

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
 Data File : BF112365.D
 Acq On : 1 Feb 2019 21:31
 Operator : JU/SJ
 Sample : K1290-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012919-SIDI-E-D-S

Quant Time: Feb 02 00:09:06 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

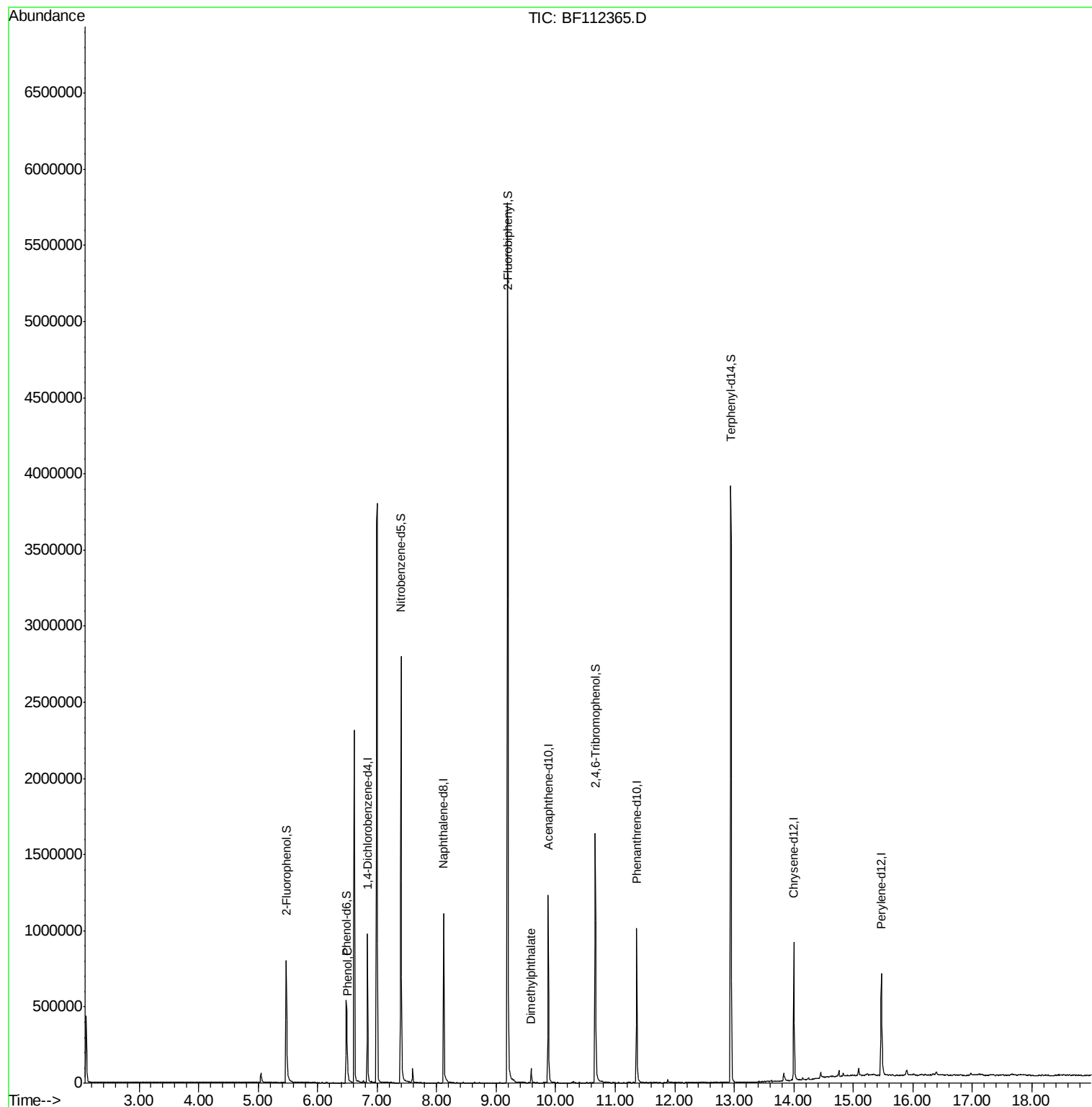
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	165179	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	593122	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	267549	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	442129	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	357675	20.00	ng	0.00
87) Perylene-d12	15.47	264	344005	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	298349	38.37	ng	0.00
7) Phenol-d6	6.48	99	220335	20.39	ng	-0.01
23) Nitrobenzene-d5	7.40	82	993655	96.53	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	225248	72.33	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1908035	100.86	ng	-0.01
79) Terphenyl-d14	12.94	244	1403182	73.89	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	33579	2.832	ng	81
50) Dimethylphthalate	9.59	163	46719	2.247	ng	98

