

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119404.D
 Acq On : 13 Mar 2020 2:49
 Operator : CG/JU
 Sample : L1871-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-SA

Quant Time: Mar 13 04:57:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

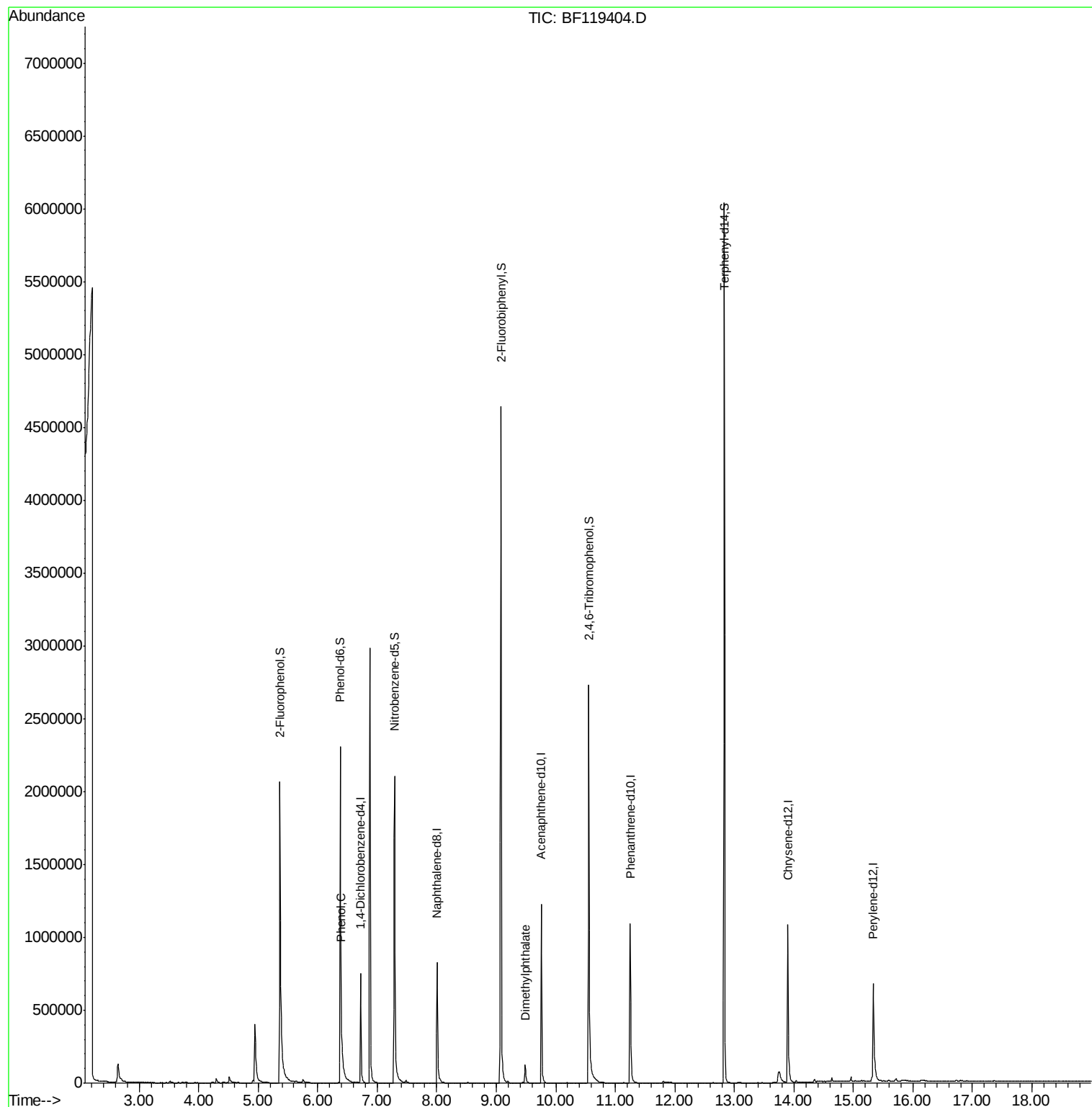
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	127032	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	494452	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	276831	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	555810	20.00	ng	0.00
76) Chrysene-d12	13.90	240	466475	20.00	ng	0.01
87) Perylene-d12	15.33	264	436662	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	954581	125.58	ng	0.02
7) Phenol-d6	6.38	99	1061342	114.81	ng	0.00
23) Nitrobenzene-d5	7.29	82	838381	89.53	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	493930	136.39	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1633950	86.95	ng	0.00
79) Terphenyl-d14	12.83	244	2311438	85.31	ng	0.00
Target Compounds						
10) Phenol	6.40	94	21160	2.117	ng	Qvalue # 62
50) Dimethylphthalate	9.49	163	79706	3.765	ng	99

