

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081319\
 Data File : BF116243.D
 Acq On : 13 Aug 2019 21:15
 Operator : HP/JU
 Sample : K4229-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-C1-C4-(0-1)-COMP

Quant Time: Aug 13 23:20:22 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

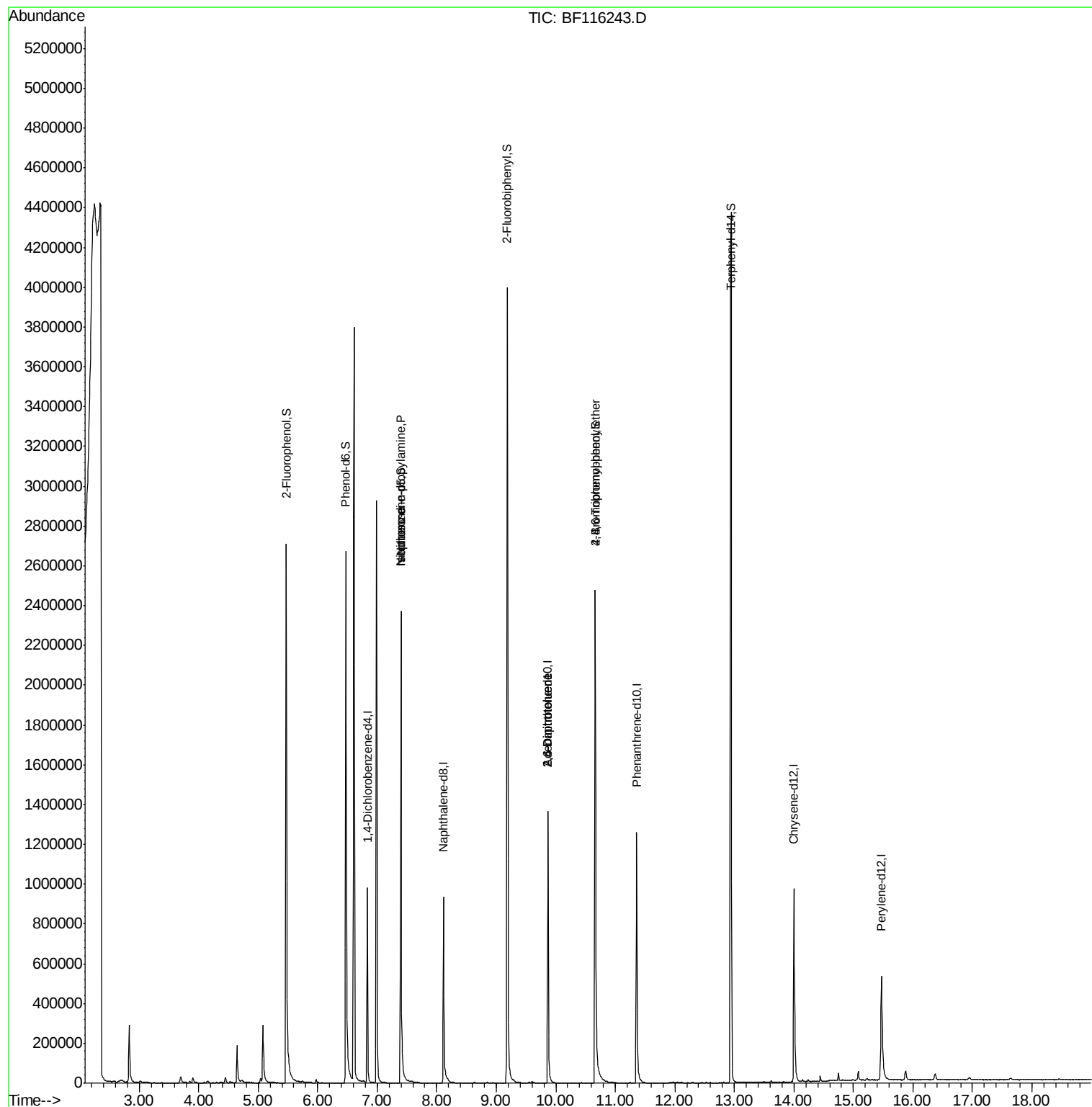
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	148556	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	581225	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	315991	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	589150	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	455666	20.00	ng	0.00
87) Perylene-d12	15.47	264	381818	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1000747	112.77	ng	0.00
7) Phenol-d6	6.47	99	1190293	106.31	ng	-0.01
23) Nitrobenzene-d5	7.40	82	947450	94.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	427326	139.48	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1599475	94.81	ng	-0.01
79) Terphenyl-d14	12.95	244	1886438	87.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	124979	18.014	ng	# 79
25) Isophorone	7.40	82	948280	49.251	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	40463	8.654	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	40465	6.500	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	25333	4.017	ng	# 1

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

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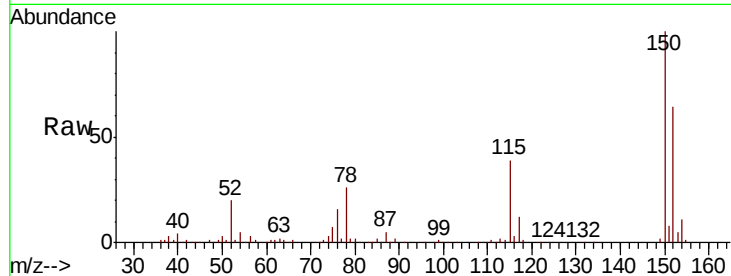