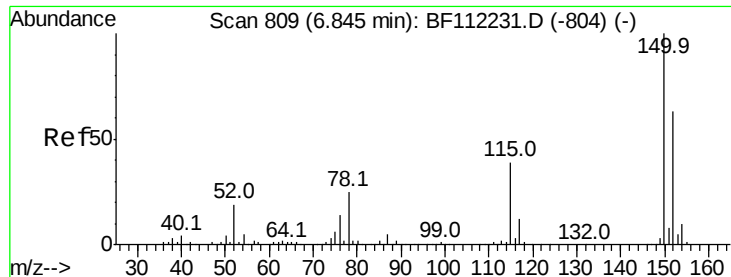
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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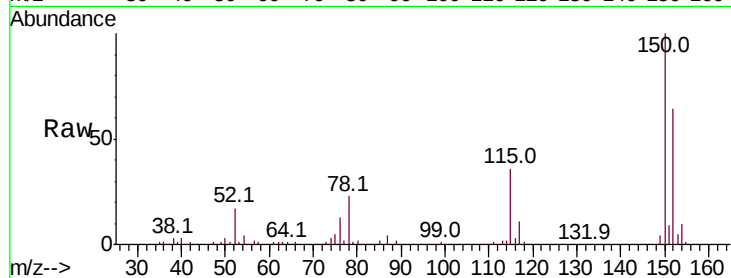


#1

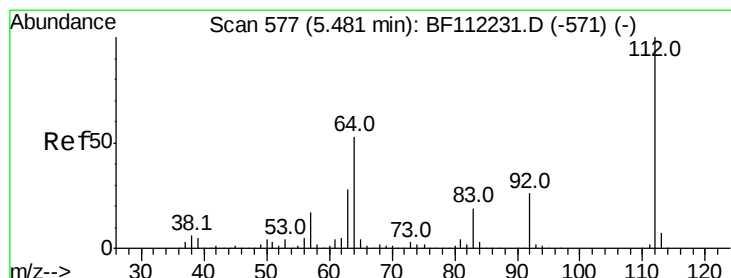
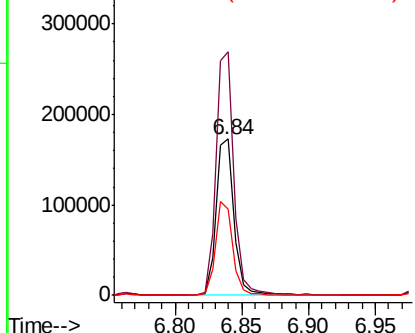
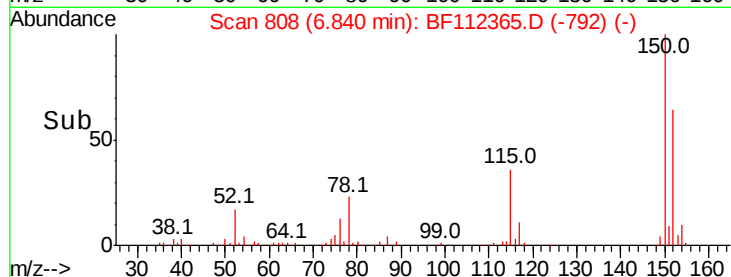
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112365.D
Acq: 1 Feb 2019 21:31

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-D-S

Tot Ion:152 Resp: 165179
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.0
115 55.4 45.5 68.3



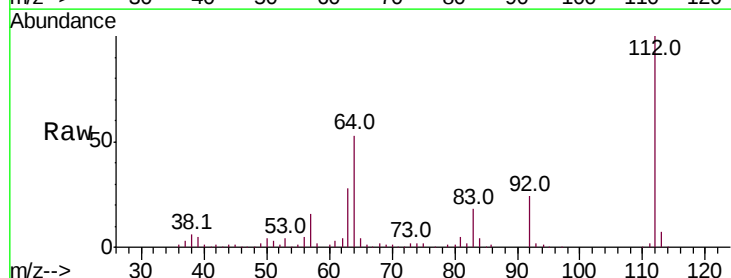
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



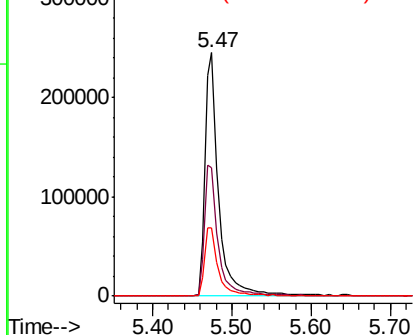
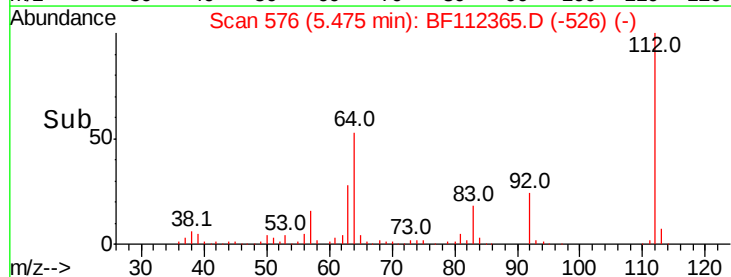
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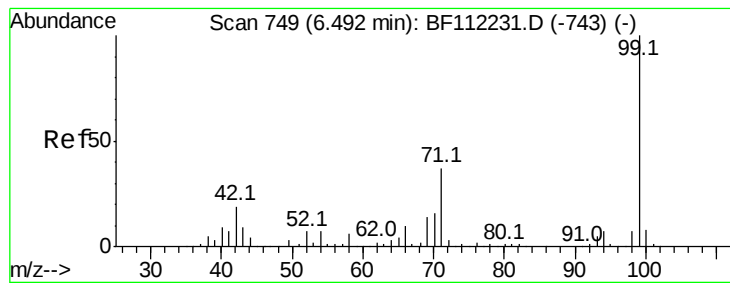
2-Fluorophenol
Concen: 38.365 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112365.D
Acq: 1 Feb 2019 21:31

