

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117620.D
 Acq On : 30 Oct 2019 13:19
 Operator : JU
 Sample : K5539-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 165-26-(0-1)

Quant Time: Oct 31 02:01:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

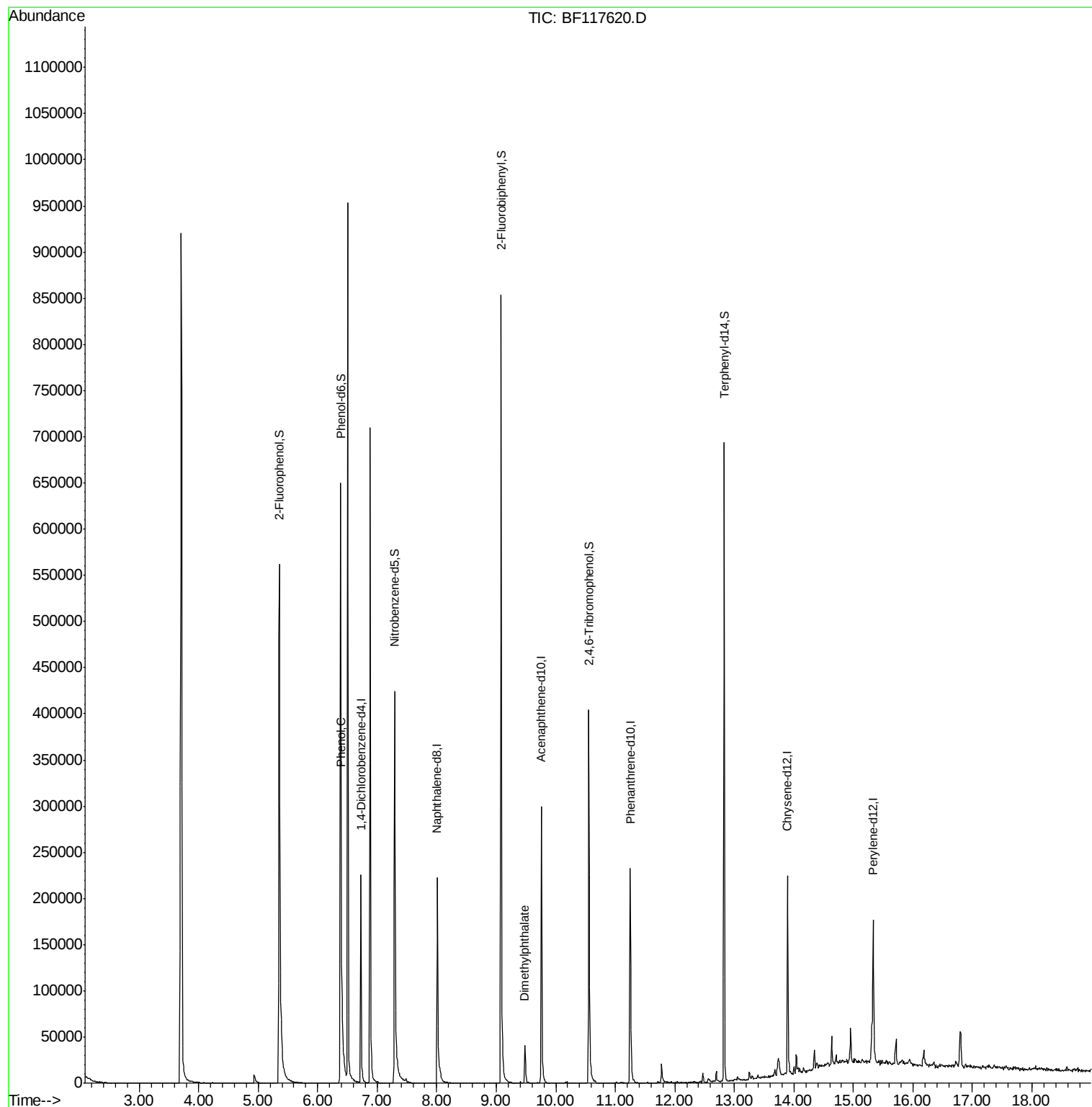
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	39157	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	152701	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	75492	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	112032	20.00	ng	0.00
76) Chrysene-d12	13.89	240	78803	20.00	ng	0.00
87) Perylene-d12	15.33	264	78065	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	242518	92.14	ng	0.00
7) Phenol-d6	6.39	99	333493	94.34	ng	0.00
23) Nitrobenzene-d5	7.29	82	202354	65.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	54112	82.84	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	290692	54.26	ng	-0.01
79) Terphenyl-d14	12.83	244	217947	45.11	ng	0.00
Target Compounds						
10) Phenol	6.40	94	10683	2.961	ng	89
50) Dimethylphthalate	9.49	163	25365	4.713	ng	98

