

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081519\
 Data File : BF116274.D
 Acq On : 15 Aug 2019 12:56
 Operator : HP/JU
 Sample : PB122172BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122172BL

Quant Time: Aug 15 15:01:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

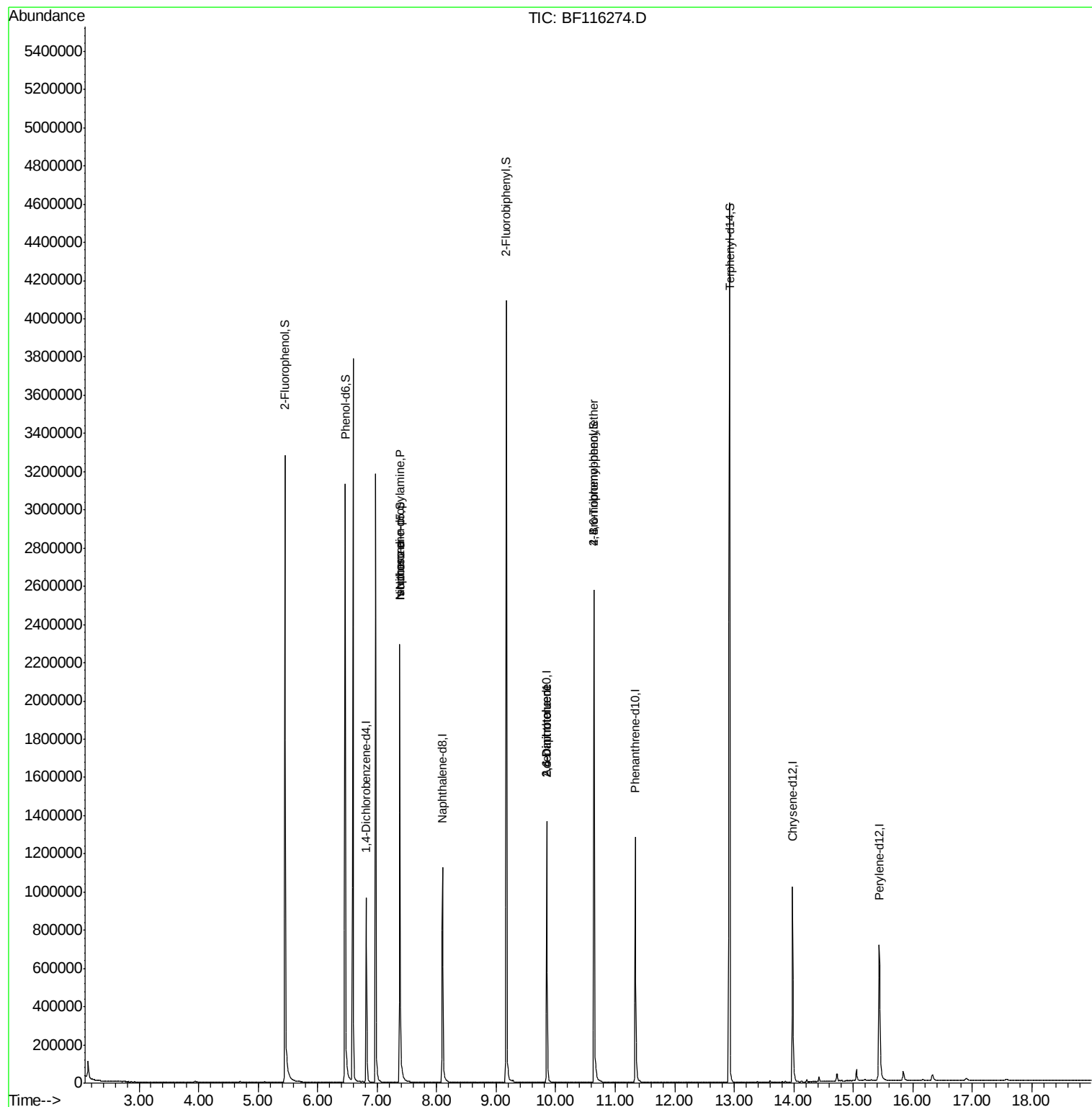
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	149830	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	586840	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	317938	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	582380	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	441017	20.00	ng	-0.03
87) Perylene-d12	15.43	264	416681	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1080983	120.78	ng	-0.02
7) Phenol-d6	6.46	99	1395122	123.55	ng	-0.02
23) Nitrobenzene-d5	7.38	82	918691	90.36	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	402460	130.56	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1546760	91.12	ng	-0.03
79) Terphenyl-d14	12.92	244	1836035	87.73	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	120384	17.204	ng	# 79
25) Isophorone	7.38	82	918975	47.273	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	40746	8.661	ng	# 29
57) 2,4-Dinitrotoluene	9.85	165	40746	6.505	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	24325	3.902	ng	# 1

