

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116304.D
 Acq On : 16 Aug 2019 3:00
 Operator : HP/JU
 Sample : K4319-07RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 05:13:49 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

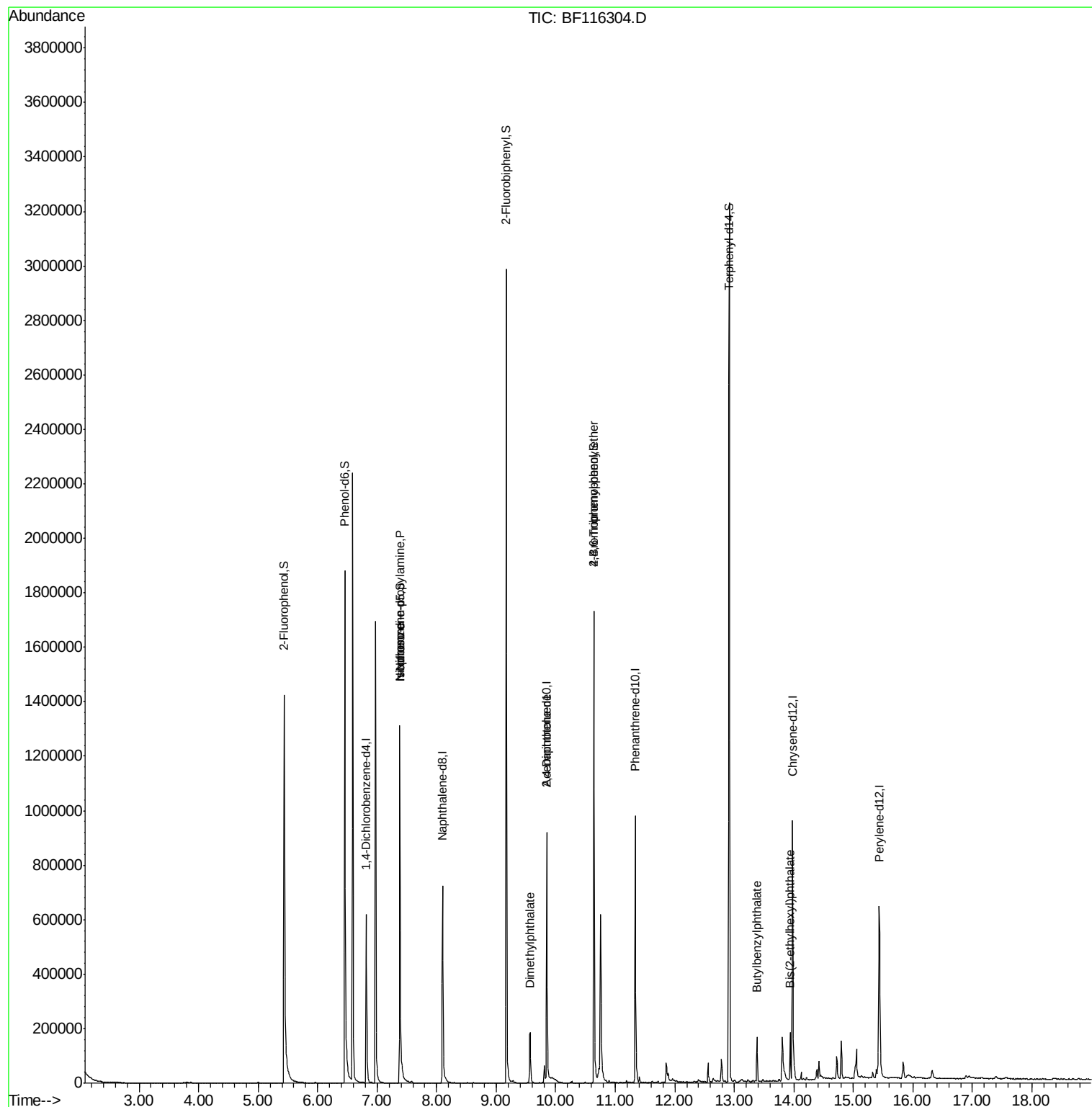
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	98348	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	383664	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	208295	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	384180	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	342774	20.00	ng	-0.04
87) Perylene-d12	15.43	264	326276	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	604699	102.93	ng	-0.03
7) Phenol-d6	6.46	99	793332	107.03	ng	-0.03
23) Nitrobenzene-d5	7.38	82	498998	75.08	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	219683	108.78	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	894385	80.43	ng	-0.04
79) Terphenyl-d14	12.92	244	1075193	66.10	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	65180	14.191	ng	# 80
25) Isophorone	7.38	82	499035	39.265	ng	# 65
50) Dimethylphthalate	9.57	163	99118	6.989	ng	99
57) 2,4-Dinitrotoluene	9.85	165	26782	6.526	ng	# 22
67) 4-Bromophenyl-phenylether	10.64	248	13075	3.179	ng	# 1
80) Butylbenzylphthalate	13.38	149	31939	2.922	ng	95
84) Bis(2-ethylhexyl)phthalate	13.94	149	45479	3.202	ng	99

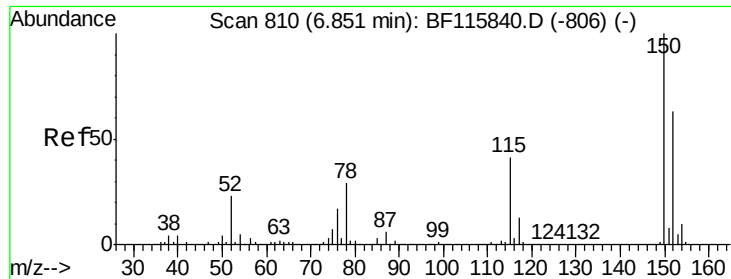
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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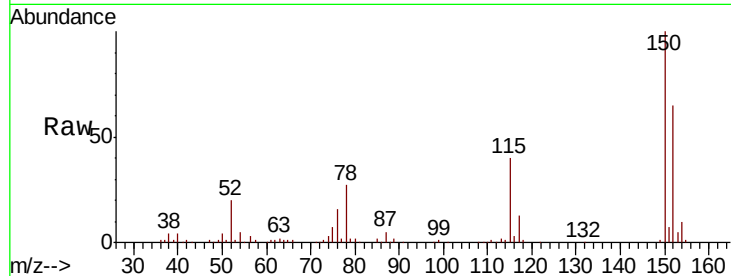


