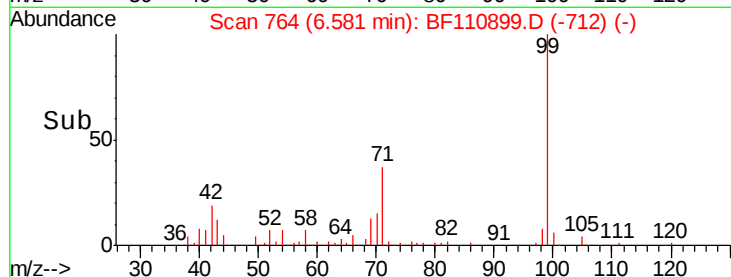
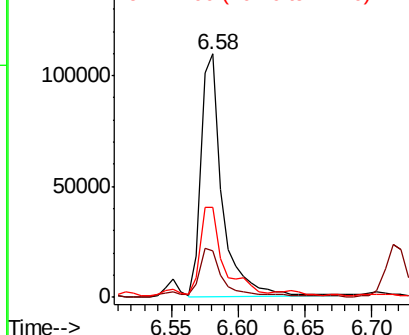
Tot Ion:	99	Resp:	120728
Ion Ratio	Lower	Upper	
99	100		
42	19.2	15.8	23.6
71	36.8	28.0	42.0

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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: 8.22 min Scan# 1043

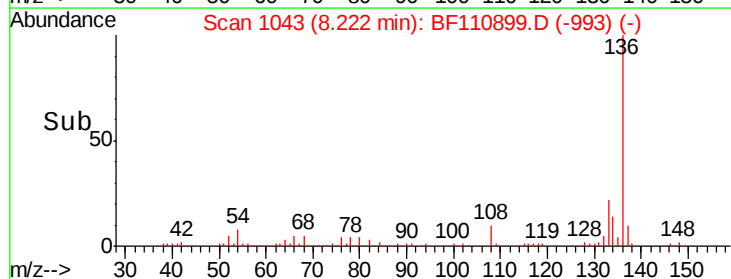
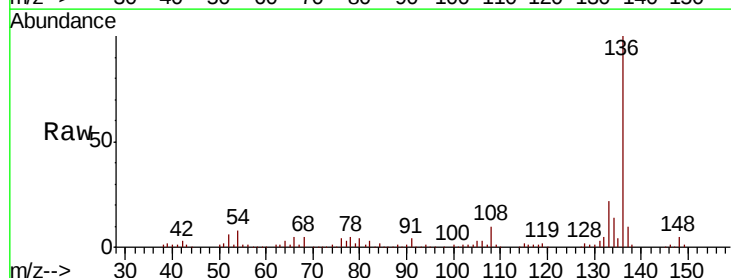
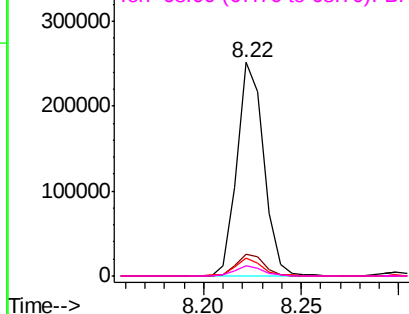
Delta R.T. -0.01 min

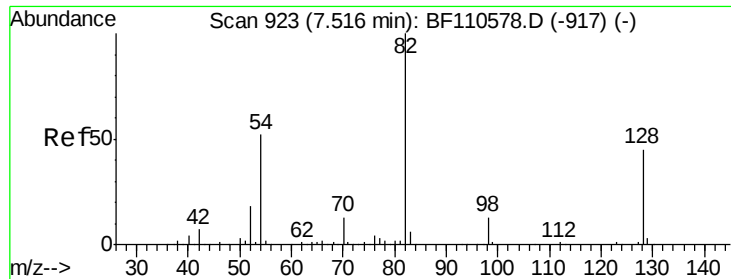
Lab File: BF110899.D

Acq: 20 Nov 2018 17:28

Tgt Ion:	136	Resp:	240329
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.8	13.2
54	8.3	5.4	8.2#
68	4.7	4.2	6.2