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

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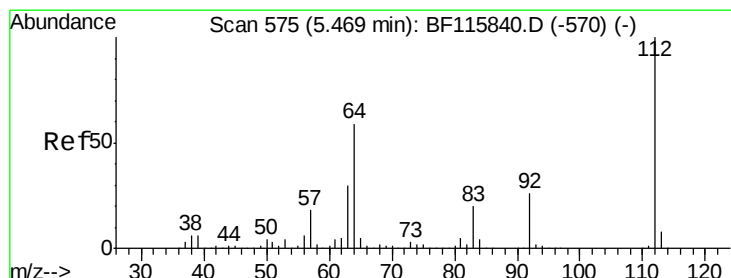
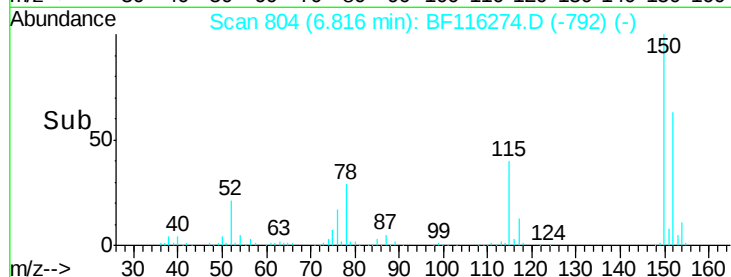
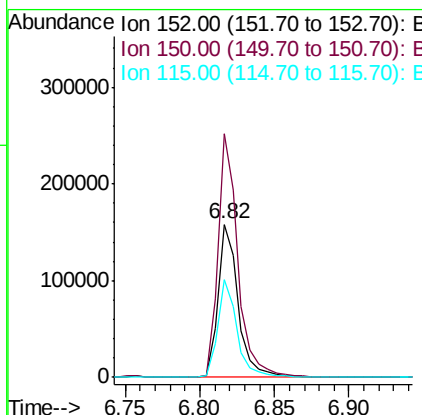
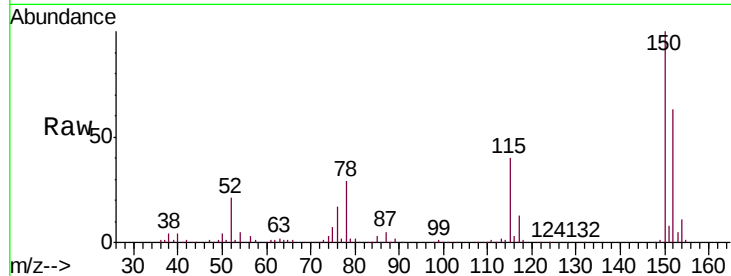




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116274.D
 Acq: 15 Aug 2019 12:56

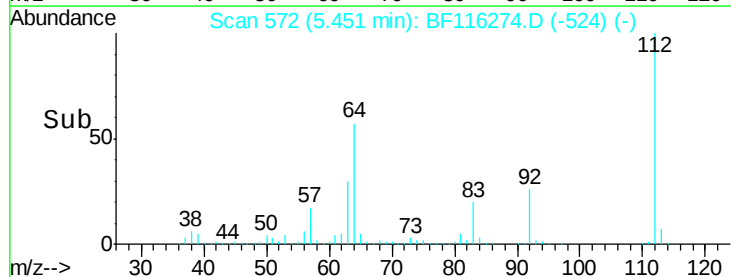
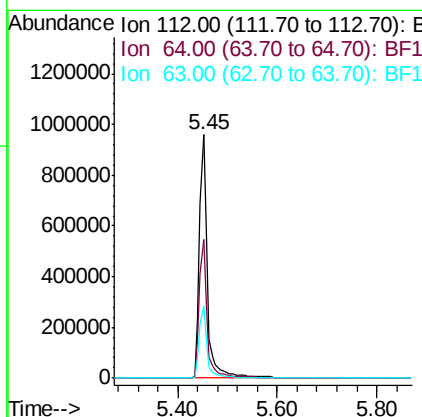
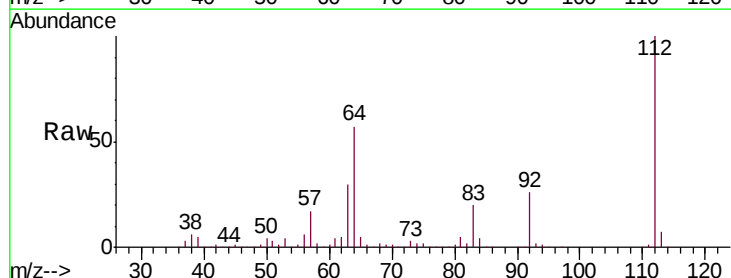
Instrument :
 BNA_F
 ClientSampleId :
 PB122172BL

Tgt Ion:152 Resp: 149830
 Ion Ratio Lower Upper
 152 100
 150 159.4 126.2 189.2
 115 64.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 120.779 ng
 RT: 5.45 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF116274.D
 Acq: 15 Aug 2019 12:56

Tgt Ion:112 Resp: 1080983
 Ion Ratio Lower Upper
 112 100
 64 57.1 45.4 68.2
 63 29.8 23.7 35.5