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

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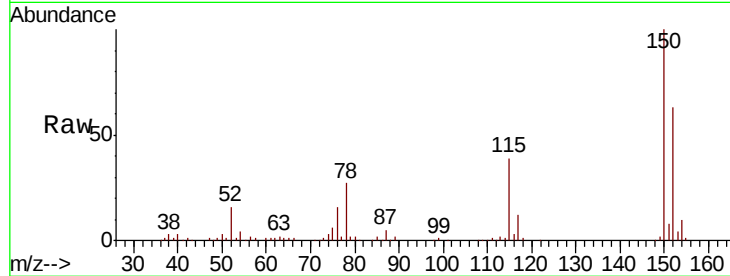


#1

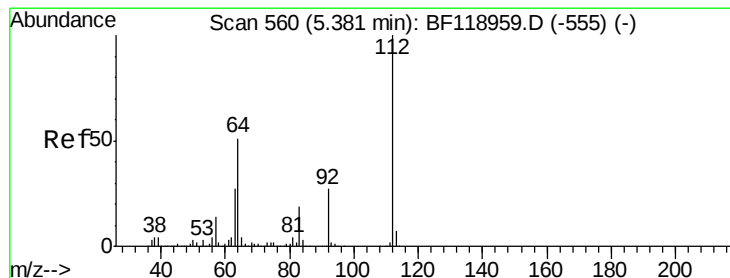
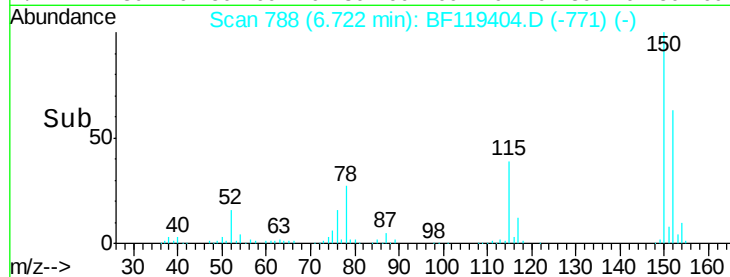
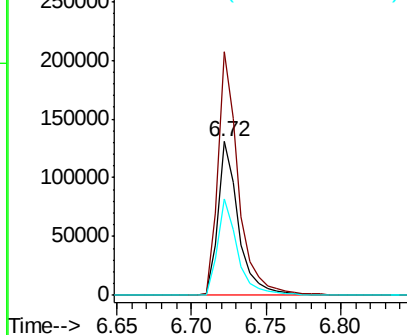
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Instrument :
BNA_F
ClientSampleId :
TP-17-SA

Tot Ion:152 Resp: 127032
Ion Ratio Lower Upper
152 100
150 158.5 123.0 184.6
115 62.6 49.5 74.3



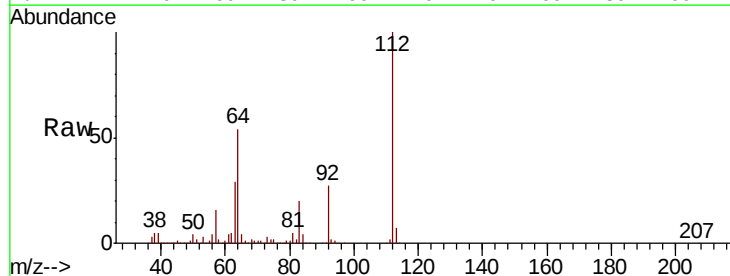
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



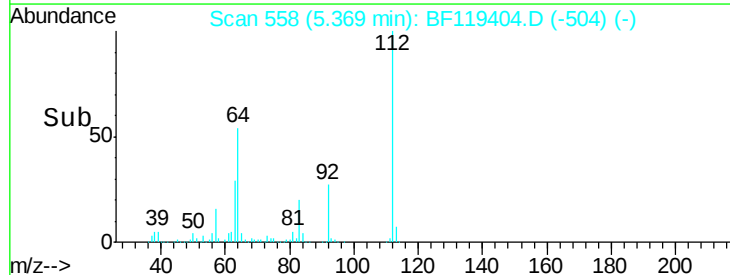
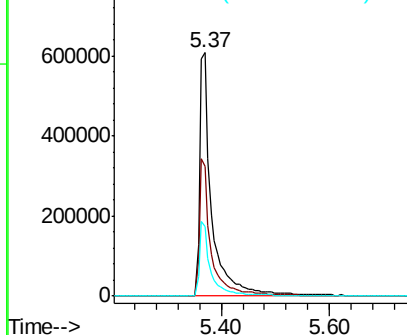
#5

2-Fluorophenol
Concen: 125.581 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Tgt Ion:112 Resp: 954581
Ion Ratio Lower Upper
112 100
64 53.5 45.0 67.4
63 28.7 24.2 36.4



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: 114.806 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119404.D

Acq: 13 Mar 2020 2:49

Instrument :

BNA_F

ClientSampled :