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





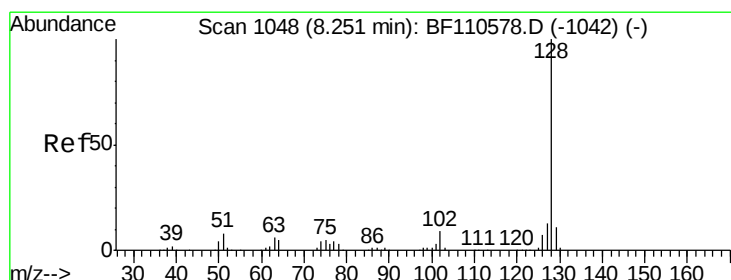
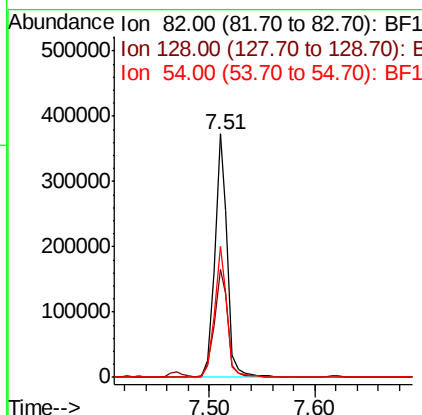
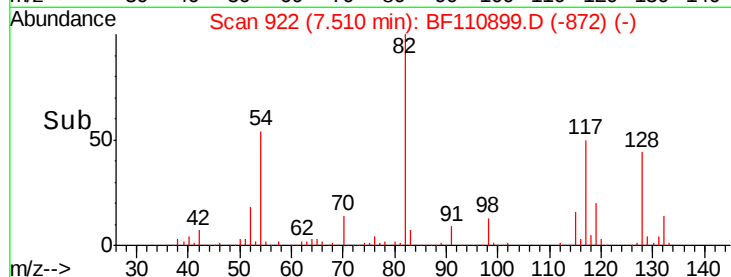
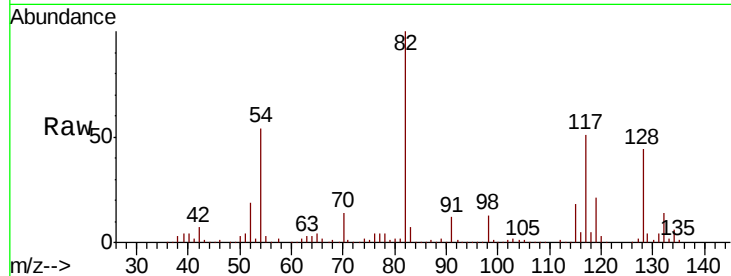
#23
 Nitrobenzene-d5
 Concen: 75.700 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110899.D
 Acq: 20 Nov 2018 17:28