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

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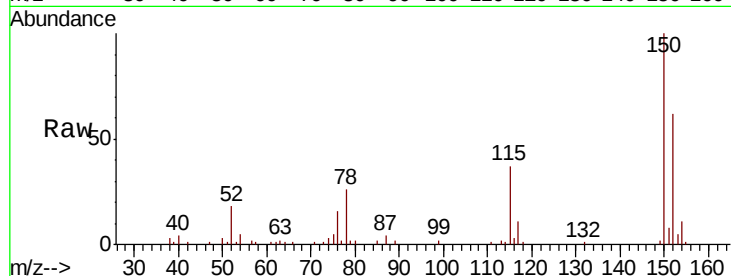


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
165-26-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	126.8	190.2
115	60.3	51.6	77.4

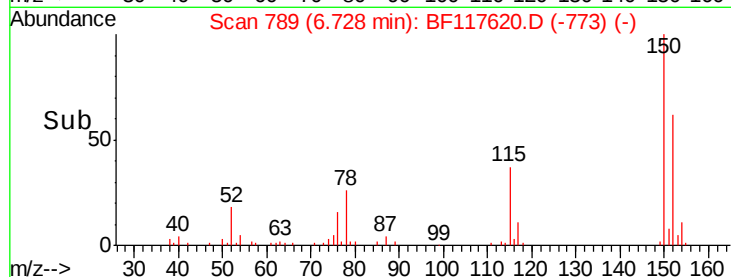
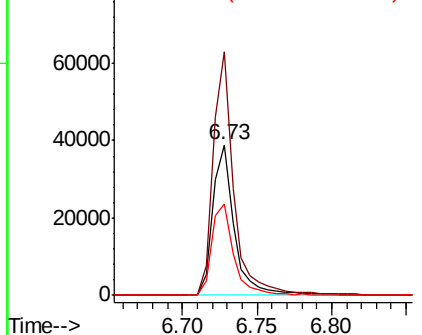


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

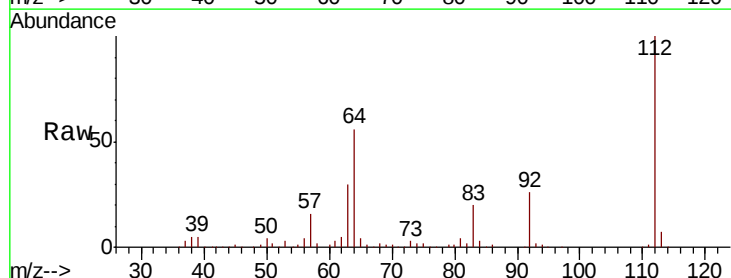
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.141 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	44.1	66.1
63	29.7	23.4	35.2

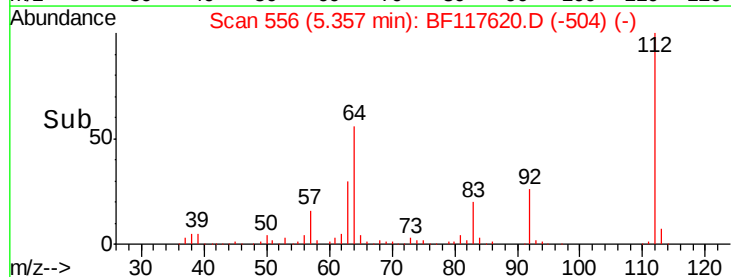
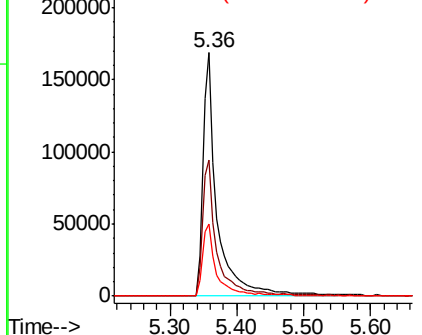


Abundance

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: 94.337 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117620.D

Acq: 30 Oct 2019 13:19

Instrument :

BNA_F

ClientSampleId :

165-26-(0-1)