#7

Phenol-d6

Concen: 123.548 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116274.D

Acq: 15 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

PB122172BL

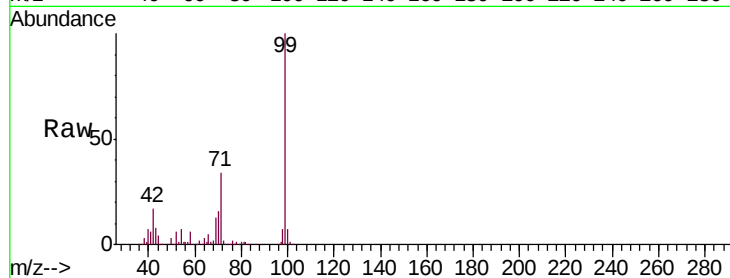
Tgt Ion: 99 Resp: 1395122

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.8

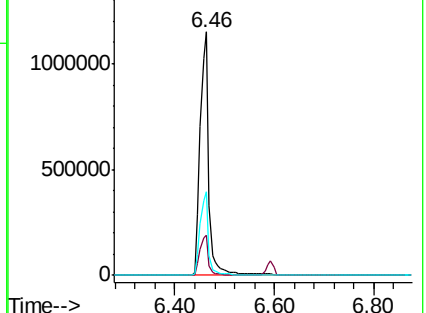
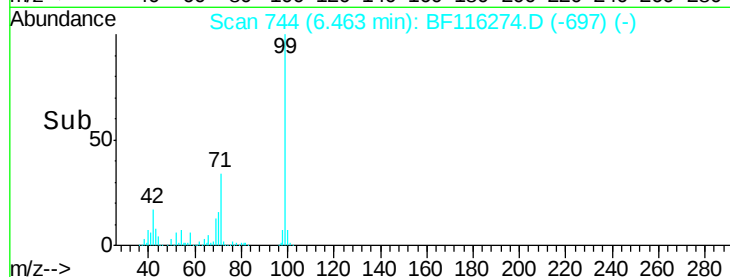
71 34.4 27.3 40.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.204 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116274.D

Acq: 15 Aug 2019 12:56

Tgt Ion: 70 Resp: 120384

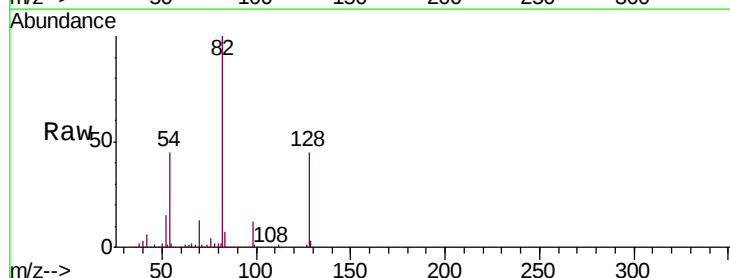
Ion Ratio Lower Upper

70 100

42 43.1 40.9 61.3

101 0.0 7.9 11.9#

130 2.4 16.9 25.3#

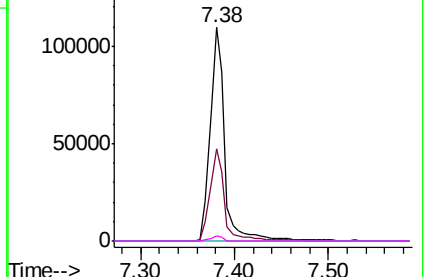
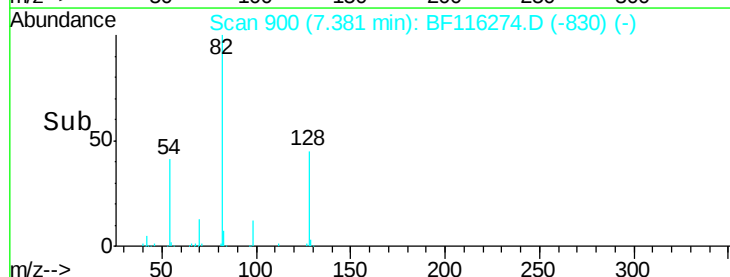


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

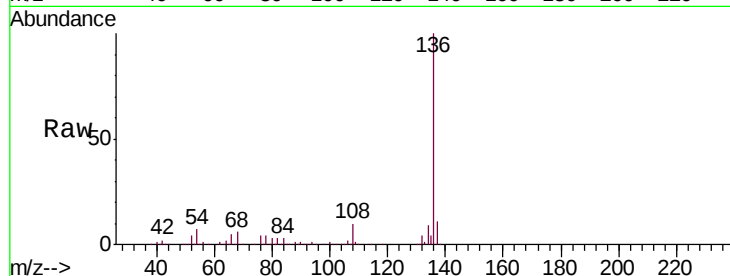




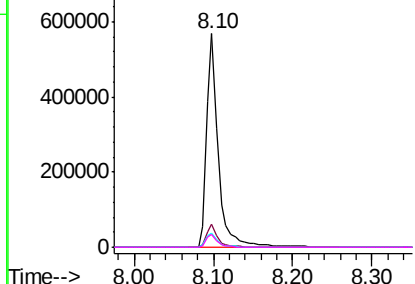
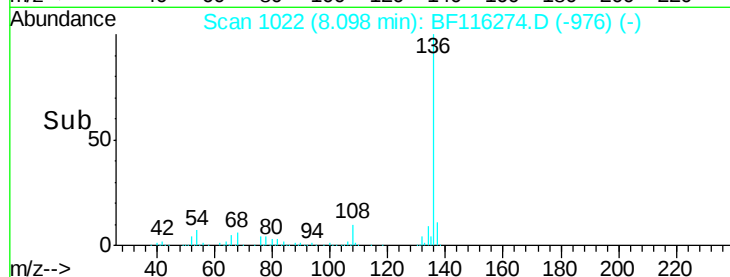
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116274.D
Acq: 15 Aug 2019 12:56

Instrument :
BNA_F
ClientSampleId :
PB122172BL

Tgt Ion:	136	Resp:	586840
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.8	5.8	8.6
68	6.1	5.2	7.8