Instrument :
 BNA_F
 ClientSampled :
 AOC2-01R

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.2	51.2
54	54.1	38.6	58.0

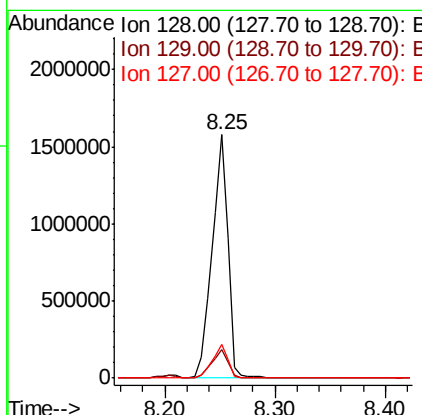
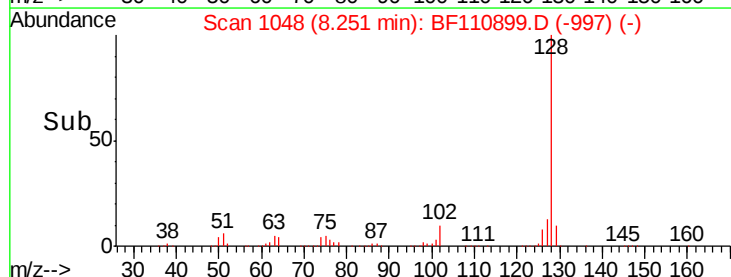
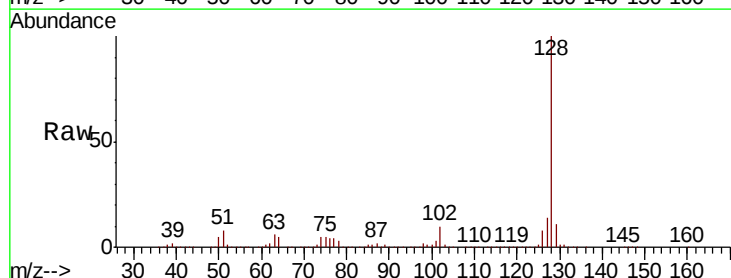
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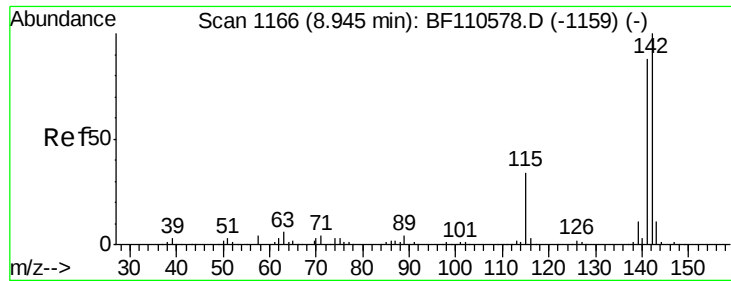
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#31
 Naphthalene
 Concen: 135.274 ng
 RT: 8.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BF110899.D
 Acq: 20 Nov 2018 17:28

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.9	10.8	16.2





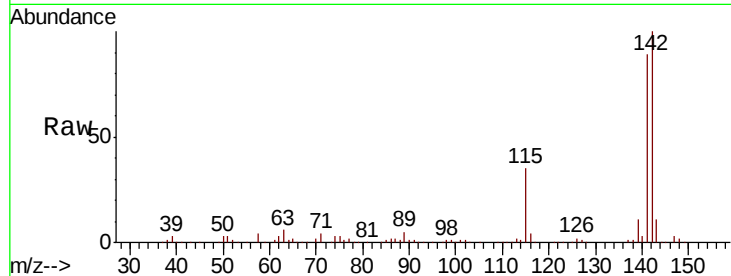
#37
2-Methylnaphthalene
Concen: 38.114 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110899.D
Acq: 20 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
AOC2-01R

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	34.6	28.7	43.1

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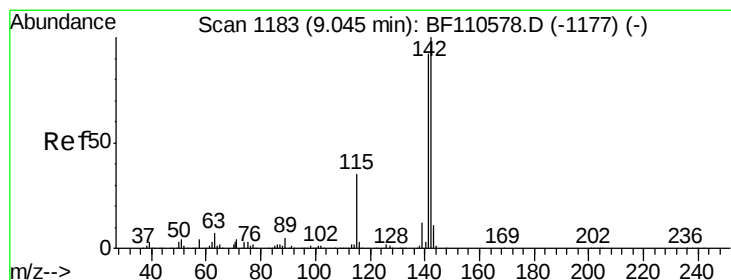
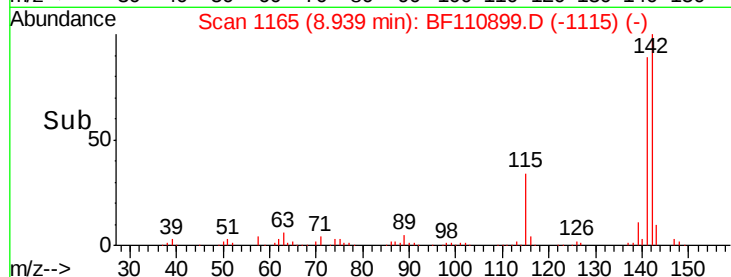
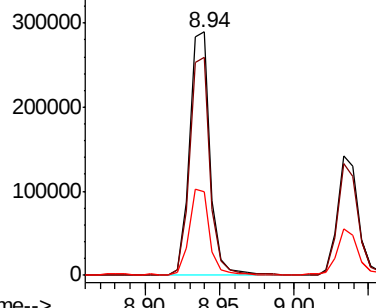