Tgt Ion:112 Resp: 298349
Ion Ratio Lower Upper
112 100
64 52.6 45.7 68.5
63 27.8 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: 20.390 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112365.D

Acq: 1 Feb 2019 21:31

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-D-S

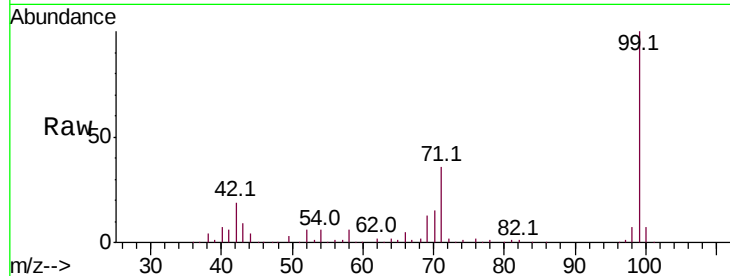
Tot Ion: 99 Resp: 220335

Ion Ratio Lower Upper

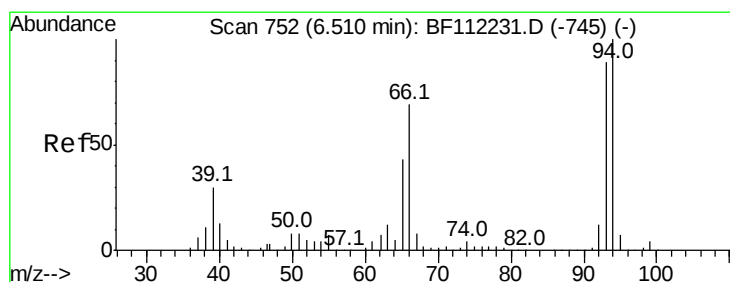
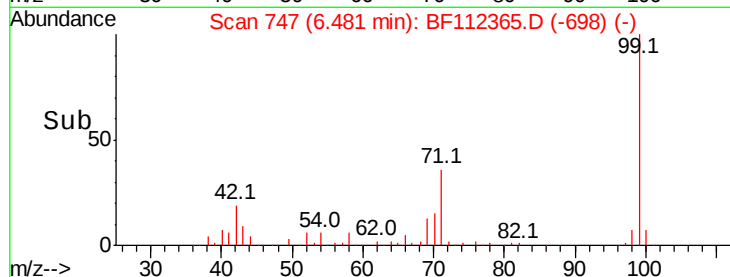
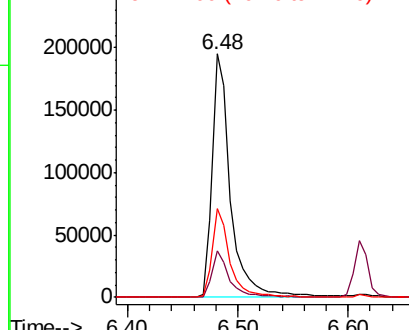
99 100

42 19.1 15.1 22.7

71 36.4 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



#10

Phenol

Concen: 2.832 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112365.D

Acq: 1 Feb 2019 21:31

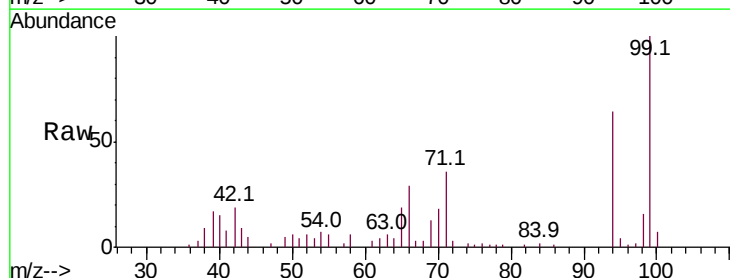
Tgt Ion: 94 Resp: 33579

Ion Ratio Lower Upper

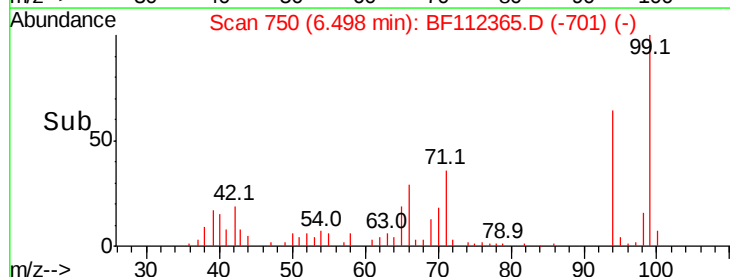
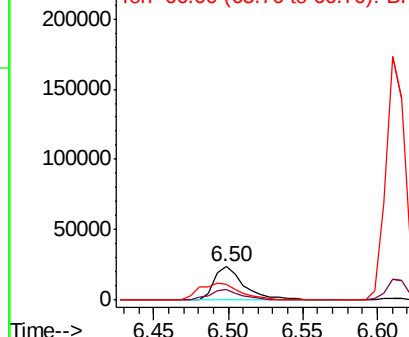
94 100