#1

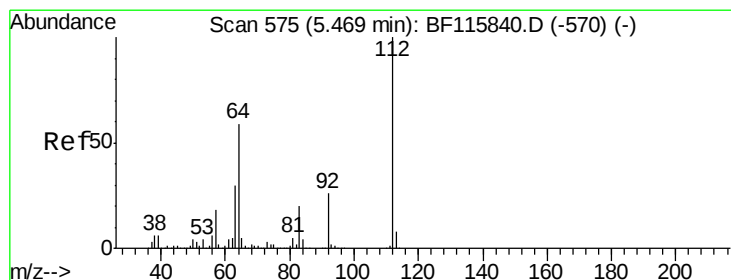
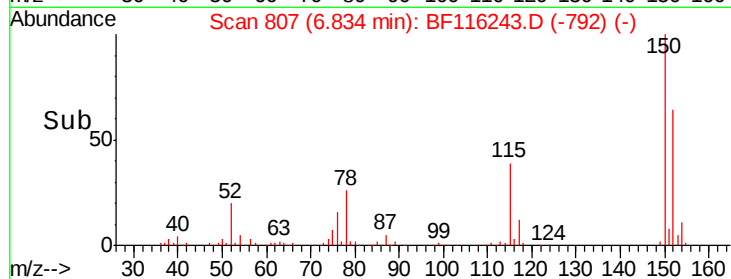
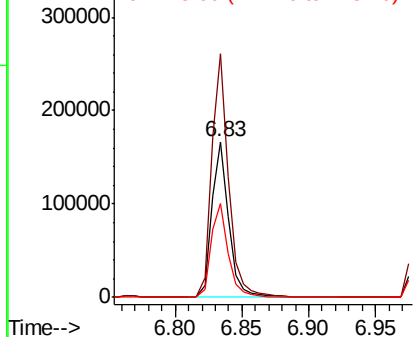
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116243.D
Acq: 13 Aug 2019 21:15

Instrument :
BNA_F
ClientSampleId :
2S-C1-C4-(0-1)-COMP

Tgt Ion:152 Resp: 148556
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 60.7 49.9 74.9



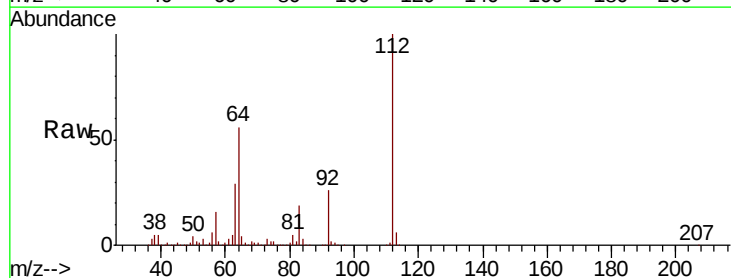
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



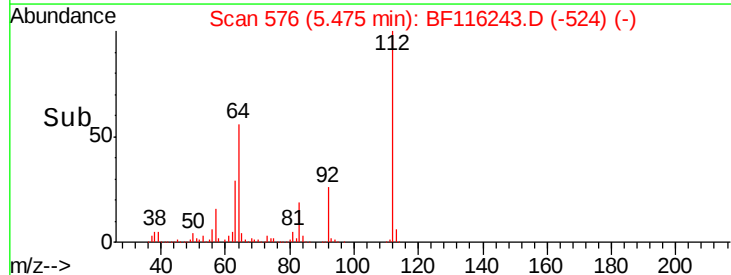
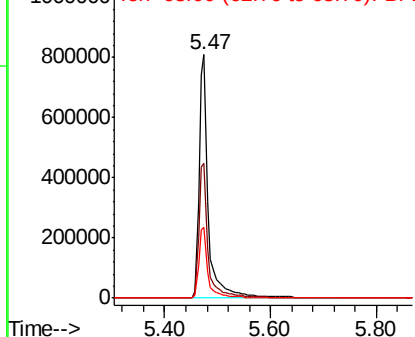
#5

2-Fluorophenol
Concen: 112.773 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116243.D
Acq: 13 Aug 2019 21:15

Tgt Ion:112 Resp: 1000747
Ion Ratio Lower Upper
112 100
64 55.5 45.4 68.2
63 28.9 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: 106.313 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116243.D

Acq: 13 Aug 2019 21:15

Instrument :

BNA_F

ClientSampleId :

2S-C1-C4-(0-1)-COMP

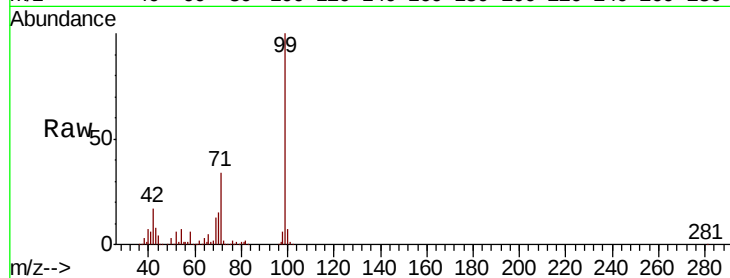
Tgt Ion: 99 Resp: 1190293

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

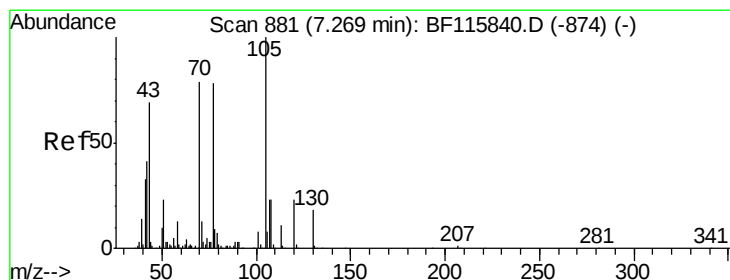
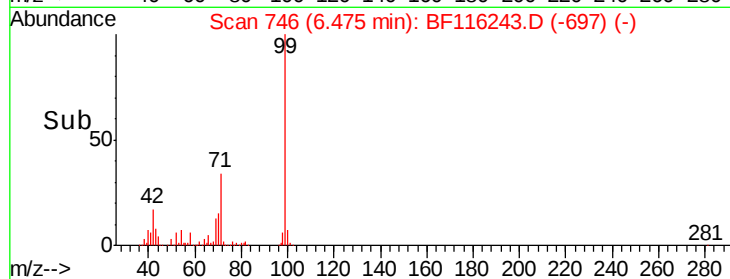
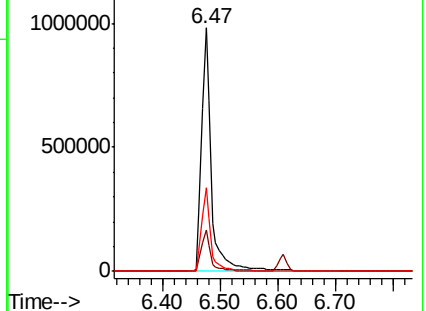
71 34.3 27.3 40.9