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 19.420 ng m
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF110899.D
Acq: 20 Nov 2018 17:28

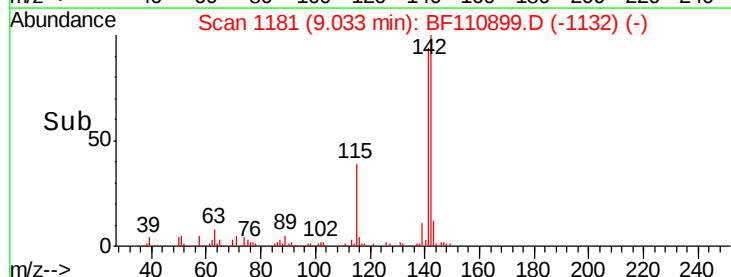
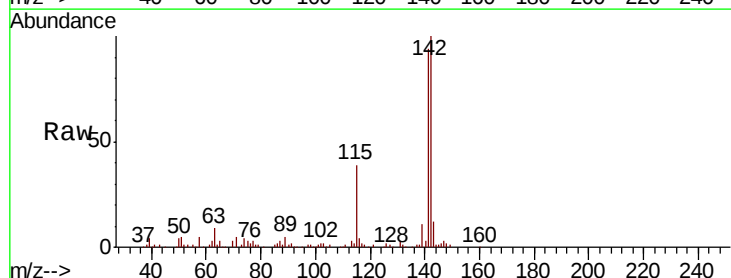
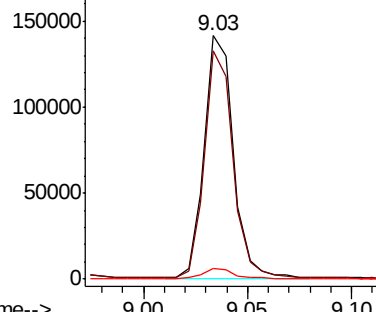
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.2	111.4
116	4.3	2.6	4.0#

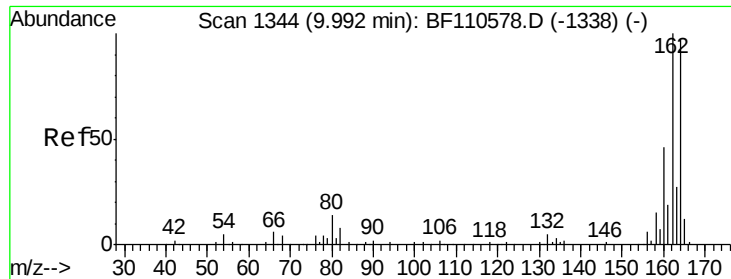
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





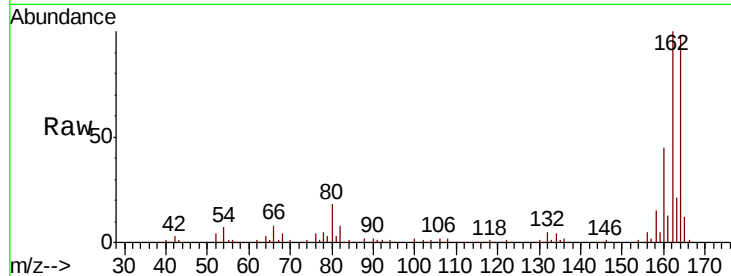
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110899.D
Acq: 20 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
AOC2-01R

