

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
 Data File : BF114895.D
 Acq On : 7 Jun 2019 13:40
 Operator : HP/JU
 Sample : K3198-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-DPC-81626-FB-08

Quant Time: Jun 08 05:15:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

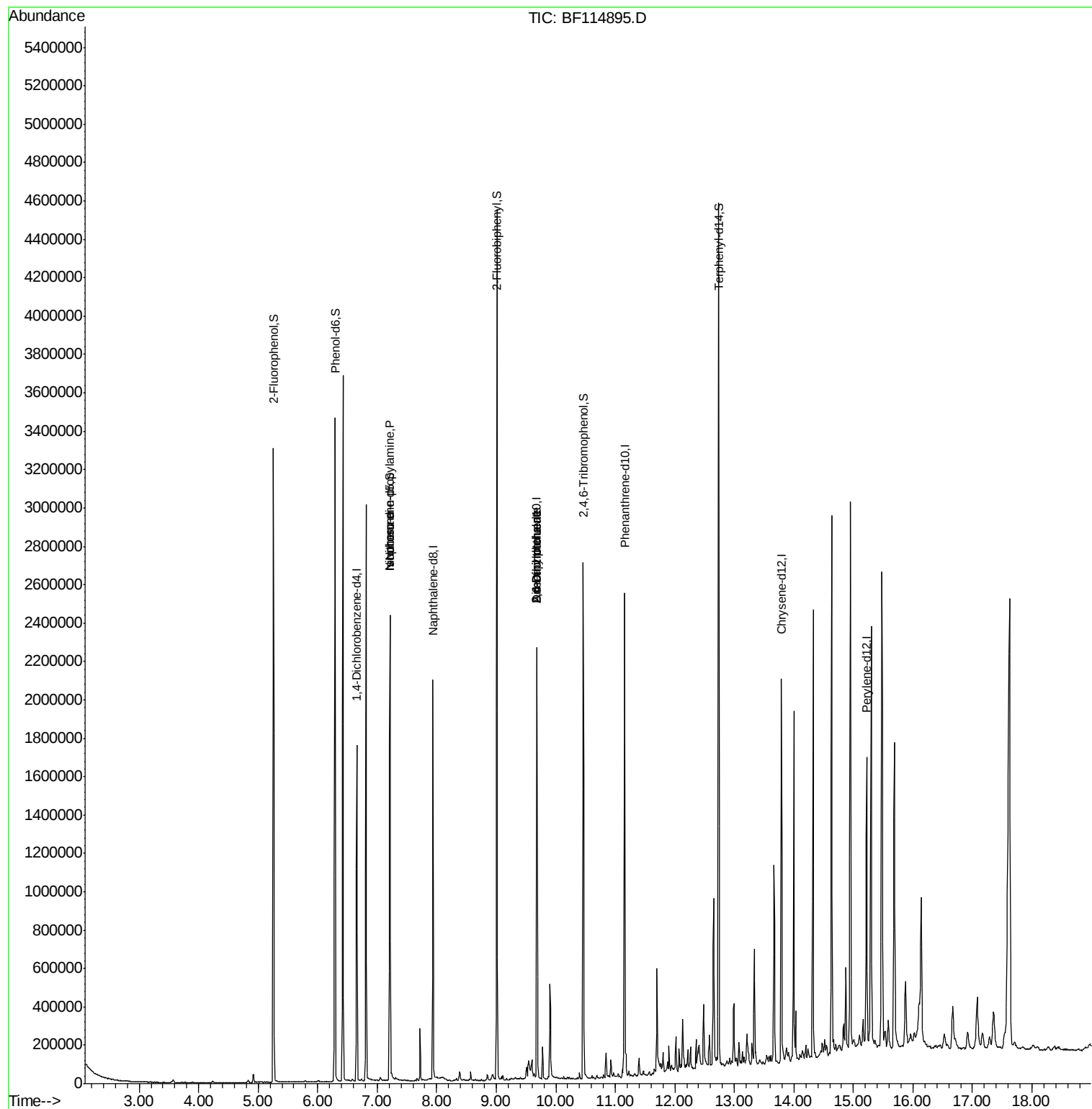
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	247421	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	936852	20.00	ng	-0.01
39) Acenaphthene-d10	9.68	164	454352	20.00	ng	-0.02
64) Phenanthrene-d10	11.16	188	888599	20.00	ng	-0.01
76) Chrysene-d12	13.79	240	627132	20.00	ng	0.00
87) Perylene-d12	15.22	264	633109	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	929457	65.64	ng	0.00
7) Phenol-d6	6.29	99	1144643	66.43	ng	-0.01
23) Nitrobenzene-d5	7.22	82	693462	45.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.46	330	308619	63.03	ng	-0.02
45) 2-Fluorobiphenyl	9.01	172	1403903	57.88	ng	-0.02
79) Terphenyl-d14	12.74	244	1550205	48.07	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	92973	8.152	ng	# 78
25) Isophorone	7.22	82	678208	22.542	ng	# 61
50) Dimethylphthalate	9.69	163	124186	3.742	ng	# 1
51) 2,6-Dinitrotoluene	9.68	165	58256	7.465	ng	# 32
57) 2,4-Dinitrotoluene	9.68	165	58256	5.938	ng	# 32
58) Fluorene	10.23	166	2138	Below Cal		# 79

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

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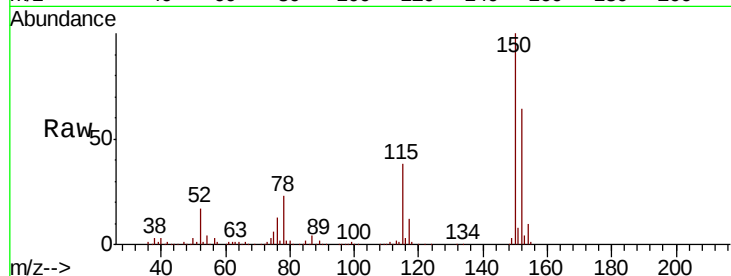


