

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
 Data File : BF112588.D
 Acq On : 15 Feb 2019 19:37
 Operator : JU/SJ
 Sample : K1346-09 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-021419-B

Quant Time: Feb 16 00:05:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

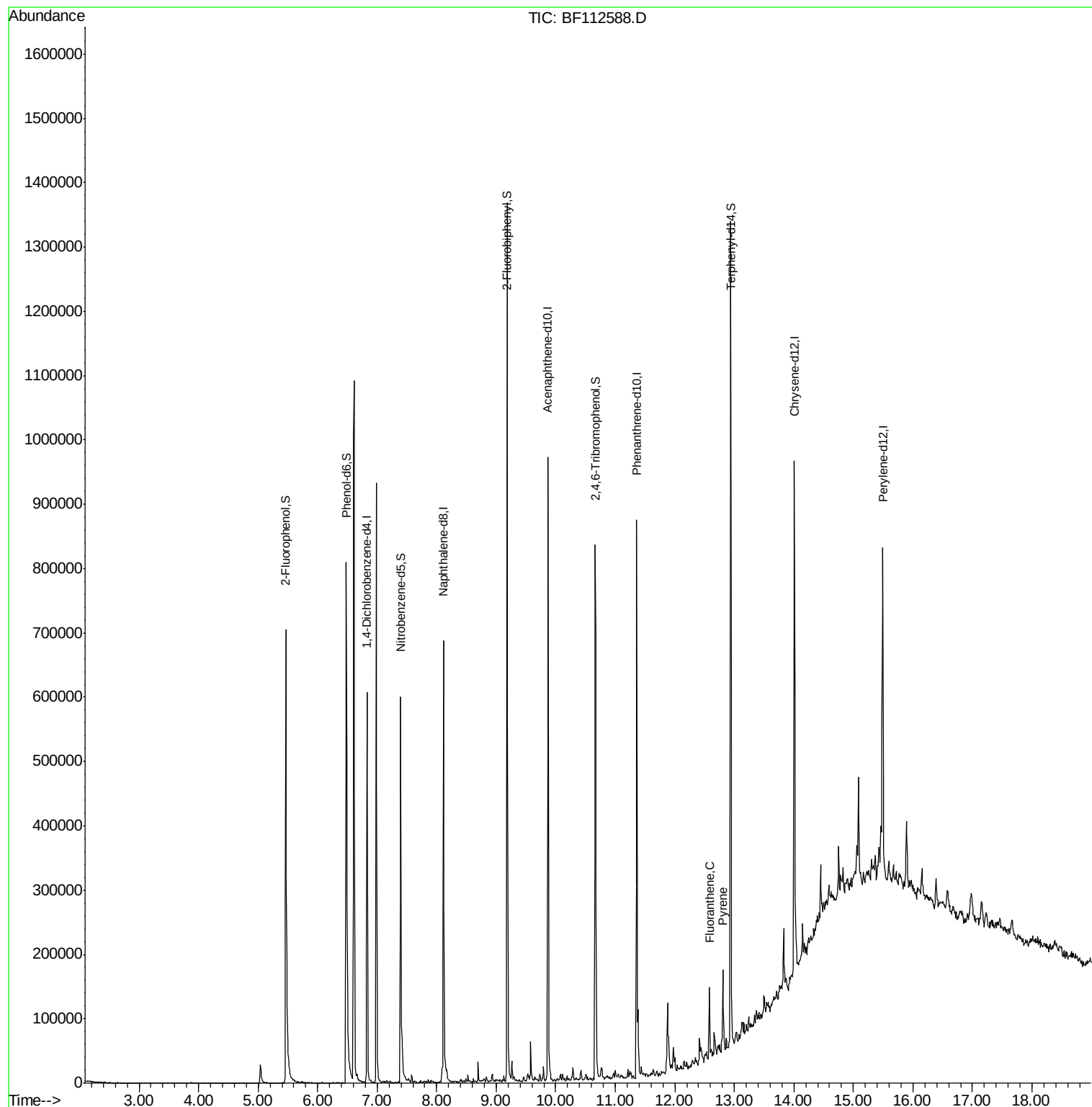
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	93161	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	384268	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	191441	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	353521	20.00	ng	0.00
76) Chrysene-d12	14.01	240	248076	20.00	ng	0.00
87) Perylene-d12	15.49	264	242752	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	273917	62.45	ng	-0.02
7) Phenol-d6	6.48	99	348731	57.22	ng	-0.01
23) Nitrobenzene-d5	7.39	82	219251	32.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	114406	51.34	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	431957	31.91	ng	-0.02
79) Terphenyl-d14	12.94	244	383038	29.08	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.58	202	40887	2.074	ng	98
78) Pyrene	12.81	202	45441	2.646	ng	97