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.0	124.6
160	46.2	37.0	55.6

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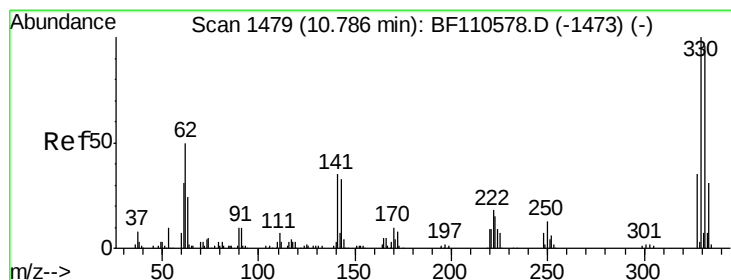
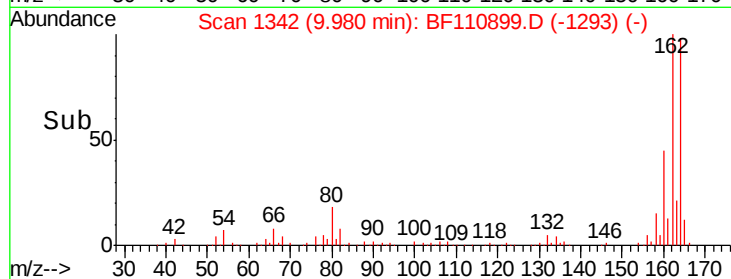
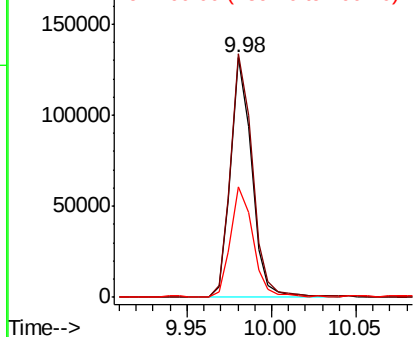


Abundance

Ion 164.00 (163.70 to 164.70): E

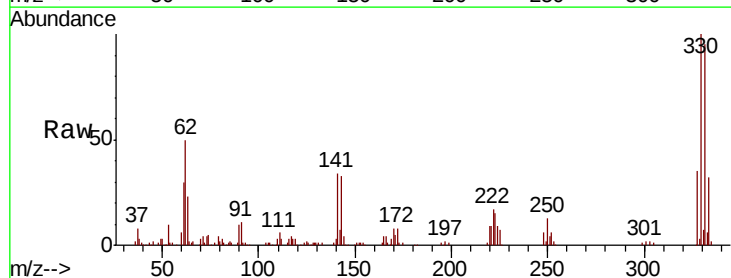
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 101.553 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110899.D
Acq: 20 Nov 2018 17:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.1	115.7
141	39.2	27.0	40.4

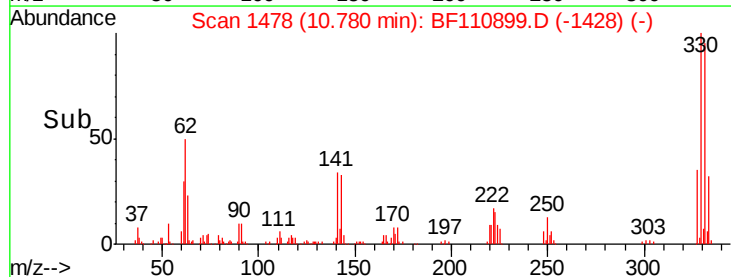
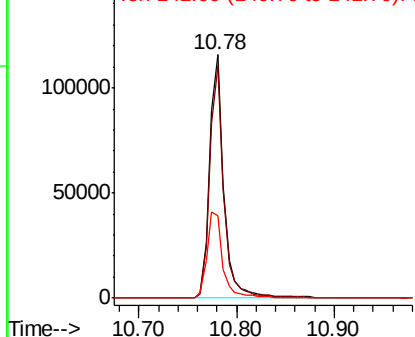


