

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119778.D
 Acq On : 6 Apr 2020 18:06
 Operator : MA/SJ
 Sample : L2146-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-67-66-COMP

Quant Time: Apr 06 18:39:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

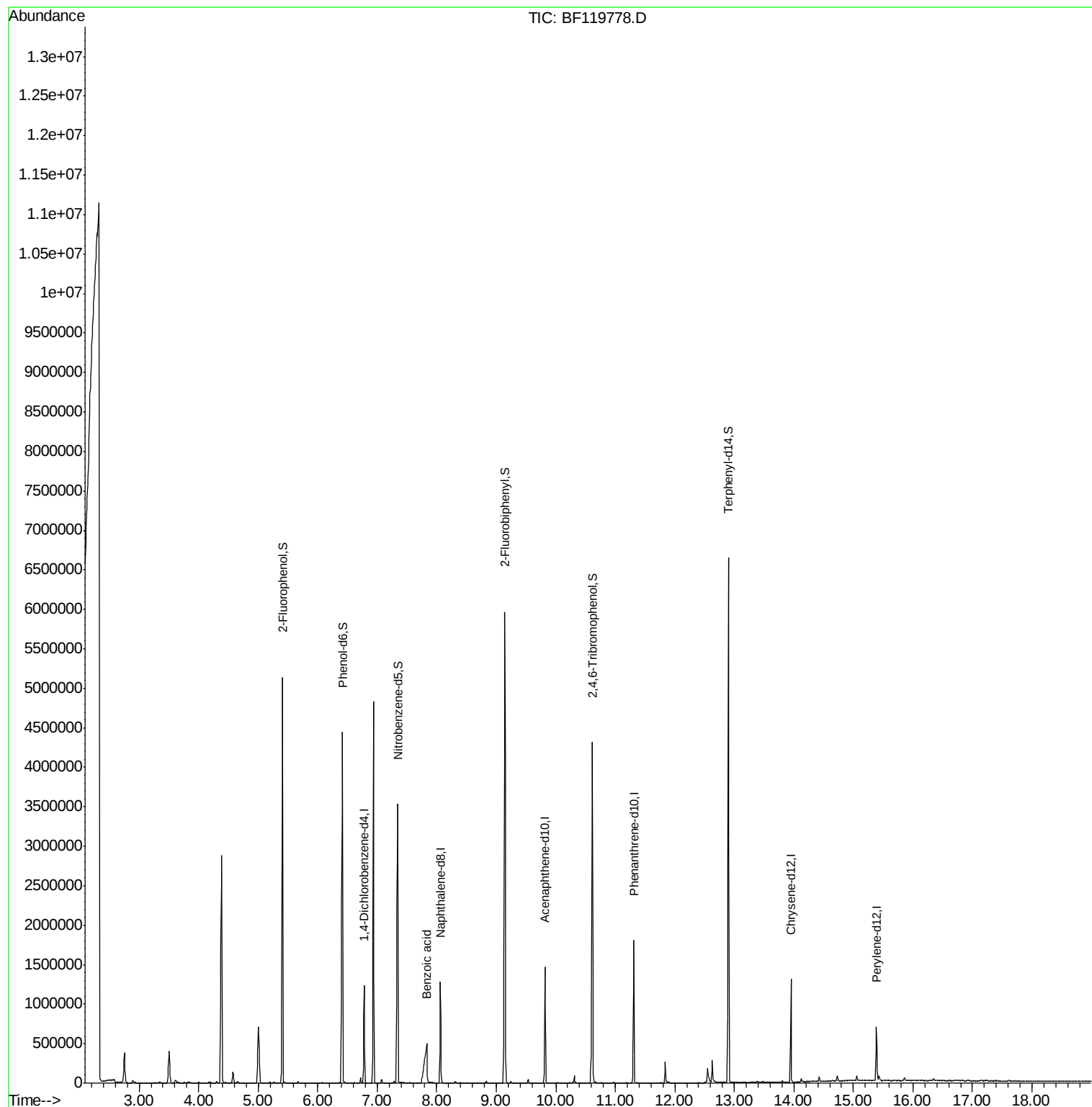
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	171711	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	621793	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	310675	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	641639	20.00	ng	0.00
76) Chrysene-d12	13.95	240	447408	20.00	ng	0.00
87) Perylene-d12	15.39	264	286550	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1386500	128.54	ng	0.02
7) Phenol-d6	6.42	99	1592977	115.61	ng	0.00
23) Nitrobenzene-d5	7.35	82	1251231	109.36	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	595021	185.65	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2276333	108.55	ng	0.00
79) Terphenyl-d14	12.90	244	2525686	110.60	ng	0.00
Target Compounds						
32) Benzoic acid	7.83	122	290423	45.355	ng	Qvalue 98