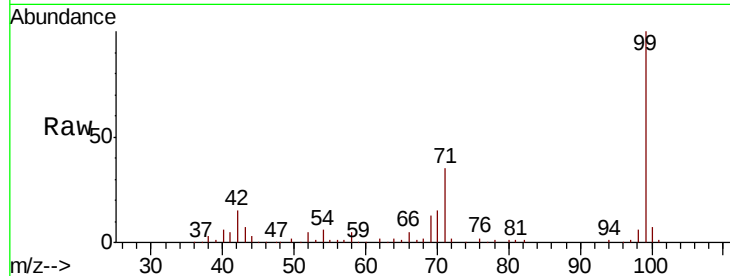
Tot Ion: 99 Resp: 333493

Ion Ratio Lower Upper

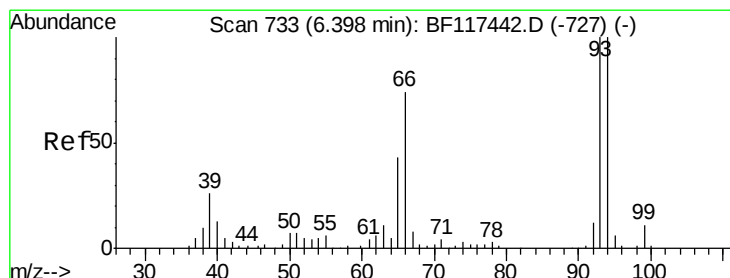
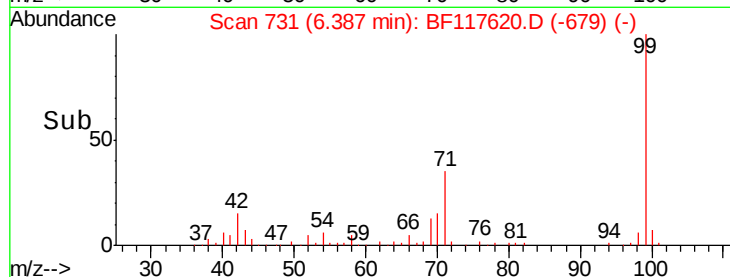
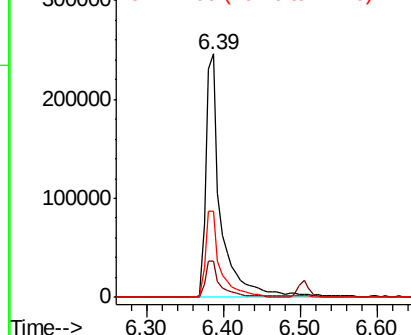
99 100

42 14.6 12.8 19.2

71 35.2 28.6 43.0



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: 2.961 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF117620.D

Acq: 30 Oct 2019 13:19

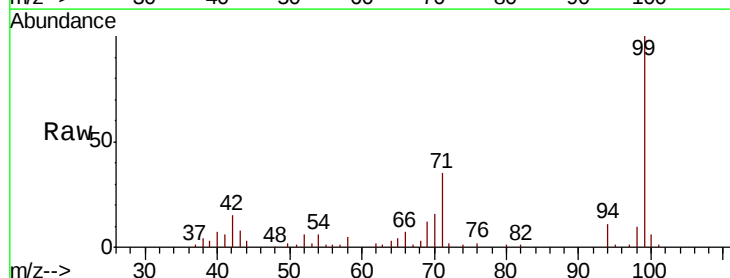
Tgt Ion: 94 Resp: 10683

Ion Ratio Lower Upper

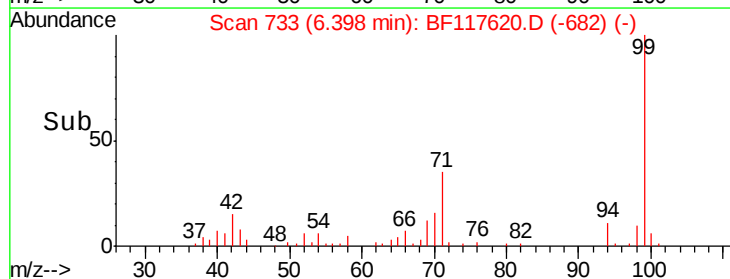
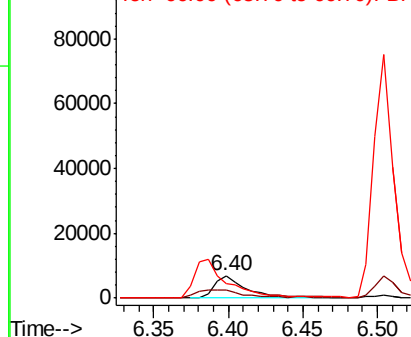
94 100