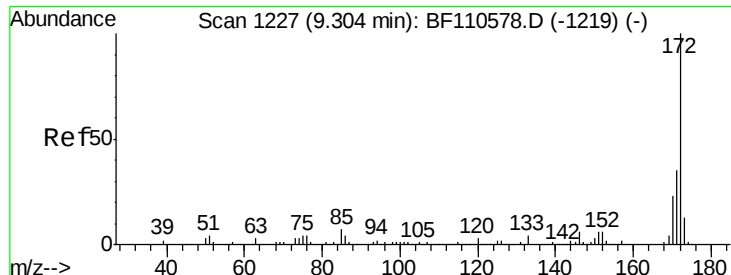
Abundance

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





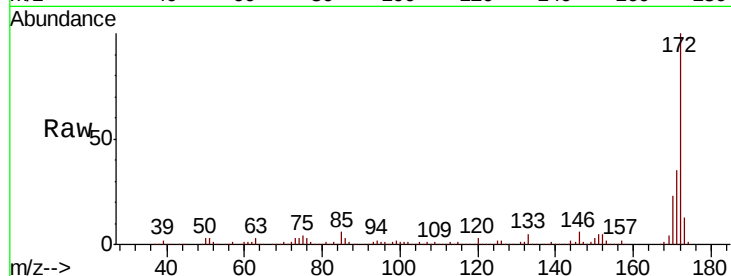
#45
2-Fluorobiphenyl
Concen: 73.331 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110899.D
Acq: 20 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
AOC2-01R

Tot Ion	Ratio	Resp	Lower	Upper
172	100	591928		
171	35.3		28.6	43.0
170	23.4		19.7	29.5

Manual Integrations
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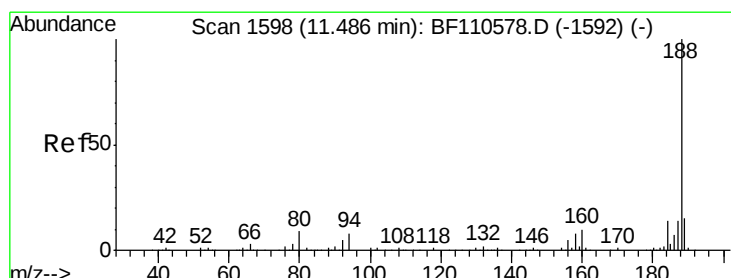
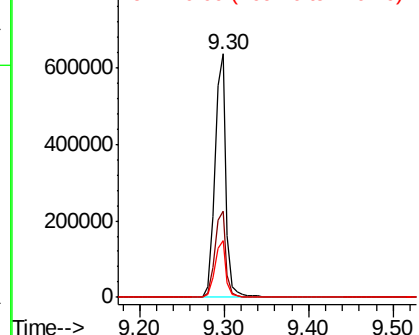
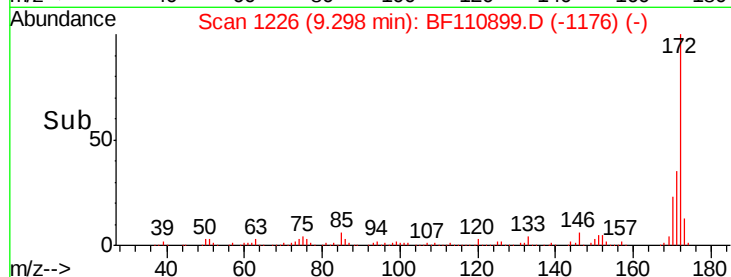


Abundance

Ion 172.00 (171.70 to 172.70): E

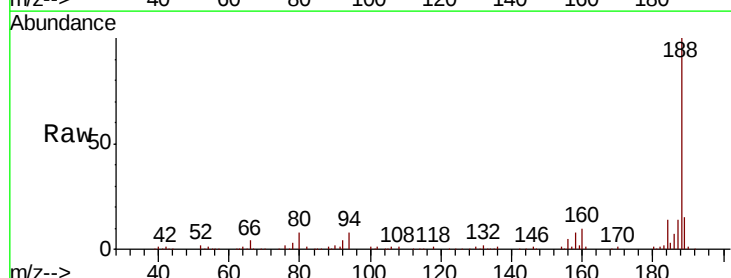
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110899.D
Acq: 20 Nov 2018 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	201876		
94	8.2		7.2	10.8
80	8.0		7.9	11.9

