

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116705.D
 Acq On : 31 Aug 2019 17:55
 Operator : HP/JU
 Sample : K4619-30
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP10-COMP

Quant Time: Sep 01 00:43:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

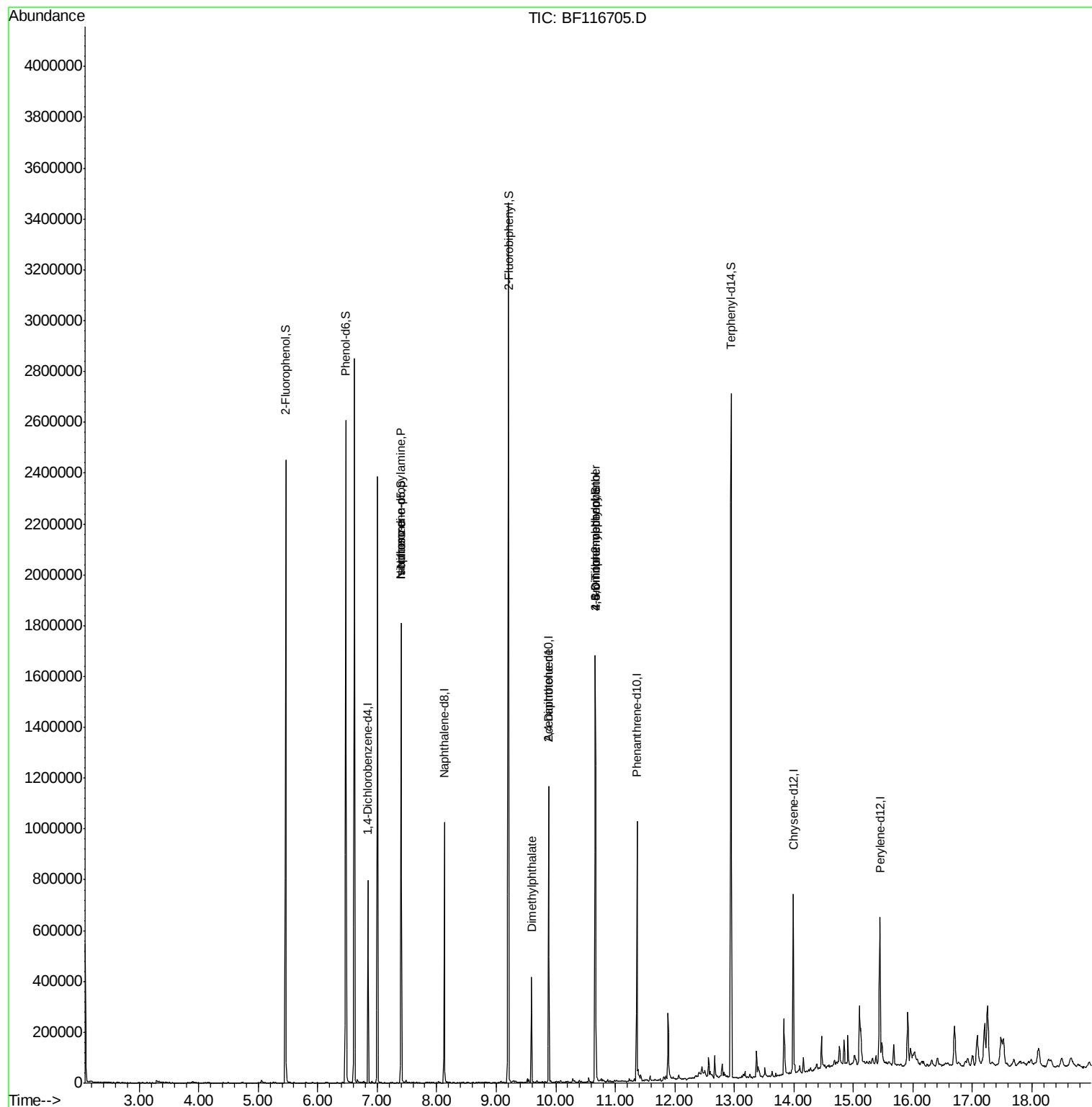
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	103042	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	406078	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	208522	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	346544	20.00	ng	0.00
76) Chrysene-d12	13.99	240	217752	20.00	ng	0.00
87) Perylene-d12	15.44	264	255305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	684695	107.65	ng	0.00
7) Phenol-d6	6.47	99	925433	110.81	ng	0.00
23) Nitrobenzene-d5	7.40	82	574400	80.75	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	172730	123.91	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	957472	77.46	ng	0.00
79) Terphenyl-d14	12.94	244	854319	72.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	74271	13.506	ng	Qvalue # 73
25) Isophorone	7.40	82	574393	39.850	ng	# 66
50) Dimethylphthalate	9.59	163	144712	10.052	ng	99
57) 2,4-Dinitrotoluene	9.88	165	27137	8.080	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.66	198	376	7.700	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	11627	3.303	ng	# 1

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

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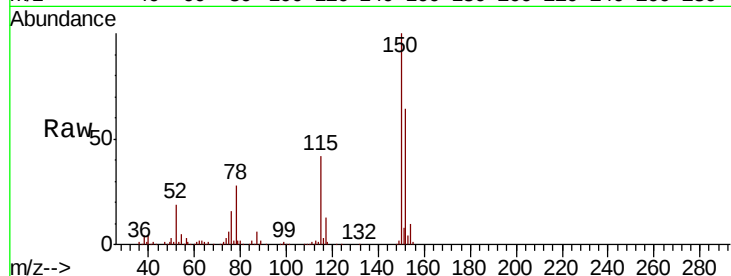


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116705.D
Acq: 31 Aug 2019 17:55

Instrument :
BNA_F
ClientSampled :
TP10-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.4	186.6
115	66.1	49.9	74.9