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: 18.014 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116243.D

Acq: 13 Aug 2019 21:15

Tgt Ion: 70 Resp: 124979

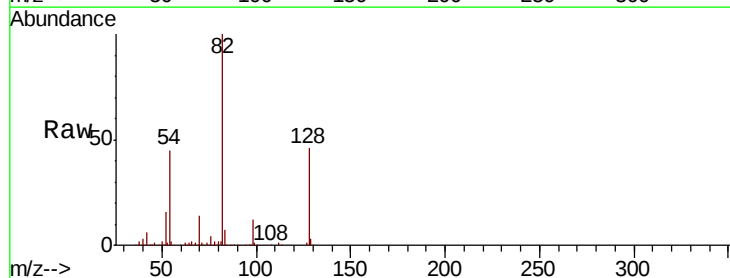
Ion Ratio Lower Upper

70 100

42 43.0 40.9 61.3

101 0.0 7.9 11.9#

130 2.2 16.9 25.3#

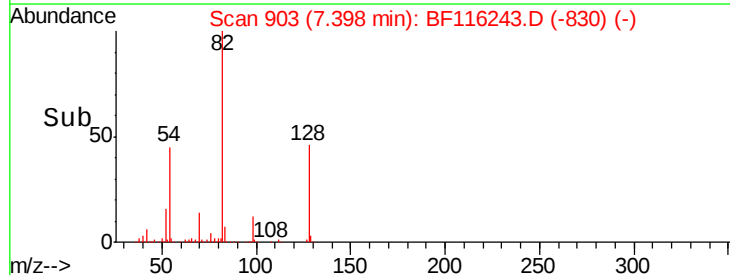
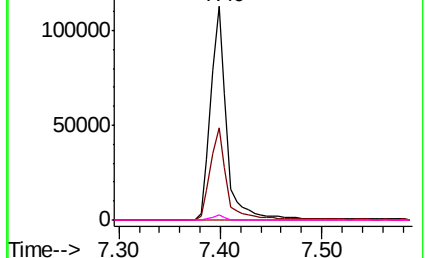


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

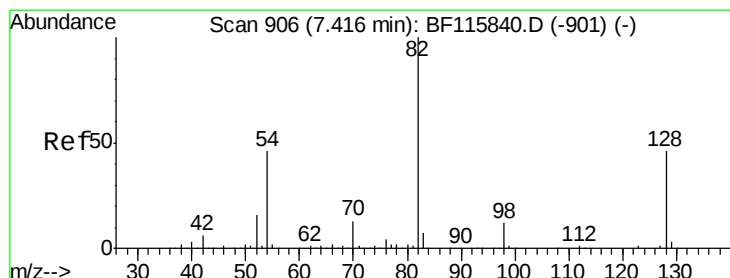
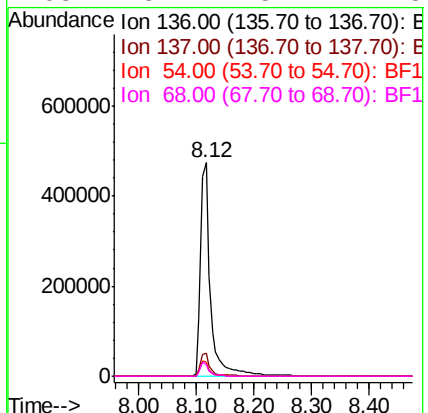
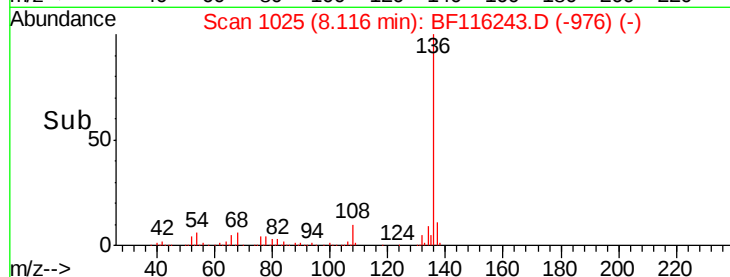
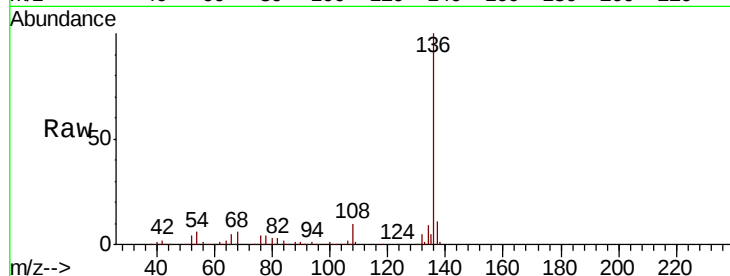




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116243.D
Acq: 13 Aug 2019 21:15