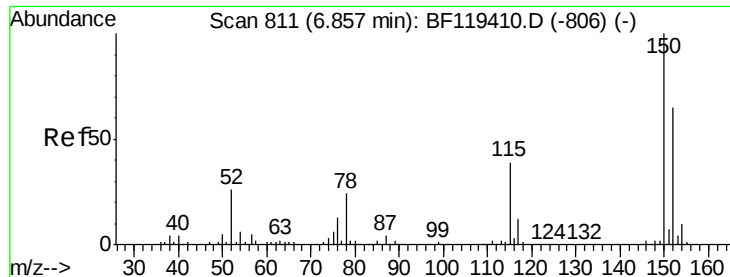
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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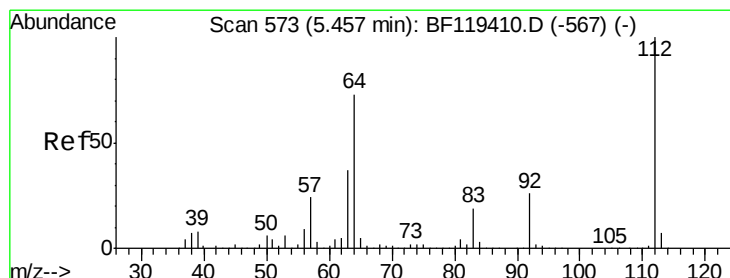
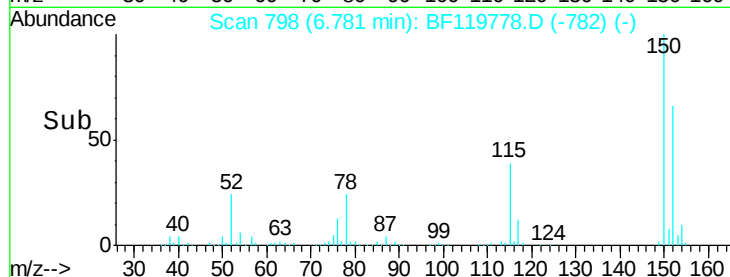
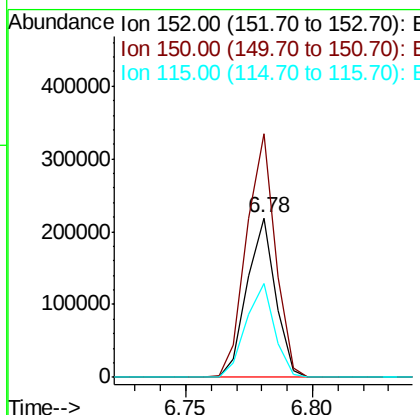
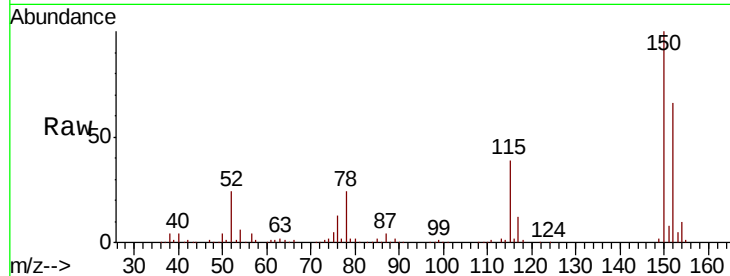


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119778.D
Acq: 6 Apr 2020 18:06

Instrument :
BNA_F
ClientSampleId :
TP-67-66-COMP

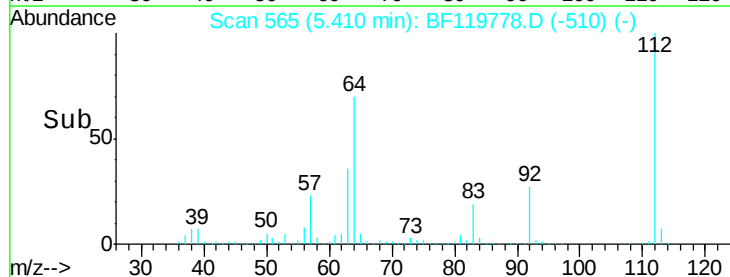
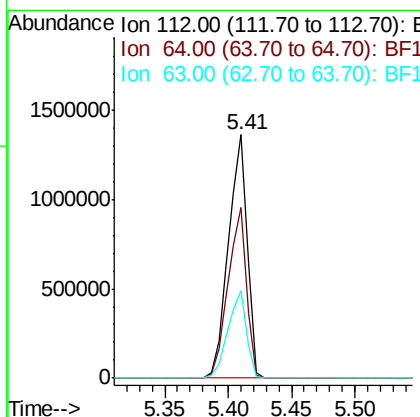
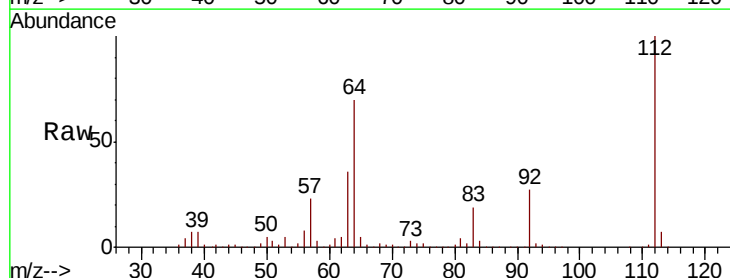
Tot Ion:152 Resp: 171711
Ion Ratio Lower Upper
152 100
150 152.6 124.5 186.7
115 58.8 49.6 74.4