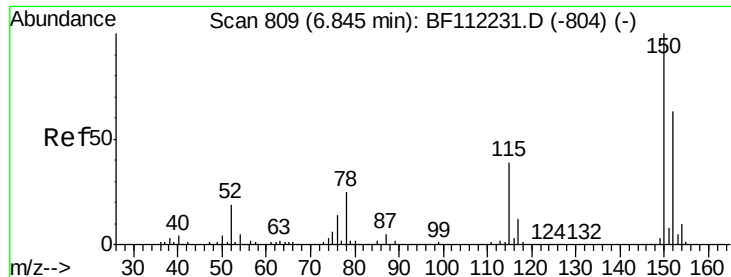
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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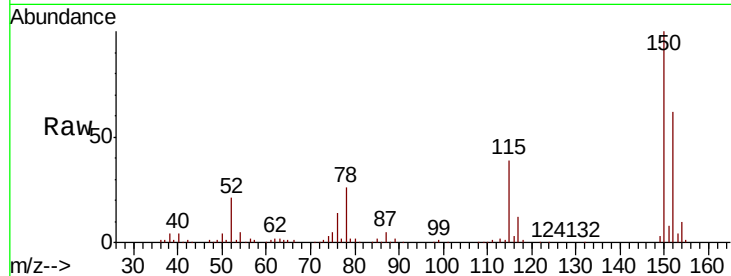


#1

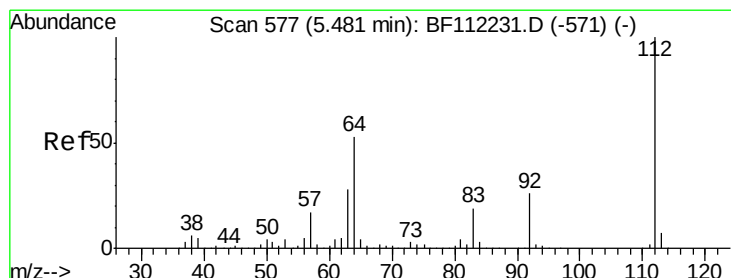
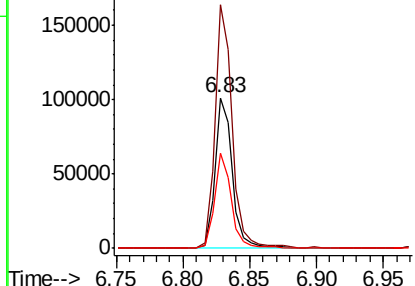
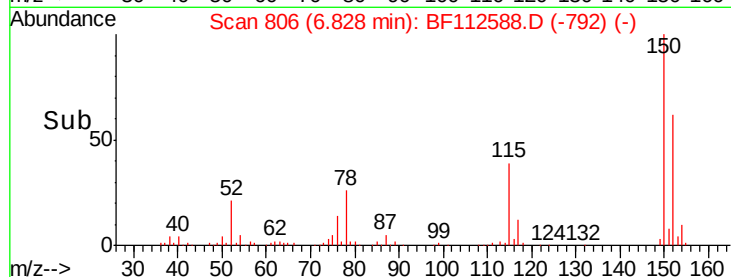
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112588.D
Acq: 15 Feb 2019 19:37

Instrument :
BNA_F
ClientSampleId :
CL-01-021419-B

Tot Ion:152 Resp: 93161
Ion Ratio Lower Upper
152 100
150 161.9 127.4 191.0
115 63.6 45.5 68.3



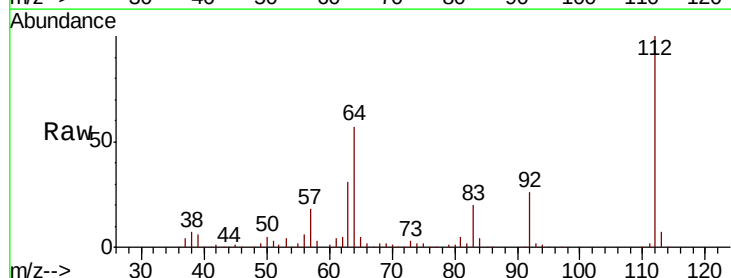
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



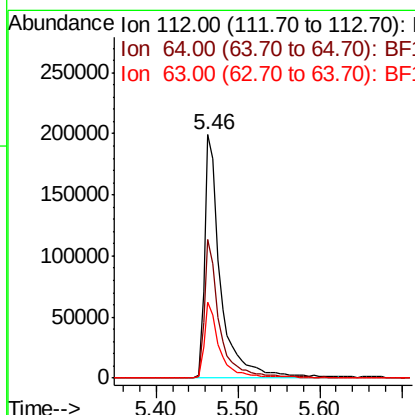
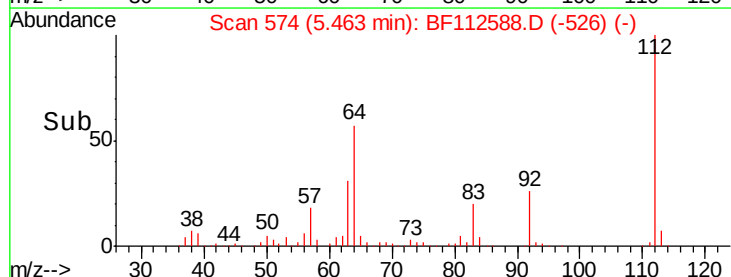
#5

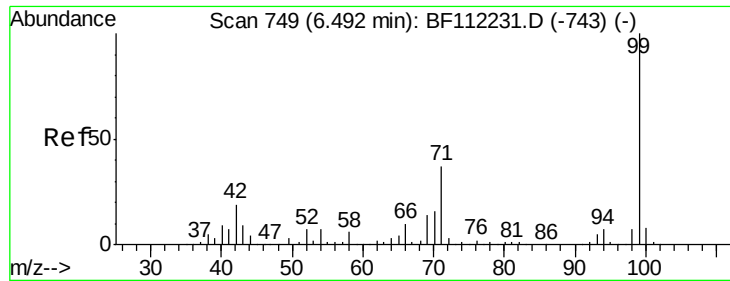
2-Fluorophenol
Concen: 62.453 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112588.D
Acq: 15 Feb 2019 19:37