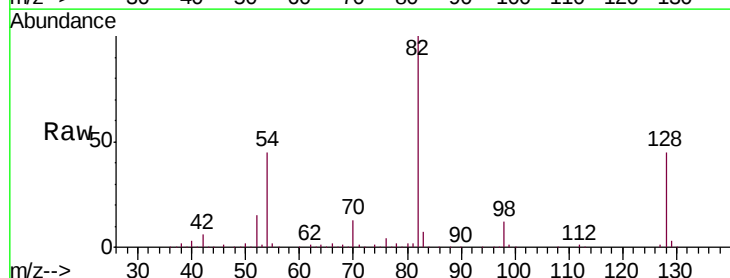


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

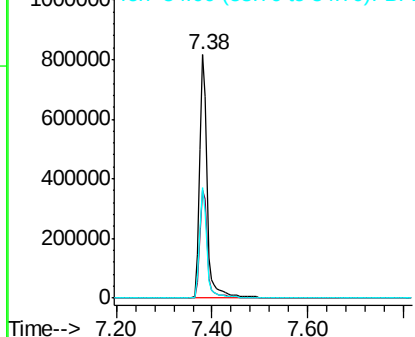
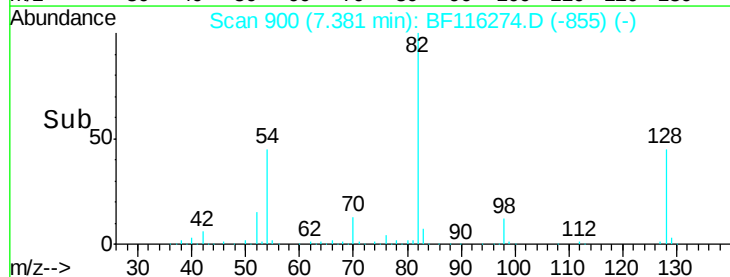


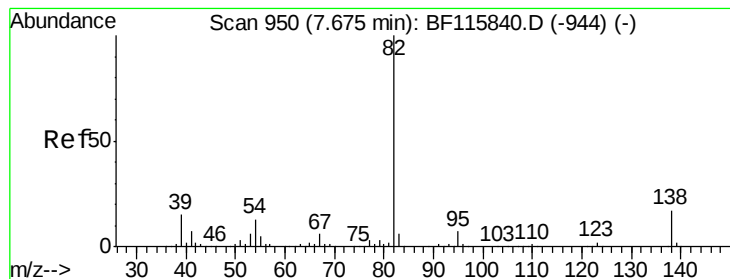
#23
Nitrobenzene-d5
Concen: 90.365 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116274.D
Acq: 15 Aug 2019 12:56

Tgt Ion:	82	Resp:	918691
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.5	54.7
54	45.2	36.0	54.0



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





#25

Isophorone

Concen: 47.273 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116274.D

Acq: 15 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

PB122172BL

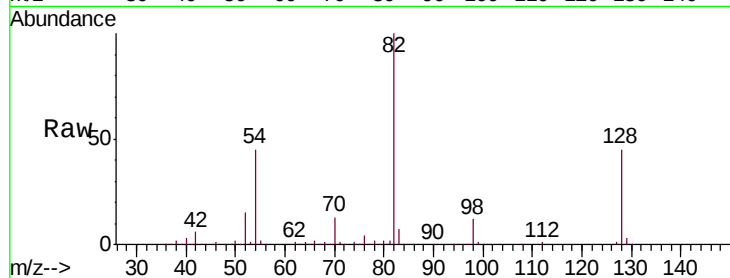
Tgt Ion: 82 Resp: 918975

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 14.5 21.7#

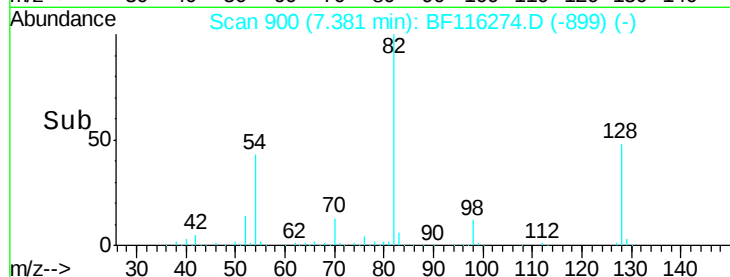


Abundance Ion 82.00 (81.70 to 82.70): BF1

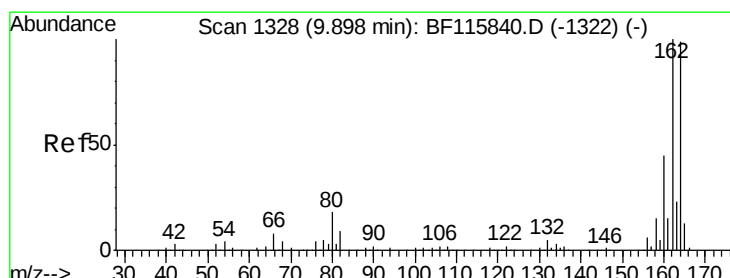
Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF116274.D