#1

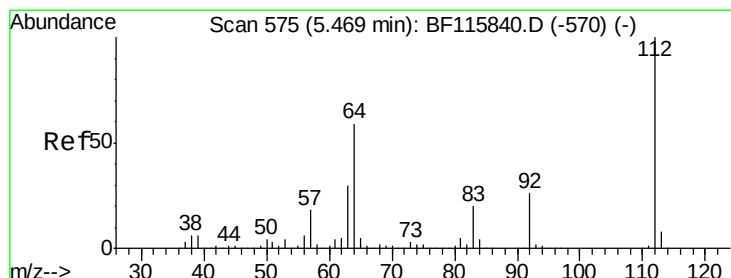
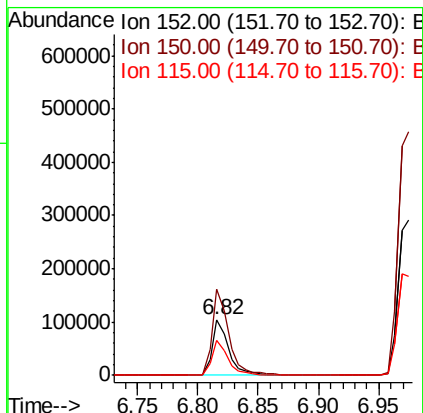
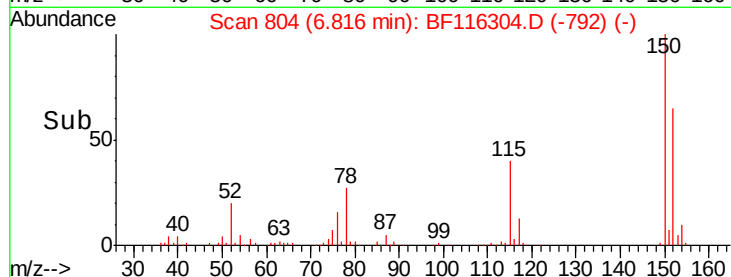
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116304.D
Acq: 16 Aug 2019 3:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98348
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 61.9 49.9 74.9



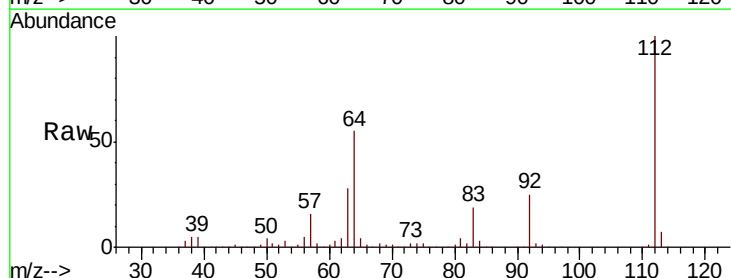
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



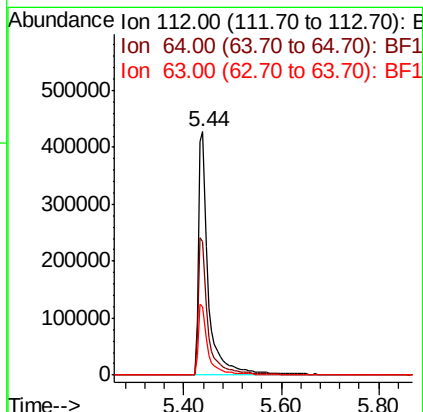
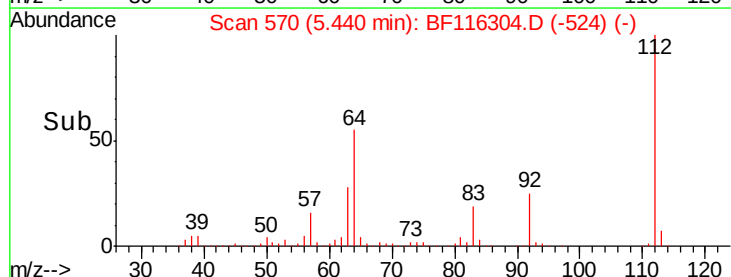
#5

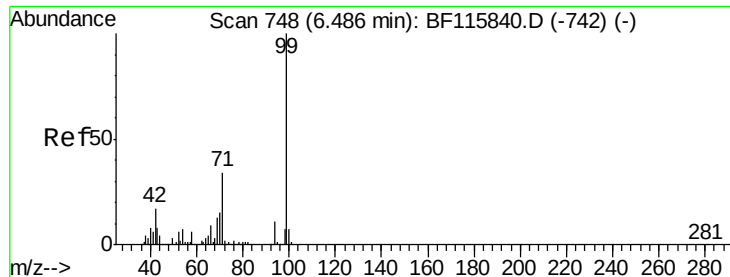
2-Fluorophenol
Concen: 102.931 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116304.D
Acq: 16 Aug 2019 3:00

Tgt Ion:112 Resp: 604699
Ion Ratio Lower Upper
112 100
64 55.1 45.4 68.2
63 28.2 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: 107.032 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116304.D

Acq: 16 Aug 2019 3:00

Instrument :

BNA_F

ClientSampled :

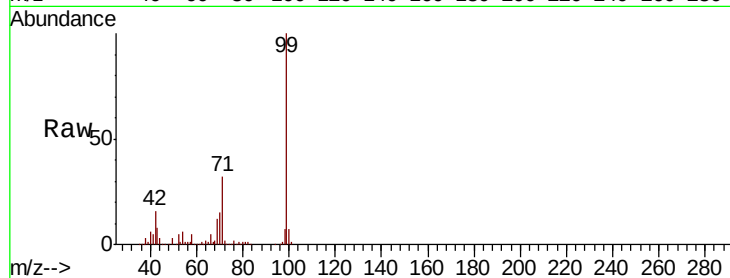
Tot Ion: 99 Resp: 793332

Ion Ratio Lower Upper

99 100

42 15.8 13.8 20.8

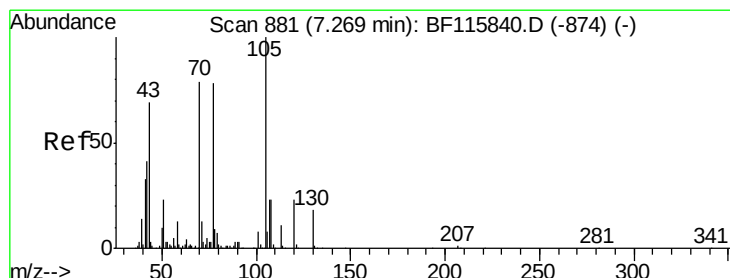
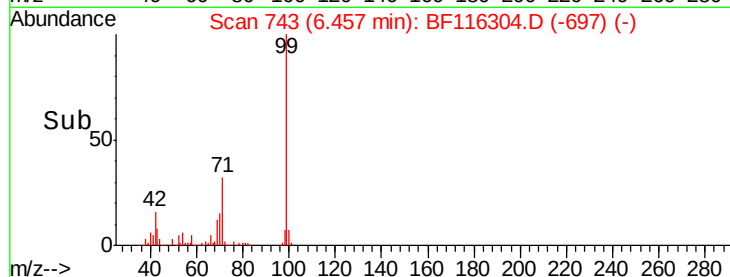
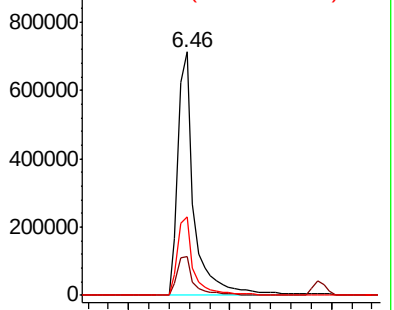
71 32.3 27.3 40.9