Tgt Ion:112 Resp: 273917
Ion Ratio Lower Upper
112 100
64 57.1 45.7 68.5
63 31.1 23.6 35.4



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: 57.220 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112588.D

Acq: 15 Feb 2019 19:37

Instrument :

BNA_F

ClientSampleId :

CL-01-021419-B

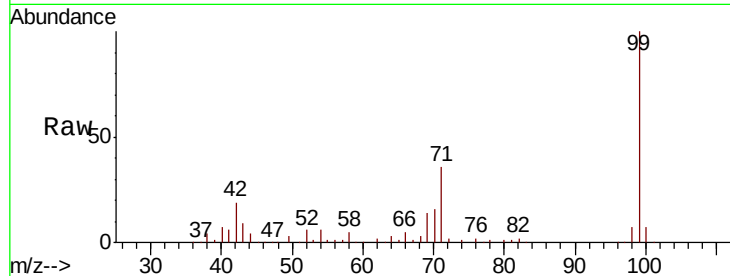
Tot Ion: 99 Resp: 348731

Ion Ratio Lower Upper

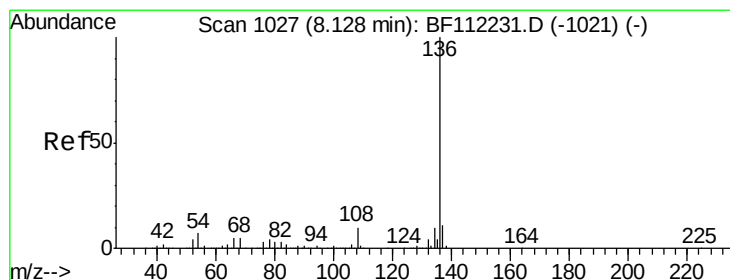
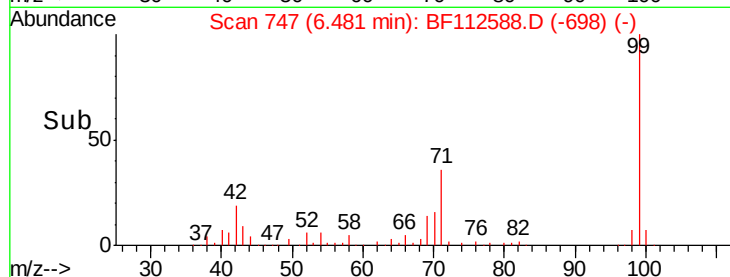
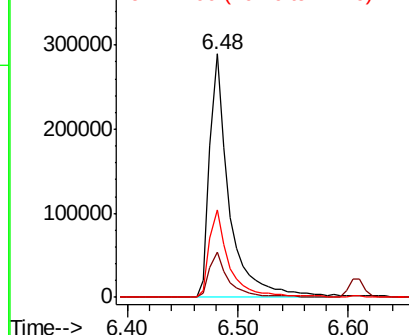
99 100

42 18.6 15.1 22.7

71 35.9 26.9 40.3



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112588.D

Acq: 15 Feb 2019 19:37

Tgt Ion: 136 Resp: 384268

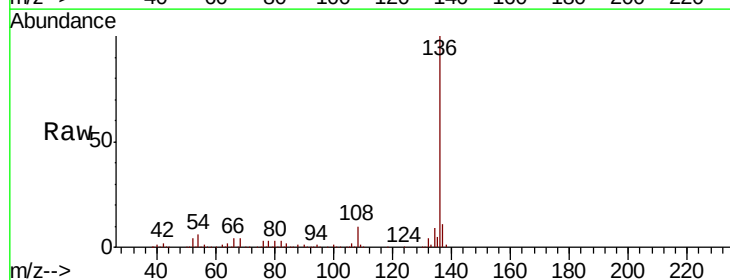
Ion Ratio Lower Upper

136 100

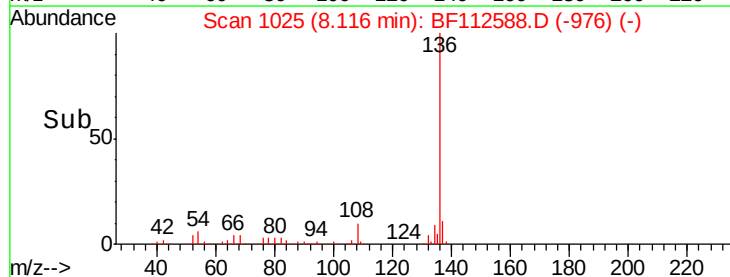
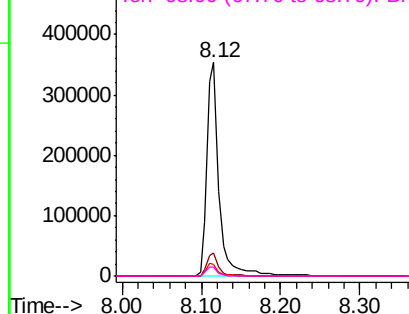
137 10.6 9.1 13.7