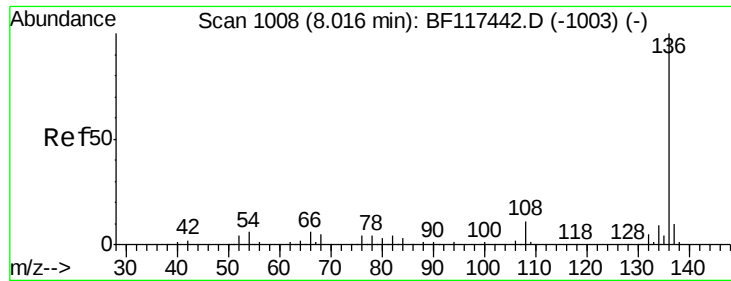
65 33.9 23.4 63.4

66 67.1 54.7 94.7



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

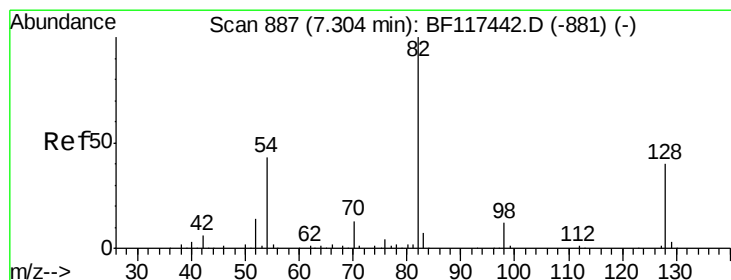
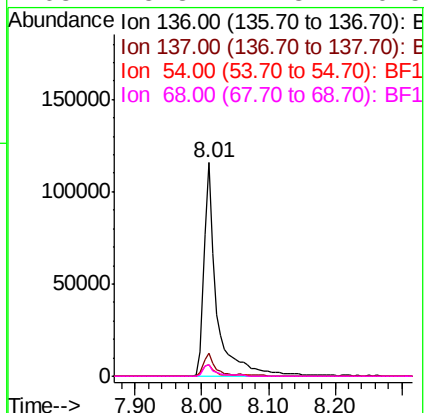
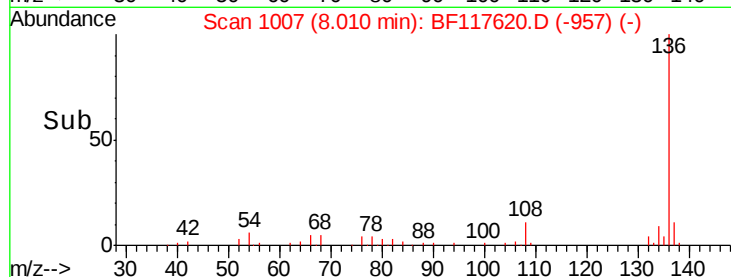
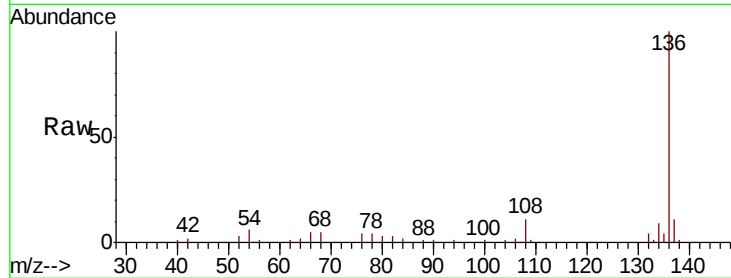




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

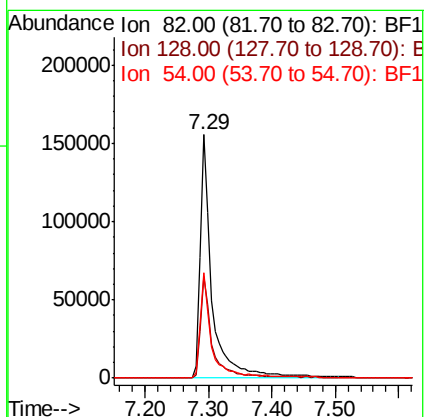
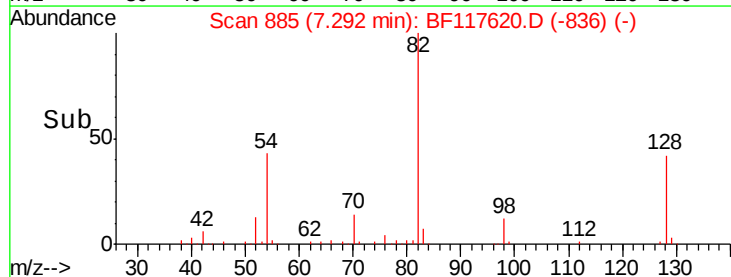
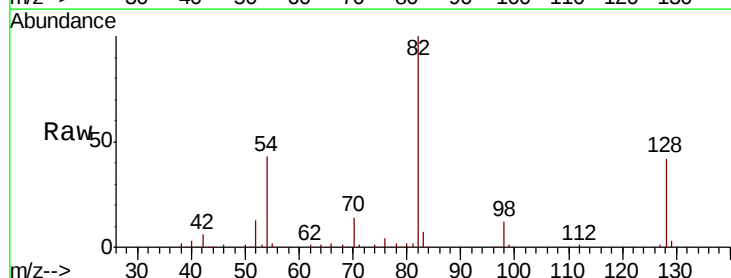
Instrument :
BNA_F
ClientSampleId :
165-26-(0-1)