Acq: 15 Aug 2019 12:56

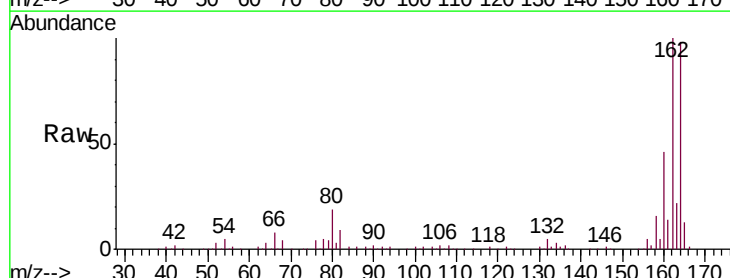
Tgt Ion: 164 Resp: 317938

Ion Ratio Lower Upper

164 100

162 101.8 82.6 124.0

160 46.8 37.6 56.4

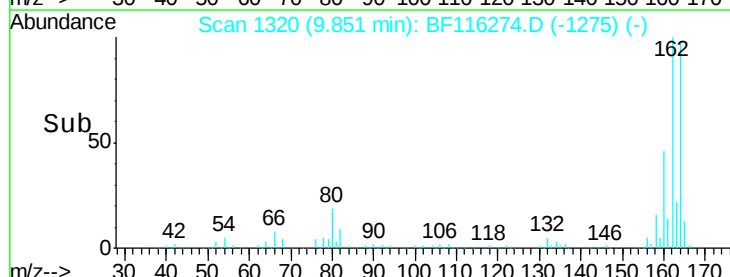


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

Time-->



Time-->



#42

2,4,6-Tribromophenol

Concen: 130.563 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF116274.D

Acq: 15 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

PB122172BL

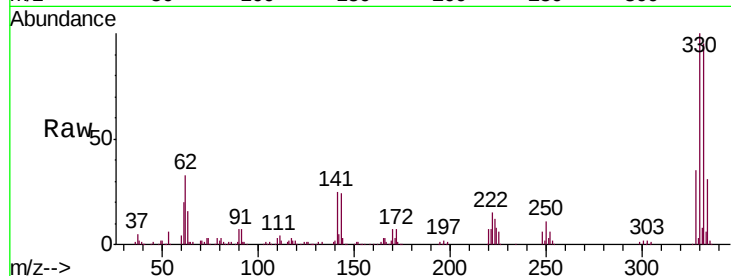
Tgt Ion:330 Resp: 402460

Ion Ratio Lower Upper

330 100

332 94.3 76.8 115.2

141 31.7 26.3 39.5

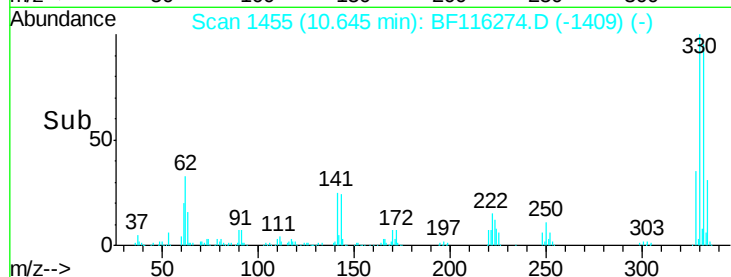


Abundance Ion 329.80 (329.50 to 330.50): E

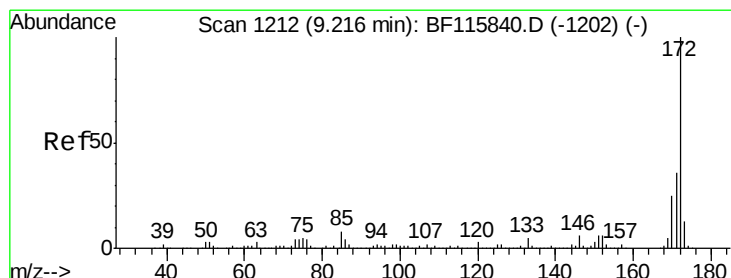
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#45

2-Fluorobiphenyl

Concen: 91.125 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BF116274.D

Acq: 15 Aug 2019 12:56

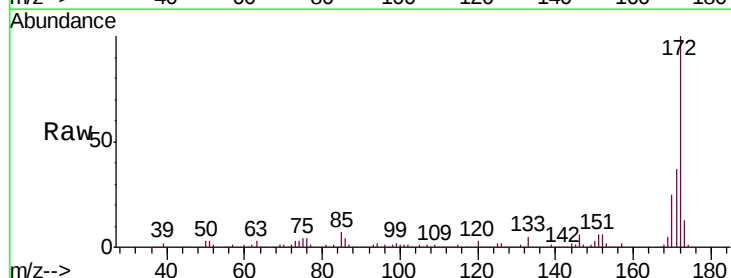
Tgt Ion:172 Resp: 1546760

Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

170 25.1 20.1 30.1

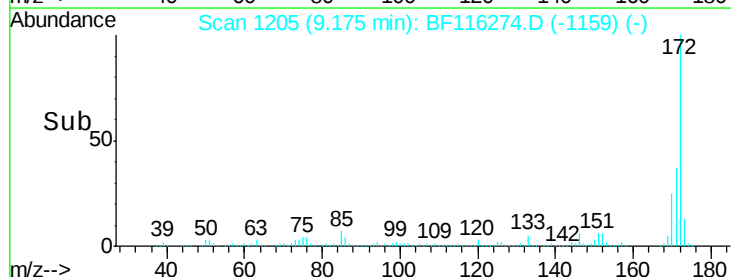


Abundance Ion 172.00 (171.70 to 172.70): E

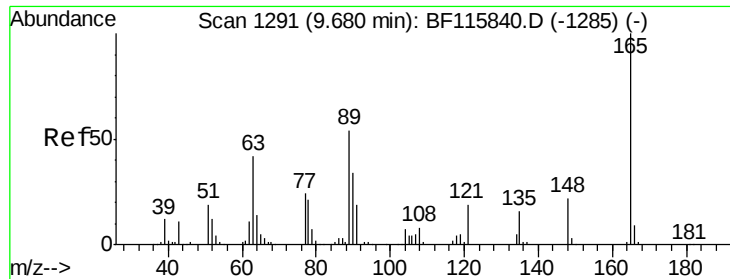
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time-->