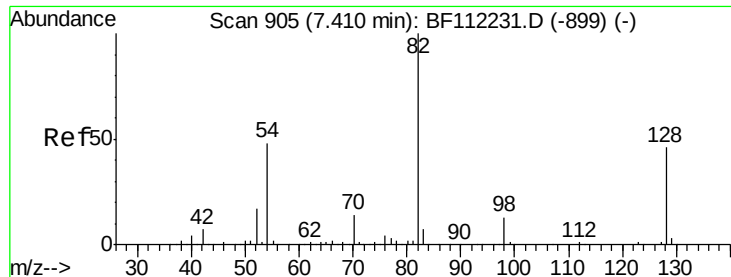
54 5.5 5.9 8.9#

68 4.3 5.1 7.7#



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

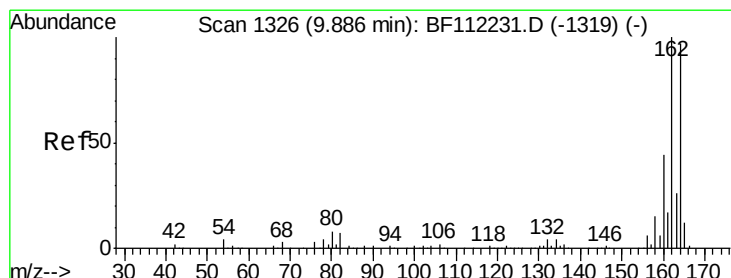
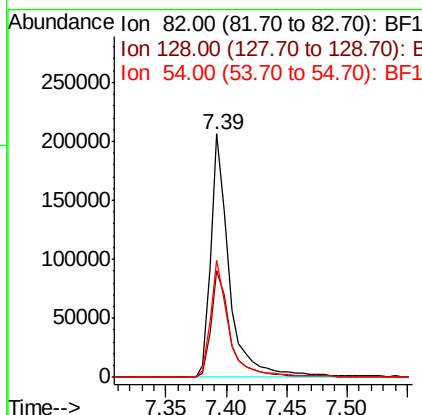
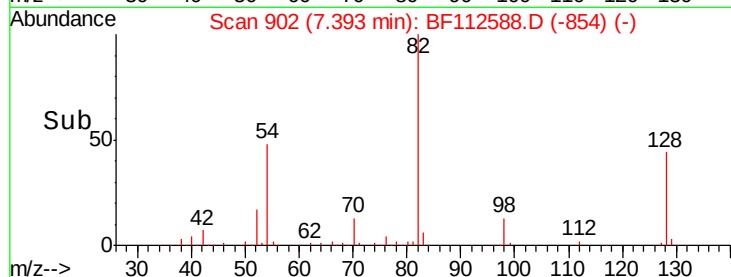
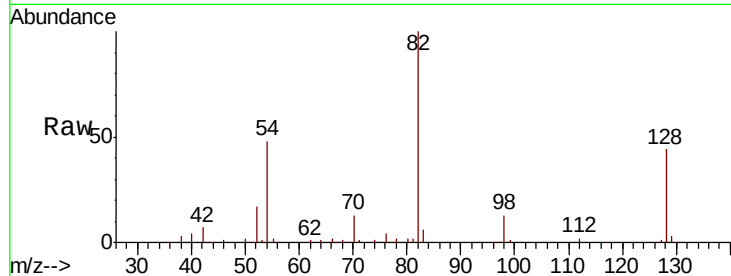




#23
 Nitrobenzene-d5
 Concen: 32.876 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112588.D
 Acq: 15 Feb 2019 19:37

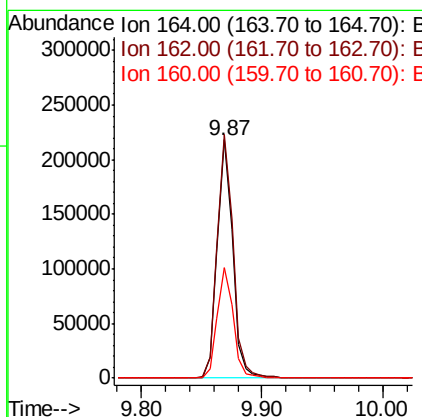
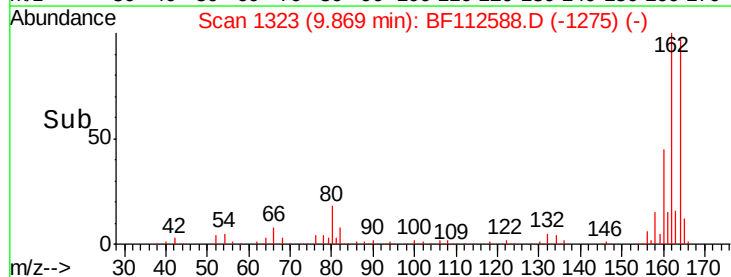
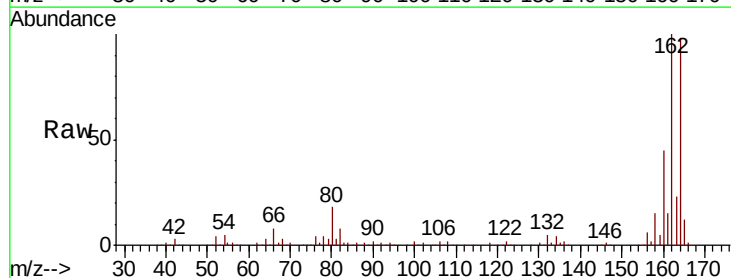
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-021419-B