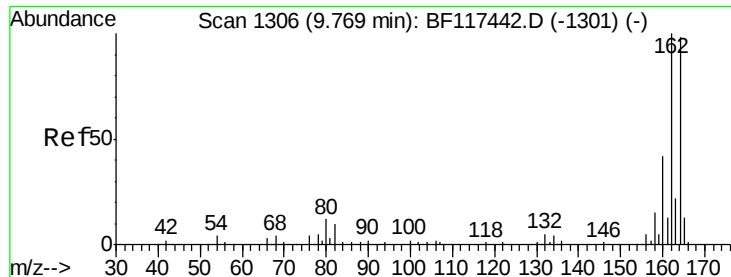
Tot Ion:136	Resp:	152701
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.2 12.4
54	5.6	4.5 6.7
68	5.3	4.3 6.5



#23
Nitrobenzene-d5
Concen: 65.421 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Tgt Ion: 82	Resp:	202354
Ion Ratio	Lower	Upper
82	100	
128	41.8	32.2 48.2
54	43.0	34.2 51.2

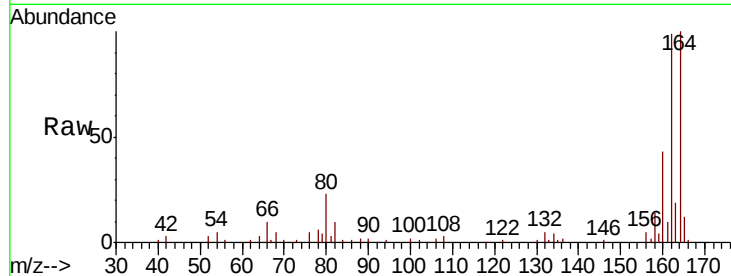




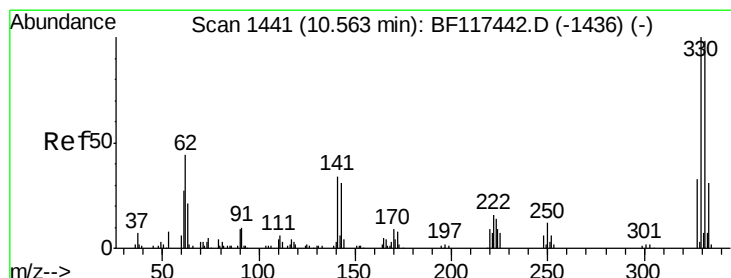
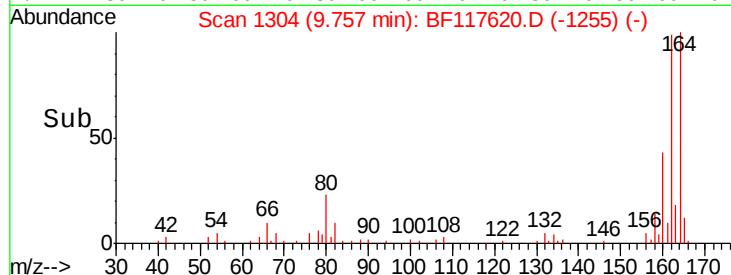
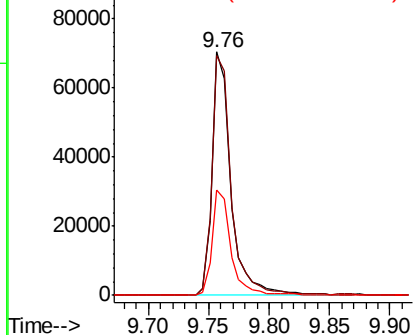
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
165-26-(0-1)

Tot Ion:164 Resp: 75492
Ion Ratio Lower Upper
164 100
162 98.7 81.8 122.6
160 43.4 34.4 51.6

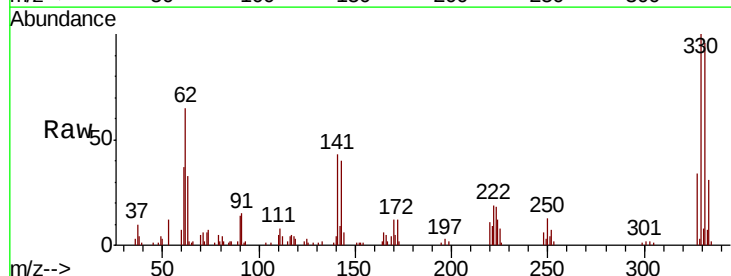


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

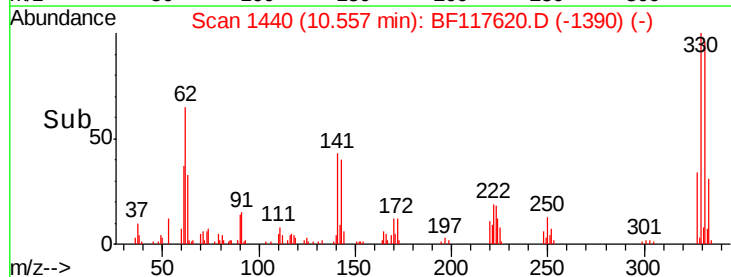
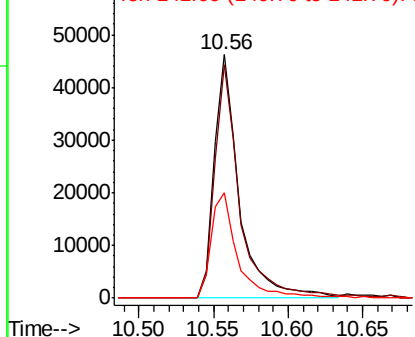