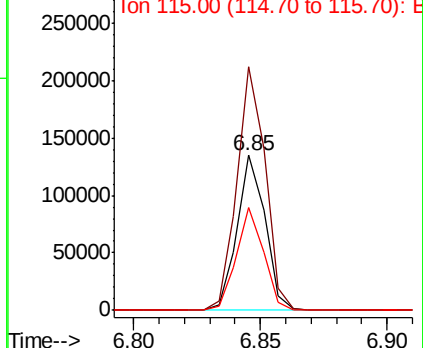
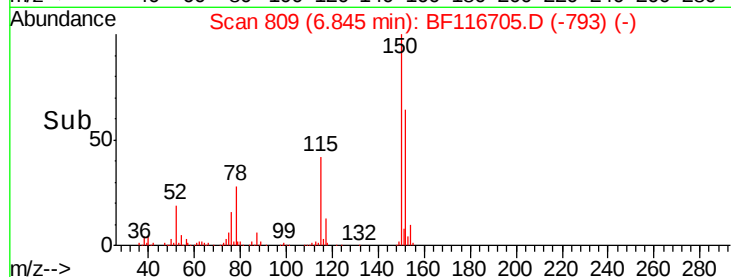


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

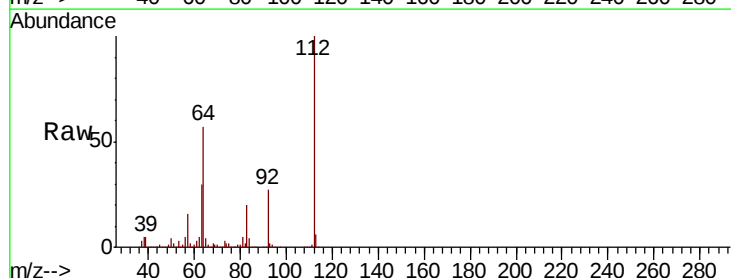
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.650 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116705.D
Acq: 31 Aug 2019 17:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.1	70.7
63	29.9	24.9	37.3

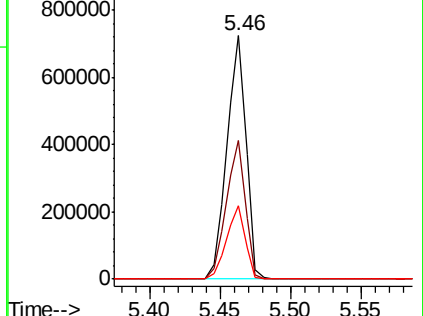
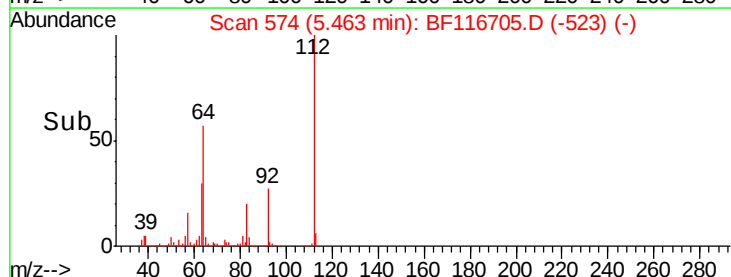


Abundance

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: 110.805 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116705.D

Acq: 31 Aug 2019 17:55

Instrument :

BNA_F

ClientSampleId :

TP10-COMP

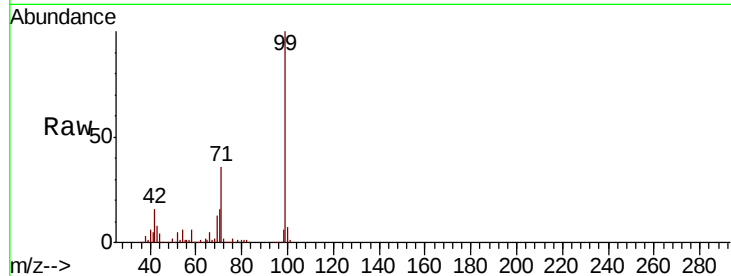
Tot Ion: 99 Resp: 925433

Ion Ratio Lower Upper

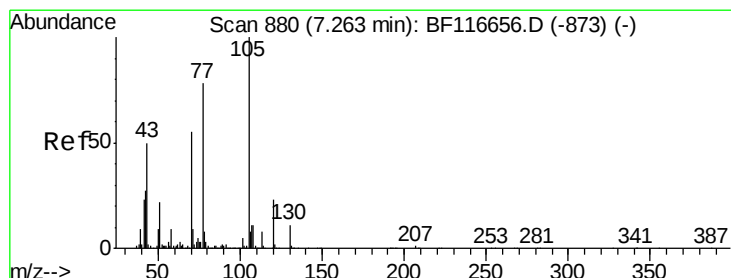
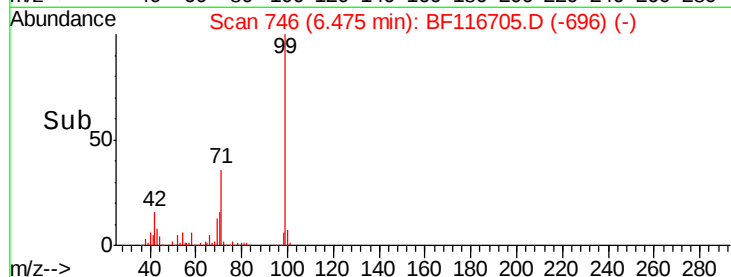
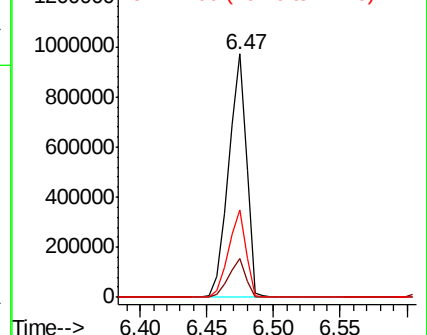
99 100

42 15.8 13.7 20.5

71 35.9 30.8 46.2



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: 13.506 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116705.D