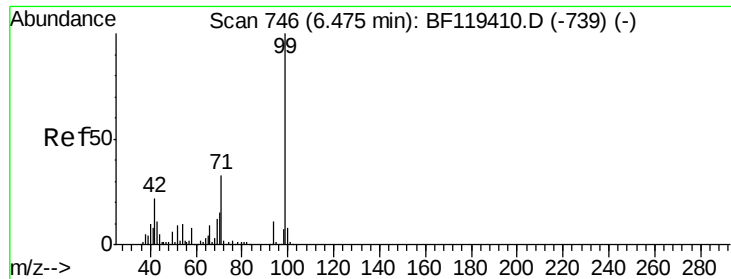


#5

2-Fluorophenol
Concen: 128.540 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF119778.D
Acq: 6 Apr 2020 18:06

Tgt Ion:112 Resp: 1386500
Ion Ratio Lower Upper
112 100
64 70.0 56.7 85.1
63 36.1 29.5 44.3





#7

Phenol-d6

Concen: 115.609 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119778.D

Acq: 6 Apr 2020 18:06

Instrument :

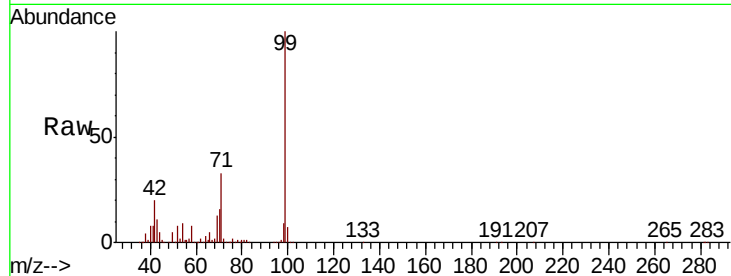
BNA_F

ClientSampleId :

TP-67-66-COMP

Tot Ion: 99 Resp: 1592977

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.6	24.8
71	33.3	26.4	39.6

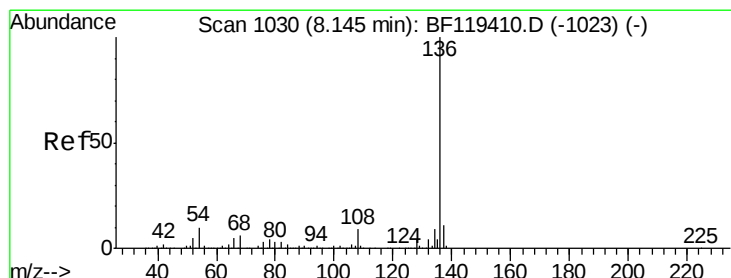
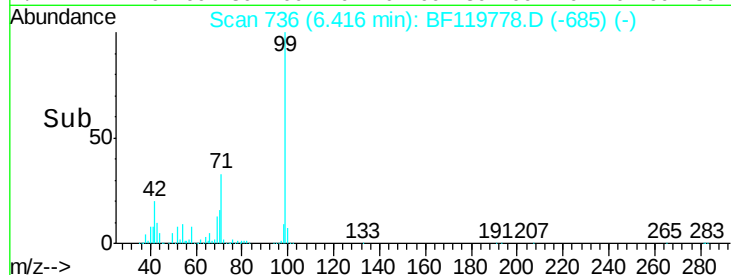