TP-17-SA

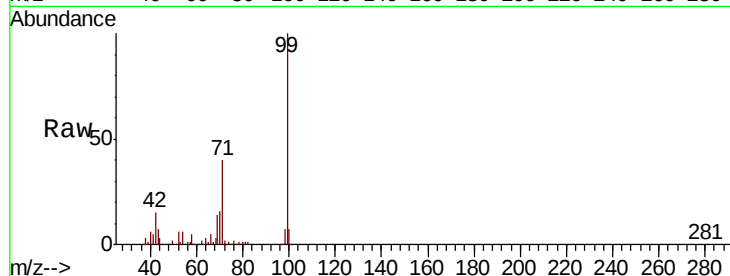
Tot Ion: 99 Resp: 1061342

Ion Ratio Lower Upper

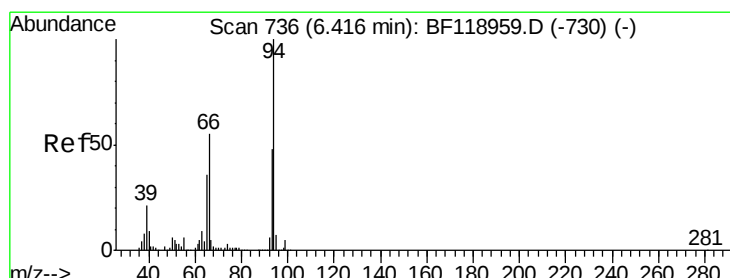
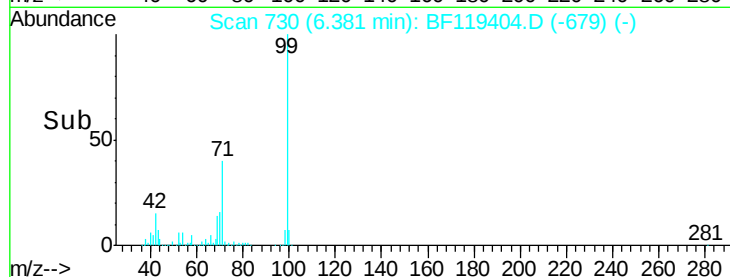
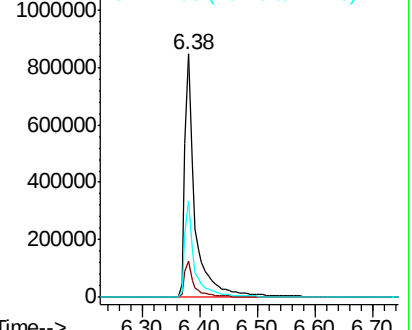
99 100

42 15.1 12.6 18.8

71 39.7 31.0 46.4



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



#10

Phenol

Concen: 2.117 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119404.D

Acq: 13 Mar 2020 2:49

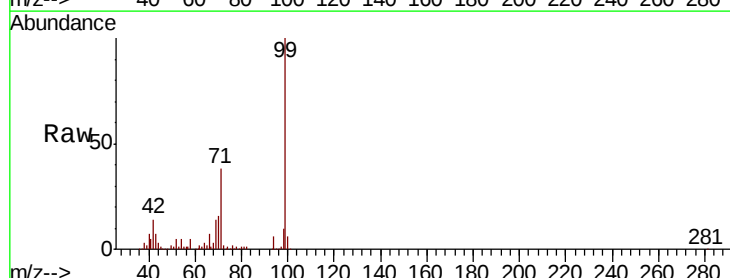
Tgt Ion: 94 Resp: 21160

Ion Ratio Lower Upper

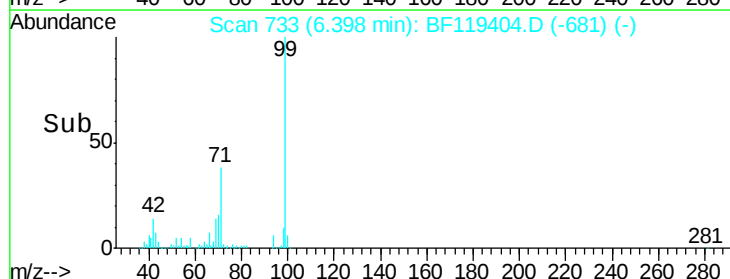
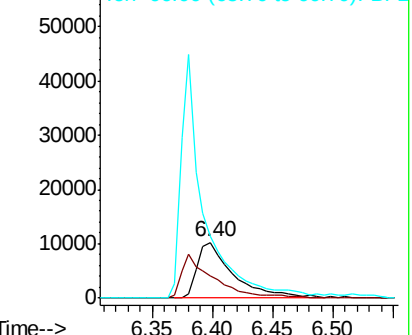
94 100