Acq: 31 Aug 2019 17:55

Tgt Ion: 70 Resp: 74271

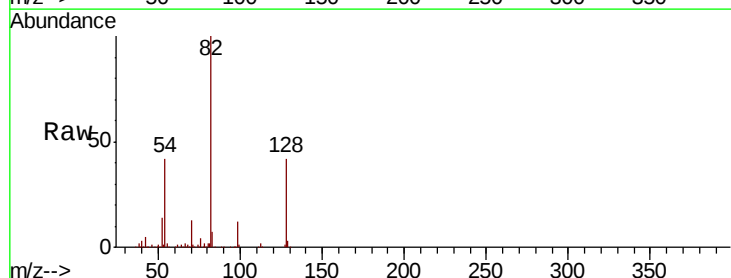
Ion Ratio Lower Upper

70 100

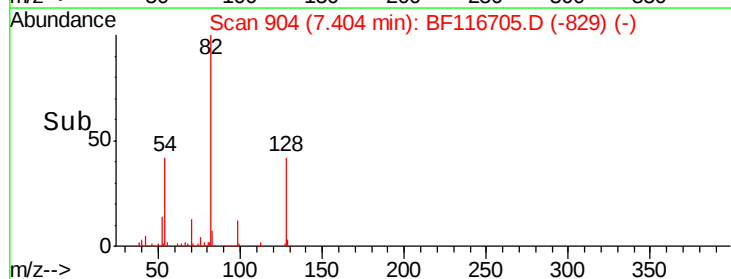
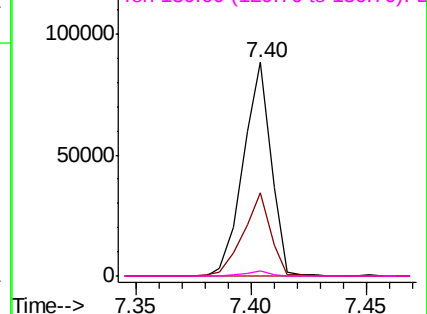
42 38.8 43.5 65.3#

101 0.0 7.8 11.6#

130 2.3 16.6 24.8#



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

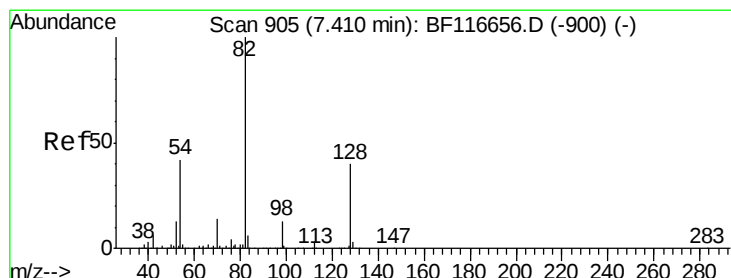
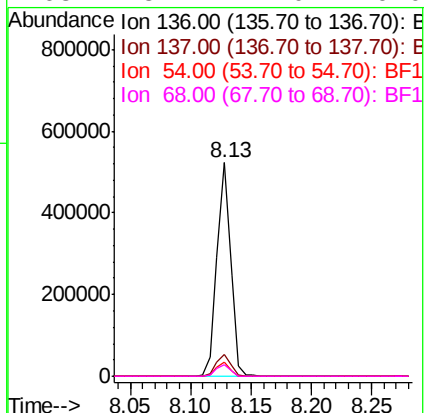
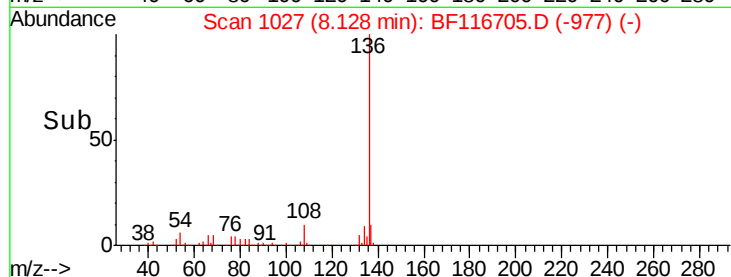
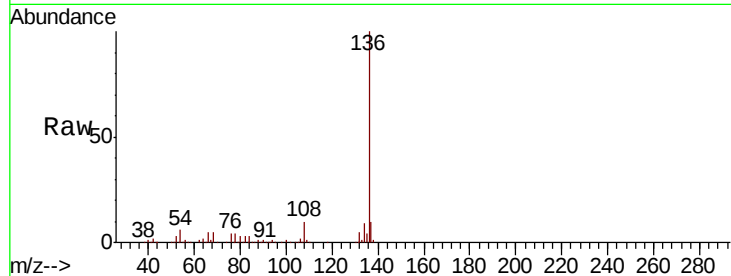




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116705.D
Acq: 31 Aug 2019 17:55

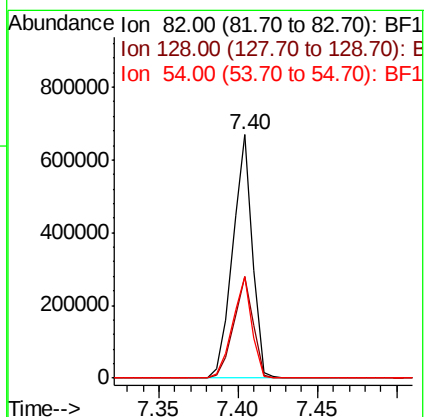
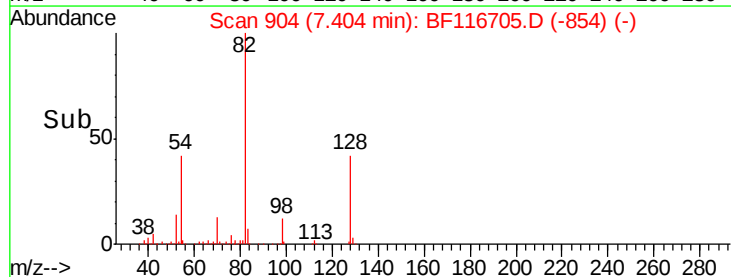
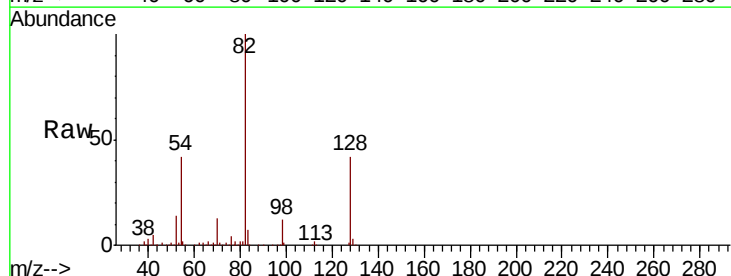
Instrument :
BNA_F
ClientSampleId :
TP10-COMP