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: 14.191 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116304.D

Acq: 16 Aug 2019 3:00

Tgt Ion: 70 Resp: 65180

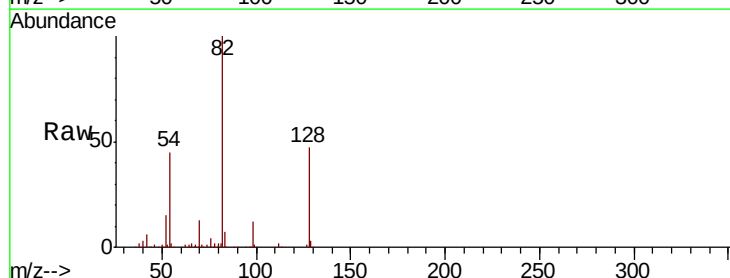
Ion Ratio Lower Upper

70 100

42 43.2 40.9 61.3

101 0.0 7.9 11.9#

130 2.4 16.9 25.3#

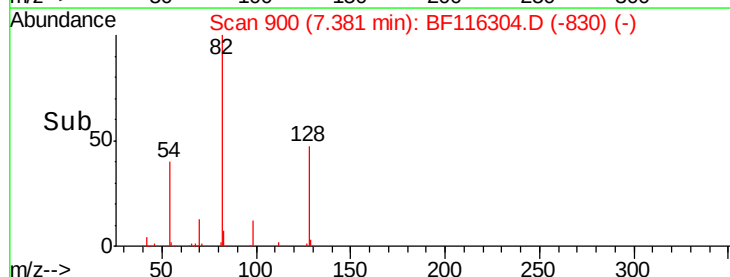
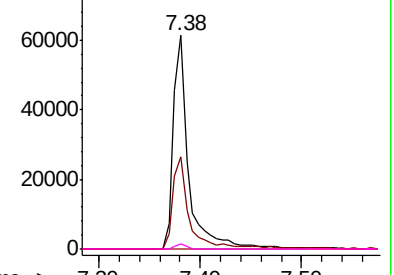


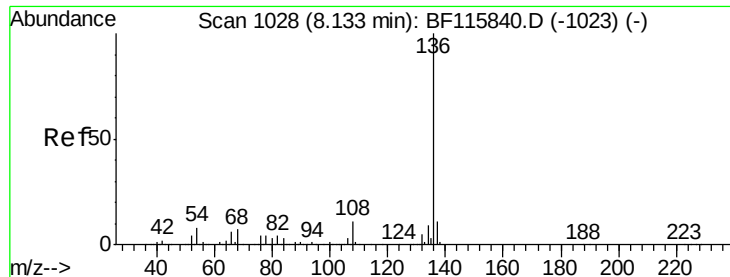
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

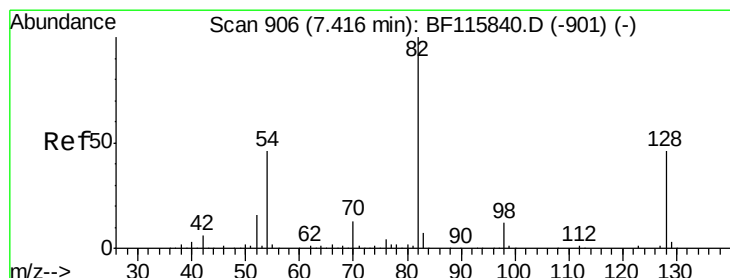
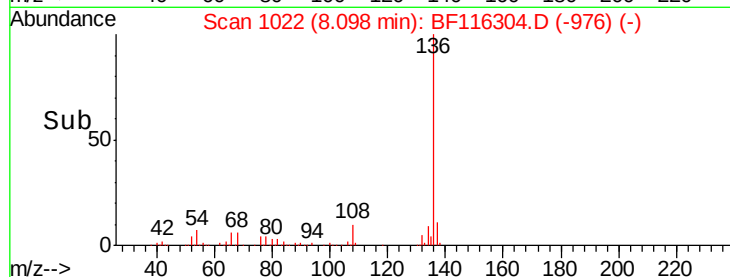
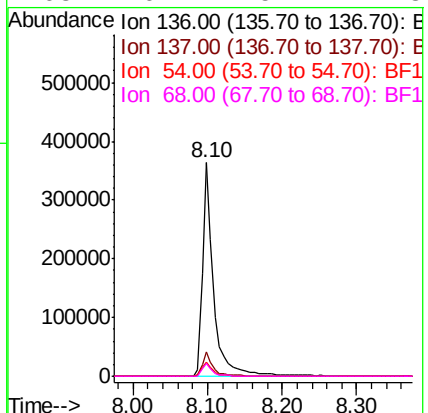
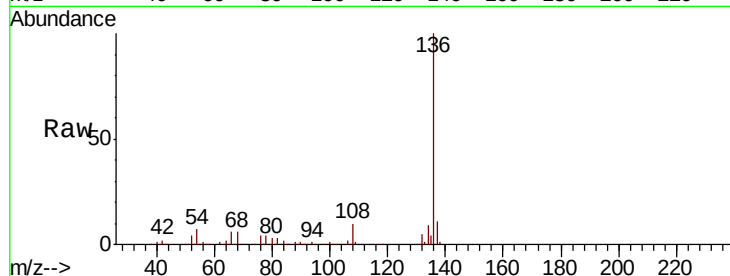




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116304.D
Acq: 16 Aug 2019 3:00

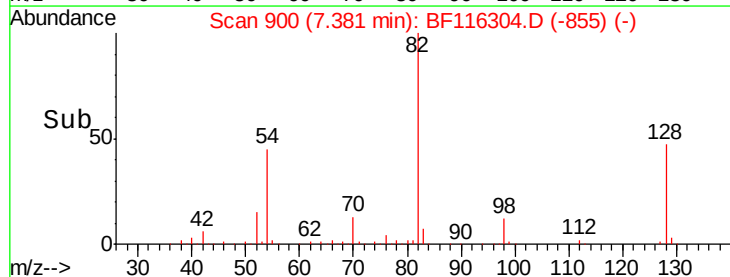
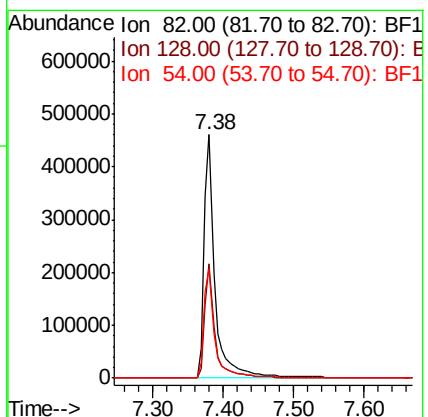
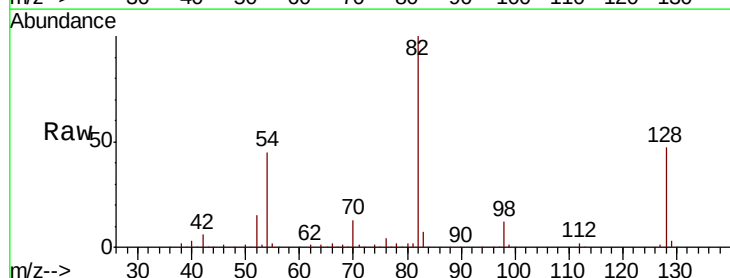
Instrument :
BNA_F
ClientSampled :