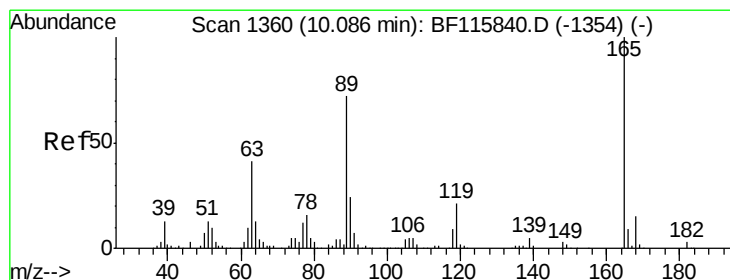
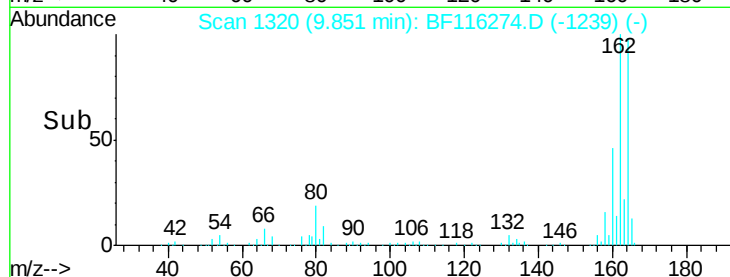
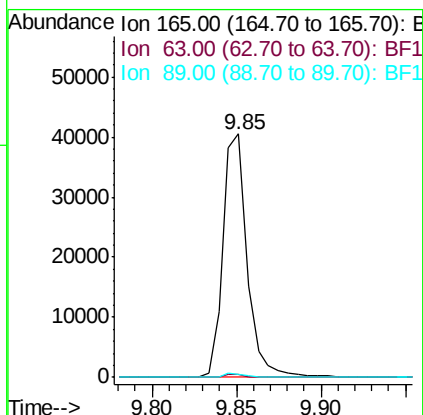
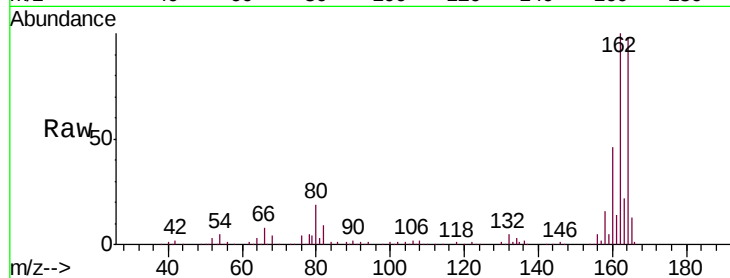
Time-->



#51
 2,6-Dinitrotoluene
 Concen: 8.661 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.18 min
 Lab File: BF116274.D
 Acq: 15 Aug 2019 12:56

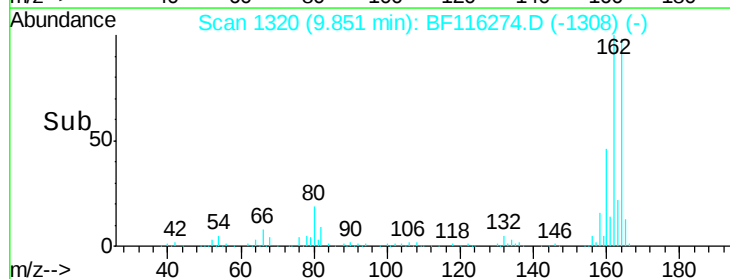
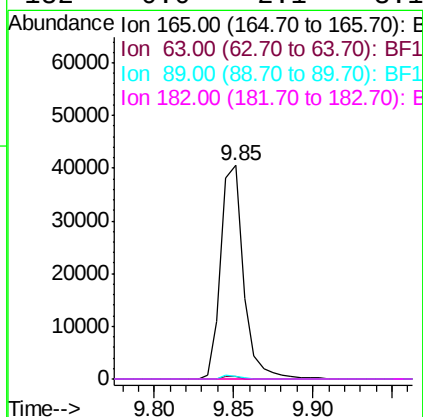
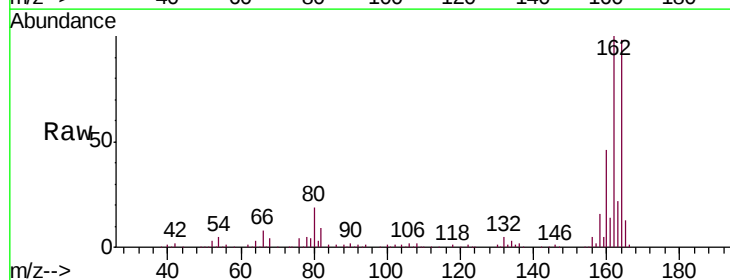
Instrument :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	38.2	57.2#
89	1.4	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.505 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.23 min
 Lab File: BF116274.D
 Acq: 15 Aug 2019 12:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.6	59.4#
89	1.4	62.2	93.2#
182	0.0	2.1	3.1#