#42
2,4,6-Tribromophenol
Concen: 82.841 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Tgt Ion:330 Resp: 54112
Ion Ratio Lower Upper
330 100
332 97.5 78.5 117.7
141 45.9 37.0 55.6



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

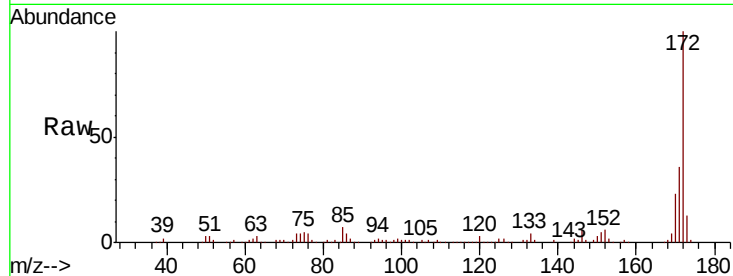




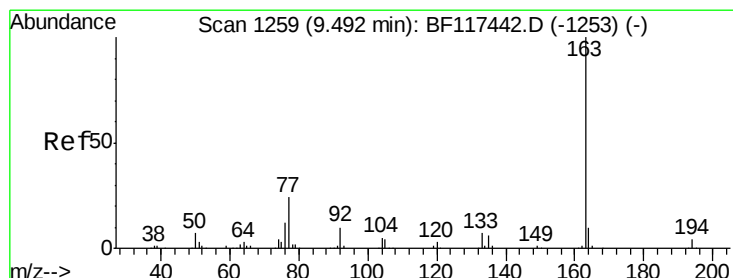
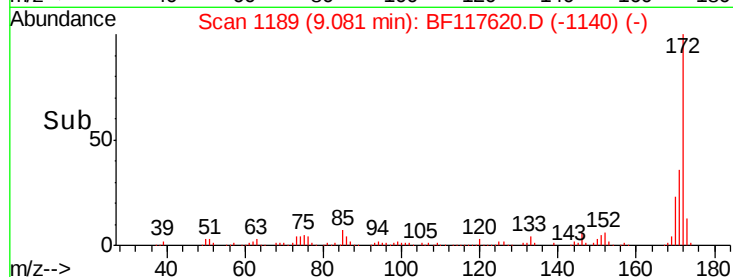
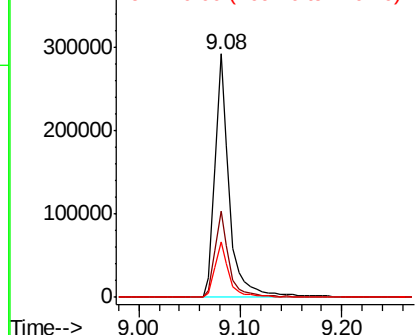
#45
2-Fluorobiphenyl
Concen: 54.255 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
165-26-(0-1)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.5	41.3
170	22.9	18.6	27.8

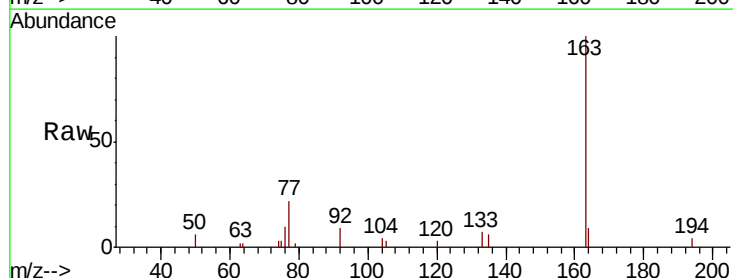


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

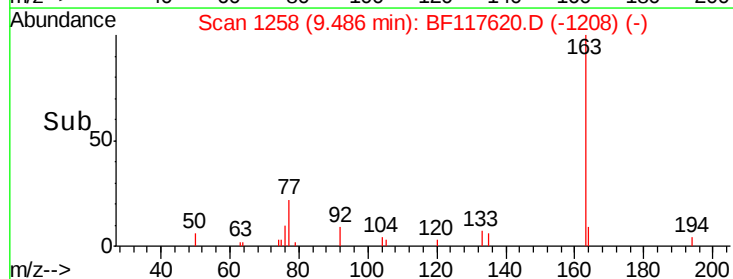
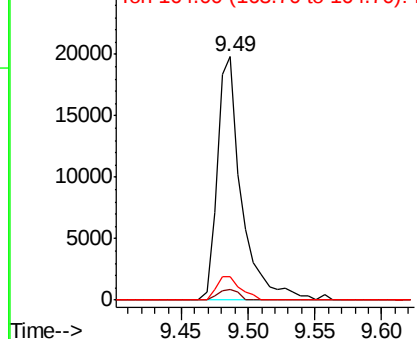