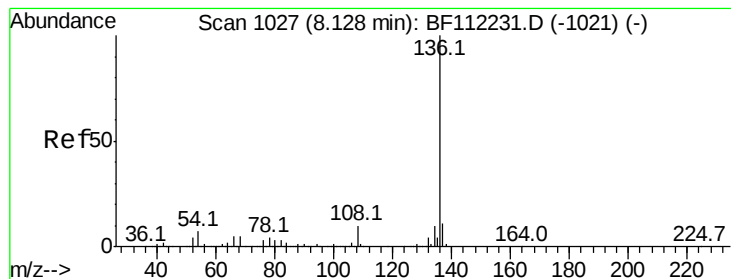
65 30.5 20.3 60.3

66 46.0 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112365.D

Acq: 1 Feb 2019 21:31

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-D-S

Tot Ion:136 Resp: 593122

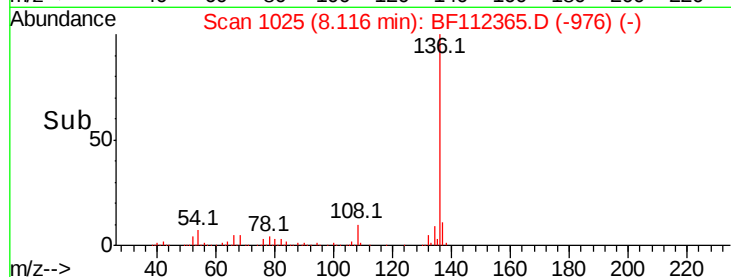
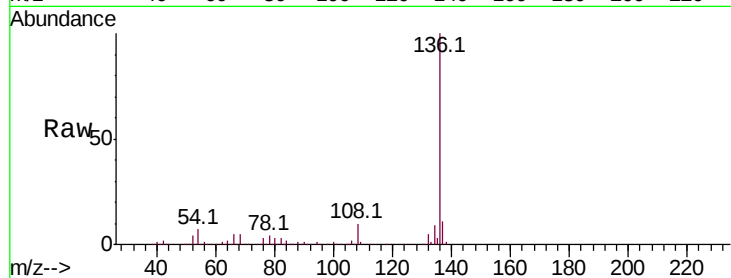
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.7 5.9 8.9

68 5.2 5.1 7.7

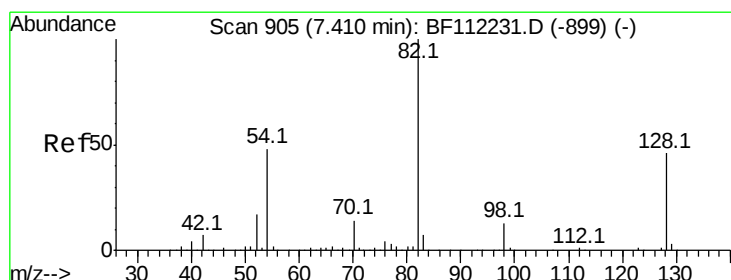
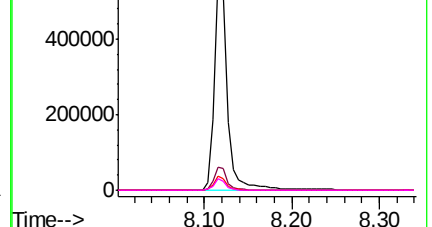


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.530 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF112365.D

Acq: 1 Feb 2019 21:31

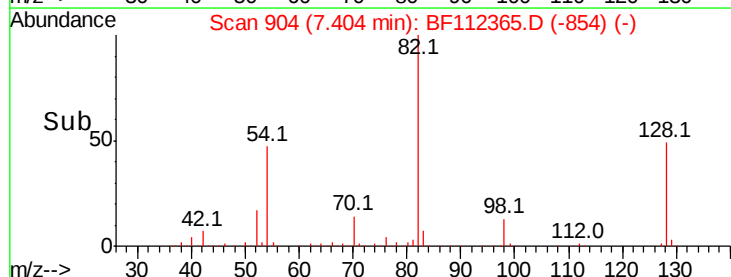
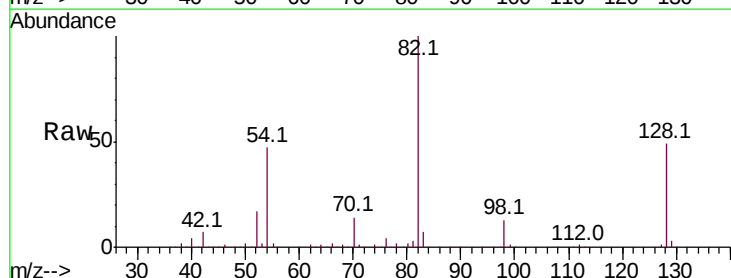
Tgt Ion: 82 Resp: 993655