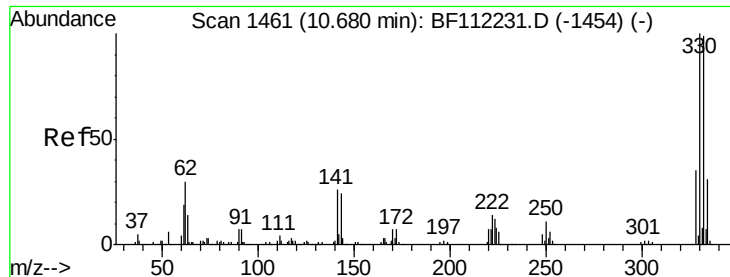
Tot Ion	82	Resp	219251
Ion Ratio	100	Lower	Upper
128	43.6	37.8	56.8
54	48.2	39.7	59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112588.D
 Acq: 15 Feb 2019 19:37

Tgt Ion	164	Resp	191441
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.1	82.2	123.4
160	46.3	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 51.342 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112588.D

Acq: 15 Feb 2019 19:37

Instrument :

BNA_F

ClientSampleId :

CL-01-021419-B

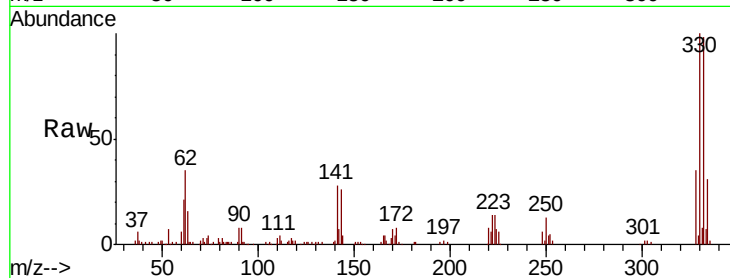
Tot Ion:330 Resp: 114406

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

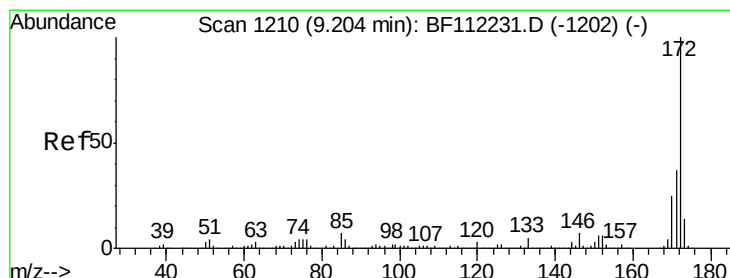
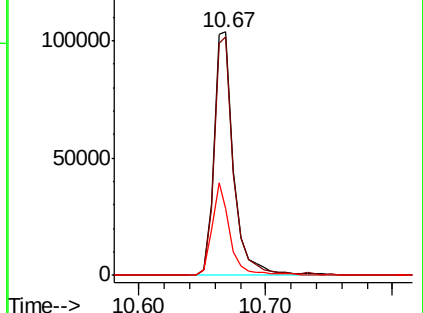
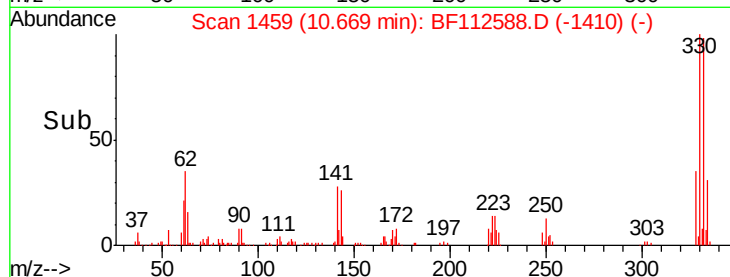
141 34.5 24.3 36.5



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: 31.912 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112588.D

Acq: 15 Feb 2019 19:37

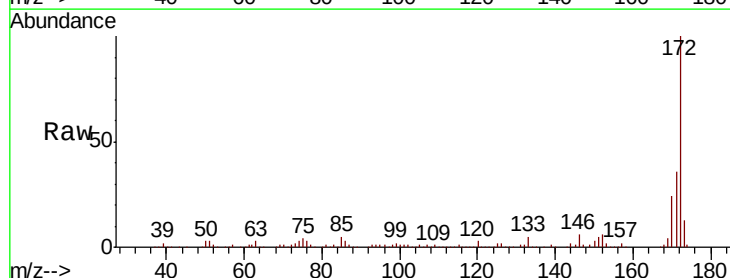
Tgt Ion:172 Resp: 431957

Ion Ratio Lower Upper

172 100

171 35.9 30.5 45.7

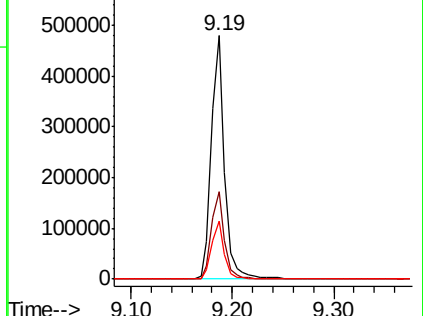
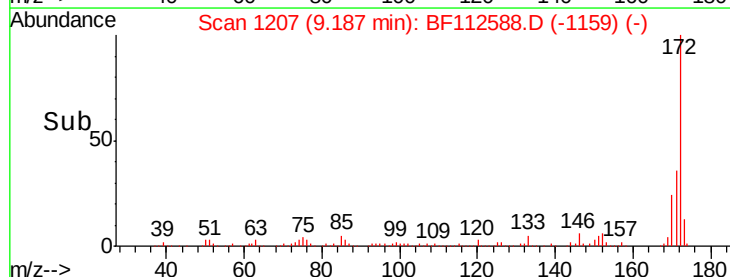
170 23.8 20.2 30.4