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

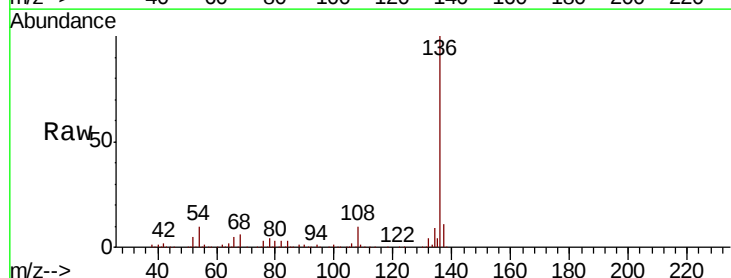
Delta R.T. -0.01 min

Lab File: BF119778.D

Acq: 6 Apr 2020 18:06

Tgt Ion: 136 Resp: 621793

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.1	9.1	13.7
68	5.5	4.6	6.8



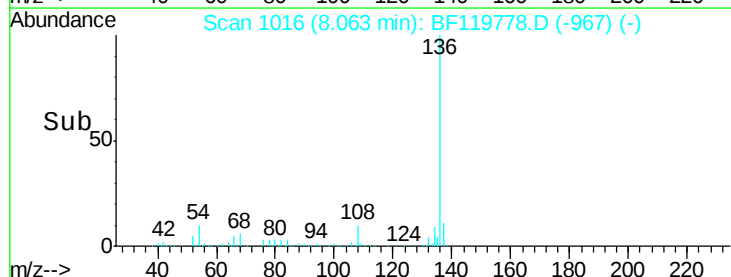
Abundance

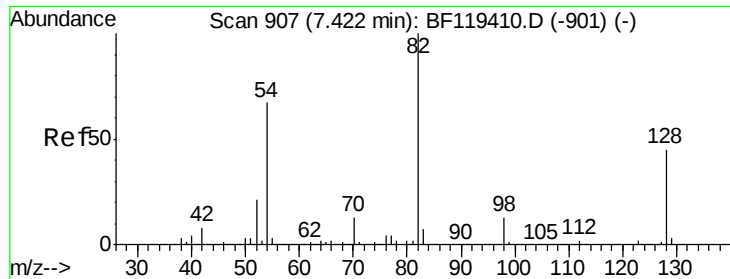
Ion 136.00 (135.70 to 136.70): E

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

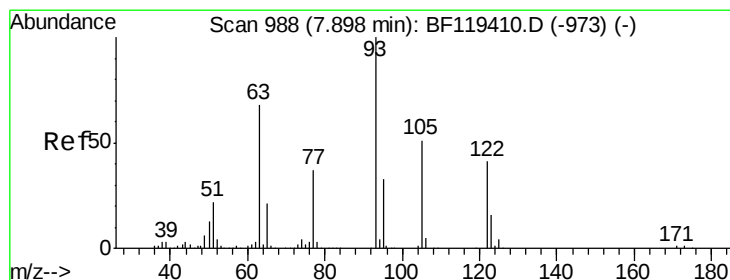
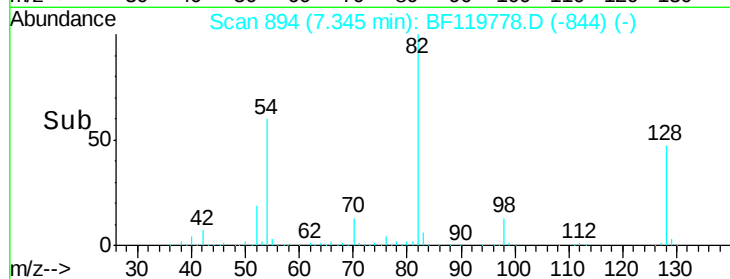
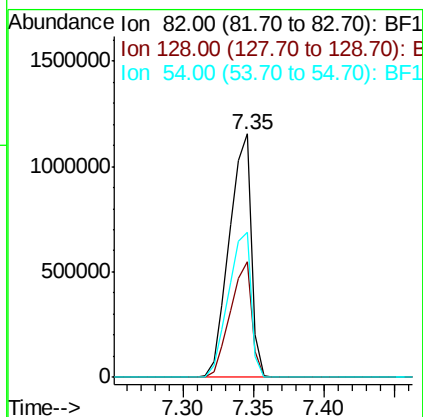
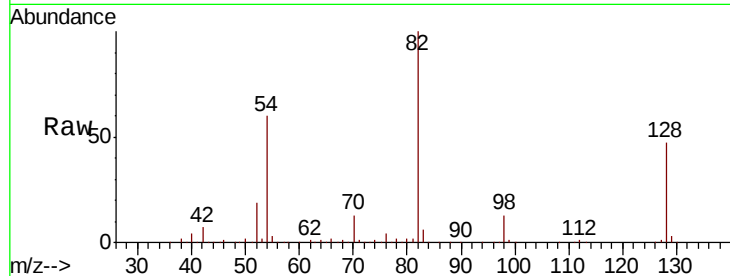




#23
 Nitrobenzene-d5
 Concen: 109.364 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF119778.D
 Acq: 6 Apr 2020 18:06

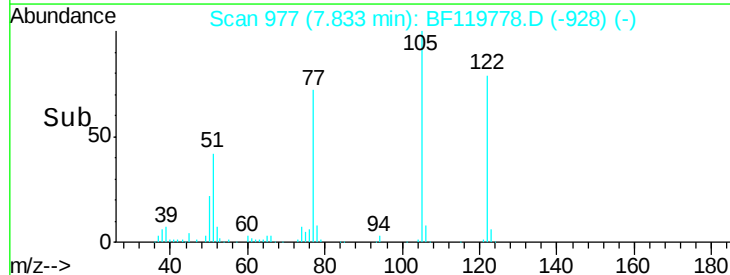
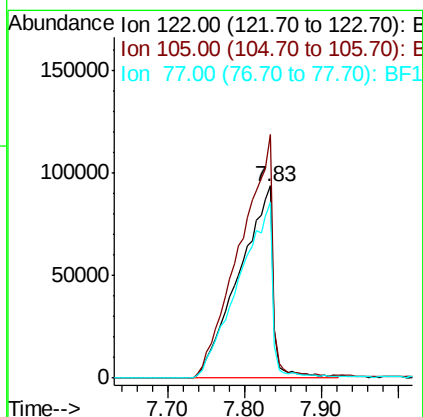
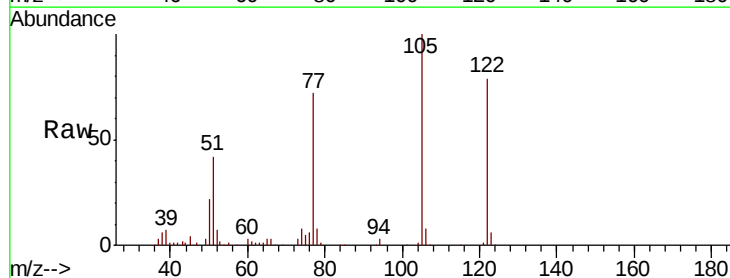
Instrument :
 BNA_F
 ClientSampleId :
 TP-67-66-COMP