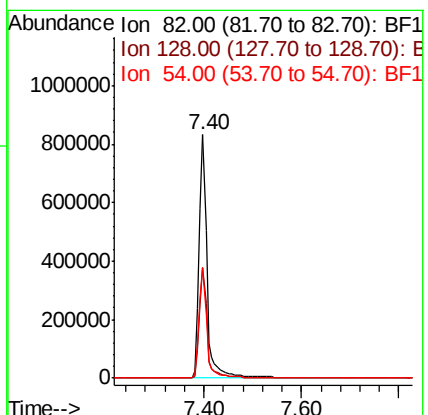
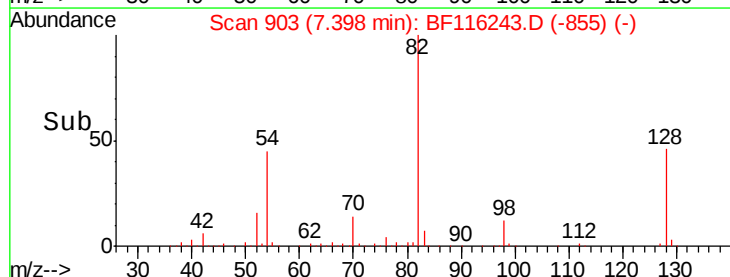
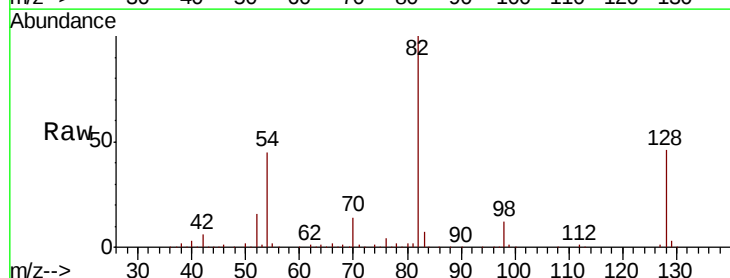
Instrument :
BNA_F
ClientSampleId :
2S-C1-C4-(0-1)-COMP

Tgt Ion:	136	Resp:	581225
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.4	5.8	8.6
68	5.7	5.2	7.8



#23
Nitrobenzene-d5
Concen: 94.094 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116243.D
Acq: 13 Aug 2019 21:15

Tgt Ion:	82	Resp:	947450
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.5	54.7
54	45.3	36.0	54.0





#25

Isophorone

Concen: 49.251 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116243.D

Acq: 13 Aug 2019 21:15

Instrument :

BNA_F

ClientSampleId :

2S-C1-C4-(0-1)-COMP

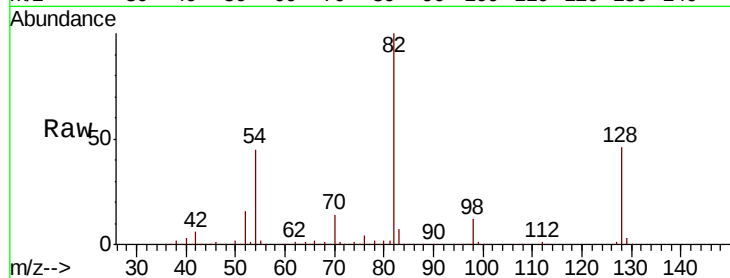
Tgt Ion: 82 Resp: 948280

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

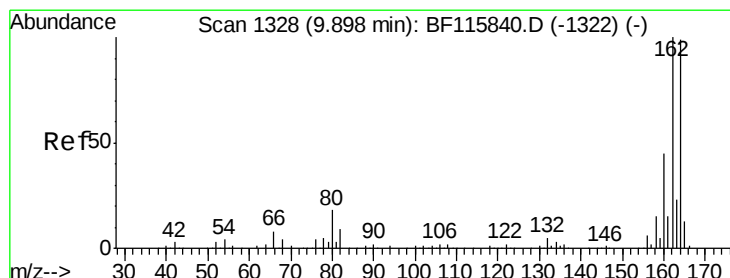
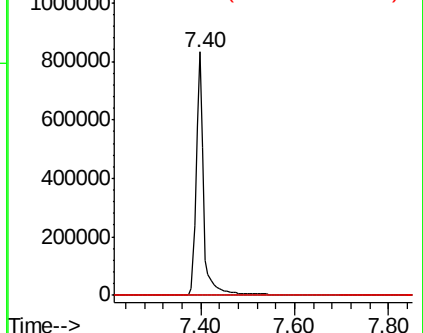
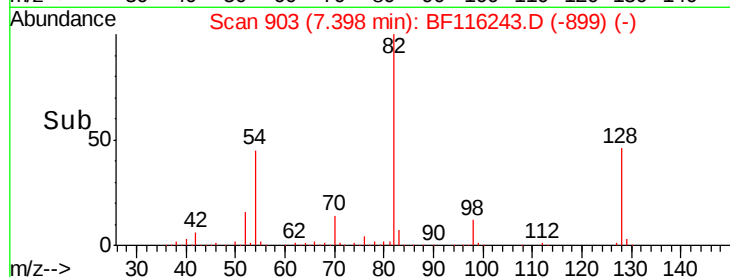
138 0.0 14.5 21.7#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116243.D

Acq: 13 Aug 2019 21:15

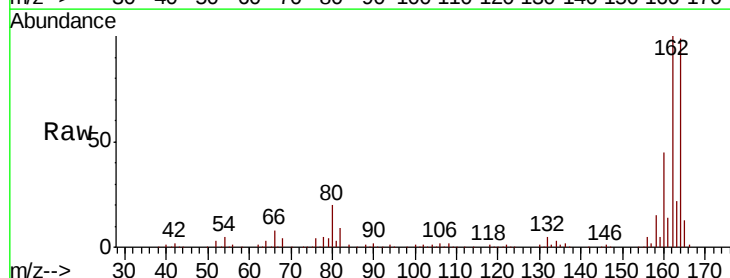
Tgt Ion: 164 Resp: 315991

Ion Ratio Lower Upper

164 100

162 101.4 82.6 124.0

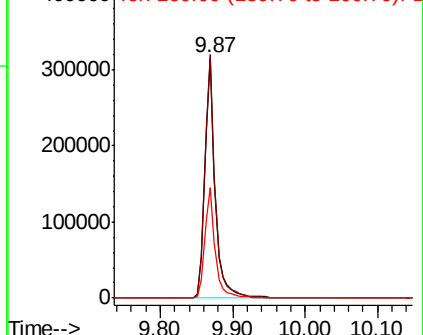
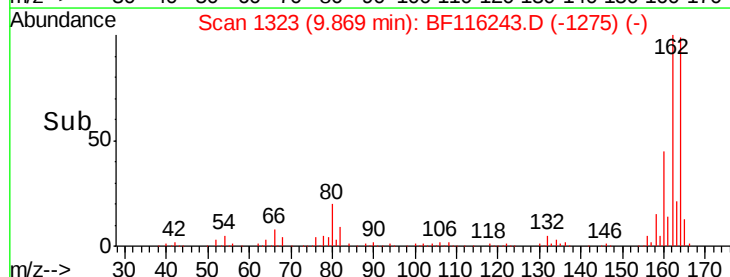
160 45.8 37.6 56.4