65 39.0 19.2 59.2

66 111.8 44.4 84.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

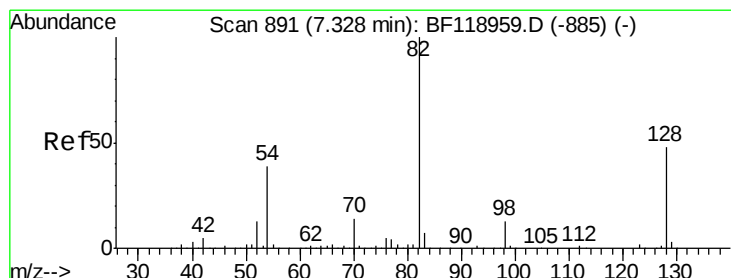
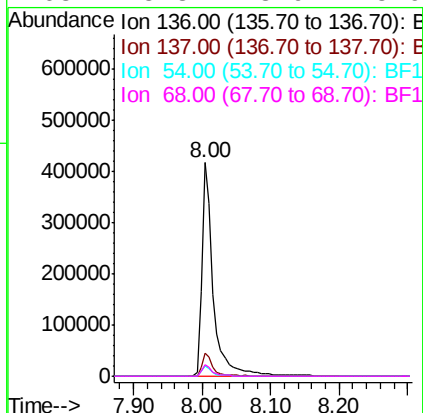
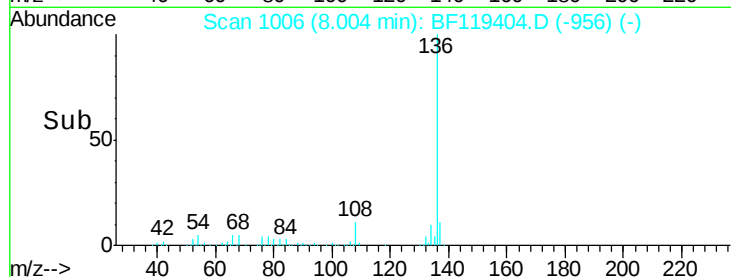
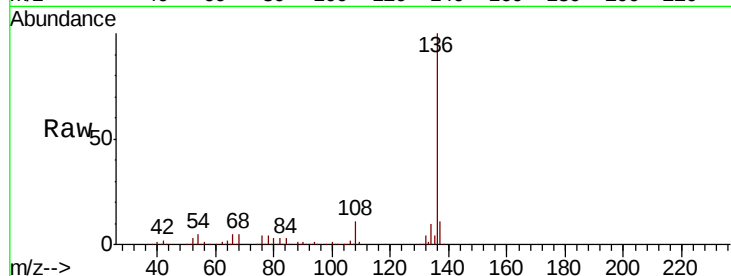




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

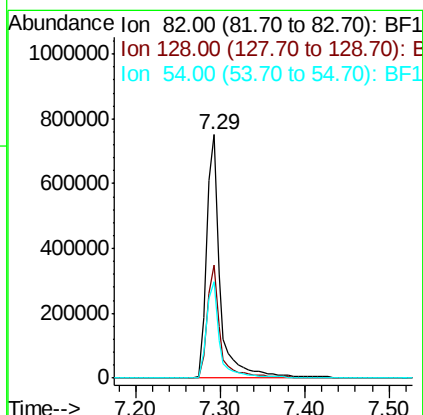
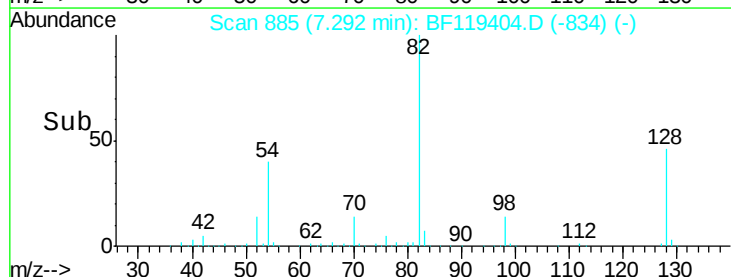
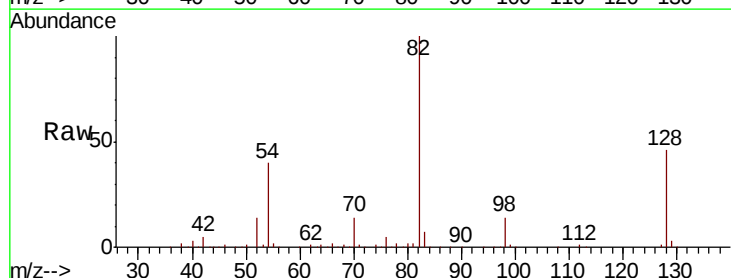
Instrument :
BNA_F
ClientSampleId :
TP-17-SA

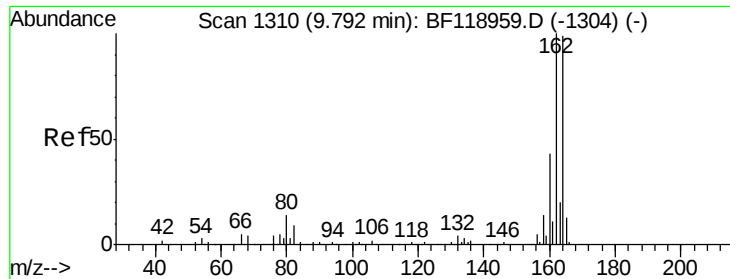
Tot Ion:136	Resp:	494452
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	5.1	3.8 5.6
68	5.3	3.9 5.9



#23
Nitrobenzene-d5
Concen: 89.526 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Tgt Ion: 82	Resp:	838381
Ion	Ratio	Lower Upper
82	100	
128	46.5	37.9 56.9
54	39.9	33.4 50.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119404.D

Acq: 13 Mar 2020 2:49

Instrument :