Ion Ratio Lower Upper

82 100

128 48.7 37.8 56.8

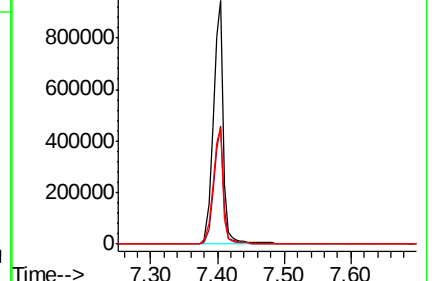
54 47.4 39.7 59.5

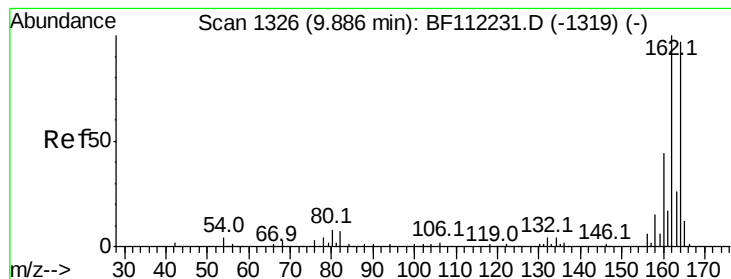


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112365.D

Acq: 1 Feb 2019 21:31

Instrument :

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ClientSampleId :

012919-SIDI-E-D-S

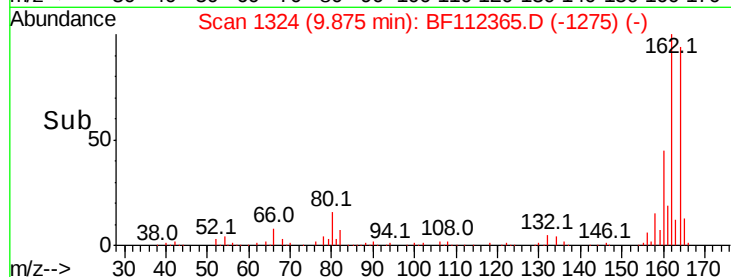
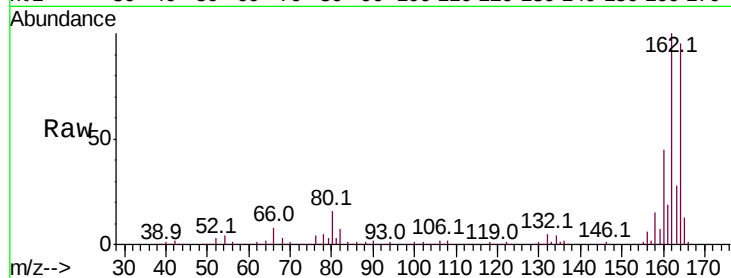
Tot Ion:164 Resp: 267549

Ion Ratio Lower Upper

164 100

162 105.2 82.2 123.4

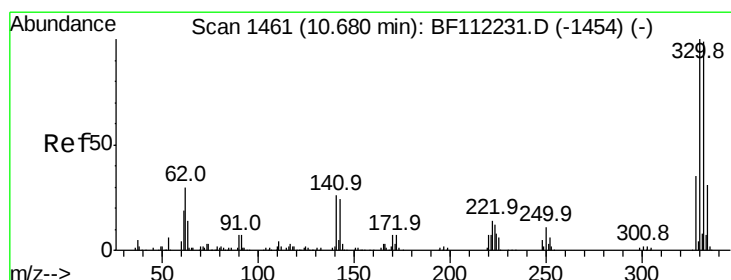
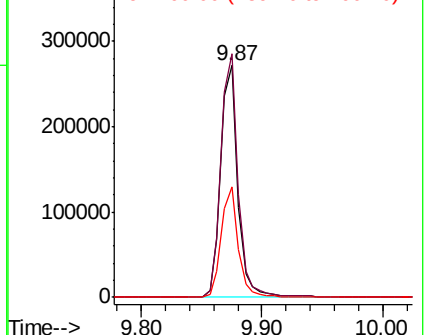
160 47.8 36.2 54.4



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: 72.329 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112365.D

Acq: 1 Feb 2019 21:31

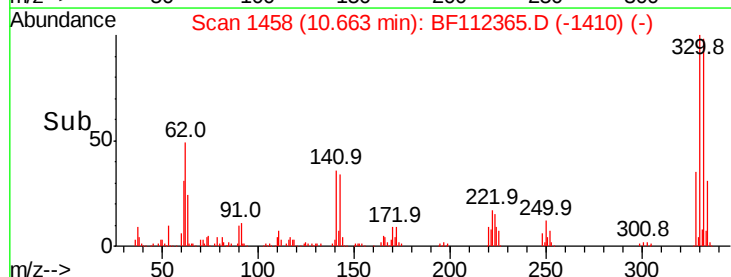
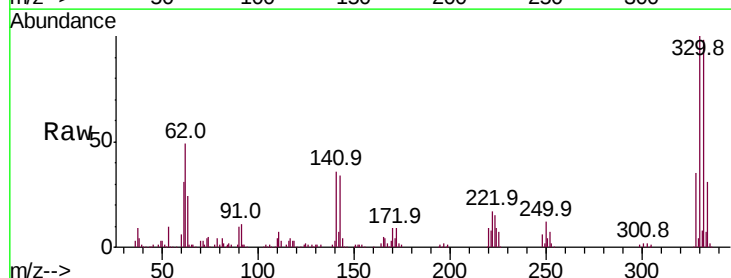
Tgt Ion:330 Resp: 225248