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: 139.484 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116243.D

Acq: 13 Aug 2019 21:15

Instrument :

BNA_F

ClientSampleId :

2S-C1-C4-(0-1)-COMP

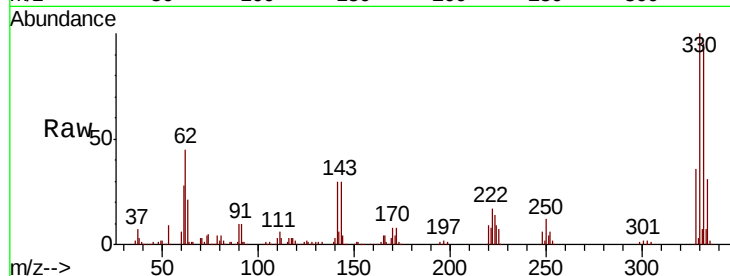
Tgt Ion:330 Resp: 427326

Ion Ratio Lower Upper

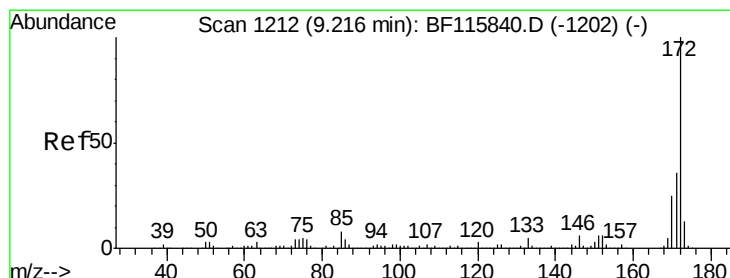
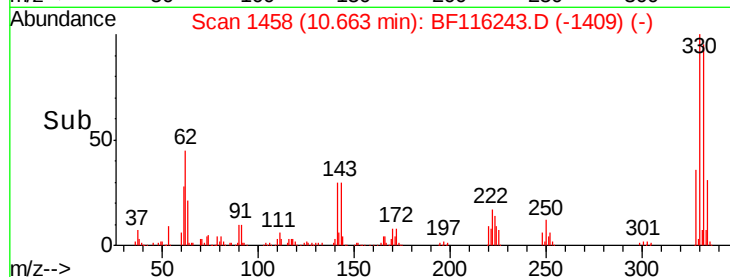
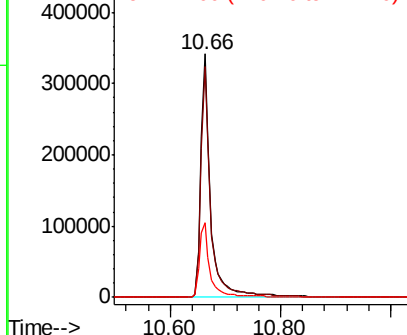
330 100

332 95.5 76.8 115.2

141 33.6 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: 94.811 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116243.D

Acq: 13 Aug 2019 21:15

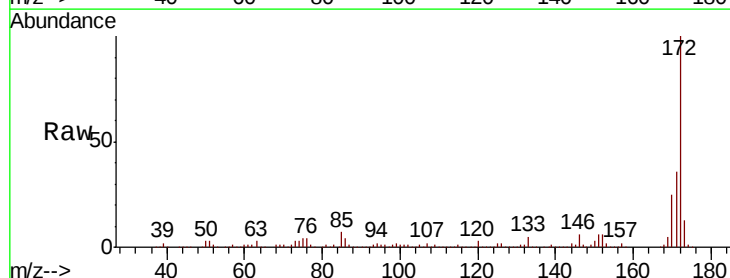
Tgt Ion:172 Resp: 1599475

Ion Ratio Lower Upper

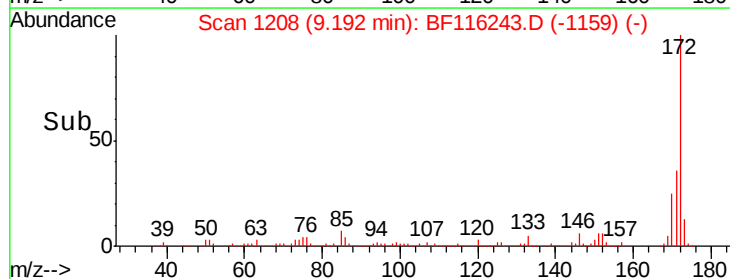
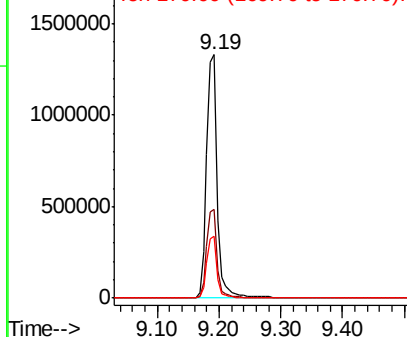
172 100