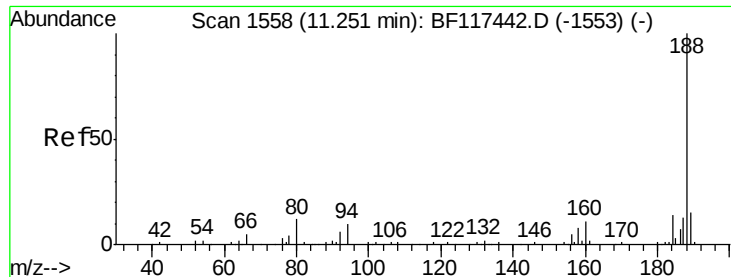
#50
Dimethylphthalate
Concen: 4.713 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.9	4.3
164	9.5	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

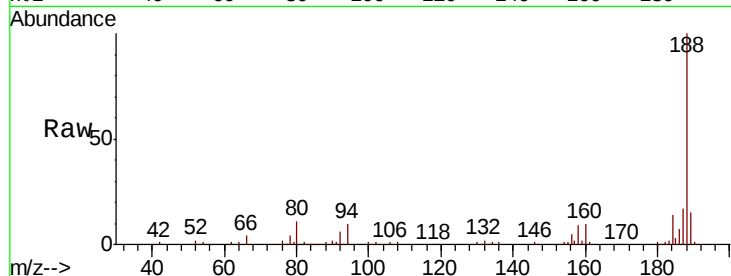




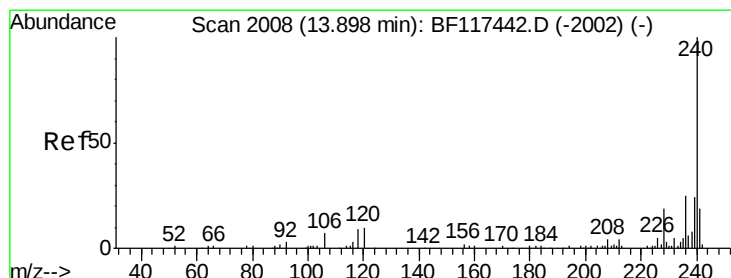
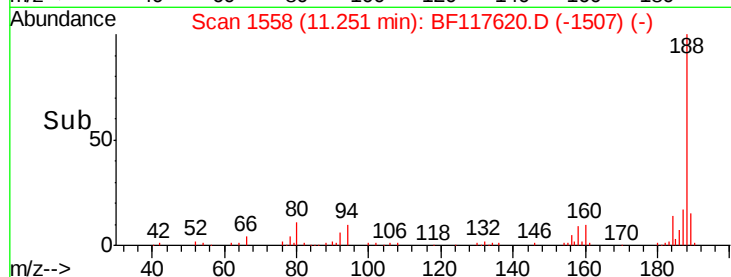
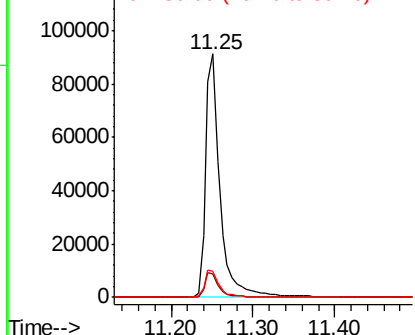
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
165-26-(0-1)

Tot Ion:188 Resp: 112032
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 10.8 9.5 14.3