Tot Ion:136	Resp:	406078
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.9 13.3
54	6.4	4.8 7.2
68	5.4	4.0 6.0



#23
Nitrobenzene-d5
Concen: 80.750 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116705.D
Acq: 31 Aug 2019 17:55

Tgt Ion: 82	Resp:	574400
Ion	Ratio	Lower Upper
82	100	
128	41.6	32.8 49.2
54	41.5	36.9 55.3

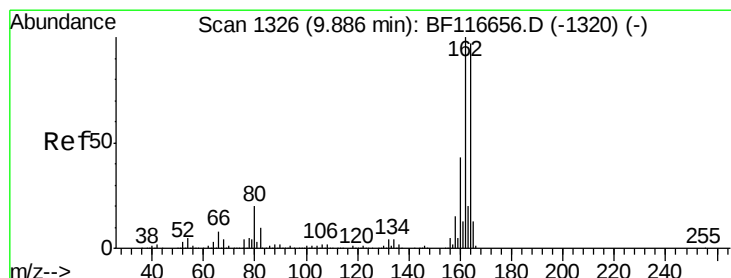
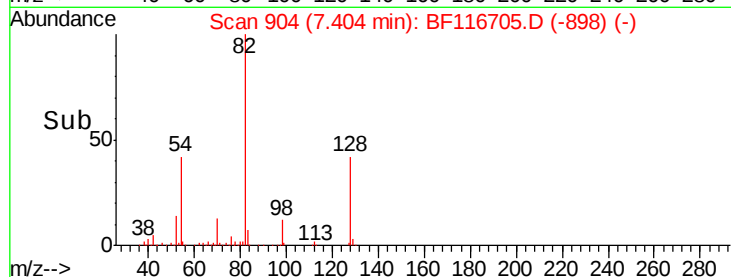
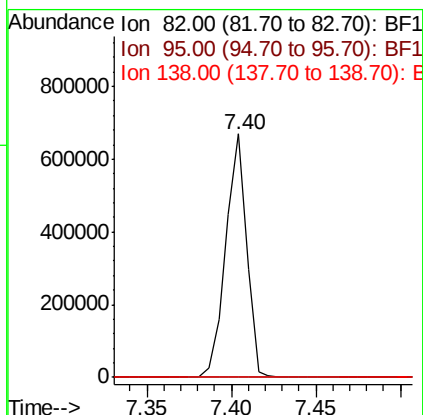
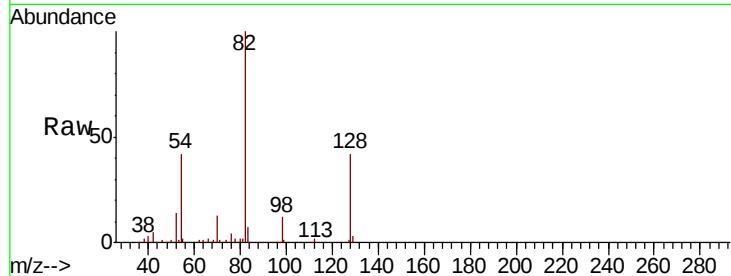




#25
Isophorone
Concen: 39.850 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116705.D
Acq: 31 Aug 2019 17:55

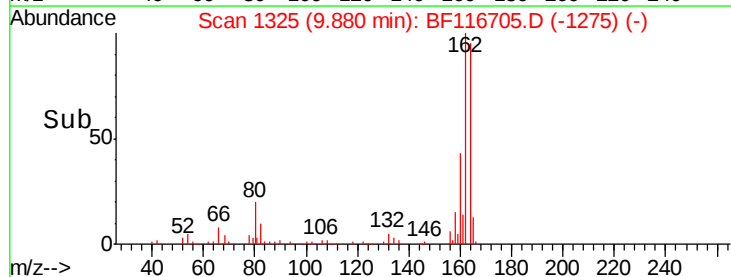
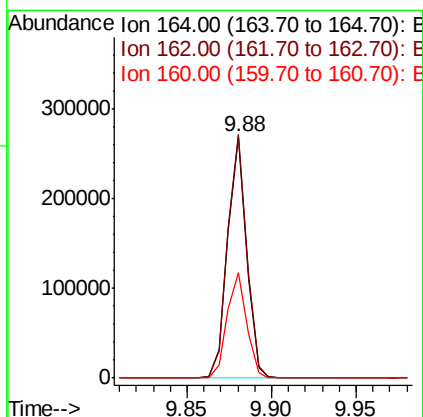
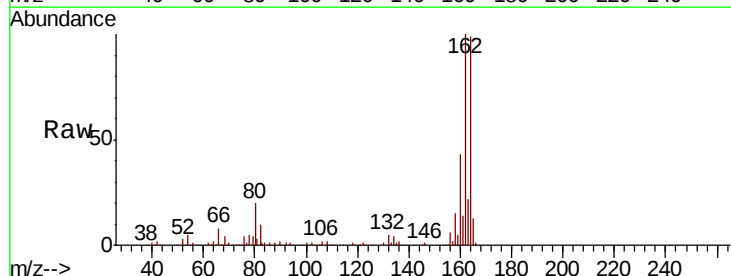
Instrument :
BNA_F
ClientSampleId :
TP10-COMP

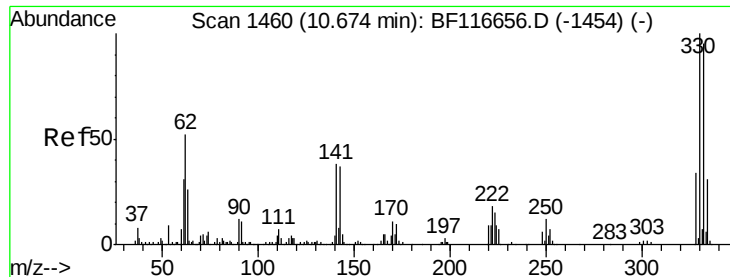
Tot Ion: 82 Resp: 574393
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116705.D
Acq: 31 Aug 2019 17:55

Tgt Ion:164 Resp: 208522
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 43.5 35.4 53.2