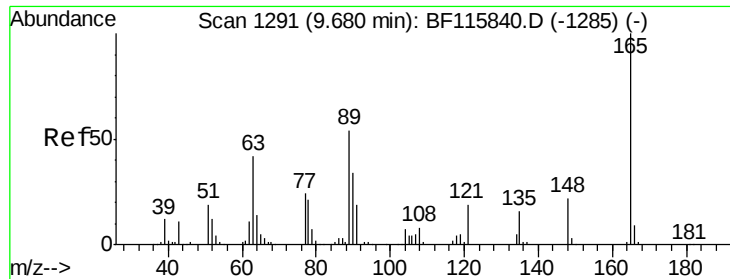
171 36.5 29.6 44.4

170 25.2 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

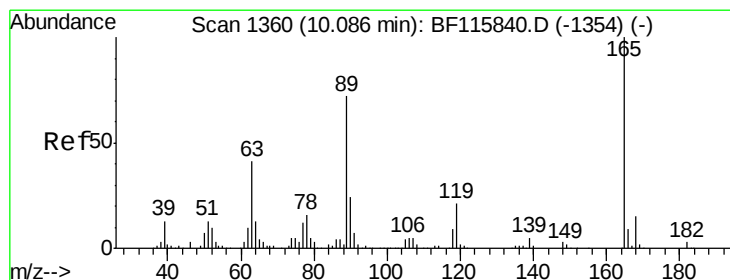
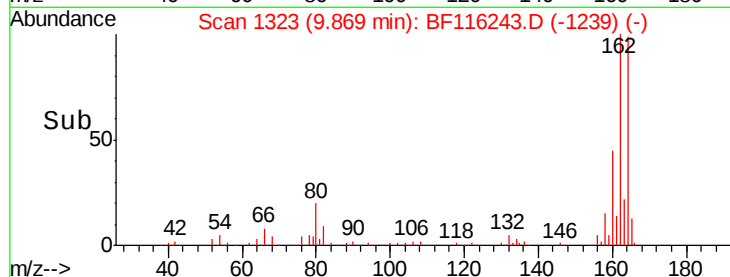
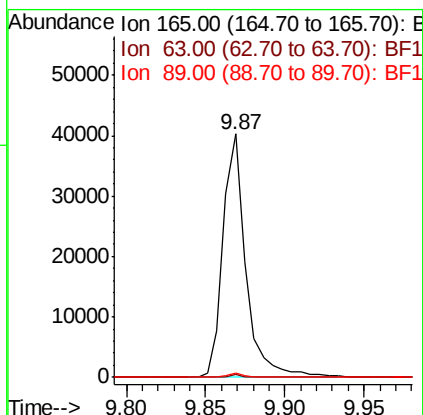
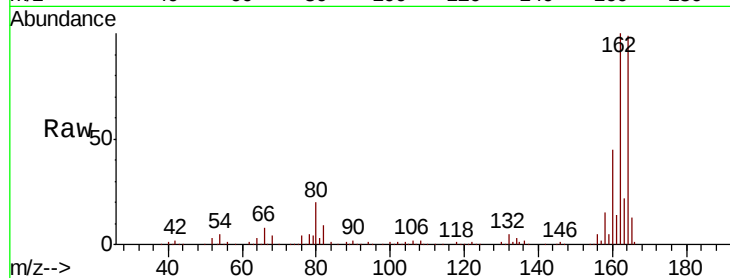




#51
 2,6-Dinitrotoluene
 Concen: 8.654 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116243.D
 Acq: 13 Aug 2019 21:15

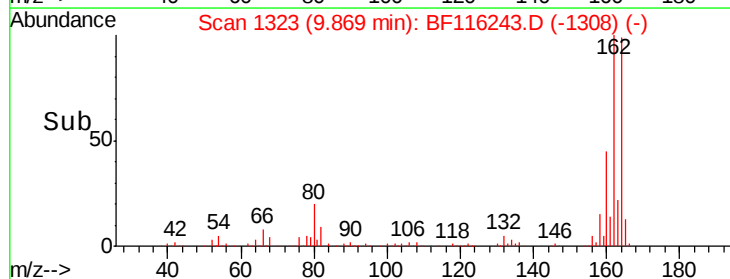
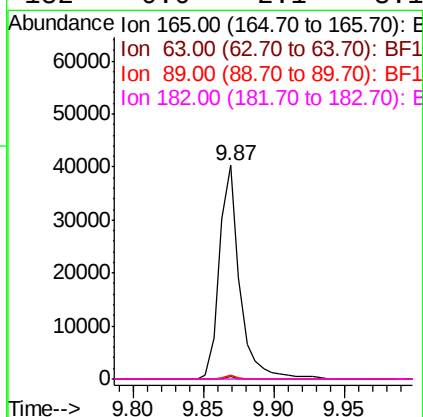
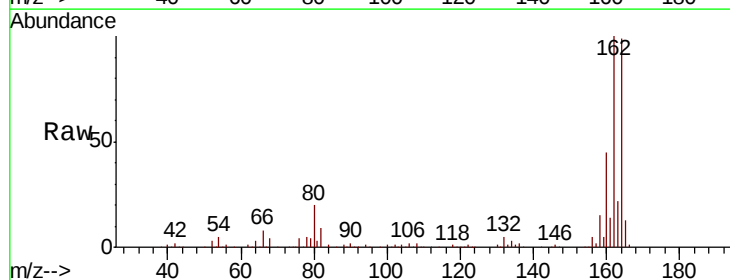
Instrument :
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 2S-C1-C4-(0-1)-COMP

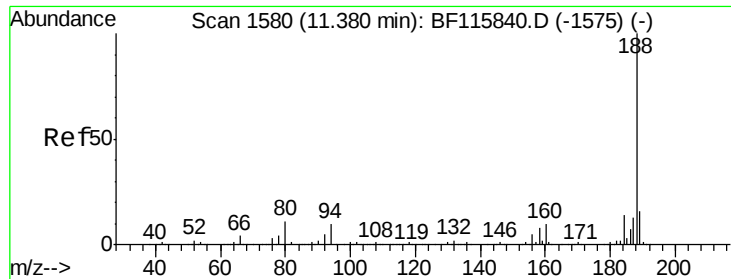
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.2	57.2#
89	1.6	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.500 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116243.D
 Acq: 13 Aug 2019 21:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.6	59.4#
89	1.6	62.2	93.2#
182	0.0	2.1	3.1#