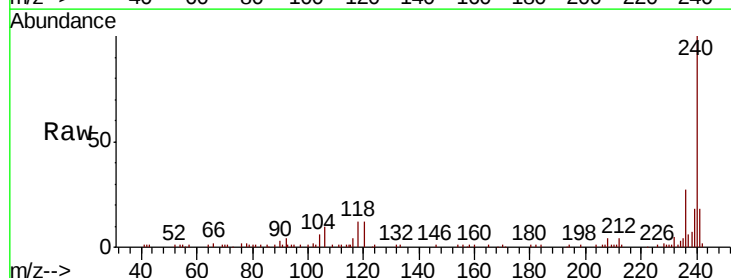


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

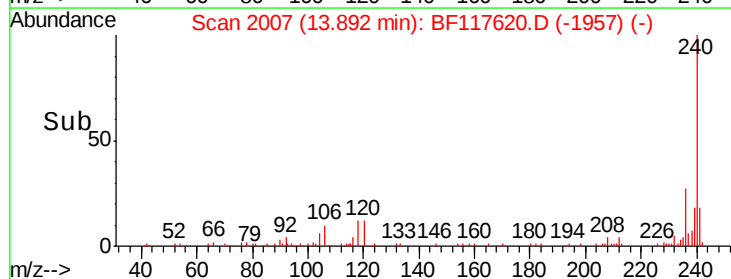
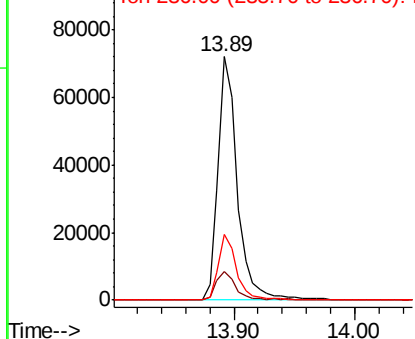


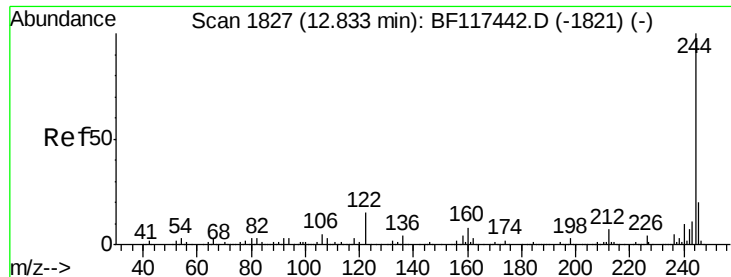
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Tgt Ion:240 Resp: 78803
Ion Ratio Lower Upper
240 100
120 12.0 8.4 12.6
236 27.0 20.0 30.0



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

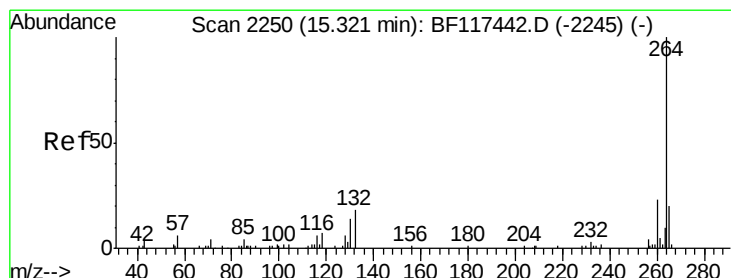
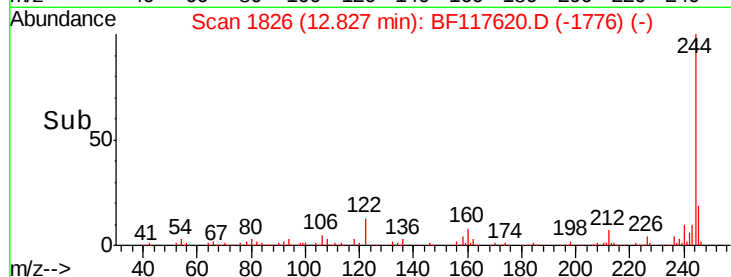
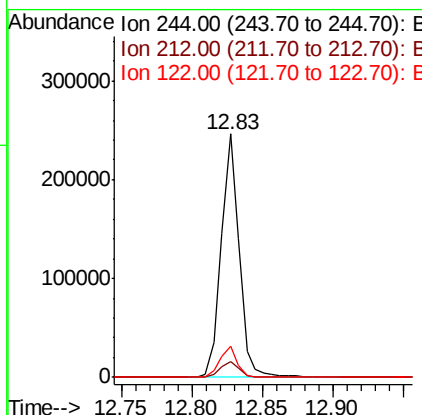
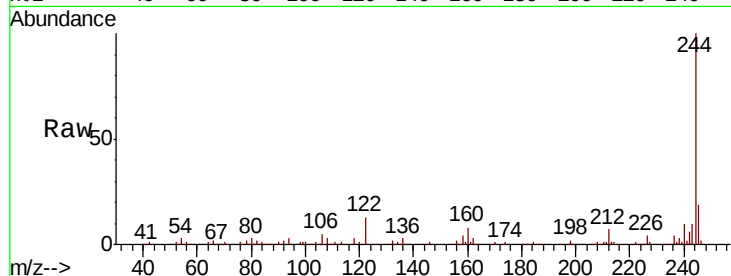




#79
 Terphenyl-d14
 Concen: 45.112 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117620.D
 Acq: 30 Oct 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :
 165-26-(0-1)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	12.6	11.8	17.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BF117620.D
 Acq: 30 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.4	27.6
265	19.6	16.1	24.1