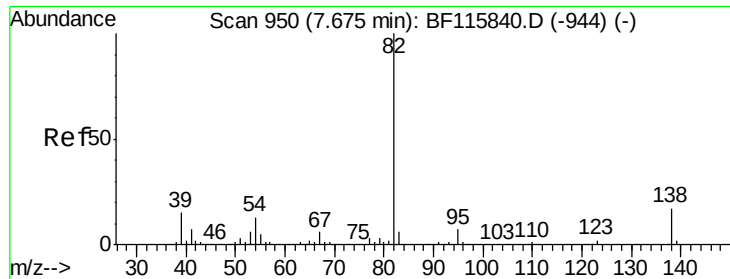
Tot Ion:136	Resp:	383664
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	6.9	5.8 8.6
68	6.1	5.2 7.8



#23
Nitrobenzene-d5
Concen: 75.075 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116304.D
Acq: 16 Aug 2019 3:00

Tgt Ion: 82	Resp:	498998
Ion Ratio	Lower	Upper
82	100	
128	46.9	36.5 54.7
54	44.9	36.0 54.0





#25

Isophorone

Concen: 39.265 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116304.D

Acq: 16 Aug 2019 3:00

Instrument :

BNA_F

ClientSampleId :

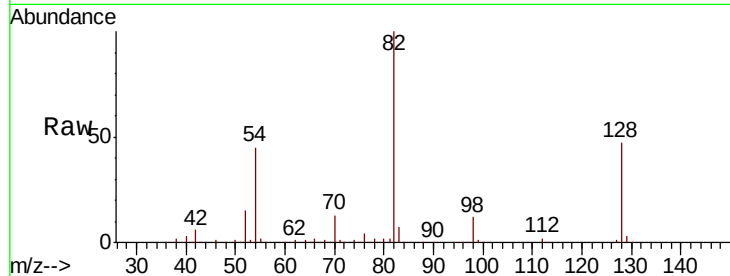
Tot Ion: 82 Resp: 499035

Ion Ratio Lower Upper

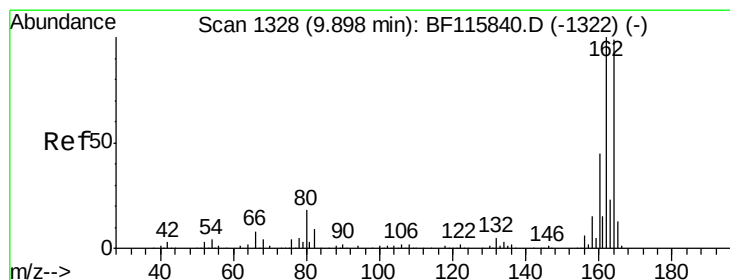
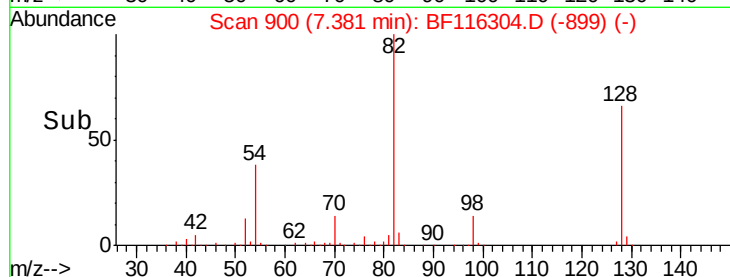
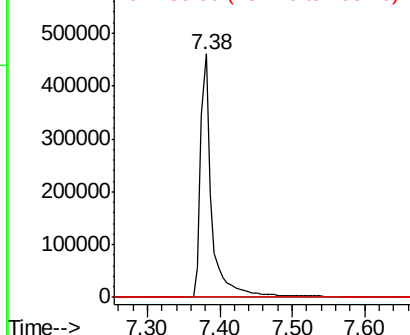
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.04 min

Lab File: BF116304.D

Acq: 16 Aug 2019 3:00

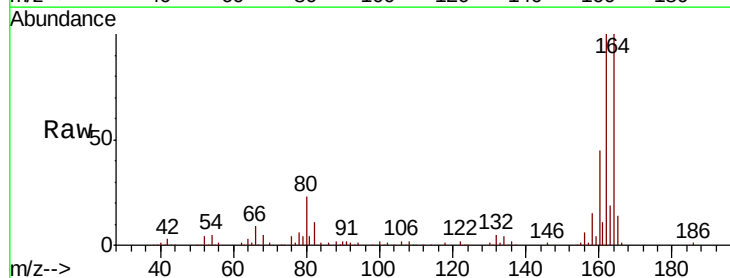
Tgt Ion:164 Resp: 208295

Ion Ratio Lower Upper

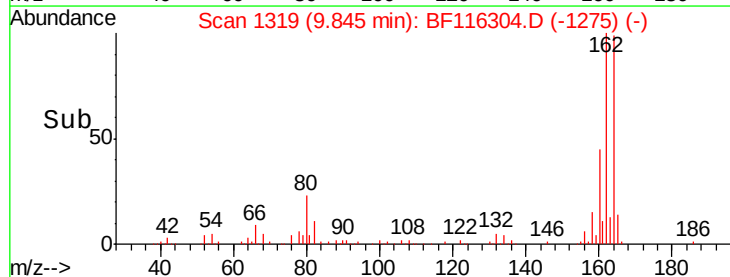
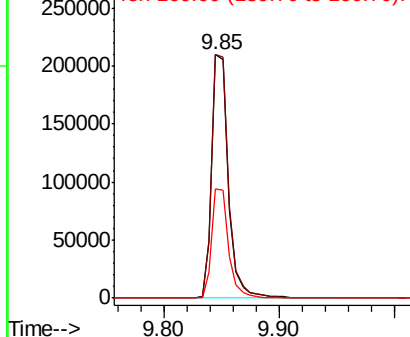
164 100