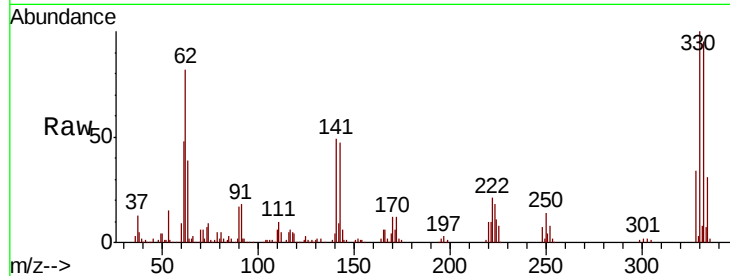




#42
 2,4,6-Tribromophenol
 Concen: 123.908 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116705.D
 Acq: 31 Aug 2019 17:55

Instrument :
 BNA_F
 ClientSampleId :
 TP10-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	43.8	31.4	47.2

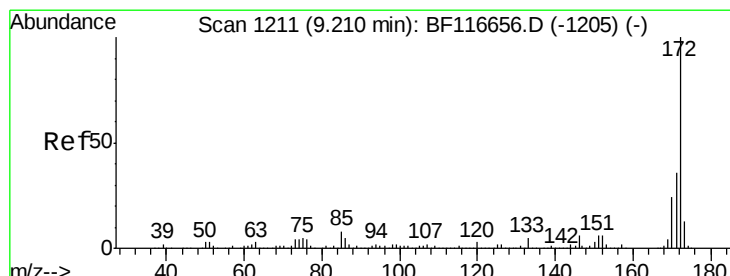
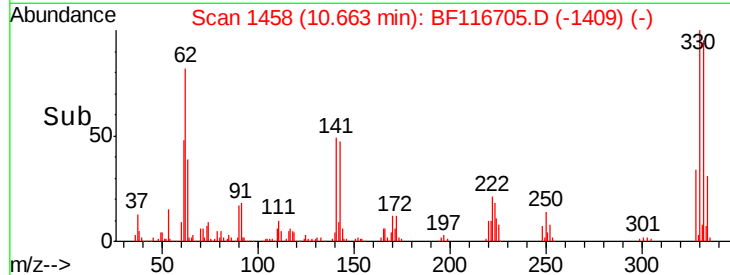
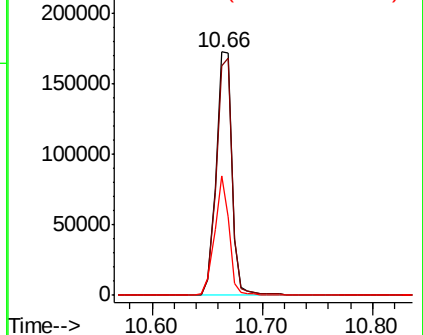


Abundance

Ion 329.80 (329.50 to 330.50): E

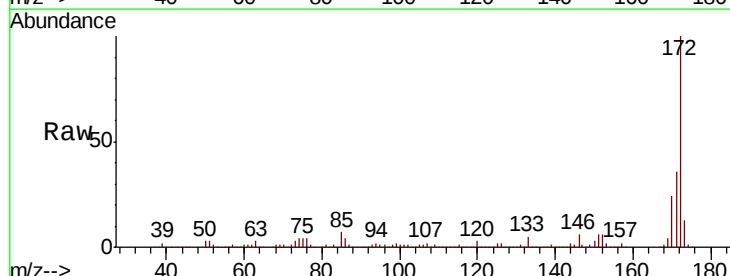
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.457 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116705.D
 Acq: 31 Aug 2019 17:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	27.8	41.6
170	23.8	18.9	28.3

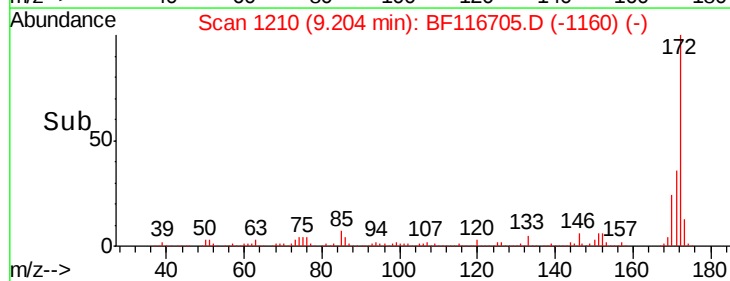
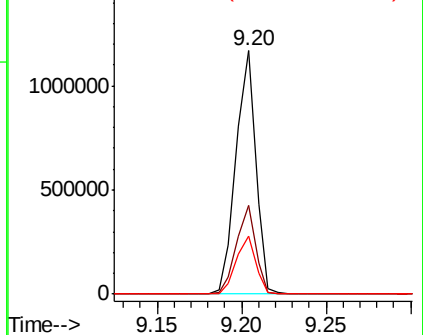