#1

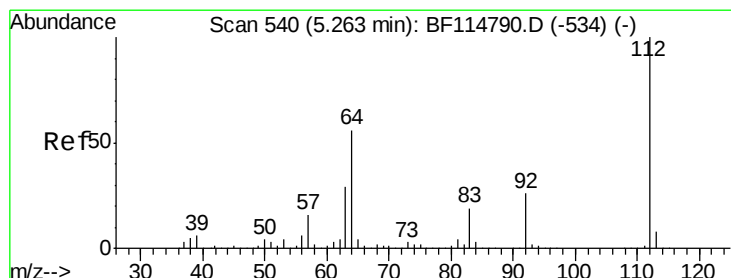
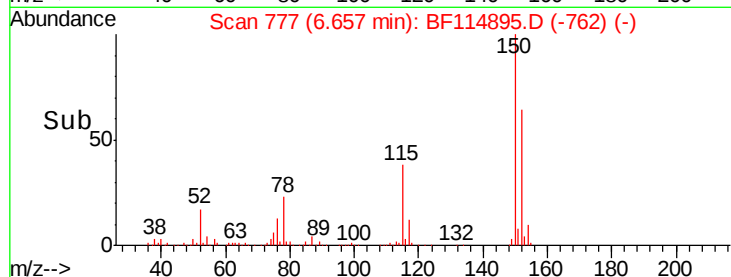
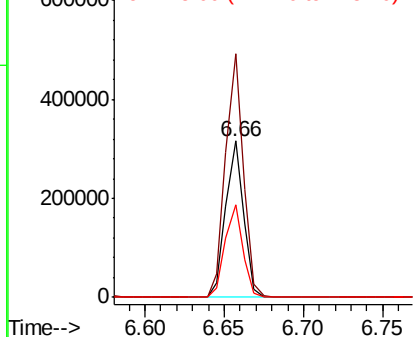
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114895.D
Acq: 7 Jun 2019 13:40

Instrument :
BNA_F
ClientSampleId :
COMP-DPC-81626-FB-08

Tgt Ion:152 Resp: 247421
Ion Ratio Lower Upper
152 100
150 156.0 124.0 186.0
115 59.2 46.3 69.5



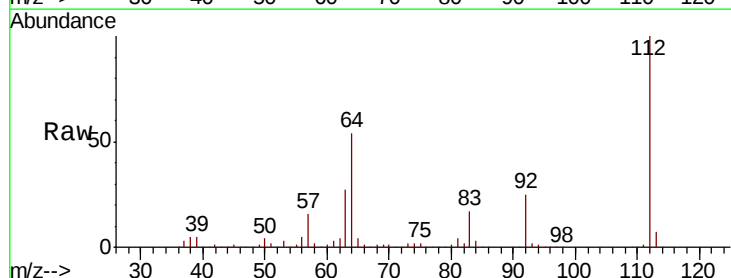
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



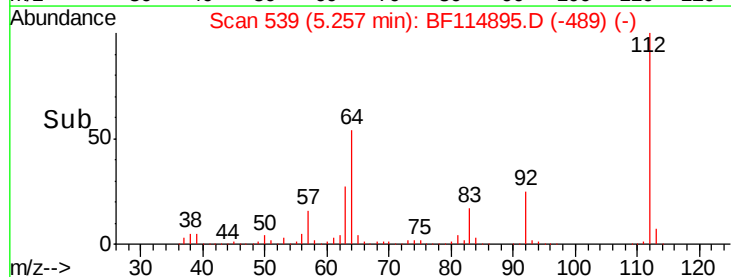
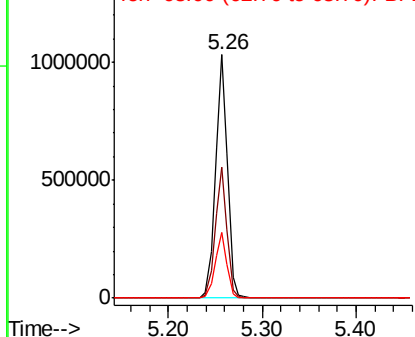
#5

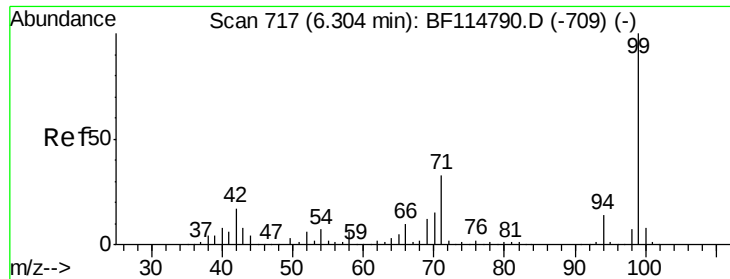
2-Fluorophenol
Concen: 65.641 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF114895.D
Acq: 7 Jun 2019 13:40

Tgt Ion:112 Resp: 929457
Ion Ratio Lower Upper
112 100
64 53.6 44.6 66.8
63 26.7 23.0 34.4



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: 66.435 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF114895.D

Acq: 7 Jun 2019 13:40

Instrument :

BNA_F

ClientSampleId :

COMP-DPC-81626-FB-08

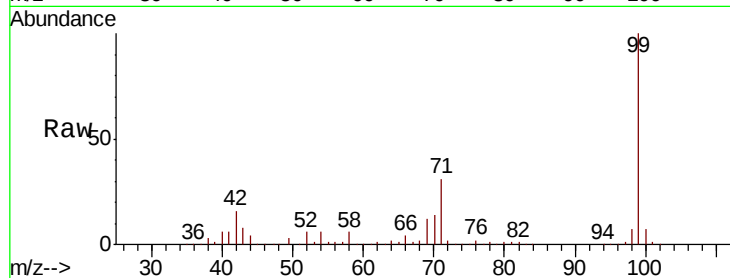
Tgt Ion: 99 Resp: 1144643

Ion Ratio Lower Upper

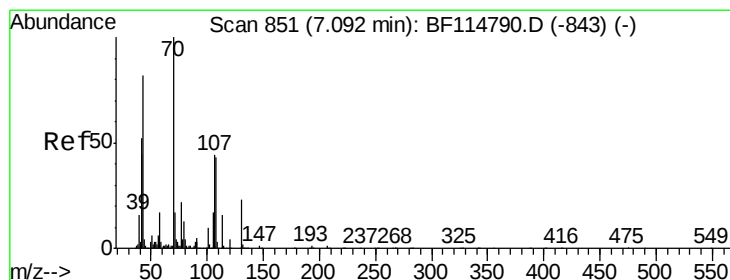
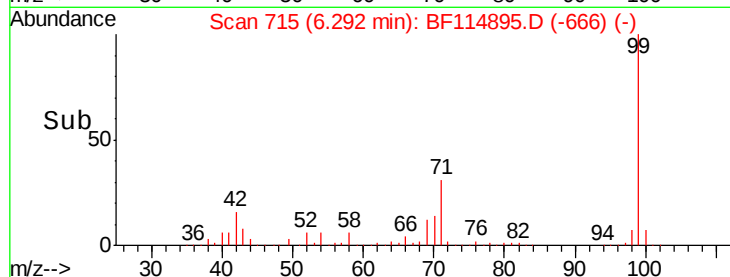
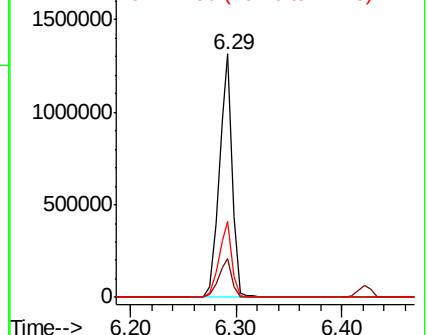
99 100