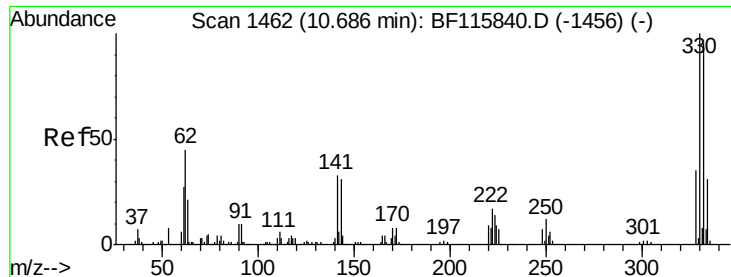
162 100.1 82.6 124.0

160 44.9 37.6 56.4



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

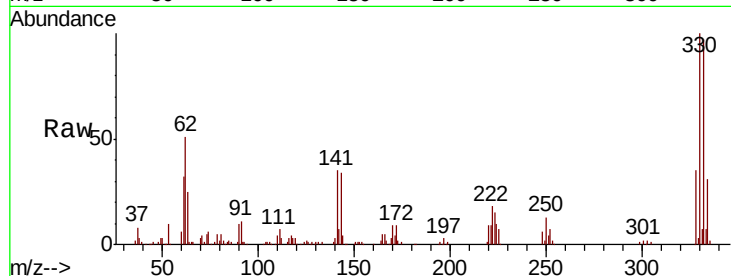




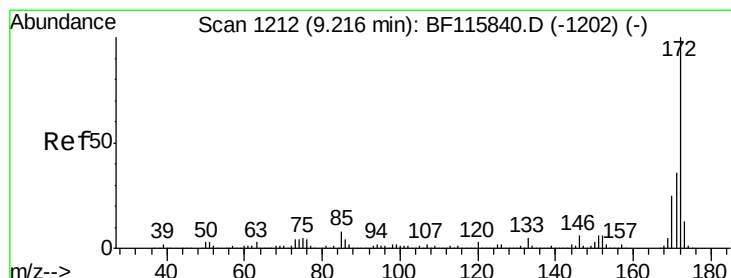
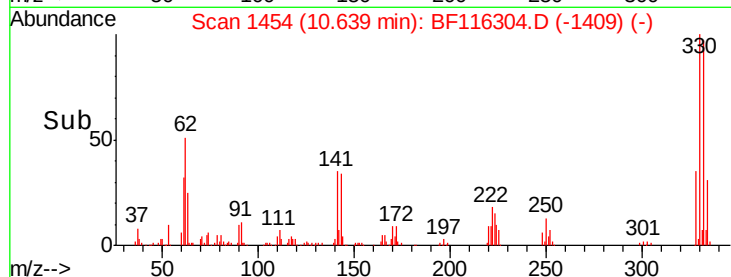
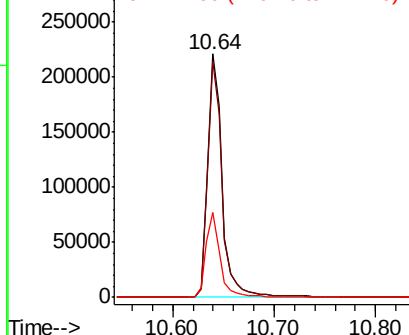
#42
 2,4,6-Tribromophenol
 Concen: 108.782 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116304.D
 Acq: 16 Aug 2019 3:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.8	115.2
141	34.4	26.3	39.5

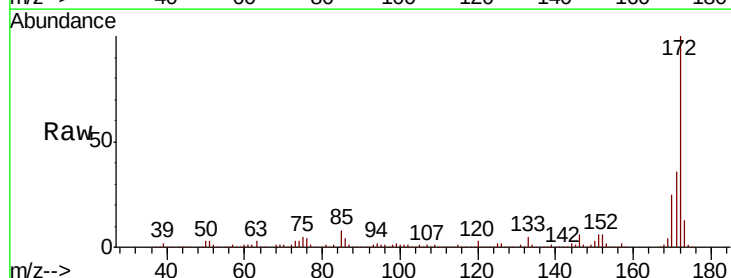


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

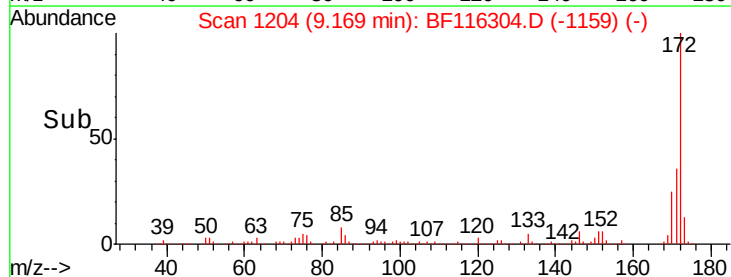
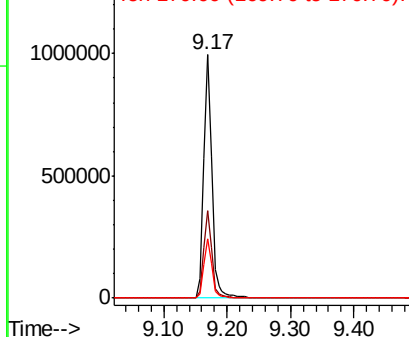


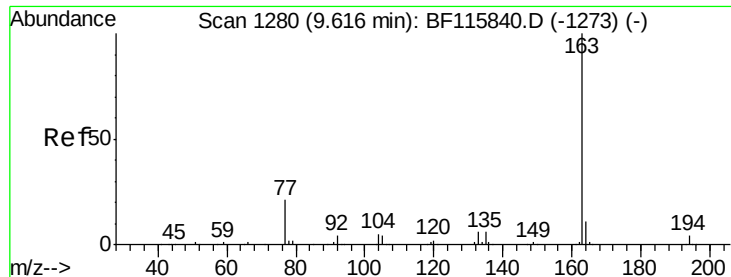
#45
 2-Fluorobiphenyl
 Concen: 80.427 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116304.D
 Acq: 16 Aug 2019 3:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.5	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

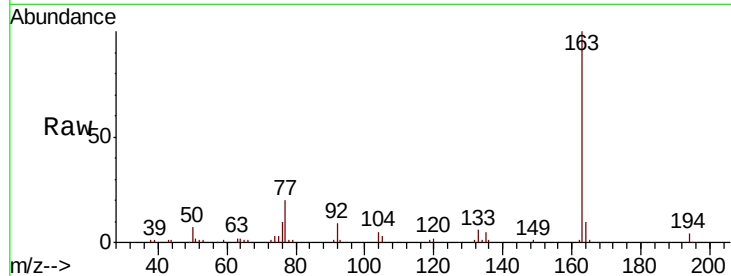




#50
Dimethylphthalate
Concen: 6.989 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF116304.D
Acq: 16 Aug 2019 3:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	9.9	8.4	12.6