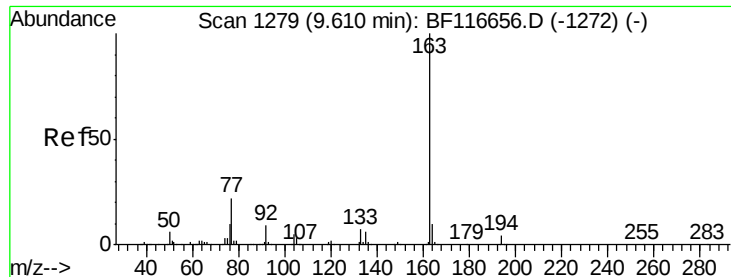
Abundance

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

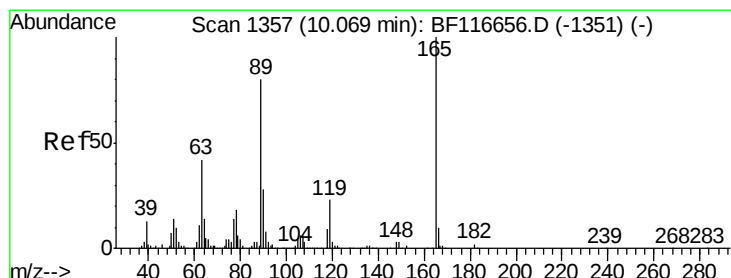
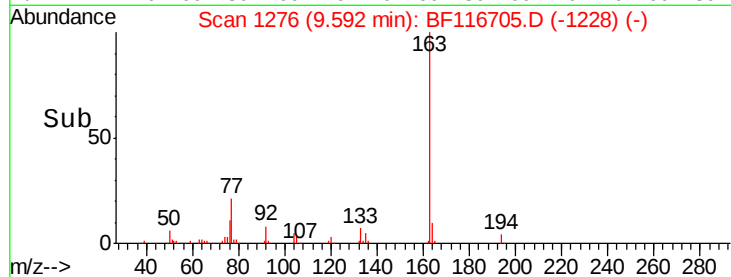
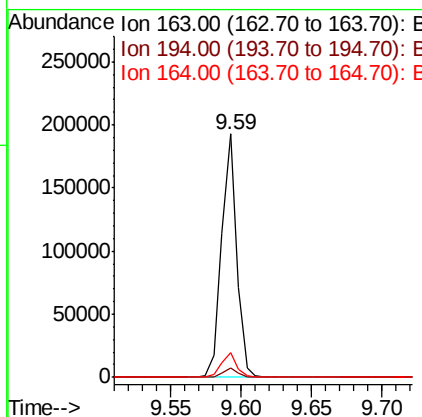
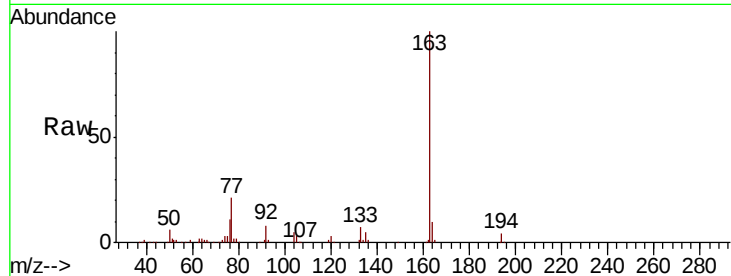




#50
Dimethylphthalate
Concen: 10.052 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116705.D
Acq: 31 Aug 2019 17:55

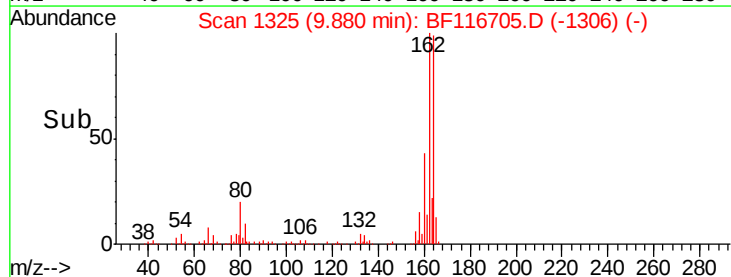
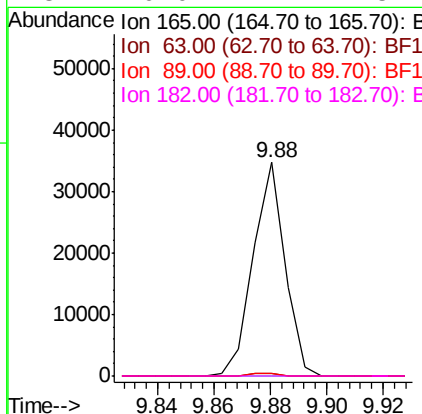
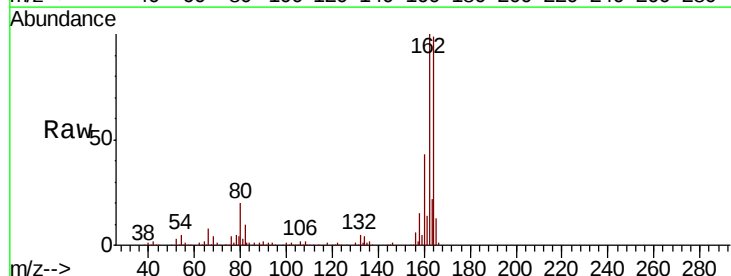
Instrument :
BNA_F
ClientSampled :
TP10-COMP

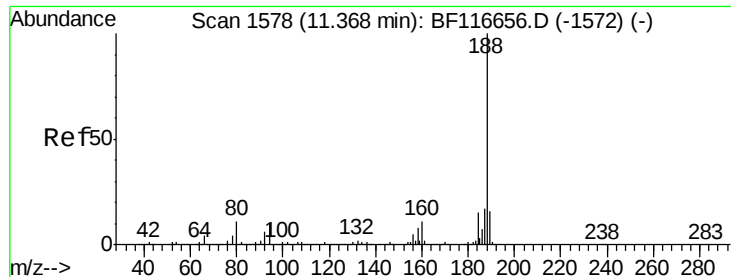
Tot Ion:163 Resp: 144712
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 10.3 8.6 12.8



#57
2,4-Dinitrotoluene
Concen: 8.080 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116705.D
Acq: 31 Aug 2019 17:55

Tgt Ion:165 Resp: 27137
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.4 62.6 94.0#
182 0.0 2.1 3.1#

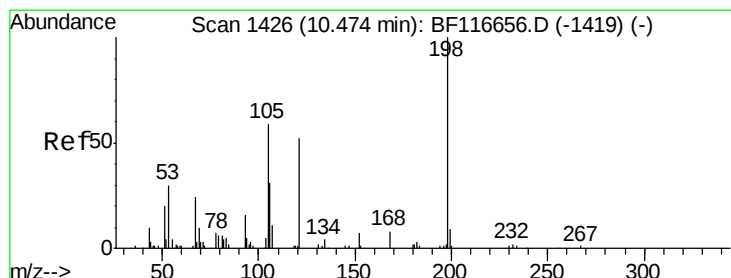
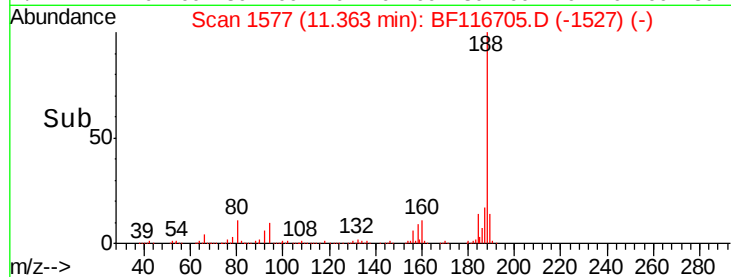
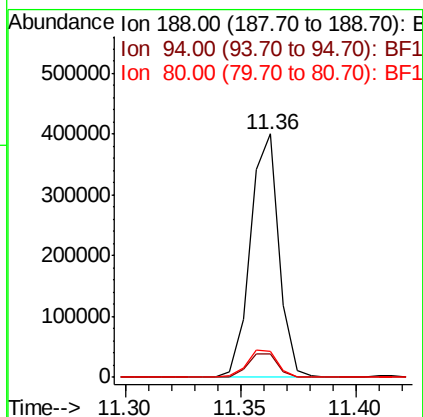
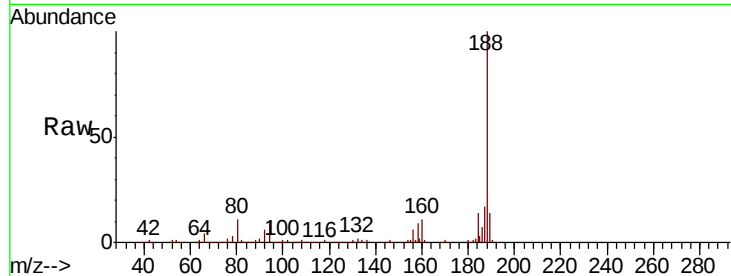