42 16.0 13.3 19.9

71 31.3 26.3 39.5



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: 8.152 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.12 min

Lab File: BF114895.D

Acq: 7 Jun 2019 13:40

Tgt Ion: 70 Resp: 92973

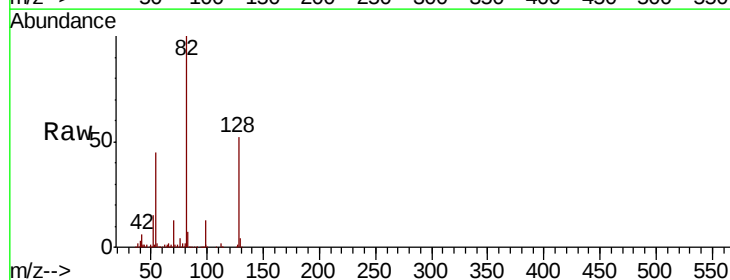
Ion Ratio Lower Upper

70 100

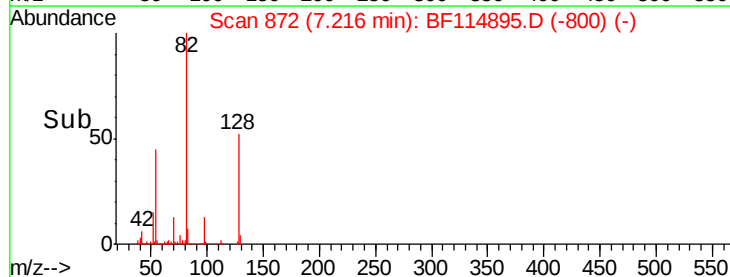
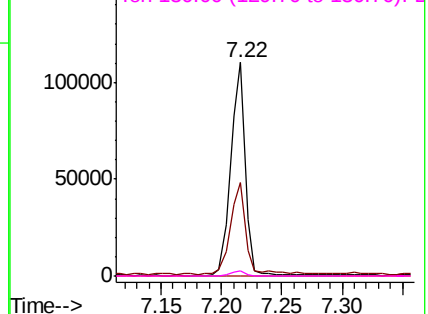
42 43.7 41.8 62.8

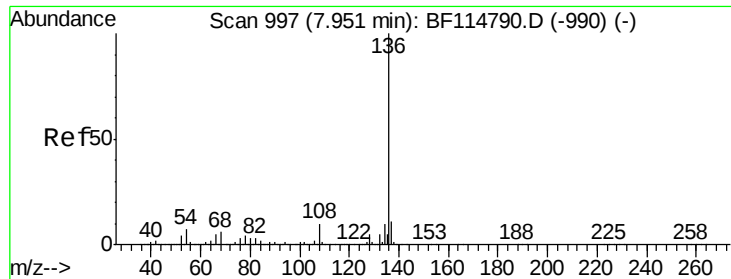
101 0.0 8.2 12.4#

130 2.4 18.5 27.7#



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

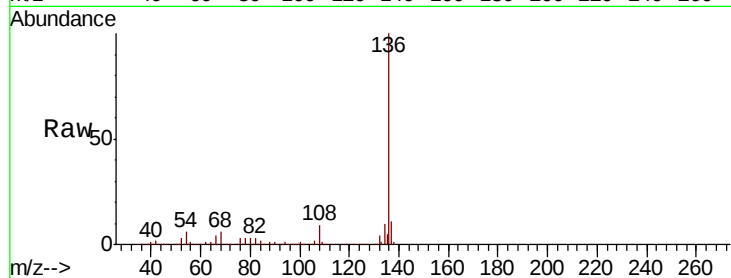




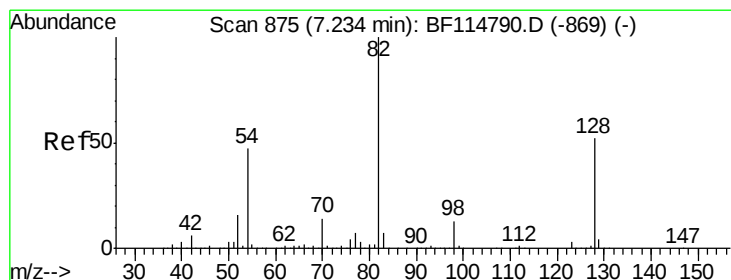
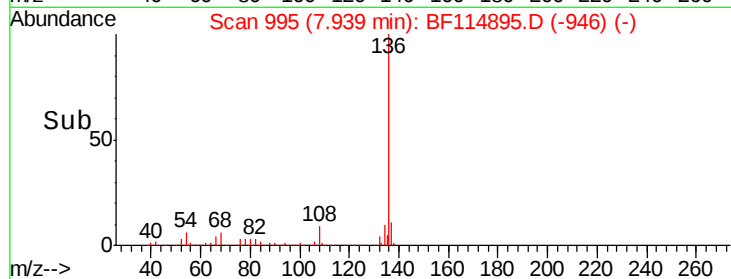
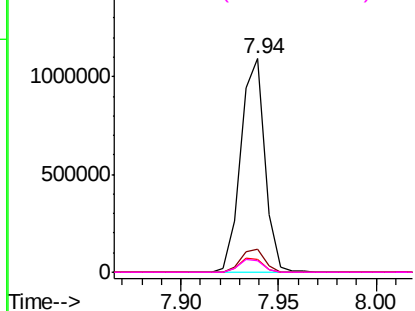
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114895.D
Acq: 7 Jun 2019 13:40

Instrument :
BNA_F
ClientSampleId :
COMP-DPC-81626-FB-08

Tgt Ion:	136	Resp:	936852
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.3	5.4	8.0
68	5.6	4.6	6.8