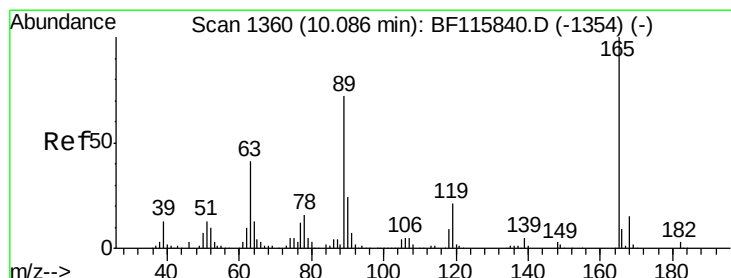
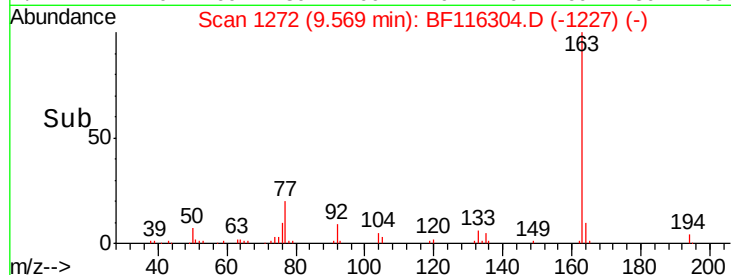
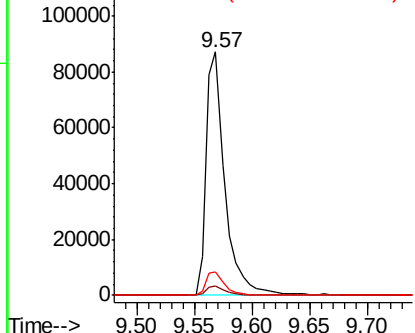


Abundance

Ion 163.00 (162.70 to 163.70): E

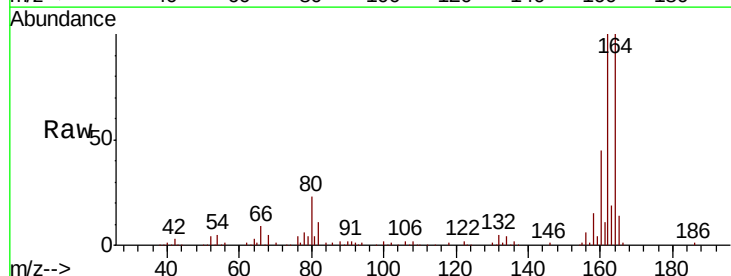
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57
2,4-Dinitrotoluene
Concen: 6.526 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.24 min
Lab File: BF116304.D
Acq: 16 Aug 2019 3:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	39.6	59.4#
89	2.5	62.2	93.2#
182	0.0	2.1	3.1#



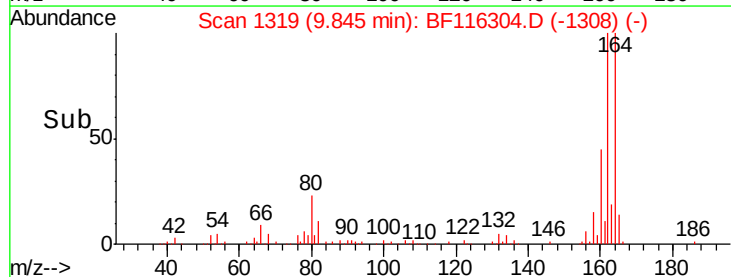
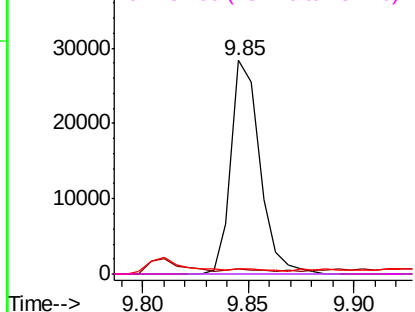
Abundance

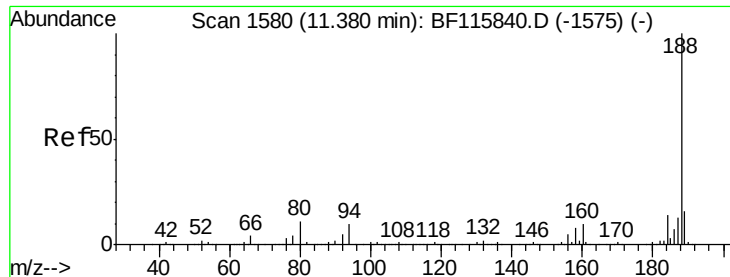
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

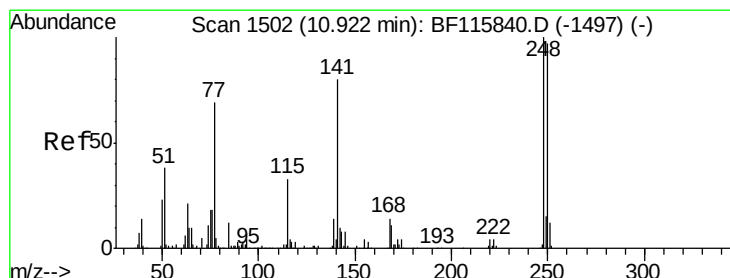
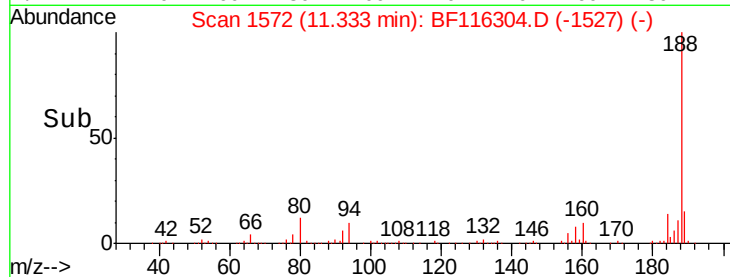
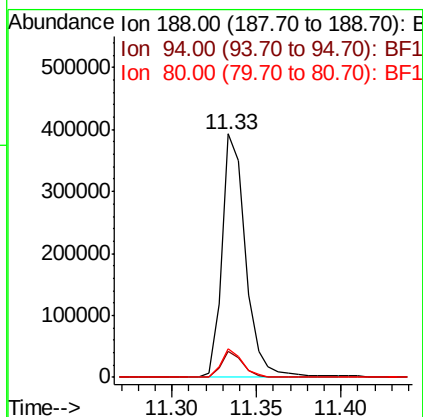
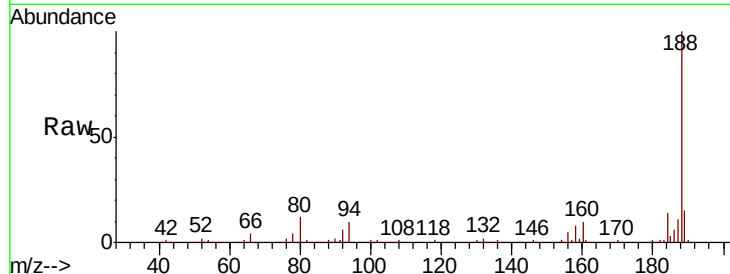




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.04 min
 Lab File: BF116304.D
 Acq: 16 Aug 2019 3:00