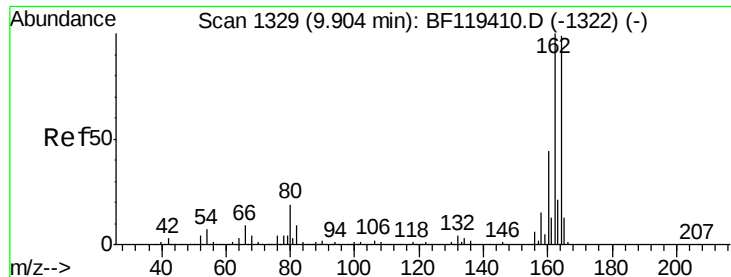
Tot Ion: 82 Resp: 1251231
 Ion Ratio Lower Upper
 82 100
 128 47.3 36.3 54.5
 54 59.8 50.6 75.8



#32
 Benzoic acid
 Concen: 45.355 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF119778.D
 Acq: 6 Apr 2020 18:06

Tgt Ion: 122 Resp: 290423
 Ion Ratio Lower Upper
 122 100
 105 126.7 104.9 144.9
 77 91.3 74.4 114.4

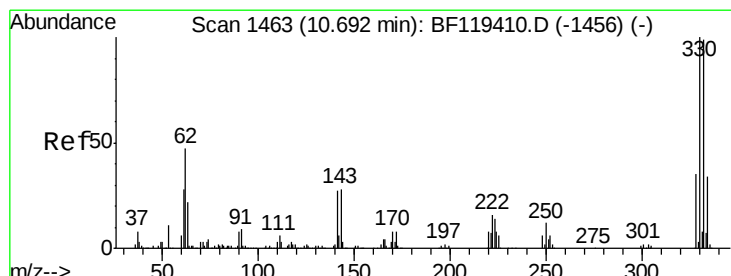
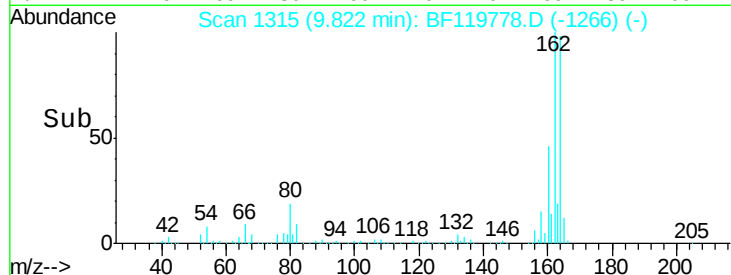
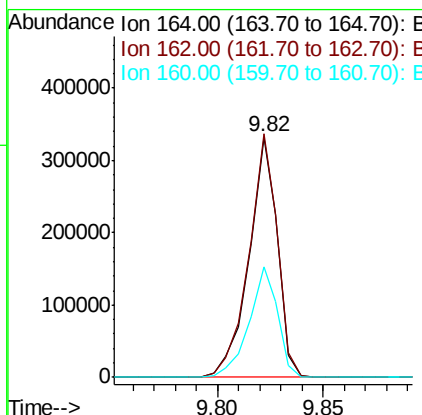
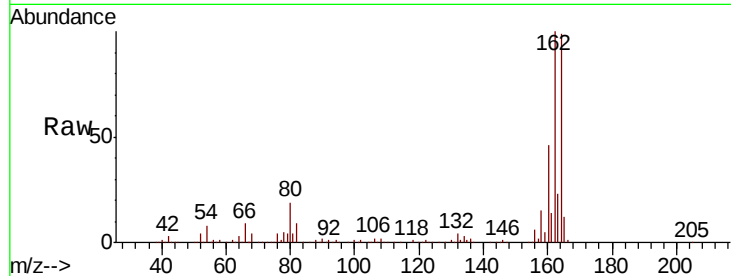




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF119778.D
 Acq: 6 Apr 2020 18:06