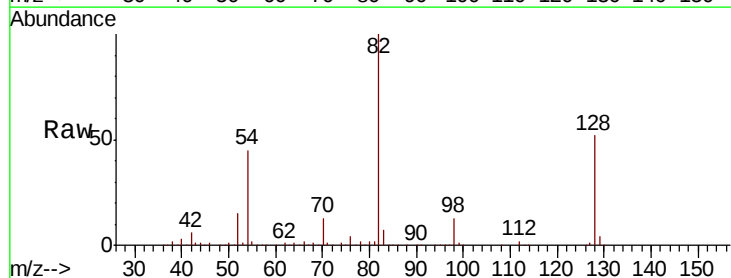


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

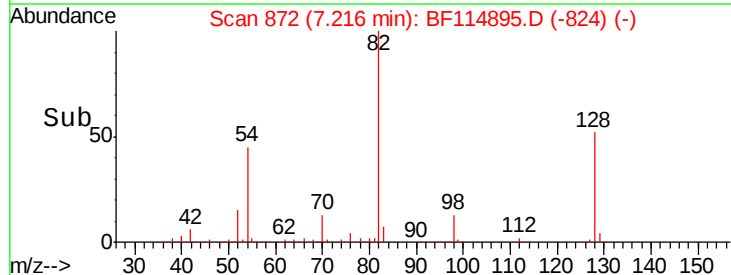
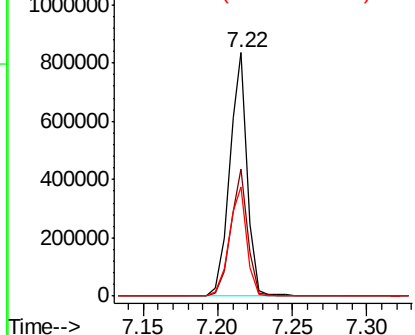


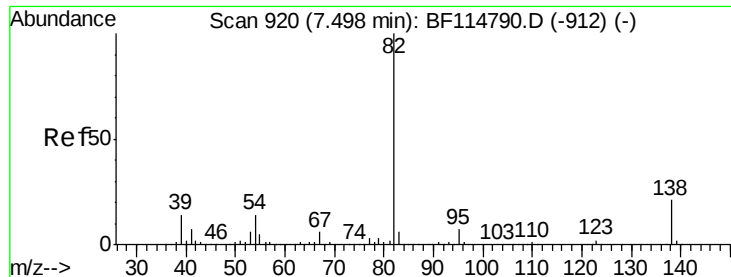
#23
Nitrobenzene-d5
Concen: 45.566 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114895.D
Acq: 7 Jun 2019 13:40

Tgt Ion:	82	Resp:	693462
Ion	Ratio	Lower	Upper
82	100		
128	52.4	41.8	62.6
54	45.1	37.9	56.9



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: 22.542 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.28 min

Lab File: BF114895.D

Acq: 7 Jun 2019 13:40

Instrument :

BNA_F

ClientSampleId :

COMP-DPC-81626-FB-08

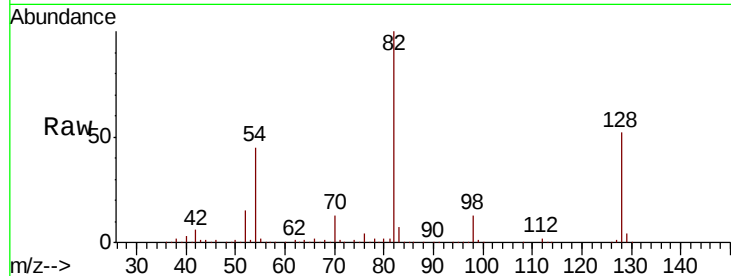
Tgt Ion: 82 Resp: 678208

Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.8#

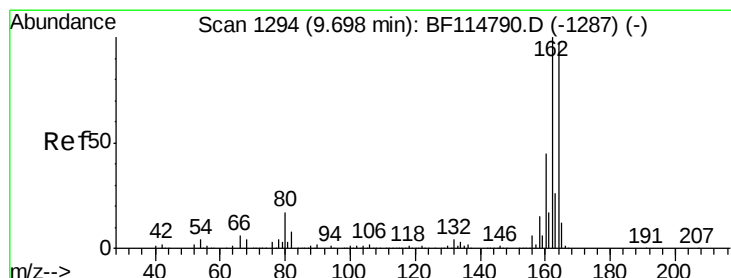
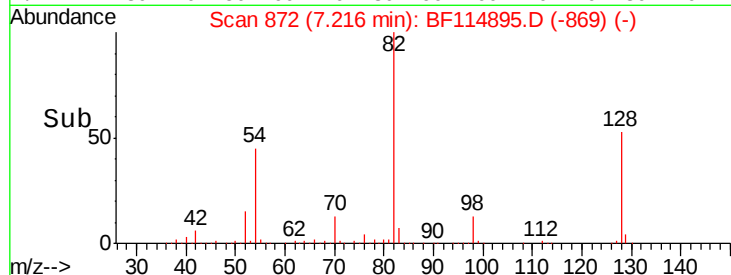
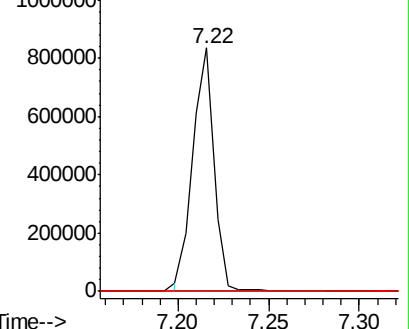
138 0.0 16.9 25.3#



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: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF114895.D

Acq: 7 Jun 2019 13:40

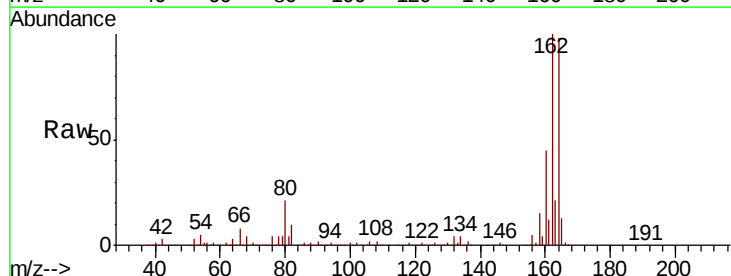
Tgt Ion: 164 Resp: 454352

Ion Ratio Lower Upper

164 100

162 102.0 82.3 123.5

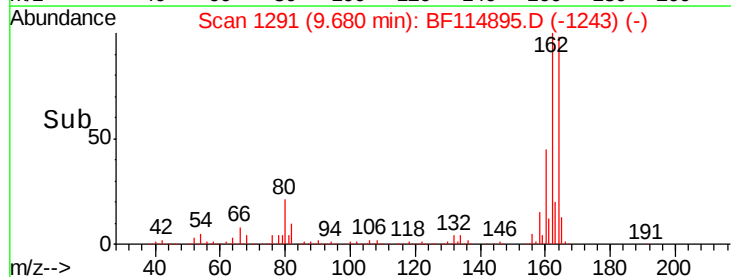
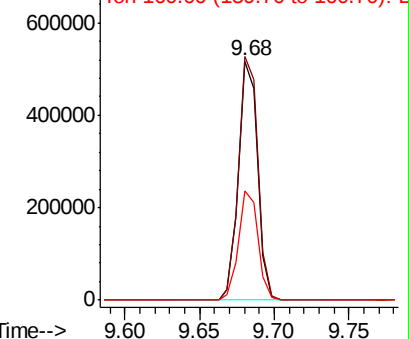
160 45.8 36.7 55.1