Ion Ratio Lower Upper

330 100

332 99.1 76.6 114.8

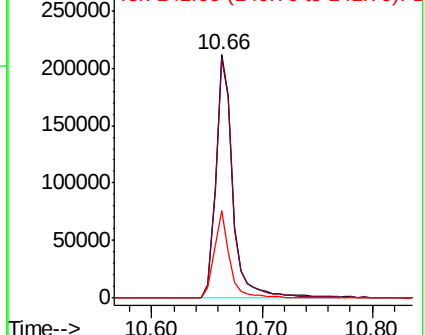
141 32.0 24.3 36.5

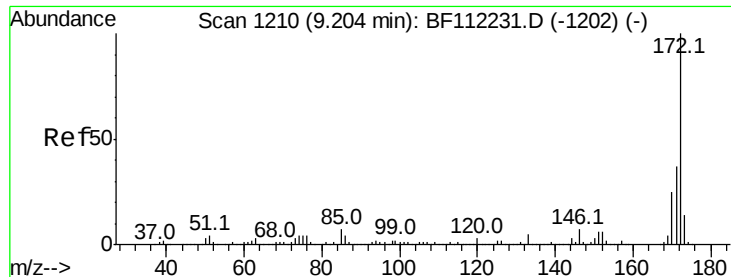


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

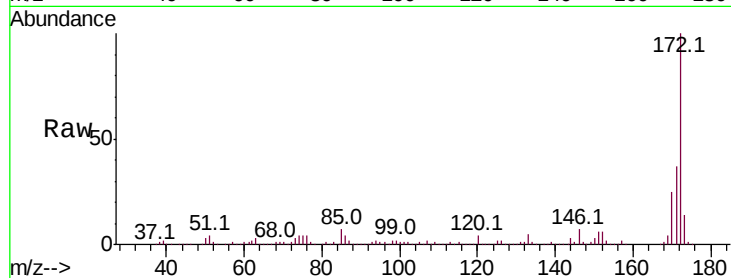




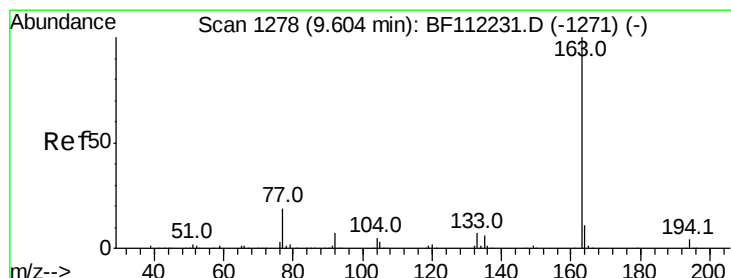
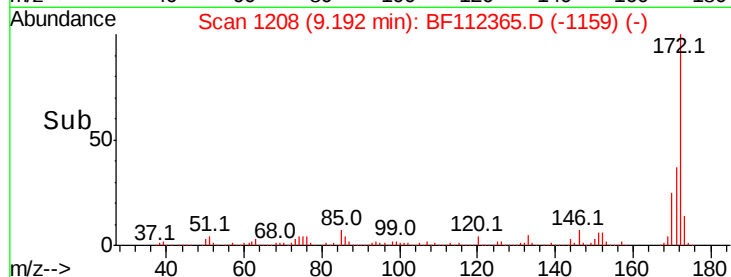
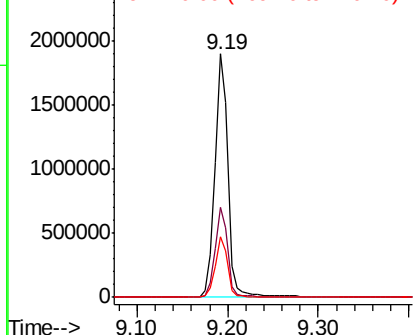
#45
2-Fluorobiphenyl
Concen: 100.864 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112365.D
Acq: 1 Feb 2019 21:31

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-D-S

Tot Ion:172 Resp: 1908035
Ion Ratio Lower Upper
172 100
171 36.9 30.5 45.7
170 24.7 20.2 30.4