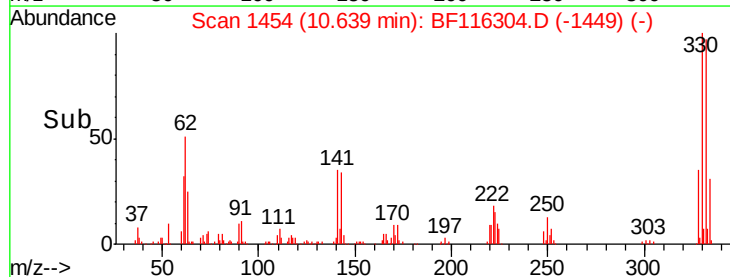
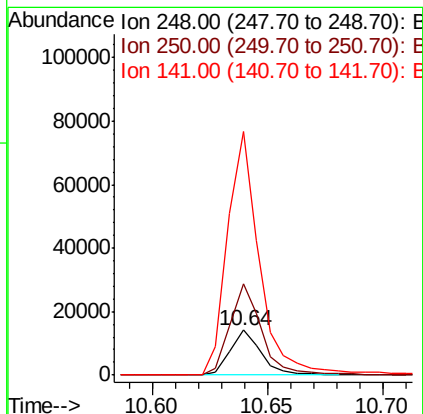
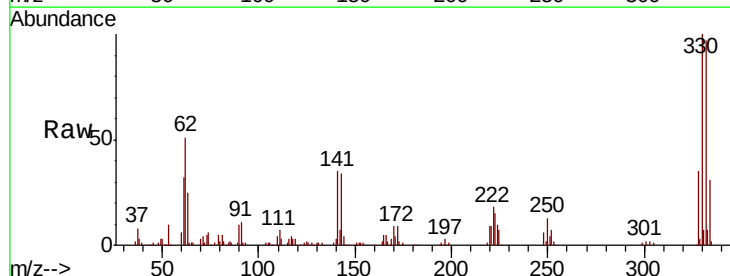
Instrument :
 BNA_F
 ClientSampleId :

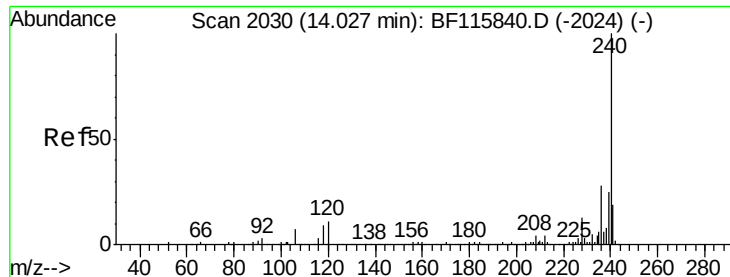
Tot Ion:188 Resp: 384180
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.1 12.1
 80 11.7 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.179 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.27 min
 Lab File: BF116304.D
 Acq: 16 Aug 2019 3:00

Tgt Ion:248 Resp: 13075
 Ion Ratio Lower Upper
 248 100
 250 201.7 77.4 116.2#
 141 539.3 56.8 85.2#

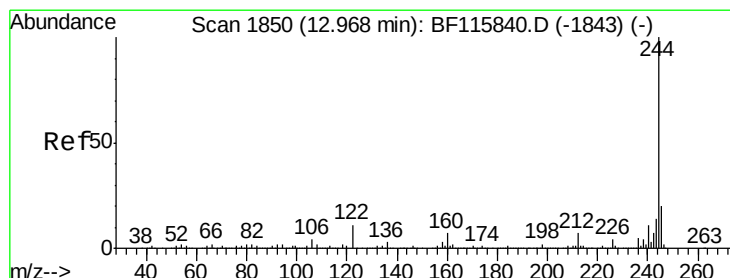
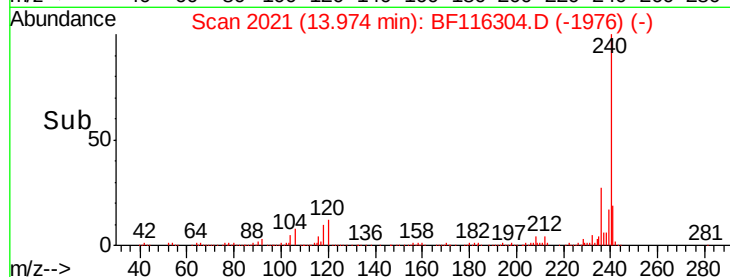
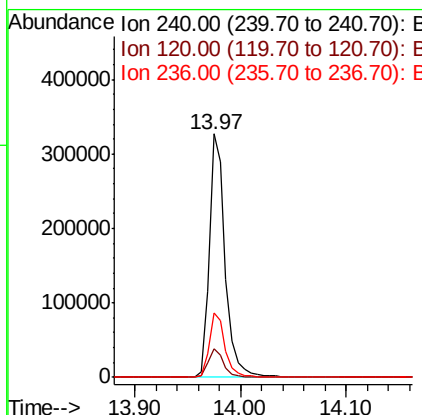
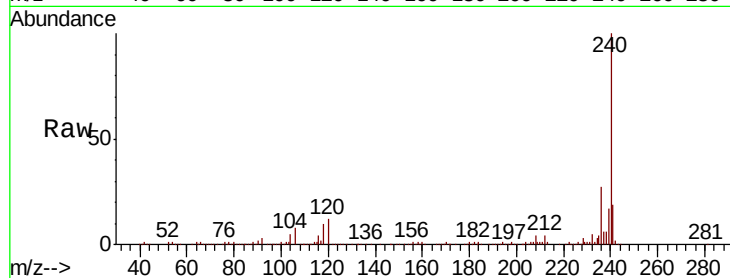




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.04 min
 Lab File: BF116304.D
 Acq: 16 Aug 2019 3:00

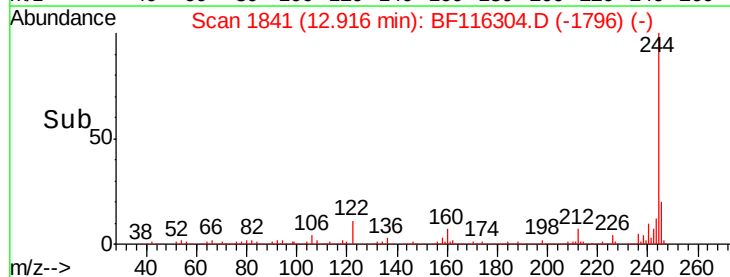
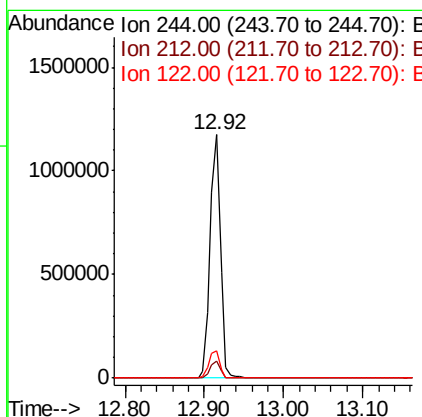
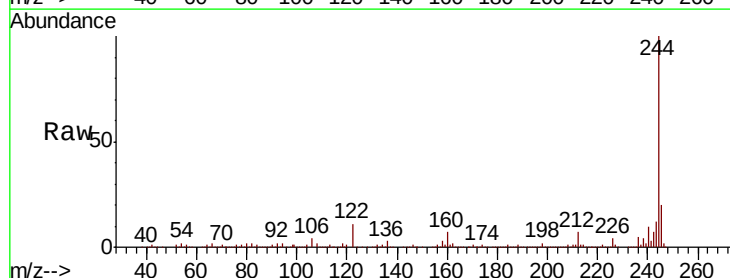
Instrument :
 BNA_F
 ClientSampleId :