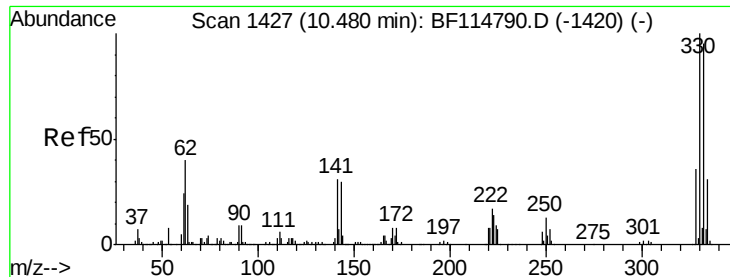


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

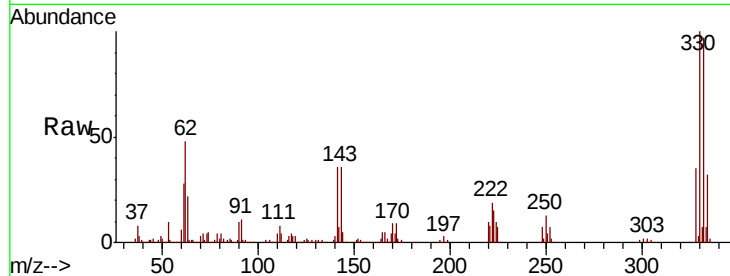




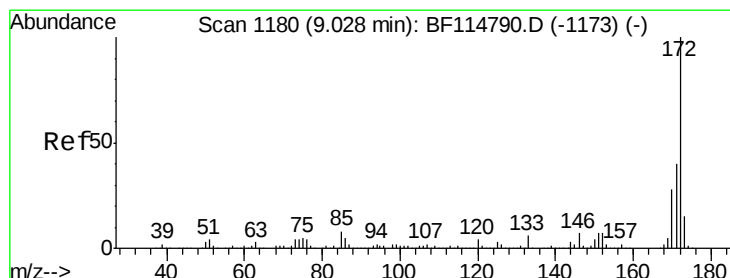
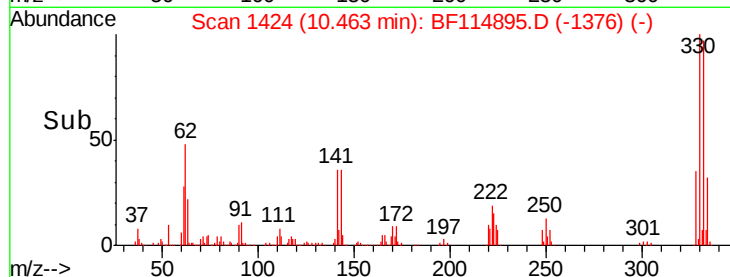
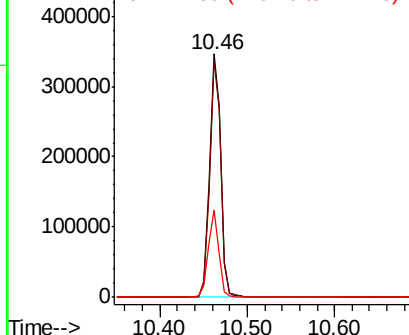
#42
 2,4,6-Tribromophenol
 Concen: 63.030 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BF114895.D
 Acq: 7 Jun 2019 13:40

Instrument :
 BNA_F
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 COMP-DPC-81626-FB-08

Tgt Ion:330 Resp: 308619
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 33.8 26.2 39.4

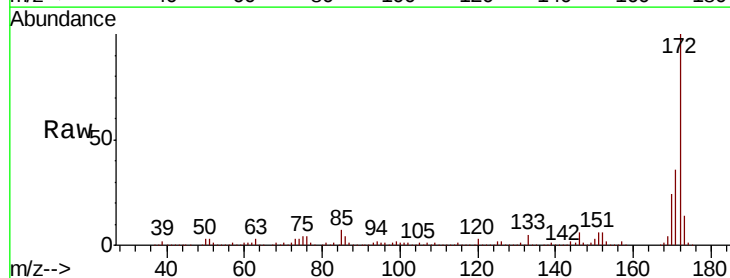


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

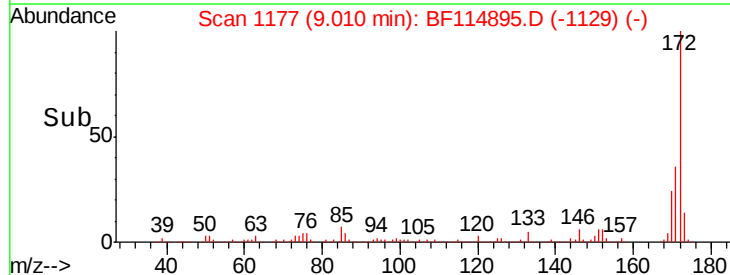
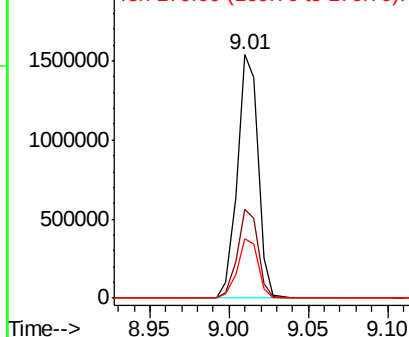


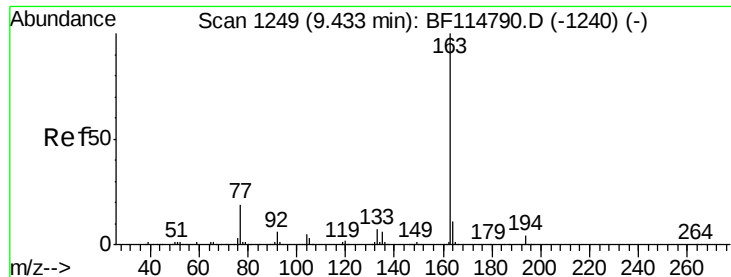
#45
 2-Fluorobiphenyl
 Concen: 57.882 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF114895.D
 Acq: 7 Jun 2019 13:40

Tgt Ion:172 Resp: 1403903
 Ion Ratio Lower Upper
 172 100
 171 36.2 32.3 48.5
 170 24.5 22.4 33.6