BNA_F

ClientSampleId :

TP-17-SA

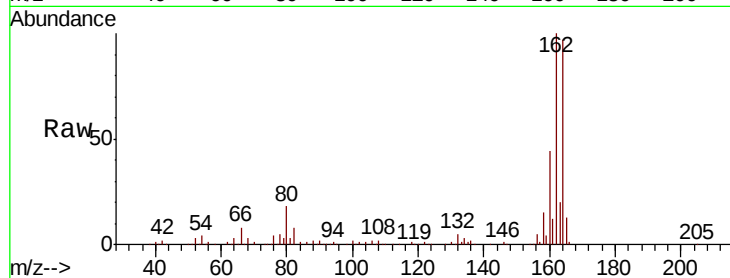
Tot Ion:164 Resp: 276831

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.8

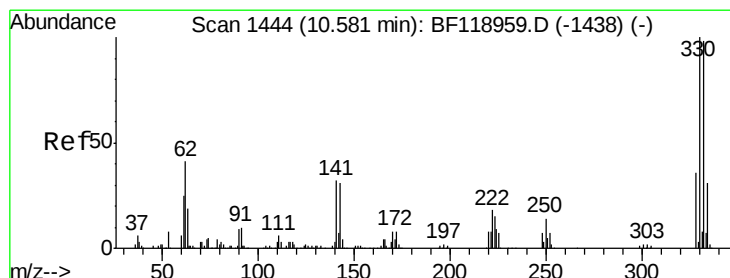
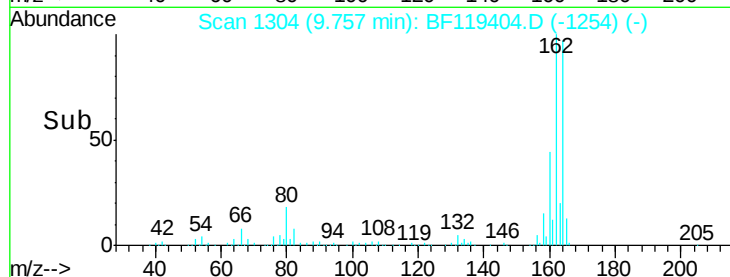
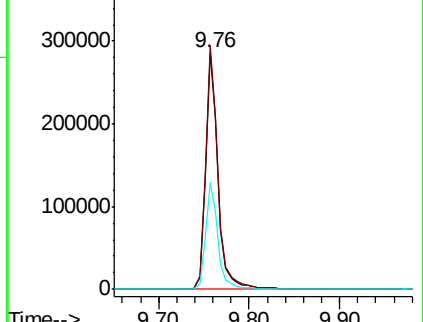
160 45.2 36.0 54.0



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: 136.391 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119404.D

Acq: 13 Mar 2020 2:49

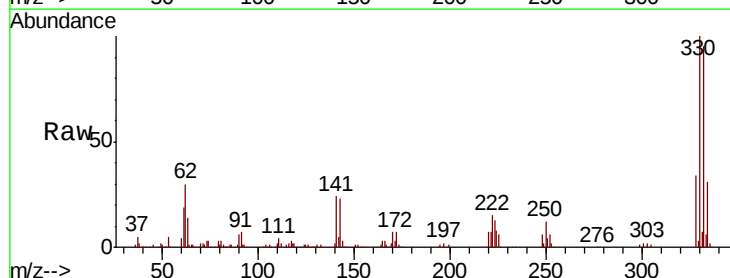
Tgt Ion:330 Resp: 493930

Ion Ratio Lower Upper

330 100

332 96.5 76.0 114.0

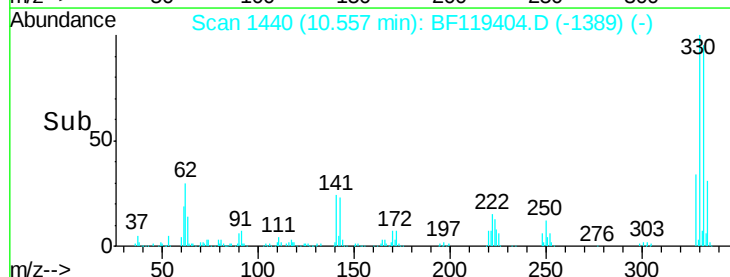
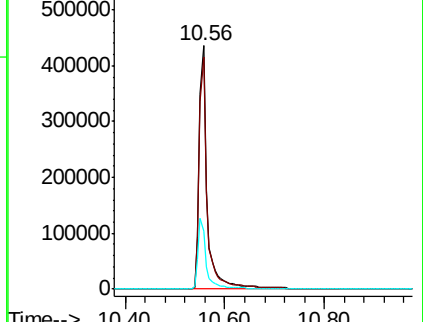
141 29.7 22.9 34.3