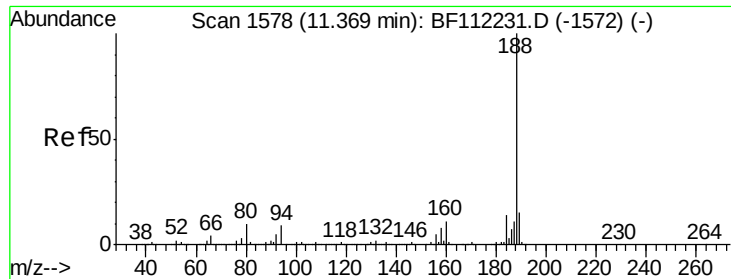


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112588.D

Acq: 15 Feb 2019 19:37

Instrument :

BNA_F

ClientSampleId :

CL-01-021419-B

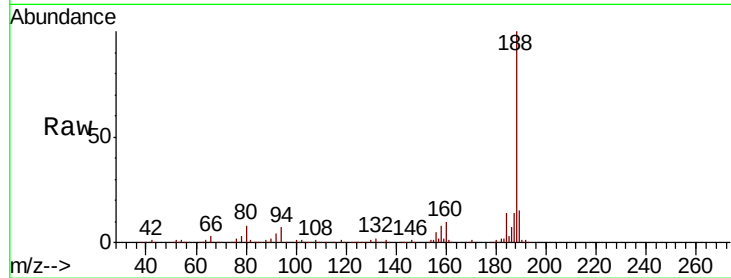
Tot Ion:188 Resp: 353521

Ion Ratio Lower Upper

188 100

94 7.4 8.2 12.2#

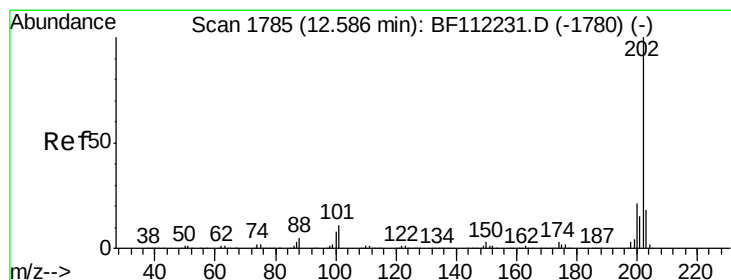
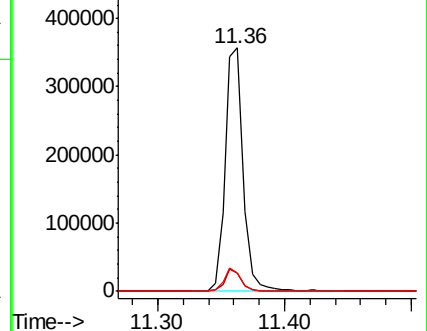
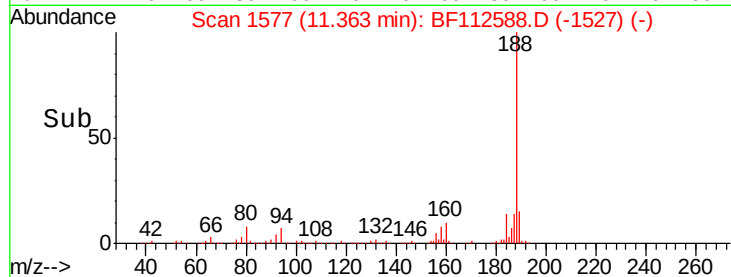
80 7.7 8.9 13.3#