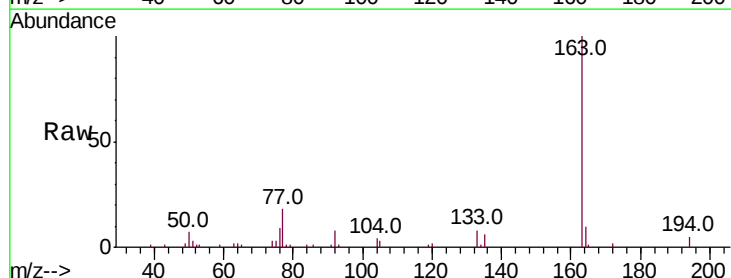


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

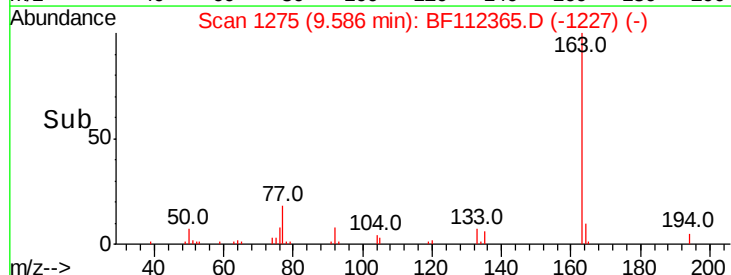
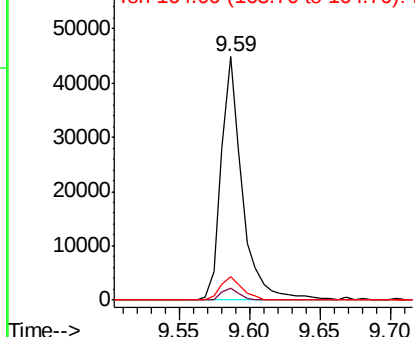


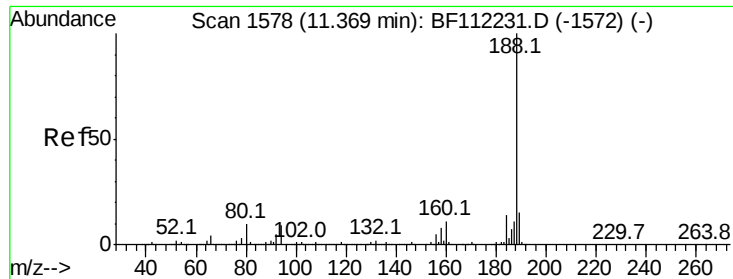
#50
Dimethylphthalate
Concen: 2.247 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112365.D
Acq: 1 Feb 2019 21:31

Tgt Ion:163 Resp: 46719
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 9.9 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

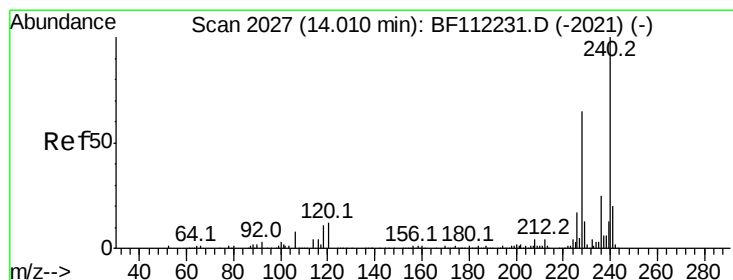
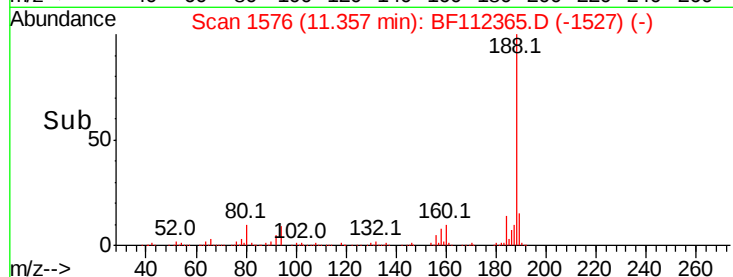
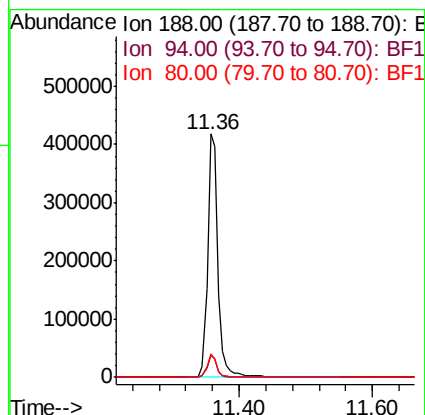
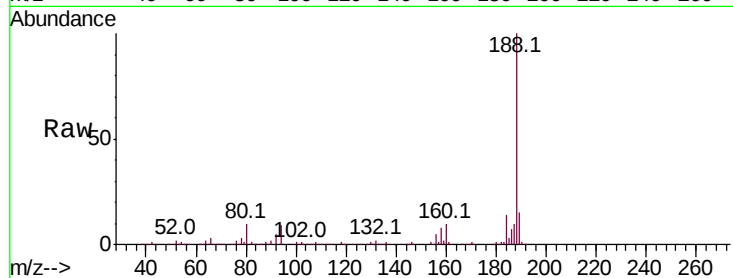




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112365.D
Acq: 1 Feb 2019 21:31