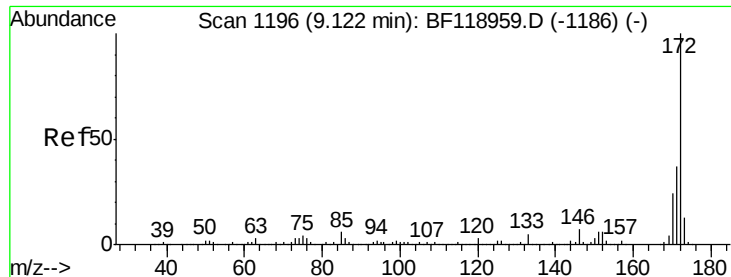


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



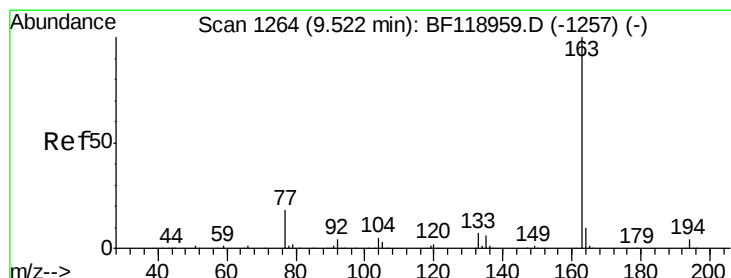
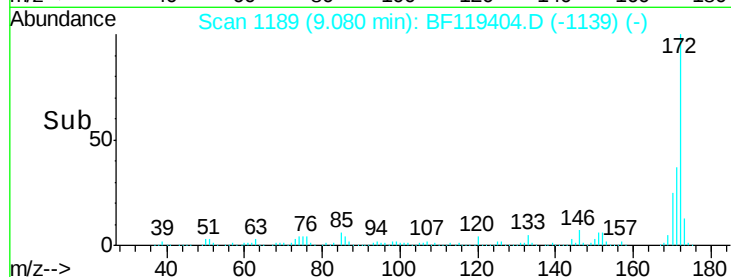
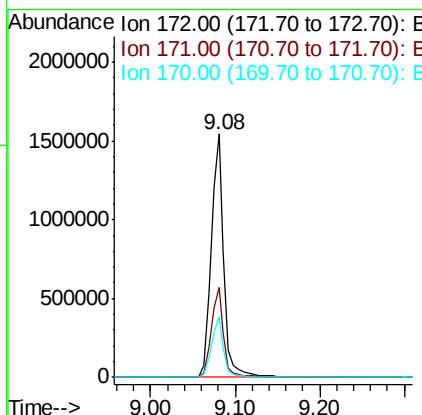
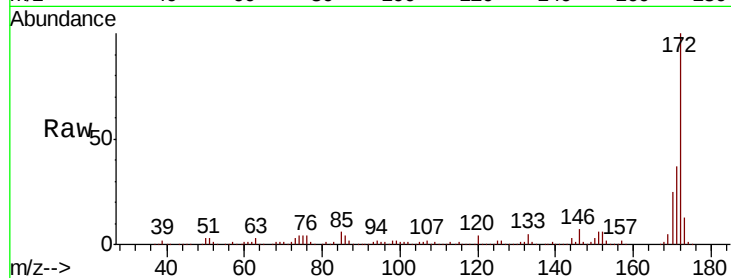


#45
 2-Fluorobiphenyl
 Concen: 86.952 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119404.D
 Acq: 13 Mar 2020 2:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-SA

Tot Ion:172 Resp: 1633950

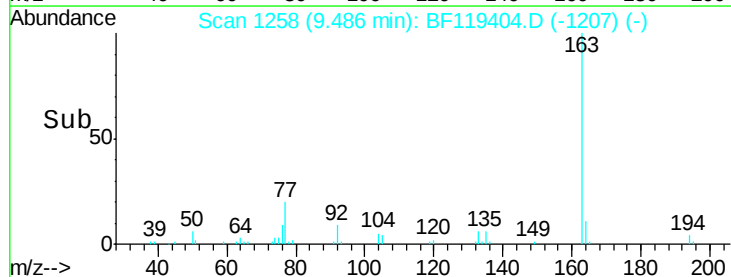
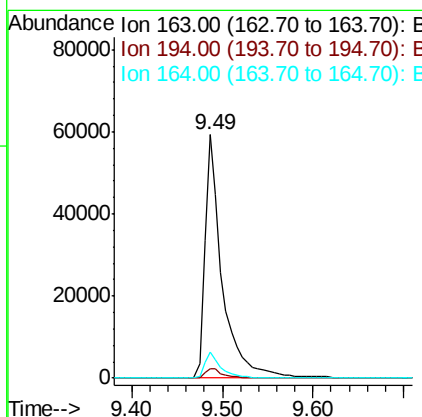
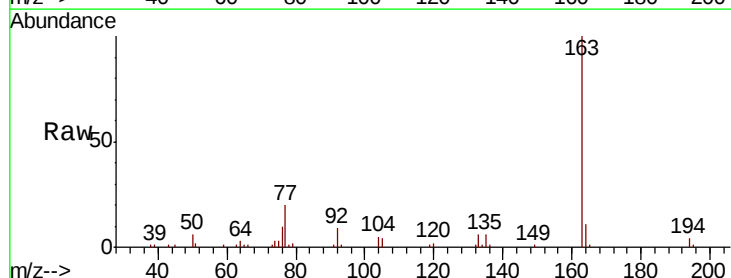
Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	45.8
170	24.6	20.2	30.2