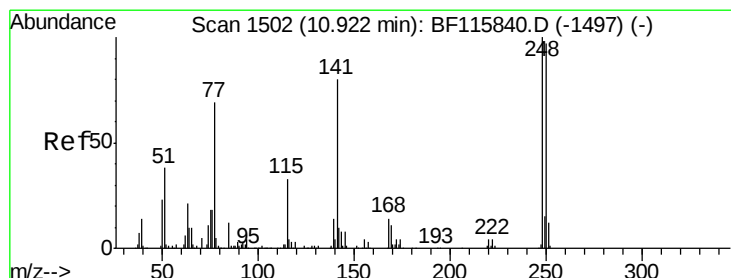
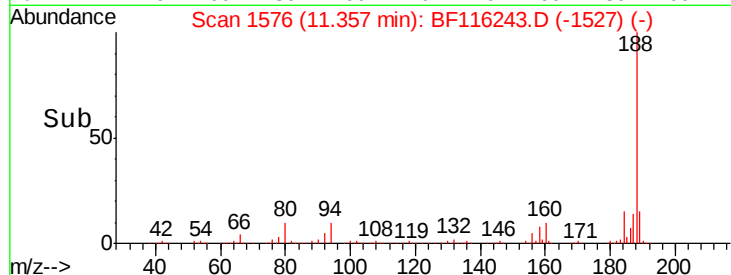
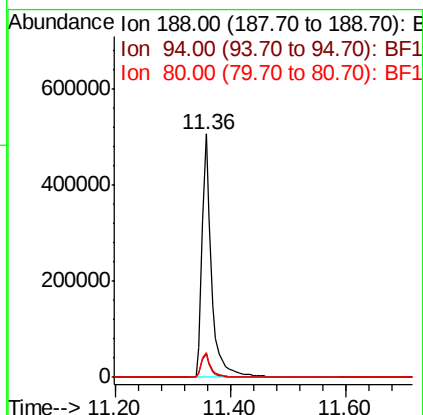
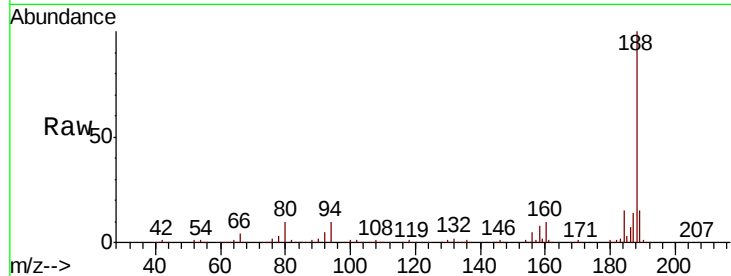




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116243.D
Acq: 13 Aug 2019 21:15

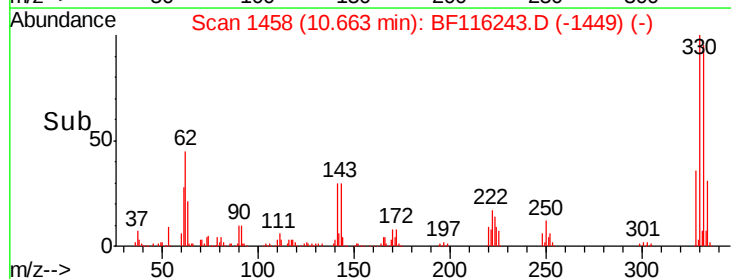
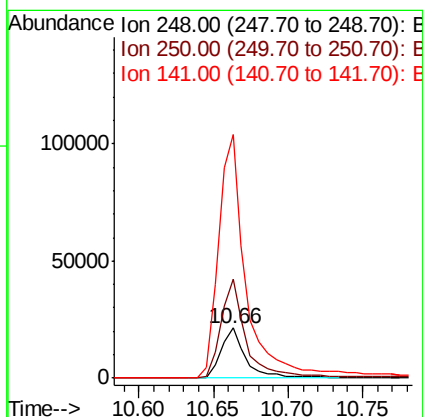
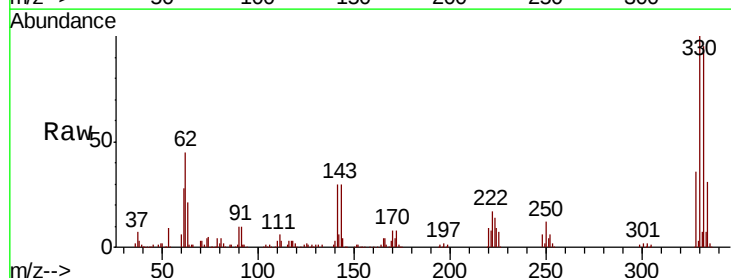
Instrument :
BNA_F
ClientSampleId :
2S-C1-C4-(0-1)-COMP

Tgt Ion:188 Resp: 589150
Ion Ratio Lower Upper
188 100
94 9.6 8.1 12.1
80 10.3 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 4.017 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116243.D
Acq: 13 Aug 2019 21:15

Tgt Ion:248 Resp: 25333
Ion Ratio Lower Upper
248 100
250 197.6 77.4 116.2#
141 485.9 56.8 85.2#