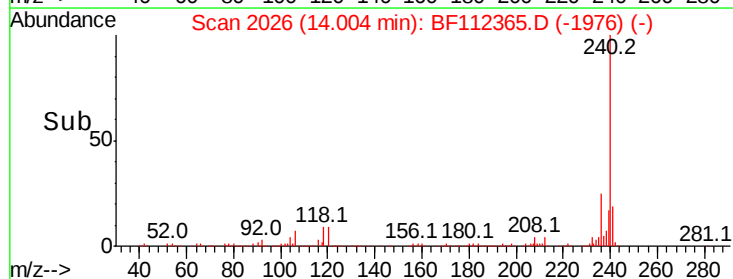
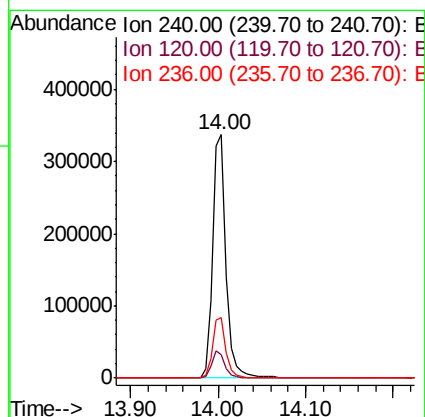
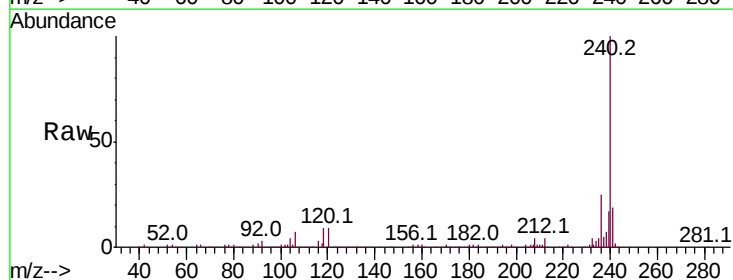
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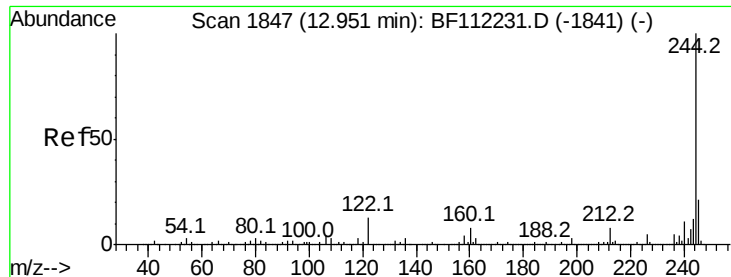
Tot Ion:188 Resp: 442129
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 9.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112365.D
Acq: 1 Feb 2019 21:31

Tgt Ion:240 Resp: 357675
Ion Ratio Lower Upper
240 100
120 9.4 9.0 13.6
236 25.0 20.7 31.1



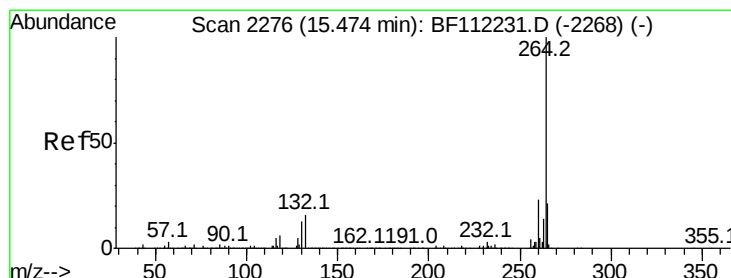
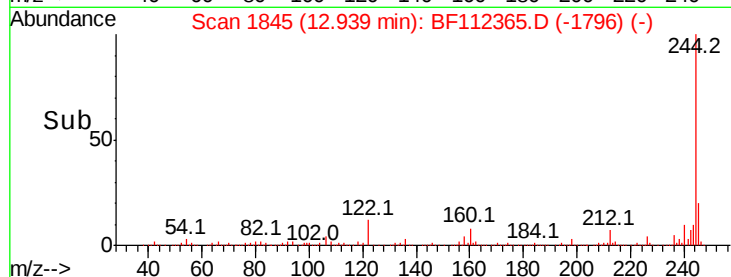
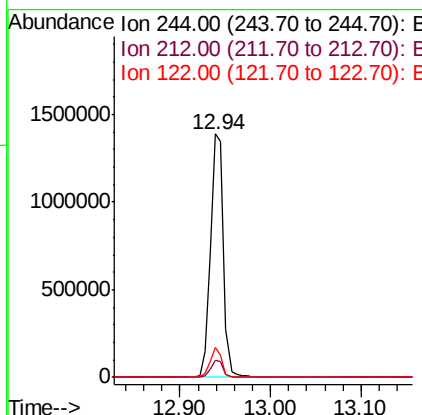
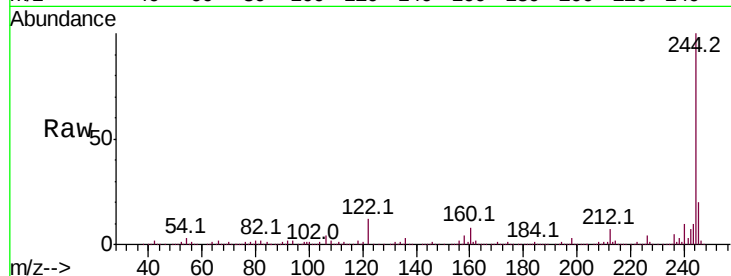


#79
 Terphenyl-d14
 Concen: 73.889 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112365.D
 Acq: 1 Feb 2019 21:31

Instrument :
 BNA_F
 ClientSampleId :
 012919-SIDI-E-D-S

Tot Ion:244 Resp: 1403182

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	12.4	9.8	14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112365.D
 Acq: 1 Feb 2019 21:31

Tgt Ion:264 Resp: 344005

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.2
265	21.1	17.0	25.4