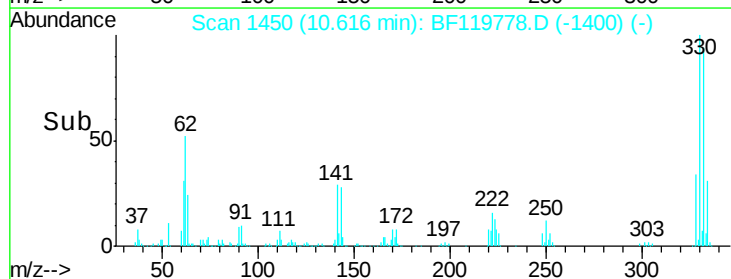
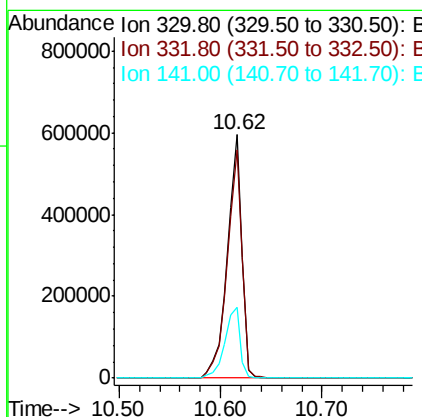
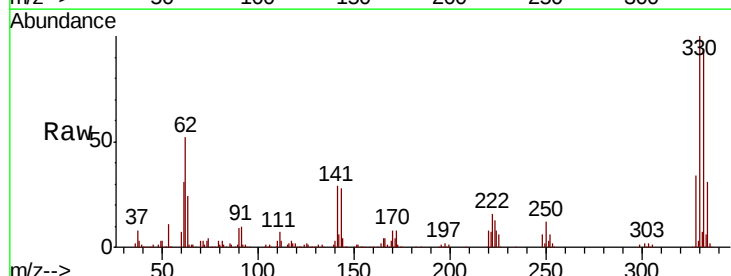
Instrument :
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 ClientSampleId :
 TP-67-66-COMP

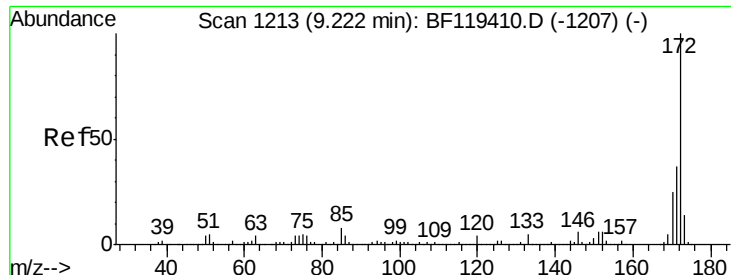
Tot Ion:164 Resp: 310675
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.6 121.0
 160 46.2 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 185.647 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119778.D
 Acq: 6 Apr 2020 18:06

Tgt Ion:330 Resp: 595021
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.7 113.5
 141 30.6 25.4 38.0

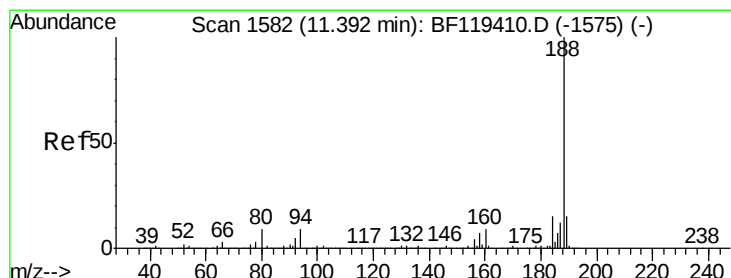
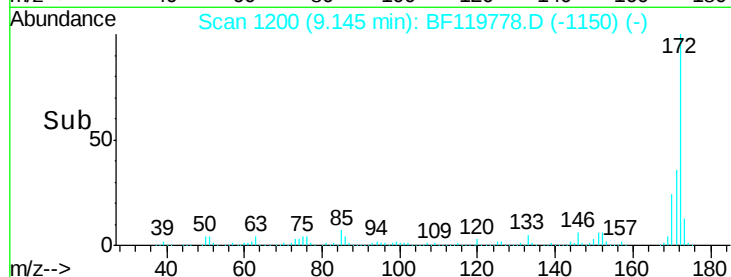
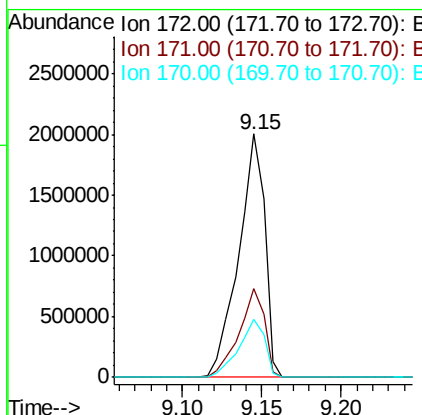
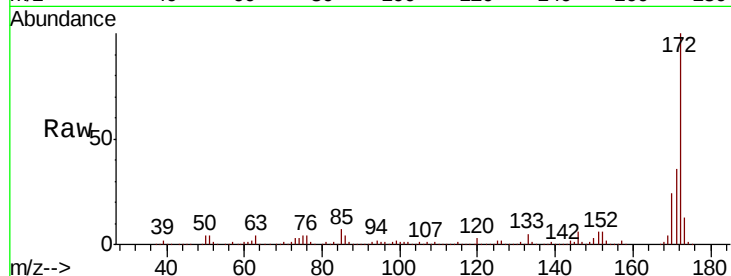




#45
 2-Fluorobiphenyl
 Concen: 108.548 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119778.D
 Acq: 6 Apr 2020 18:06