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

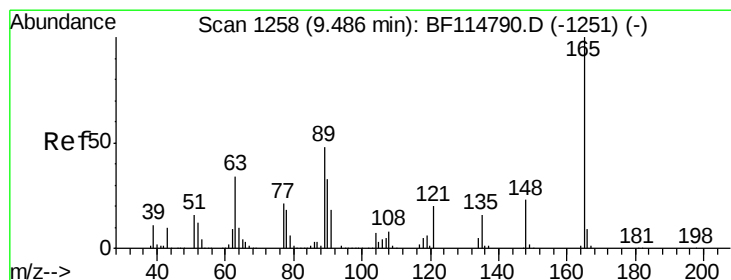
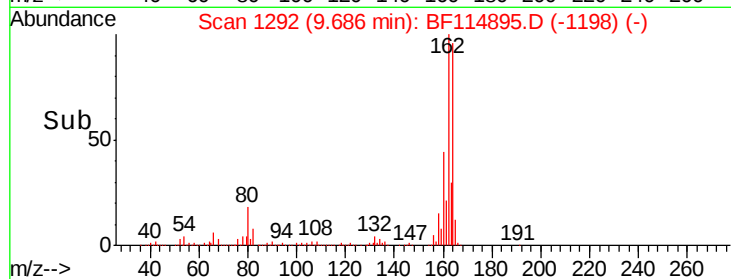
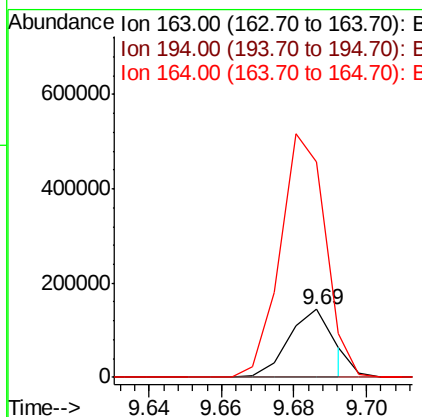
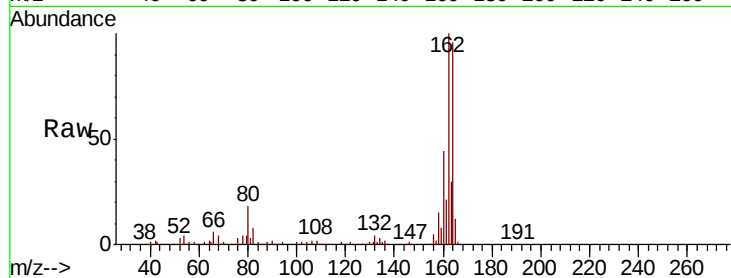




#50
Dimethylphthalate
Concen: 3.742 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.25 min
Lab File: BF114895.D
Acq: 7 Jun 2019 13:40

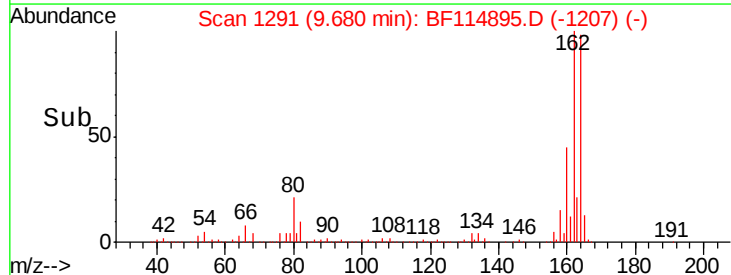
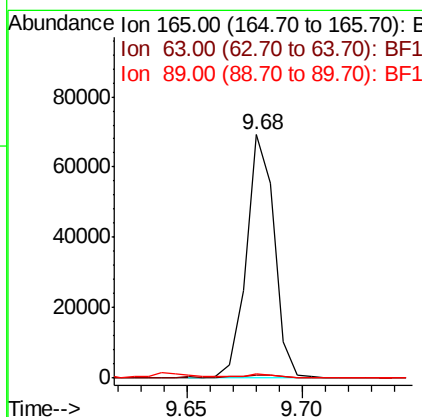
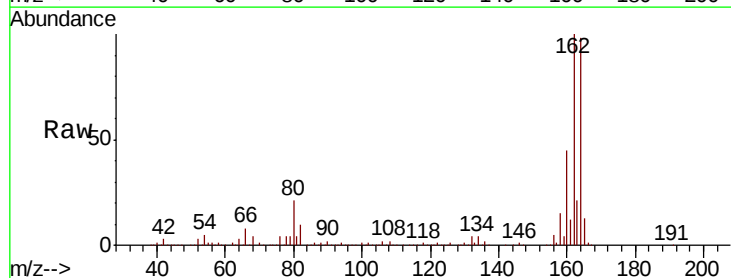
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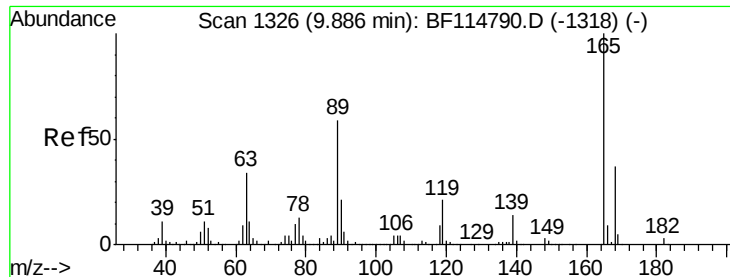
Tgt Ion:163 Resp: 124186
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 316.0 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 7.465 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.19 min
Lab File: BF114895.D
Acq: 7 Jun 2019 13:40

Tgt Ion:165 Resp: 58256
Ion Ratio Lower Upper
165 100
63 1.0 35.1 52.7#
89 1.5 38.2 57.2#