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

Fluoranthene

Concen: 2.074 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112588.D

Acq: 15 Feb 2019 19:37

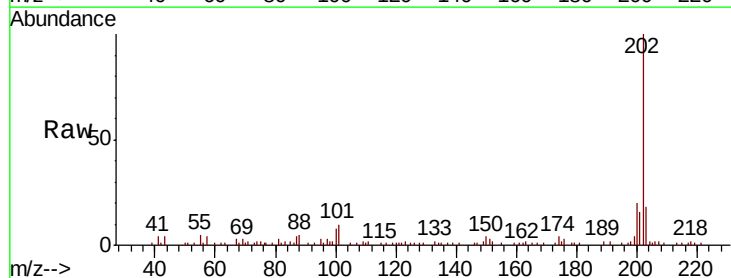
Tgt Ion:202 Resp: 40887

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.8

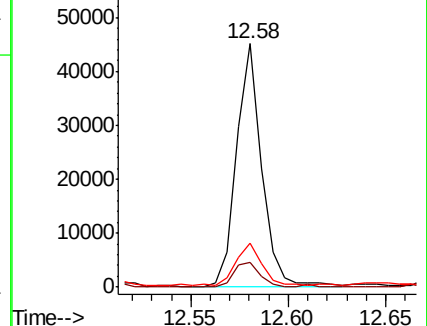
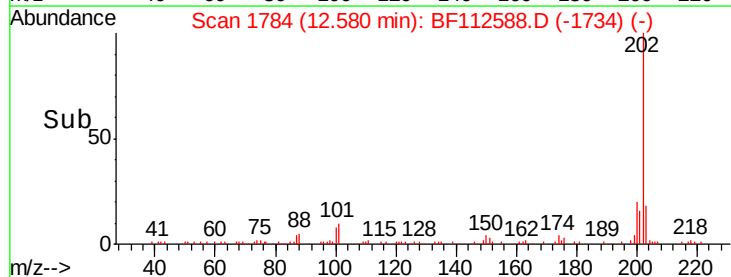
203 18.2 0.0 38.4

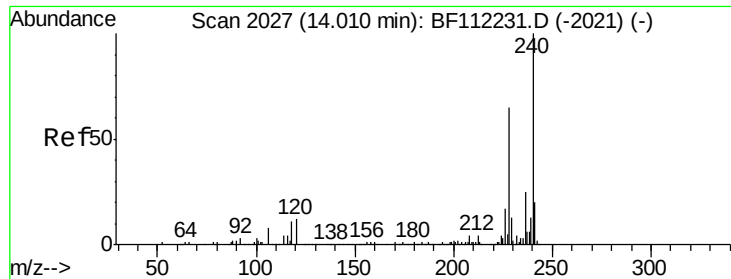


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

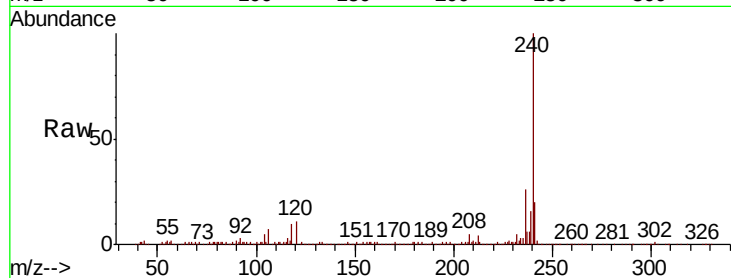




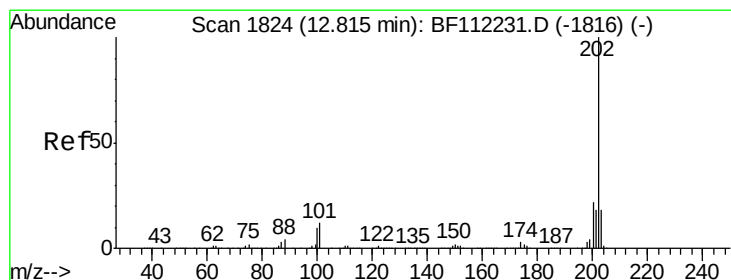
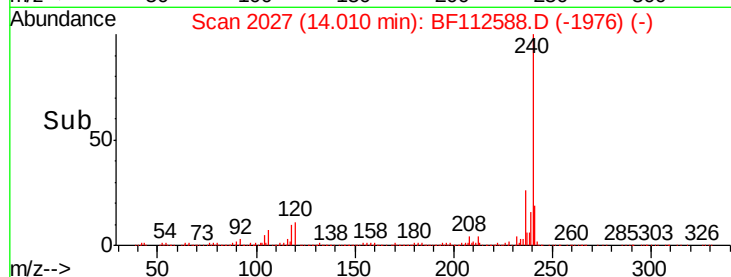
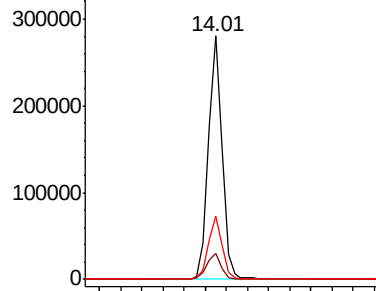
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112588.D
Acq: 15 Feb 2019 19:37

Instrument :
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CL-01-021419-B

Tot Ion:240 Resp: 248076
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.6
236 25.9 20.7 31.1

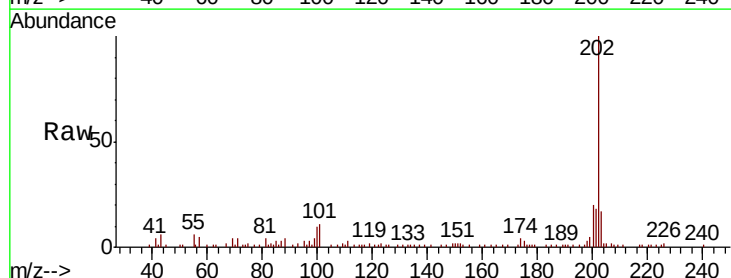


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

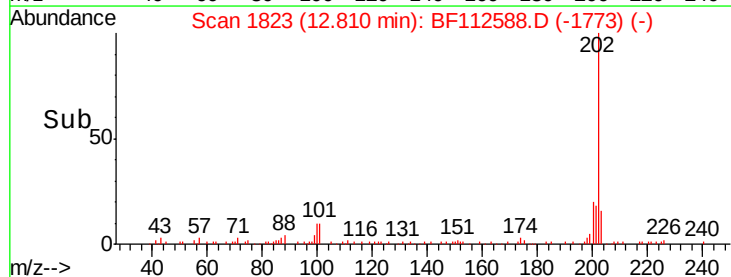
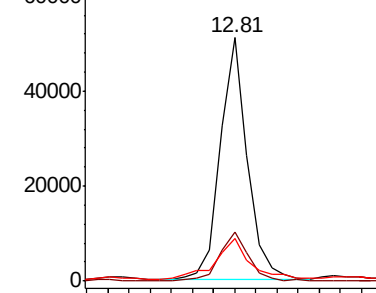