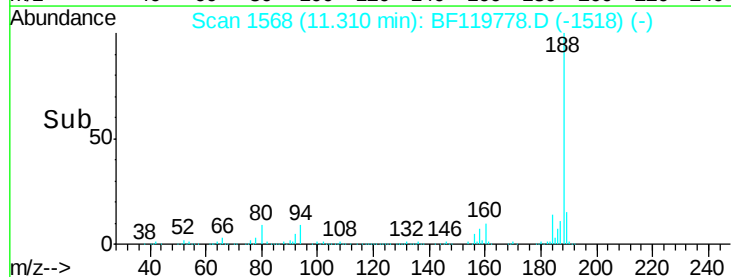
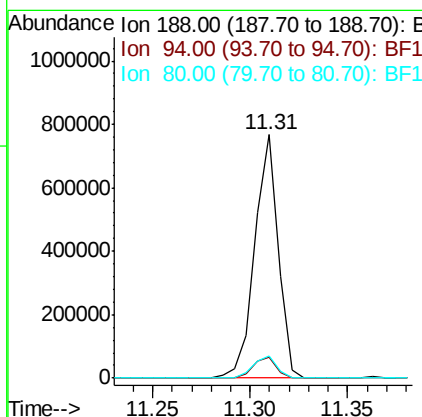
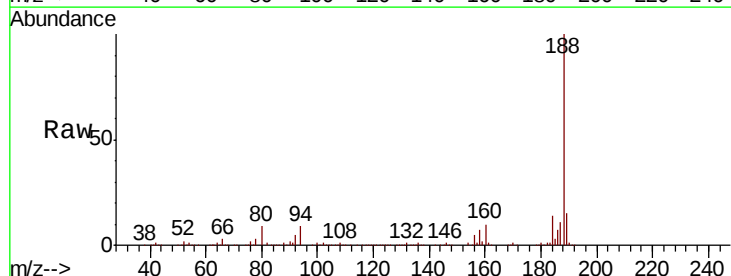
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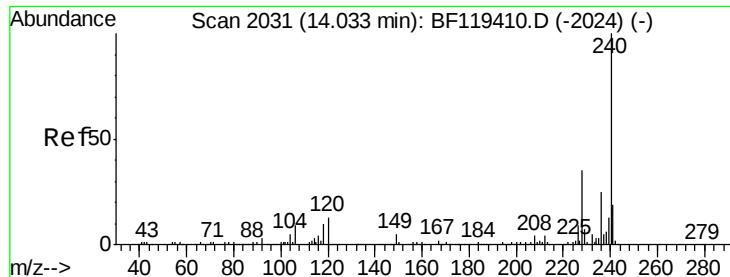
Tot Ion:172 Resp: 2276333
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.8 20.2 30.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119778.D
 Acq: 6 Apr 2020 18:06

Tgt Ion:188 Resp: 641639
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.5 11.3
 80 9.1 9.0 13.4

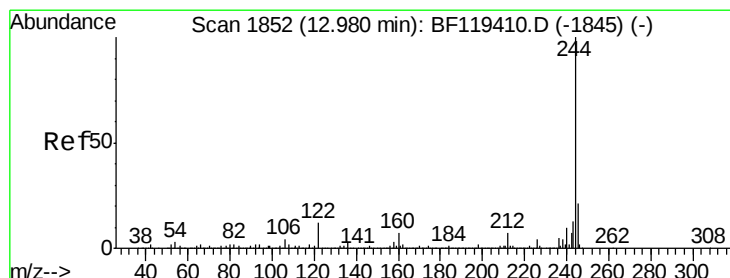
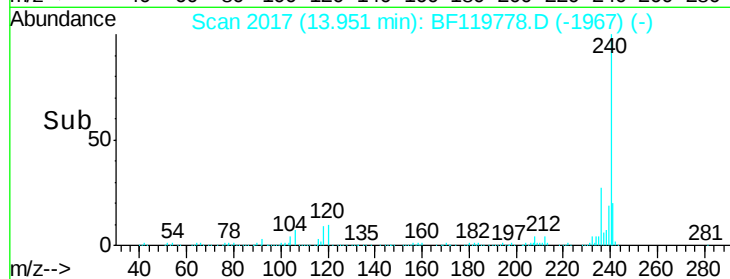
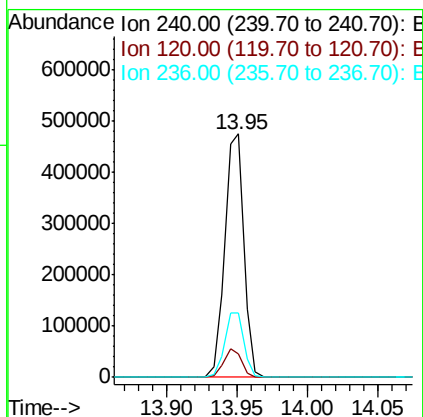
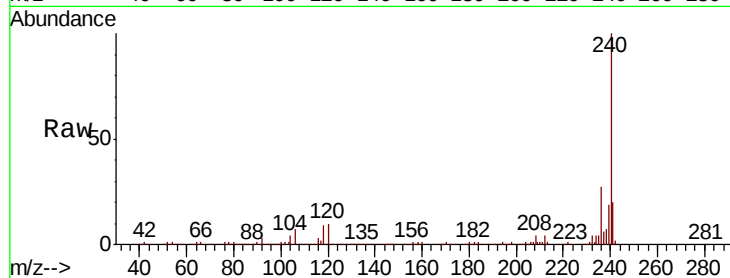