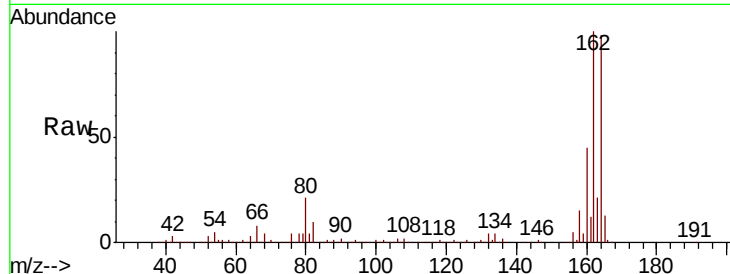




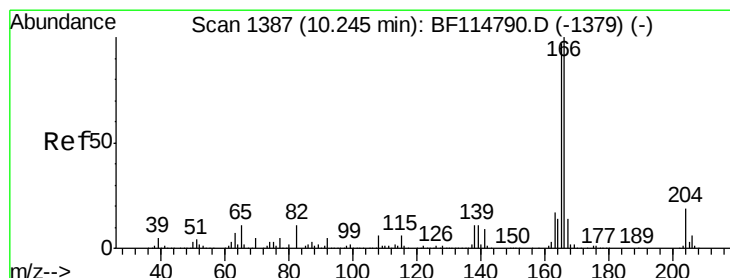
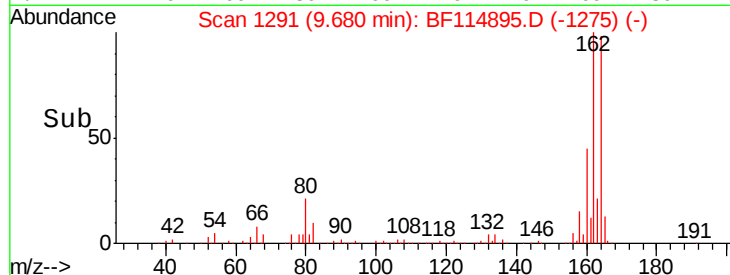
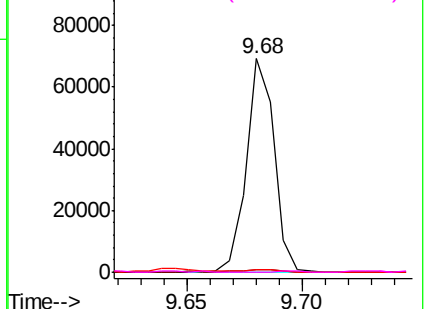
#57
 2,4-Dinitrotoluene
 Concen: 5.938 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.21 min
 Lab File: BF114895.D
 Acq: 7 Jun 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :
 COMP-DPC-81626-FB-08

Tgt Ion:	165	Resp:	58256
Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.0	40.4#
89	1.5	47.0	70.6#
182	0.0	2.2	3.2#

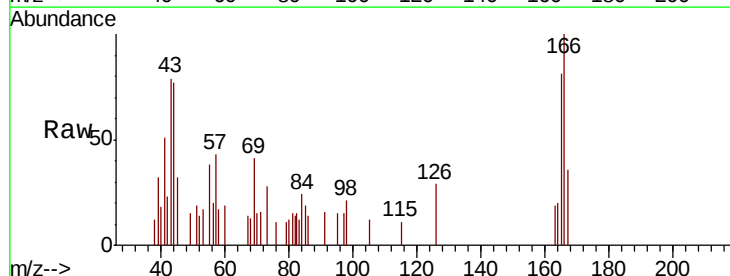


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

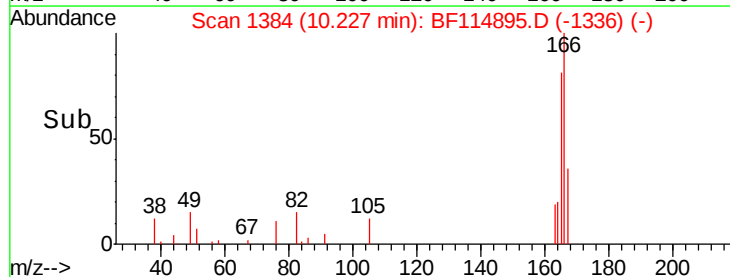
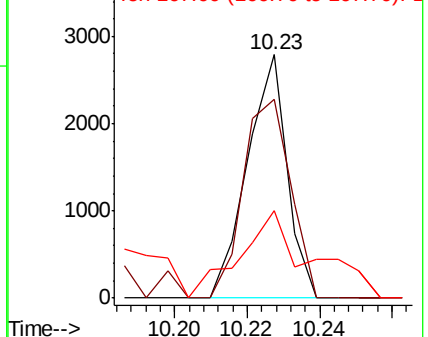


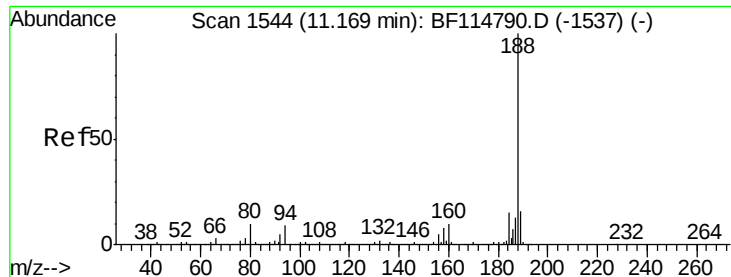
#58
 Fluorene
 Concen: Below Cal
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.02 min
 Lab File: BF114895.D
 Acq: 7 Jun 2019 13:40

Tgt Ion:	166	Resp:	2138
Ion	Ratio	Lower	Upper
166	100		
165	81.5	77.9	116.9
167	35.7	11.3	16.9#



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

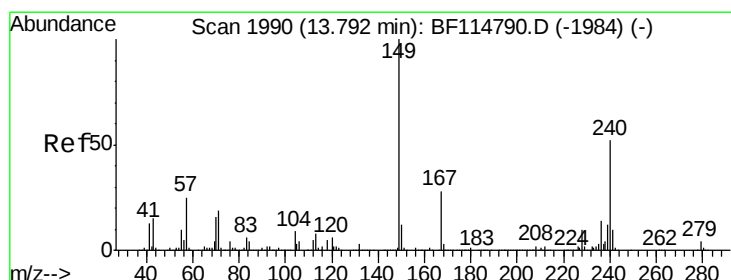
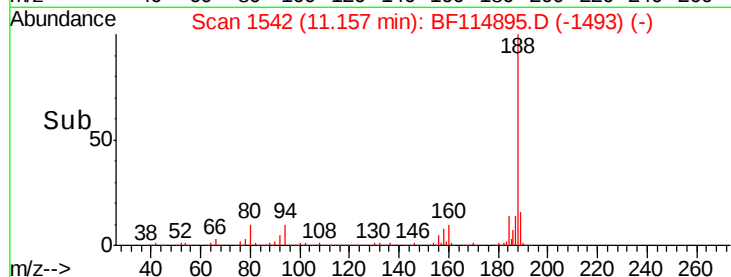
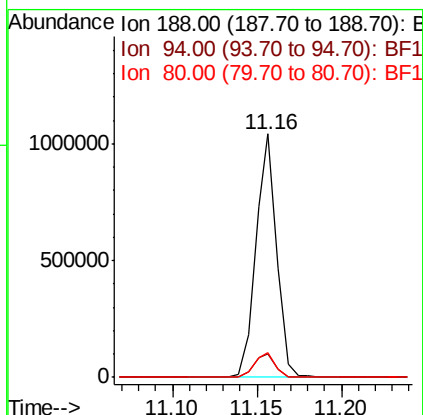
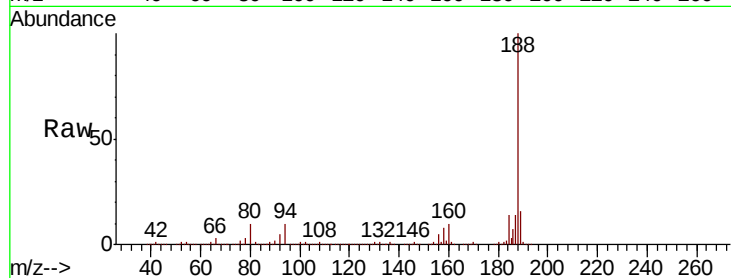