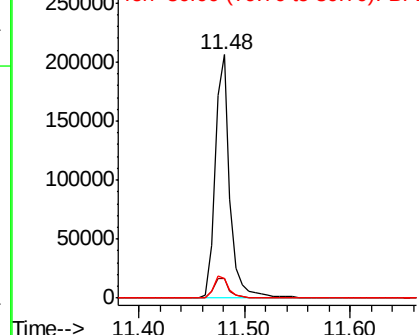
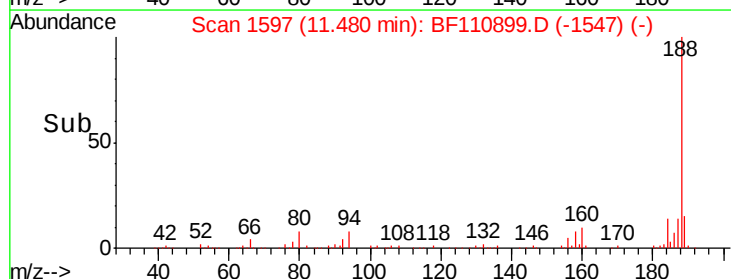


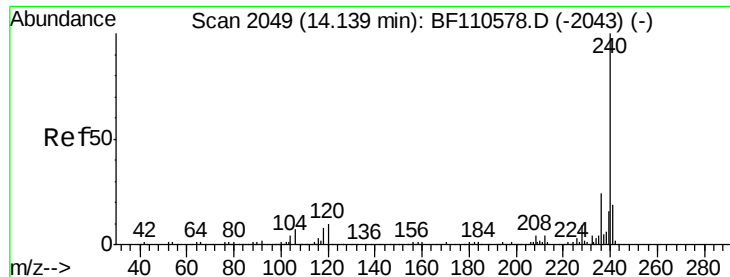
Abundance

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





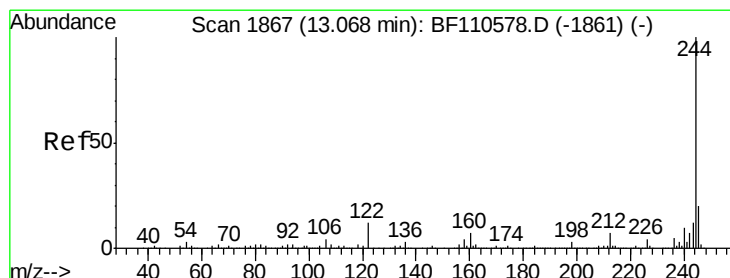
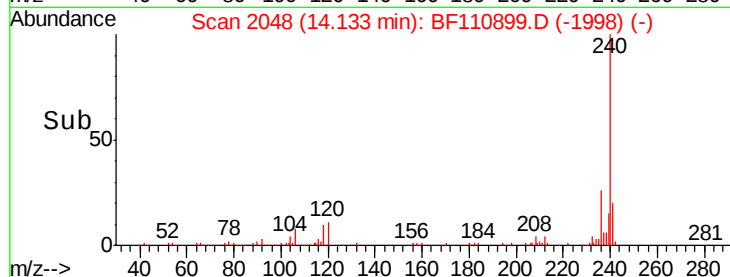
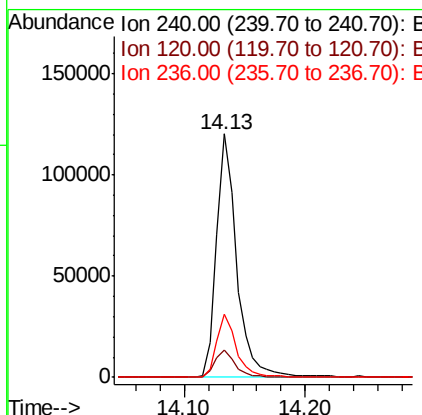
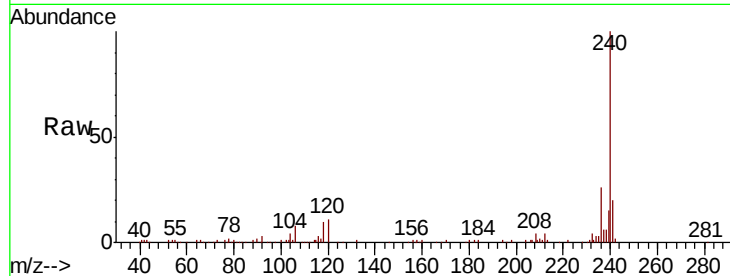
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110899.D
Acq: 20 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
AOC2-01R