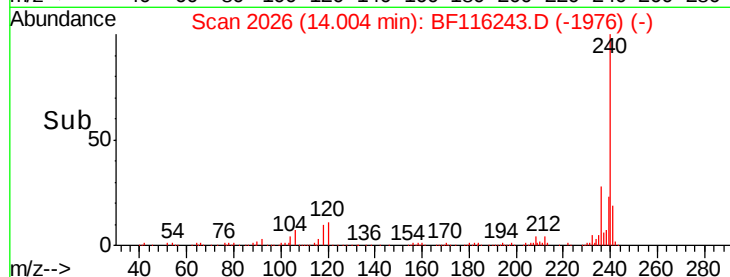
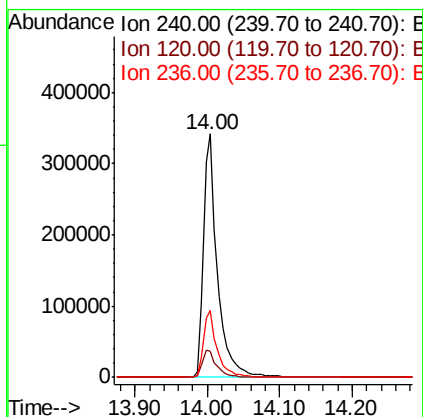
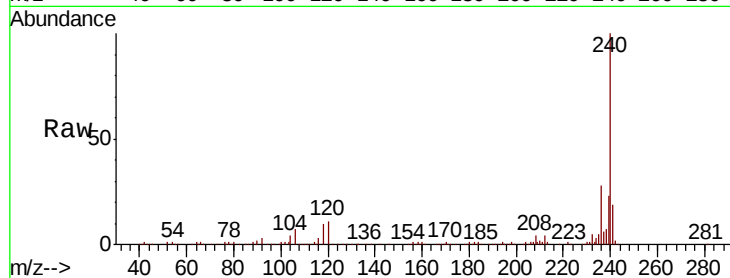




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116243.D
Acq: 13 Aug 2019 21:15

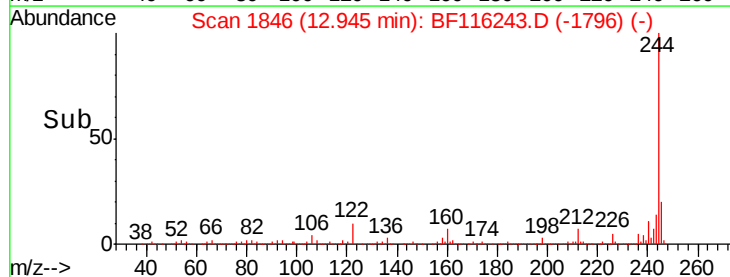
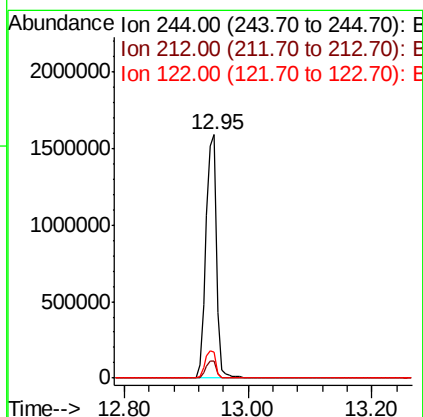
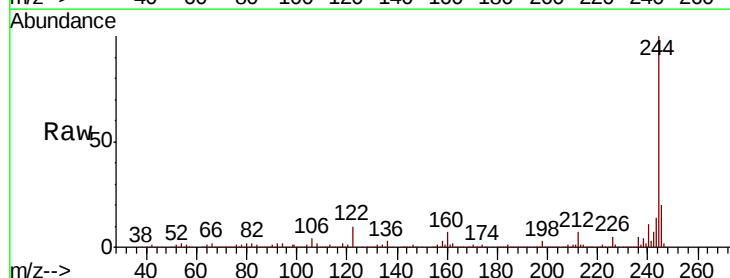
Instrument :
BNA_F
ClientSampleId :
2S-C1-C4-(0-1)-COMP

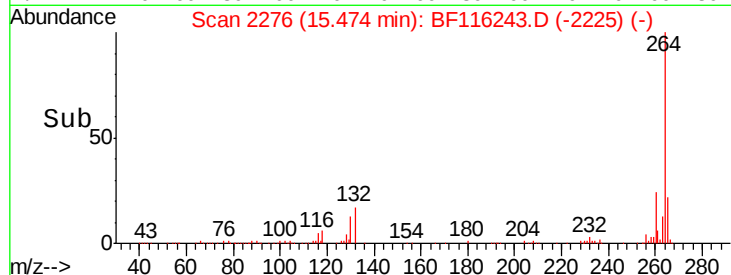
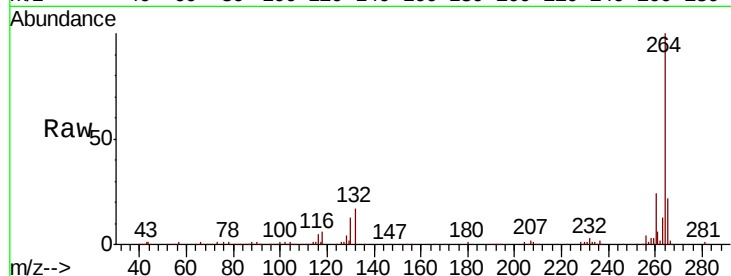
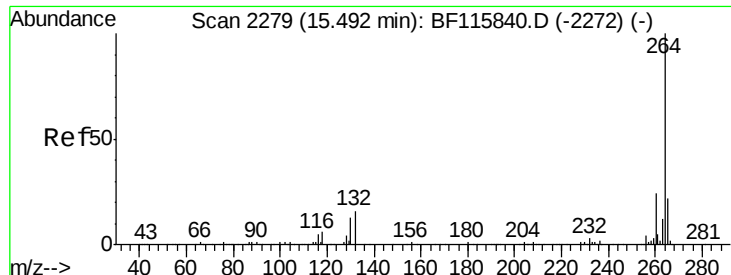
Tgt Ion:240 Resp: 455666
Ion Ratio Lower Upper
240 100
120 10.8 10.7 16.1
236 27.7 22.2 33.2



#79
Terphenyl-d14
Concen: 87.236 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116243.D
Acq: 13 Aug 2019 21:15

Tgt Ion:244 Resp: 1886438
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.5 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF116243.D
Acq: 13 Aug 2019 21:15

Instrument :
BNA_F
ClientSampleId :
2S-C1-C4-(0-1)-COMP

Tgt Ion:	264	Resp:	381818
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.5	17.4	26.0