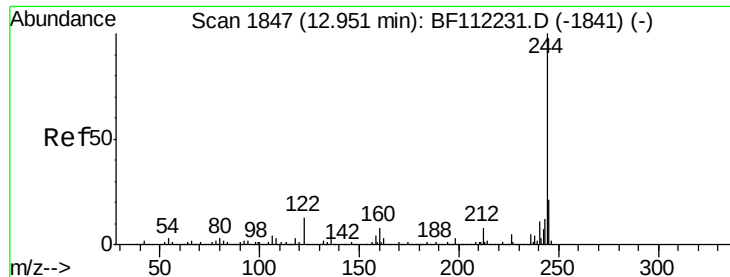
#78
Pyrene
Concen: 2.646 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF112588.D
Acq: 15 Feb 2019 19:37

Tgt Ion:202 Resp: 45441
Ion Ratio Lower Upper
202 100
200 20.0 17.7 26.5
203 17.4 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 29.081 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112588.D

Acq: 15 Feb 2019 19:37

Instrument :

BNA_F

ClientSampleId :

CL-01-021419-B

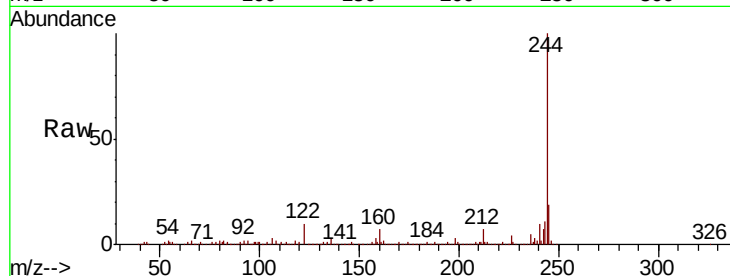
Tot Ion:244 Resp: 383038

Ion Ratio Lower Upper

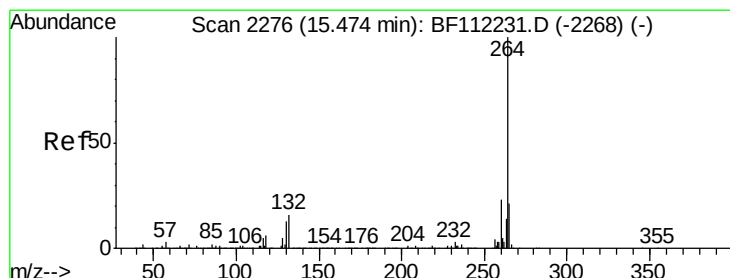
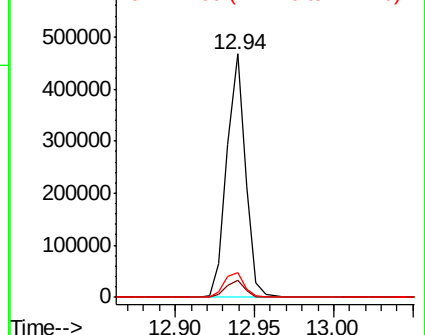
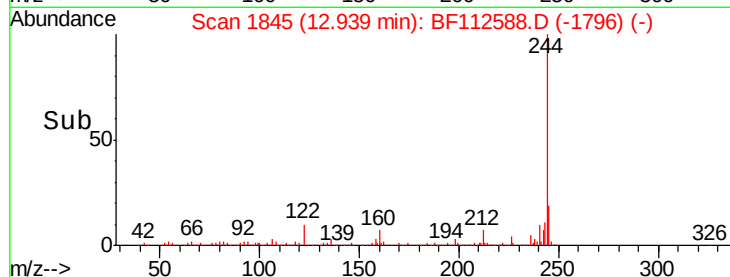
244 100

212 7.1 5.9 8.9

122 10.3 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.02 min

Lab File: BF112588.D

Acq: 15 Feb 2019 19:37

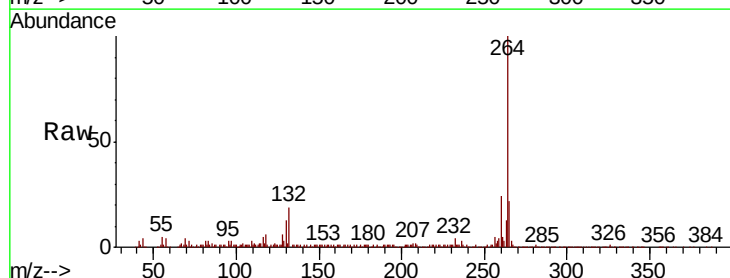
Tgt Ion:264 Resp: 242752

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.2

265 22.1 17.0 25.4



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