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	25.9	21.2	31.8

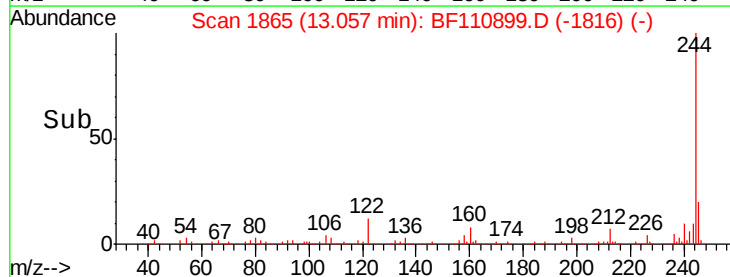
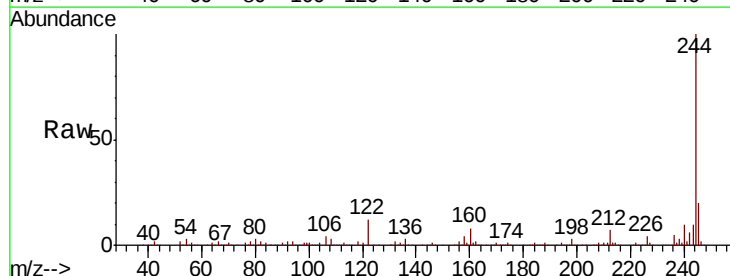
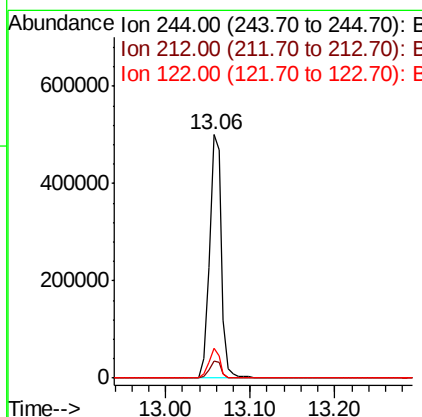
Manual Integrations
APPROVED

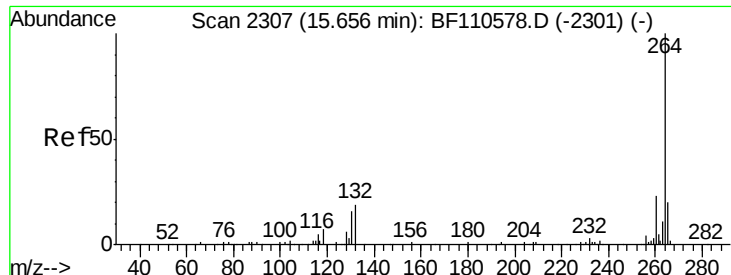
Sohil
11/21/2018 3:17:55 PM



#79
Terphenyl-d14
Concen: 67.373 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110899.D
Acq: 20 Nov 2018 17:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.5	8.7	13.1





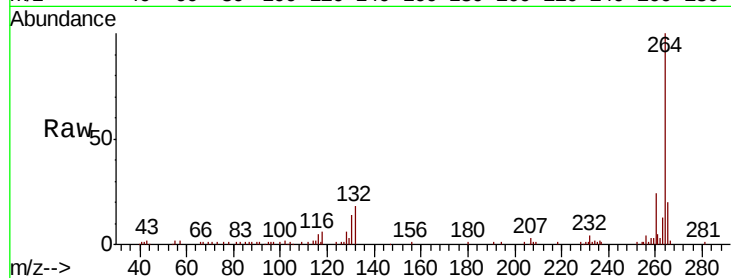
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: BF110899.D
 Acq: 20 Nov 2018 17:28

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-01R

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	20.3	16.7	25.1

Manual Integrations
 APPROVED

Sohil
 11/21/2018 3:17:55 PM



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