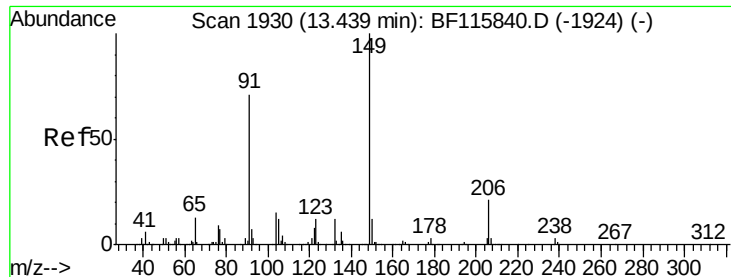
Tot Ion:240 Resp: 342774
 Ion Ratio Lower Upper
 240 100
 120 11.9 10.7 16.1
 236 26.6 22.2 33.2



#79
 Terphenyl-d14
 Concen: 66.096 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF116304.D
 Acq: 16 Aug 2019 3:00

Tgt Ion:244 Resp: 1075193
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.2 9.0 13.4

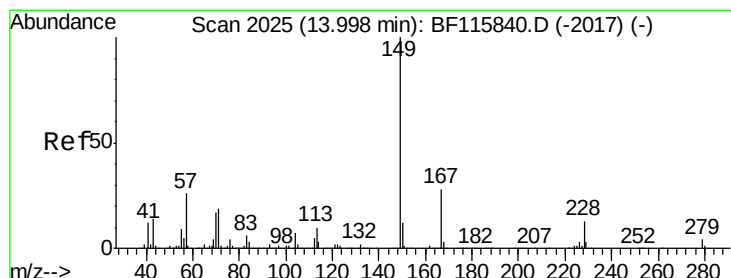
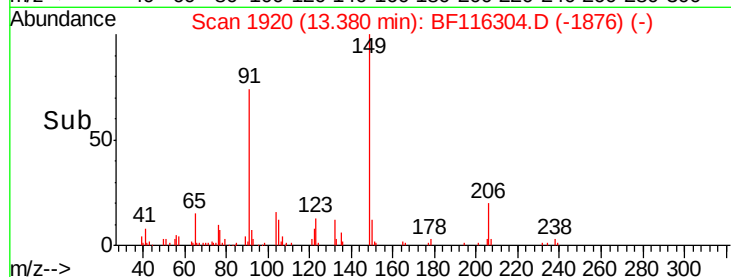
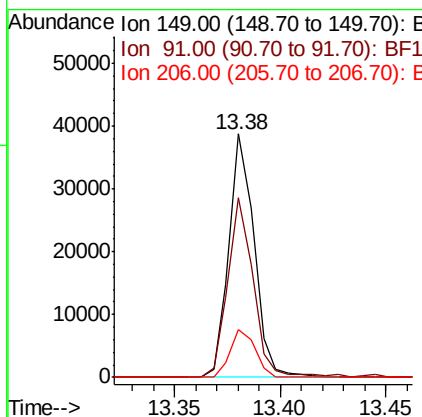
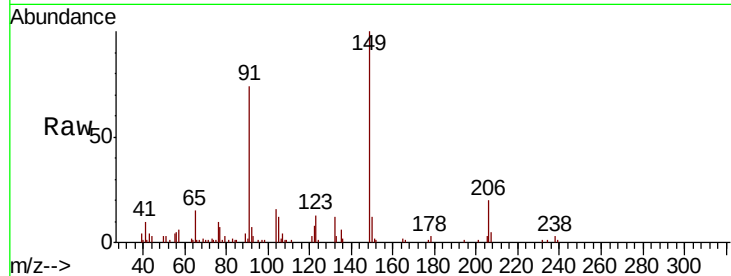




#80
 Butylbenzylphthalate
 Concen: 2.922 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.04 min
 Lab File: BF116304.D
 Acq: 16 Aug 2019 3:00

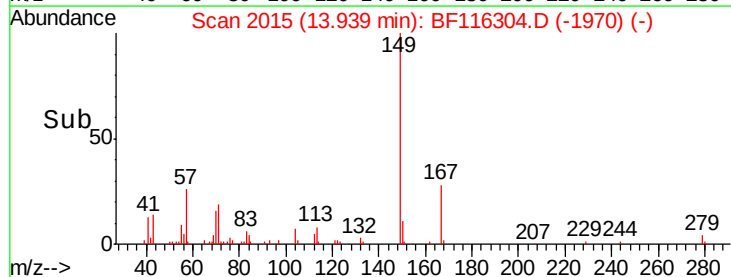
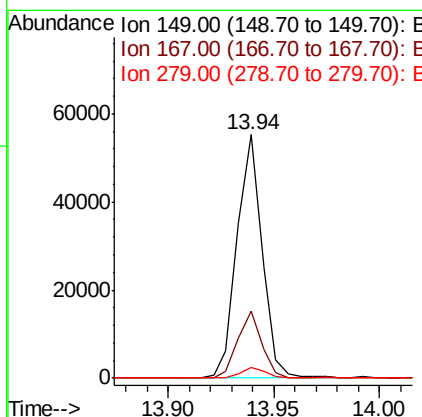
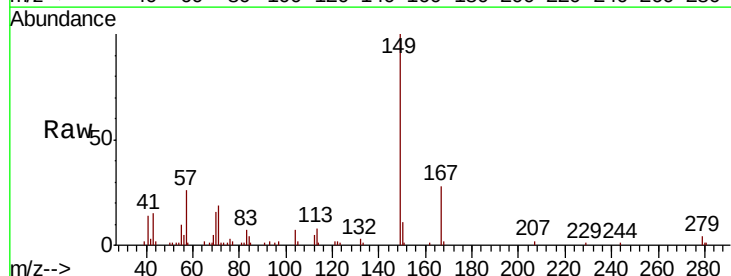
Instrument :
 BNA_F
 ClientSampled :

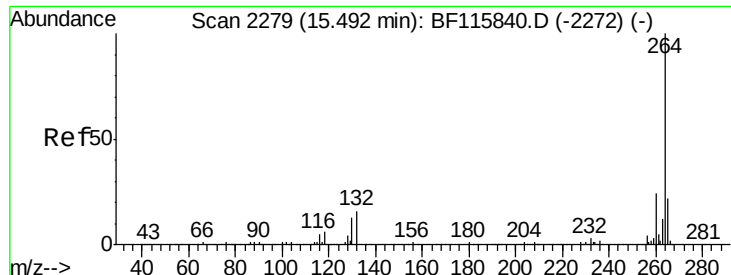
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.8	56.3	84.5
206	19.6	18.0	27.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.202 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.04 min
 Lab File: BF116304.D
 Acq: 16 Aug 2019 3:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.6	32.4
279	4.4	3.0	4.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF116304.D
 Acq: 16 Aug 2019 3:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	21.5	17.4	26.0