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116705.D
Acq: 31 Aug 2019 17:55

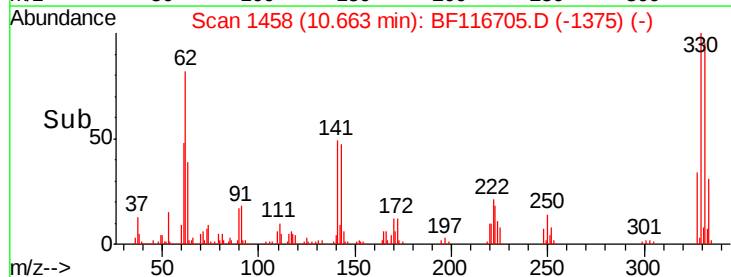
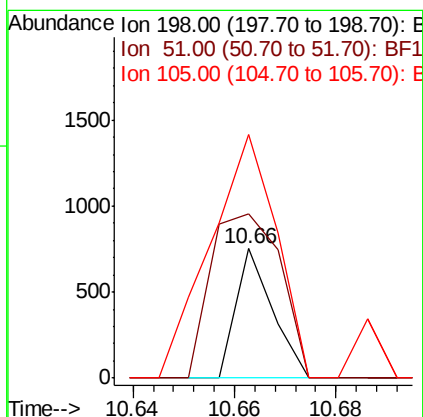
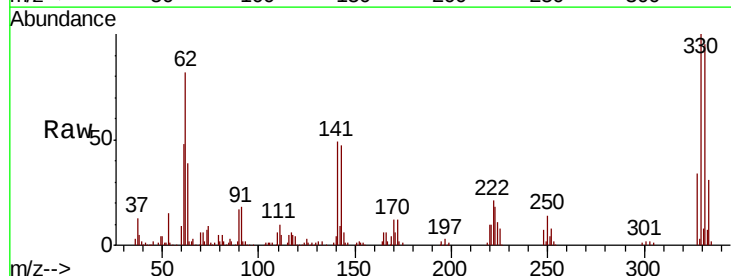
Instrument :
BNA_F
ClientSampleId :
TP10-COMP

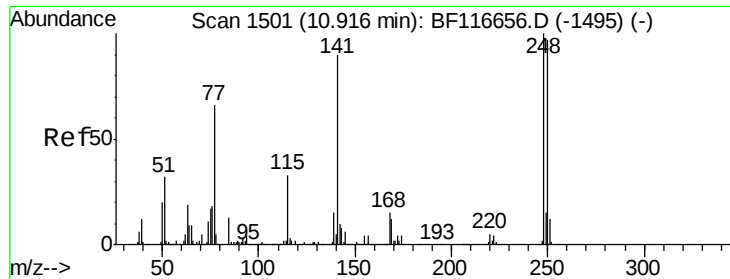
Tot Ion:188 Resp: 346544
Ion Ratio Lower Upper
188 100
94 9.7 7.3 10.9
80 10.6 8.4 12.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.700 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116705.D
Acq: 31 Aug 2019 17:55

Tgt Ion:198 Resp: 376
Ion Ratio Lower Upper
198 100
51 127.0 18.4 58.4#
105 188.2 22.9 62.9#





#67

4-Bromophenyl-phenylether

Concen: 3.303 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF116705.D

Acq: 31 Aug 2019 17:55

Instrument :

BNA_F

ClientSampled :