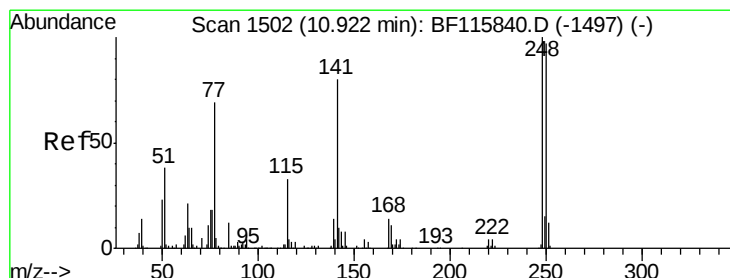
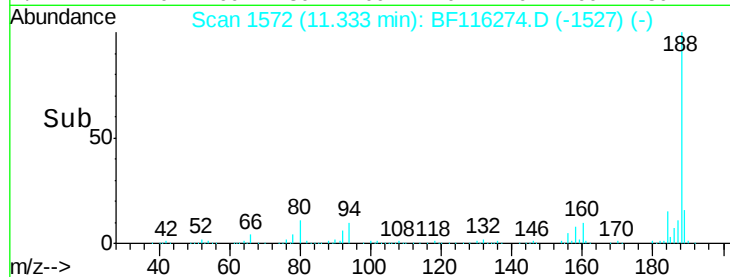
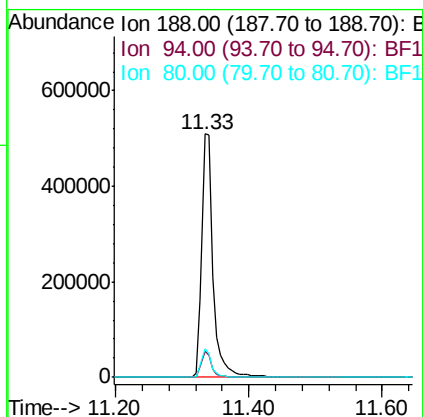
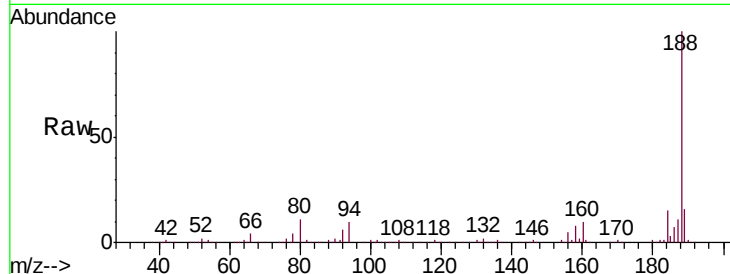




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.04 min
 Lab File: BF116274.D
 Acq: 15 Aug 2019 12:56

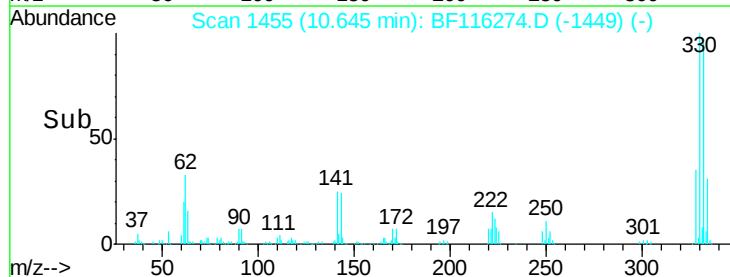
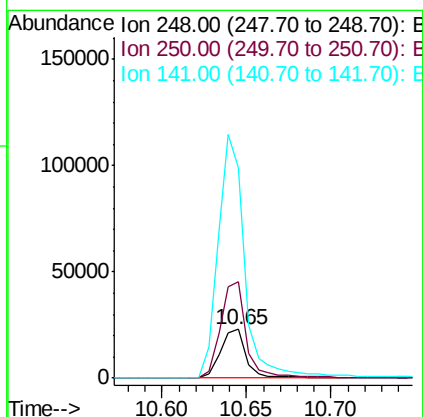
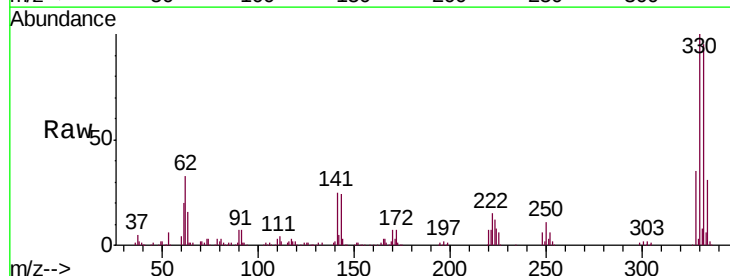
Instrument :
 BNA_F
 ClientSampleId :
 PB122172BL

Tgt Ion:188 Resp: 582380
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.1 12.1
 80 11.5 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.902 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.26 min
 Lab File: BF116274.D
 Acq: 15 Aug 2019 12:56

Tgt Ion:248 Resp: 24325
 Ion Ratio Lower Upper
 248 100
 250 198.0 77.4 116.2#
 141 433.8 56.8 85.2#