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF119778.D
 Acq: 6 Apr 2020 18:06

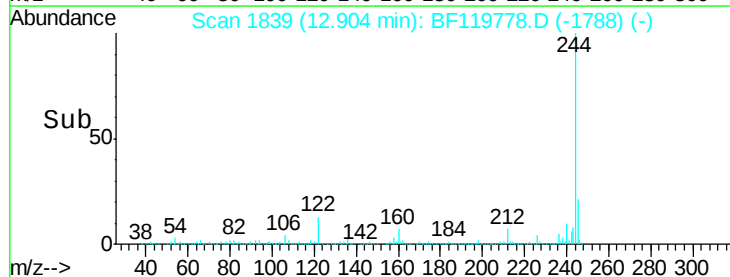
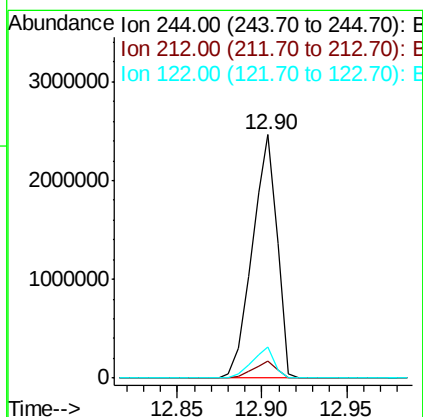
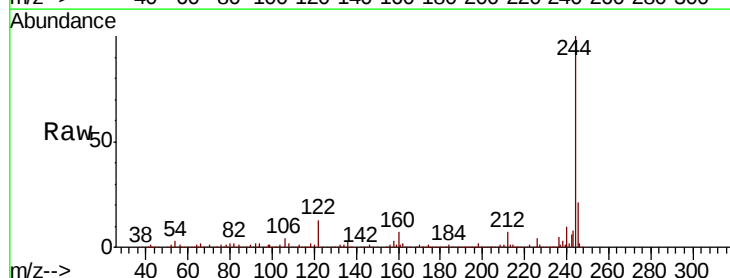
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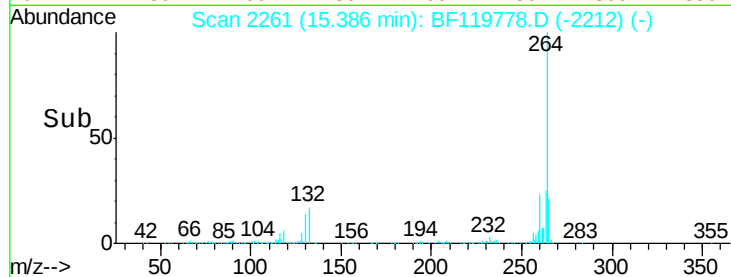
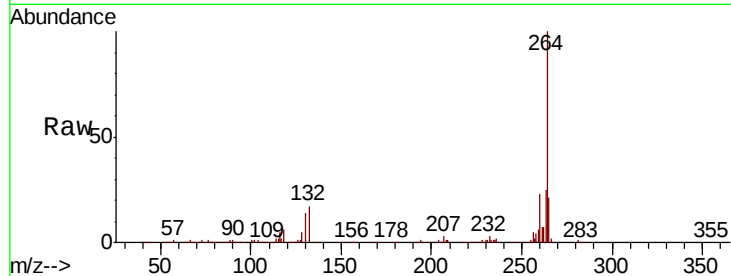
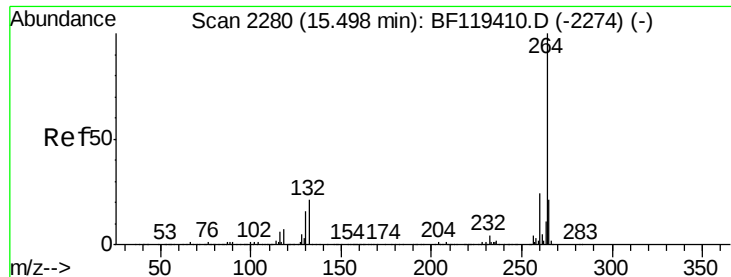
Tot Ion:240 Resp: 447408
 Ion Ratio Lower Upper
 240 100
 120 9.6 10.6 15.8#
 236 26.7 20.2 30.2



#79
 Terphenyl-d14
 Concen: 110.601 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF119778.D
 Acq: 6 Apr 2020 18:06

Tgt Ion:244 Resp: 2525686
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 12.6 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF119778.D
Acq: 6 Apr 2020 18:06

Instrument :
BNA_F
ClientSampleId :
TP-67-66-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	20.9	17.7	26.5