TP10-COMP

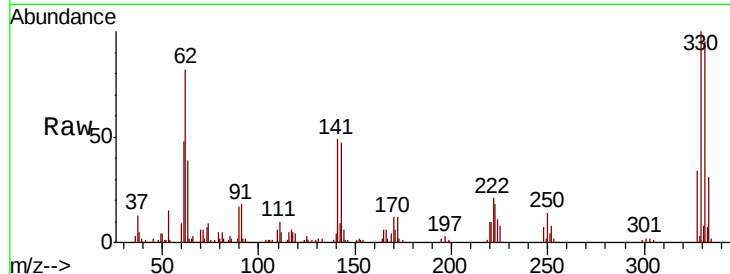
Tot Ion:248 Resp: 11627

Ion Ratio Lower Upper

248 100

250 201.7 77.8 116.8#

141 688.2 75.9 113.9#

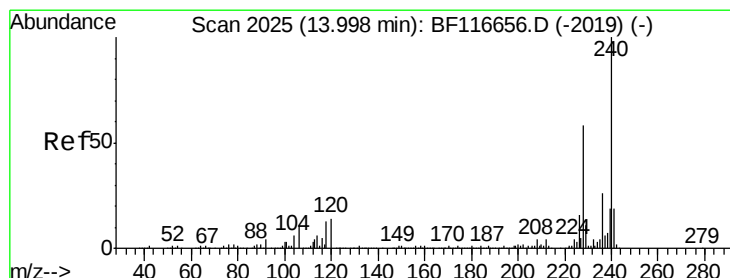
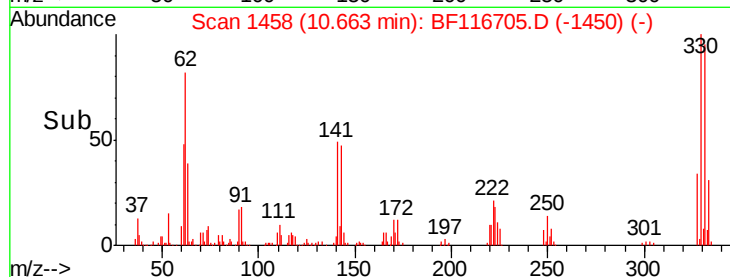
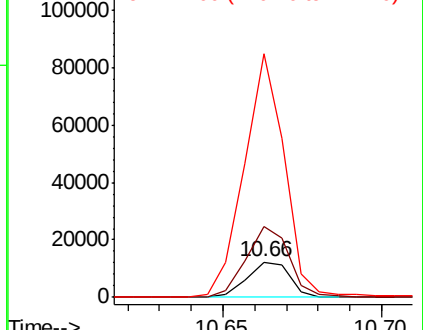


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116705.D

Acq: 31 Aug 2019 17:55

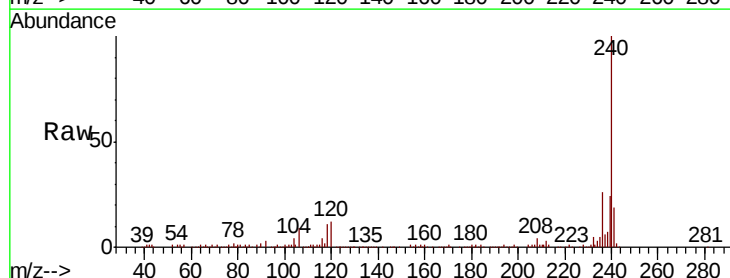
Tgt Ion:240 Resp: 217752

Ion Ratio Lower Upper

240 100

120 11.8 9.1 13.7

236 26.1 21.1 31.7

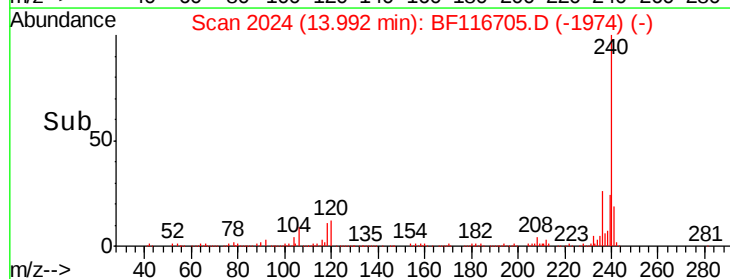
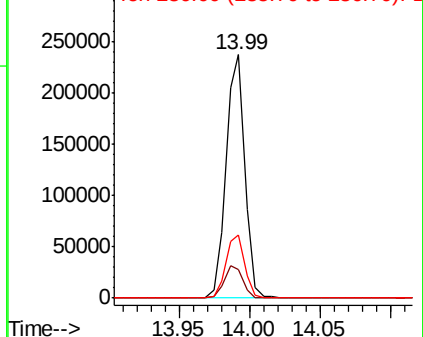


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

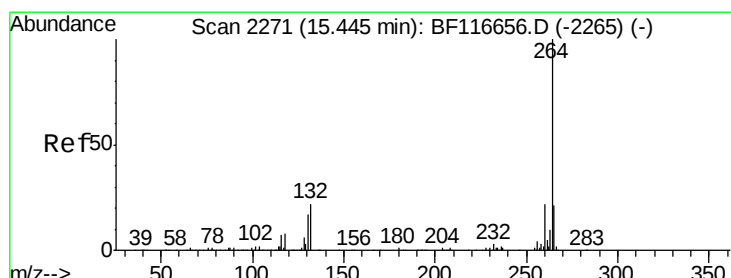
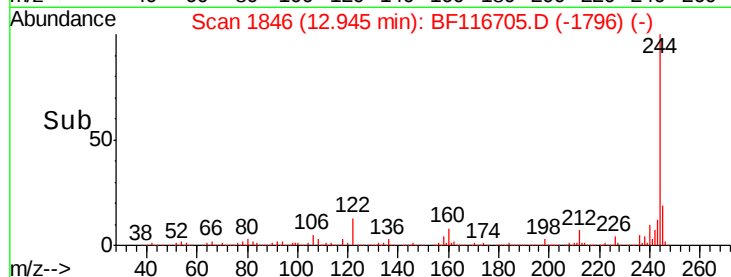
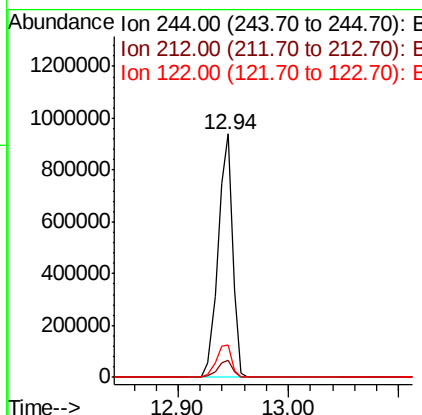
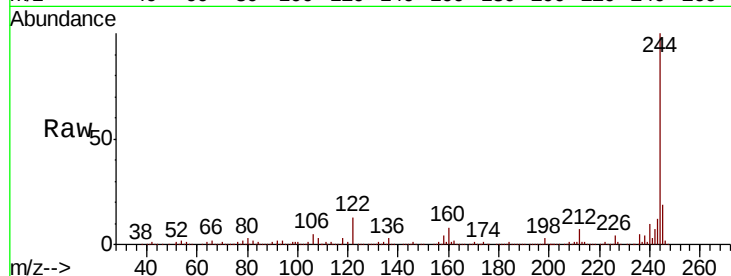




#79
 Terphenyl-d14
 Concen: 72.580 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116705.D
 Acq: 31 Aug 2019 17:55

Instrument :
 BNA_F
 ClientSampleId :
 TP10-COMP

Tot Ion:244 Resp: 854319
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 13.1 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF116705.D
 Acq: 31 Aug 2019 17:55

Tgt Ion:264 Resp: 255305
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.3 27.5
 265 22.3 16.5 24.7