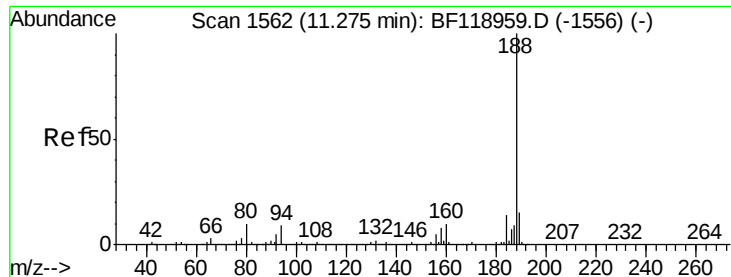


#50
 Dimethylphthalate
 Concen: 3.765 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BF119404.D
 Acq: 13 Mar 2020 2:49

Tgt Ion:163 Resp: 79706

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.8	8.4	12.6

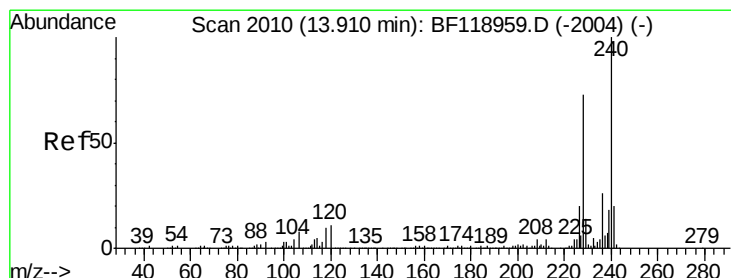
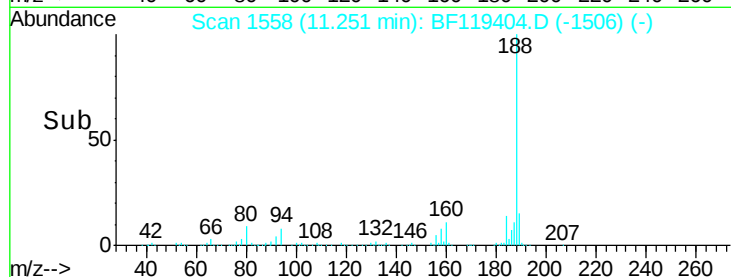
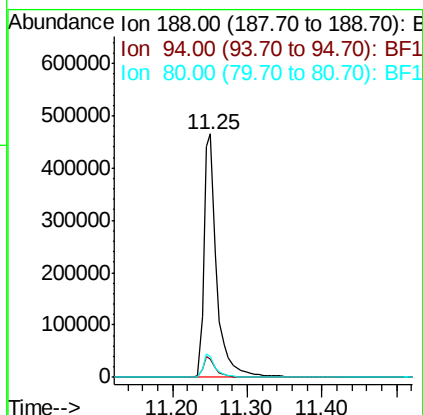
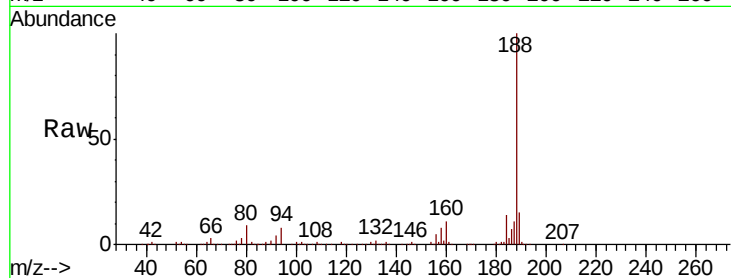




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

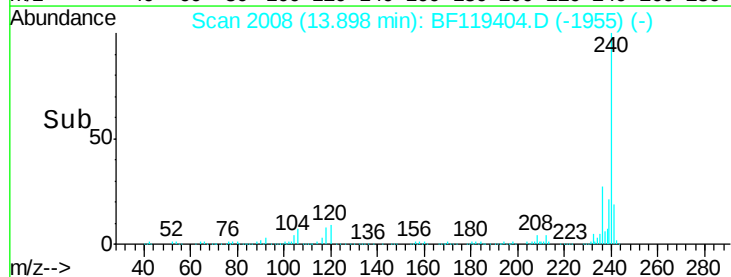
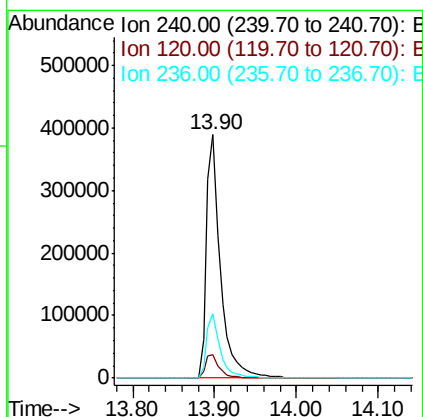
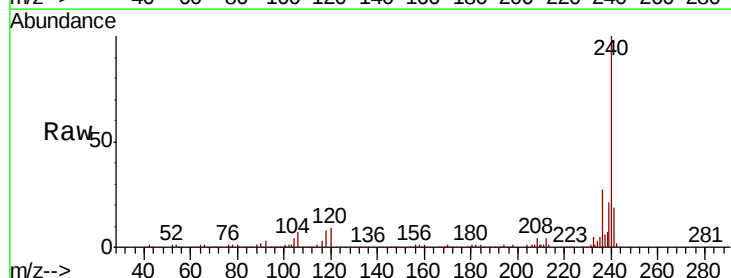
Instrument :
BNA_F
ClientSampleId :
TP-17-SA