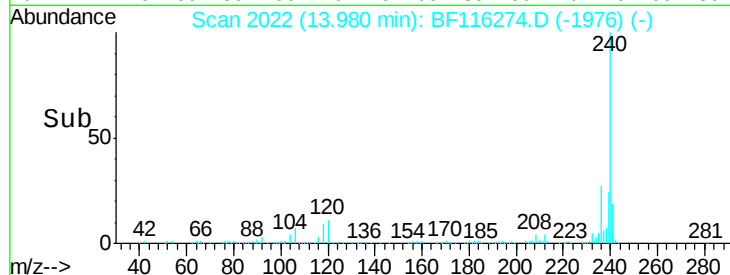
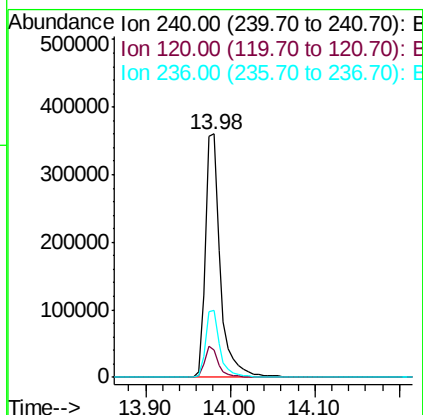
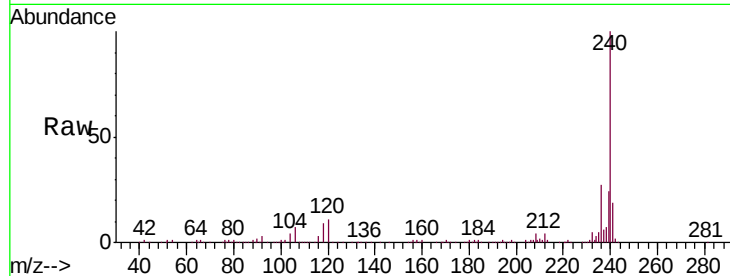




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116274.D
Acq: 15 Aug 2019 12:56

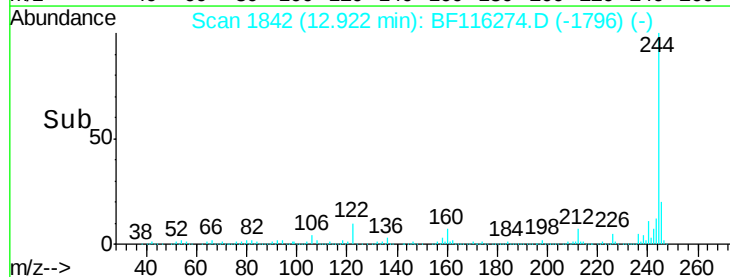
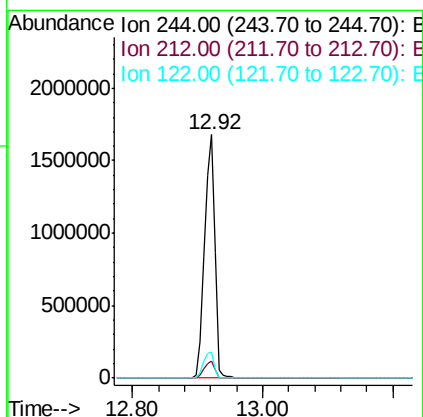
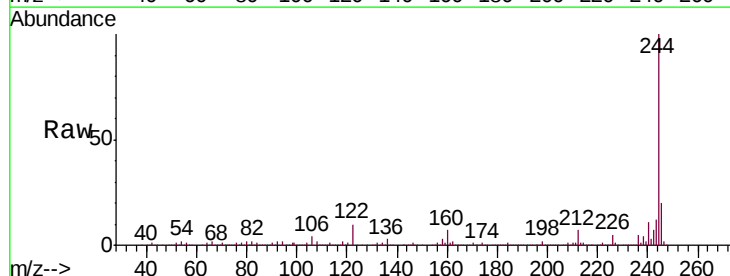
Instrument :
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PB122172BL

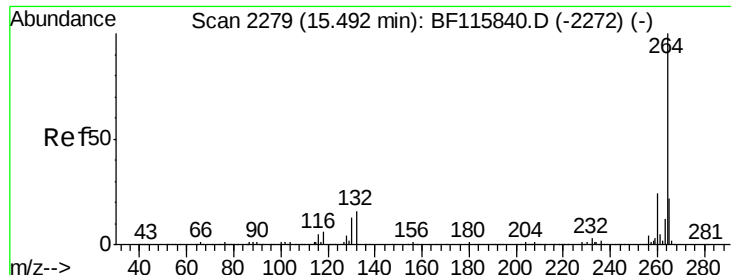
Tgt Ion:240 Resp: 441017
Ion Ratio Lower Upper
240 100
120 11.1 10.7 16.1
236 27.3 22.2 33.2



#79
Terphenyl-d14
Concen: 87.725 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.03 min
Lab File: BF116274.D
Acq: 15 Aug 2019 12:56

Tgt Ion:244 Resp: 1836035
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.4 9.0 13.4

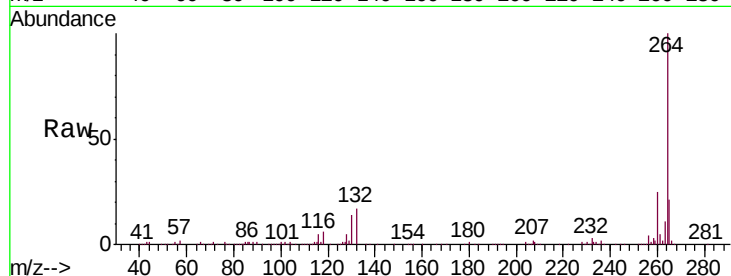




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF116274.D
Acq: 15 Aug 2019 12:56

Instrument :
BNA_F
ClientSampleId :
PB122172BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.3	17.4	26.0



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