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF114895.D
Acq: 7 Jun 2019 13:40

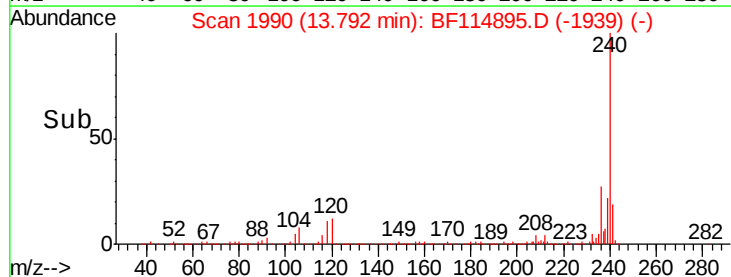
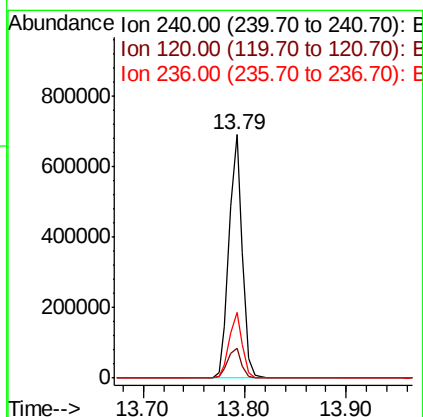
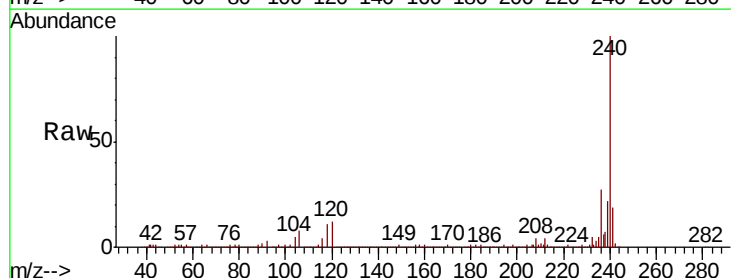
Instrument :
BNA_F
ClientSampleId :
COMP-DPC-81626-FB-08

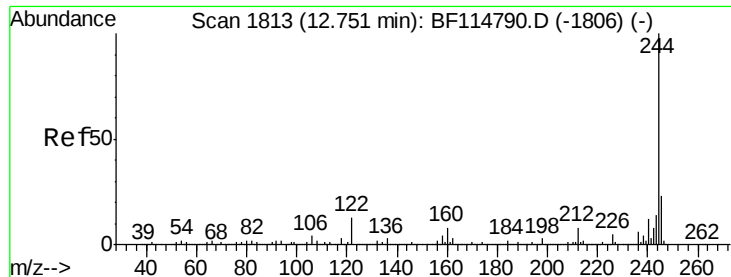
Tgt Ion:188 Resp: 888599
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 9.9 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BF114895.D
Acq: 7 Jun 2019 13:40

Tgt Ion:240 Resp: 627132
Ion Ratio Lower Upper
240 100
120 12.1 9.0 13.4
236 26.9 21.4 32.0

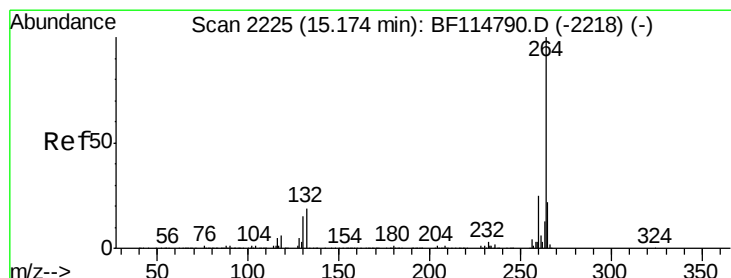
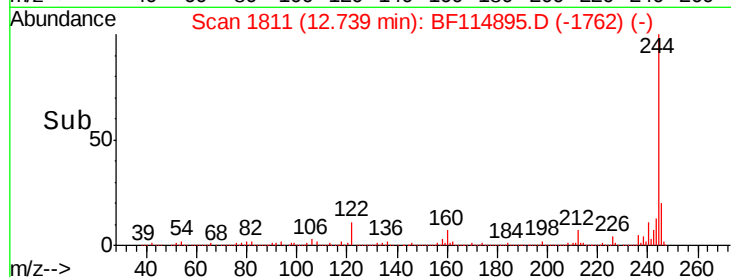
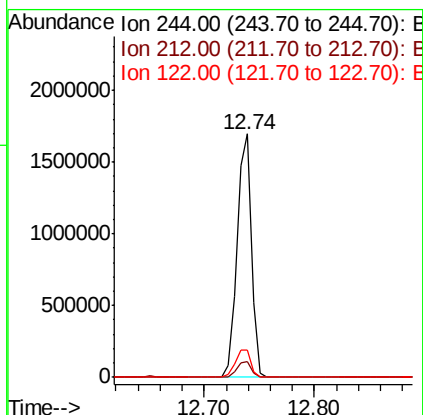
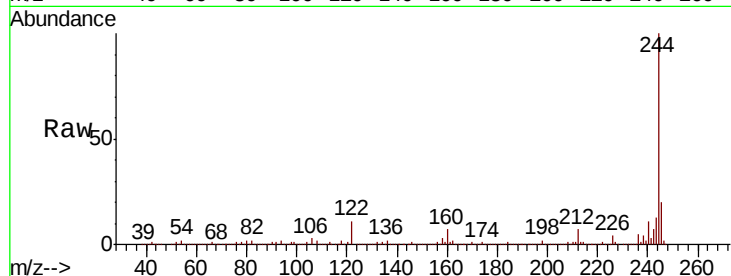




#79
 Terphenyl-d14
 Concen: 48.072 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF114895.D
 Acq: 7 Jun 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :
 COMP-DPC-81626-FB-08

Tgt Ion:244 Resp: 1550205
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.5 9.7
 122 11.1 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. 0.05 min
 Lab File: BF114895.D
 Acq: 7 Jun 2019 13:40

Tgt Ion:264 Resp: 633109
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.1 30.1
 265 21.5 17.7 26.5