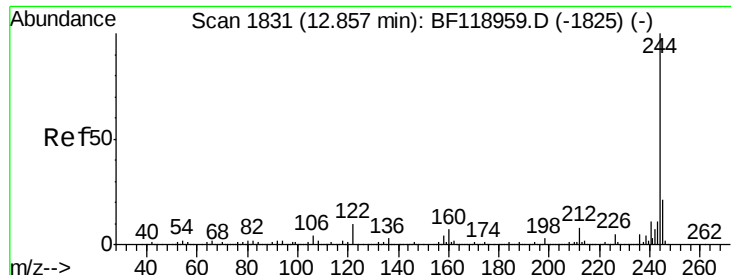
Tot Ion:188 Resp: 555810
Ion Ratio Lower Upper
188 100
94 7.7 7.1 10.7
80 8.8 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Tgt Ion:240 Resp: 466475
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 26.6 21.0 31.4





#79

Terphenyl-d14

Concen: 85.311 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119404.D

Acq: 13 Mar 2020 2:49

Instrument :

BNA_F

ClientSampleId :

TP-17-SA

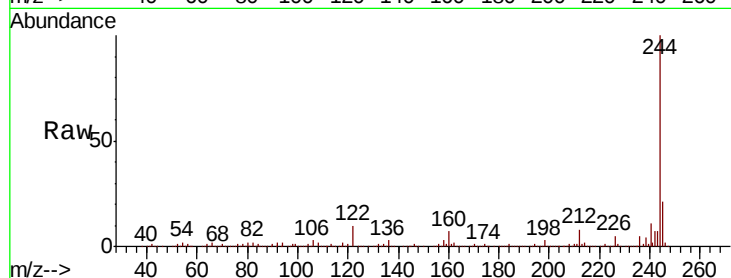
Tot Ion:244 Resp: 2311438

Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

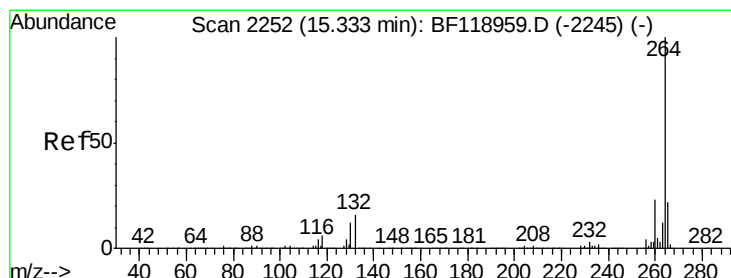
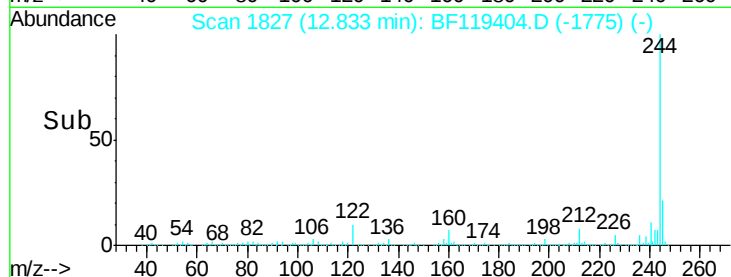
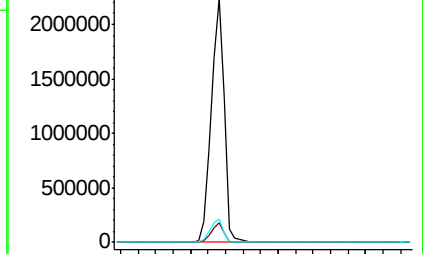
122 9.7 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.02 min

Lab File: BF119404.D

Acq: 13 Mar 2020 2:49

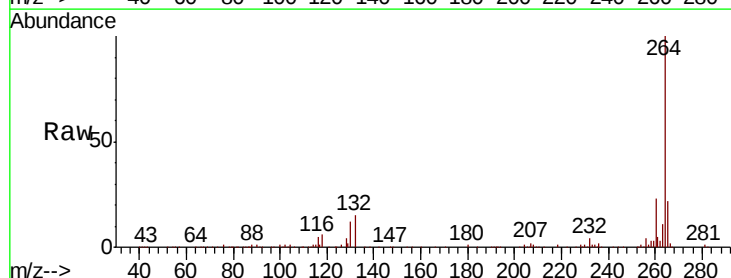
Tgt Ion:264 Resp: 436662

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

