

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117665.D
 Acq On : 31 Oct 2019 18:26
 Operator : JU
 Sample : K5582-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632

Quant Time: Nov 01 02:00:50 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

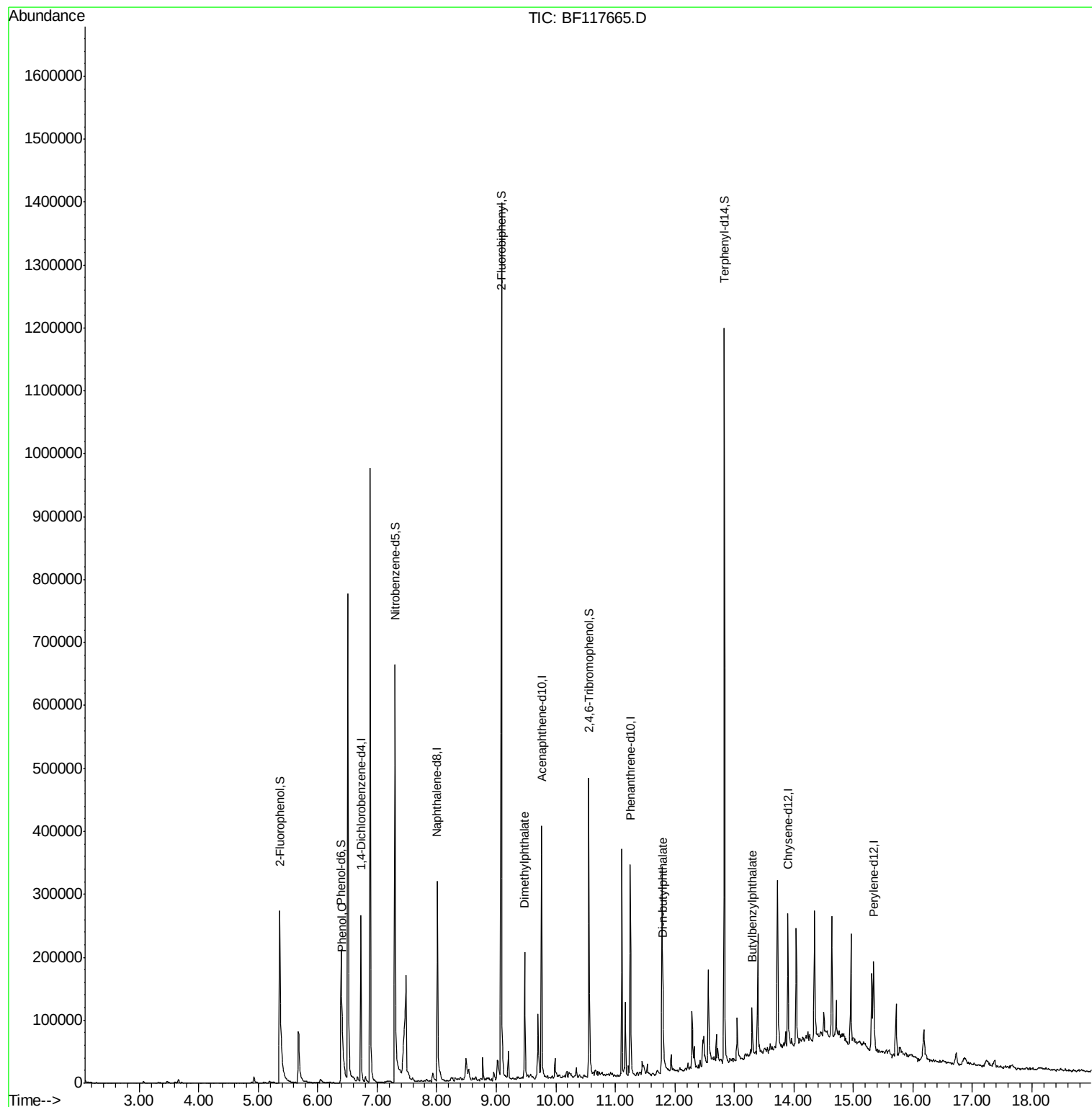
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	42450	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	175038	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	85025	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	121956	20.00	ng	0.00
76) Chrysene-d12	13.90	240	72006	20.00	ng	0.00
87) Perylene-d12	15.34	264	69363	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	156238	54.76	ng	0.01
7) Phenol-d6	6.39	99	139076	36.29	ng	0.01
23) Nitrobenzene-d5	7.30	82	286333	80.76	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	54093	73.53	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	474008	78.55	ng	0.00
79) Terphenyl-d14	12.83	244	354435	80.29	ng	0.00
Target Compounds						
10) Phenol	6.41	94	19836	5.071	ng	Qvalue # 82
50) Dimethylphthalate	9.48	163	73138	12.066	ng	100
74) Di-n-butylphthalate	11.80	149	52979	5.971	ng	98
80) Butylbenzylphthalate	13.30	149	14444	4.693	ng	90

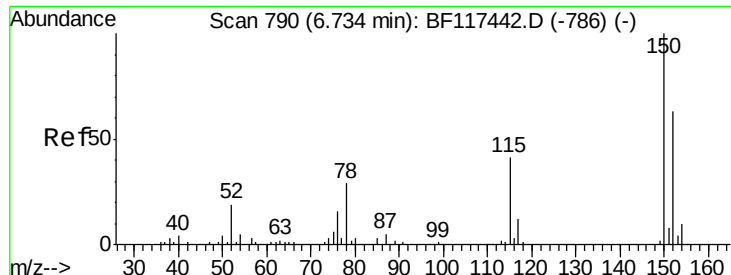
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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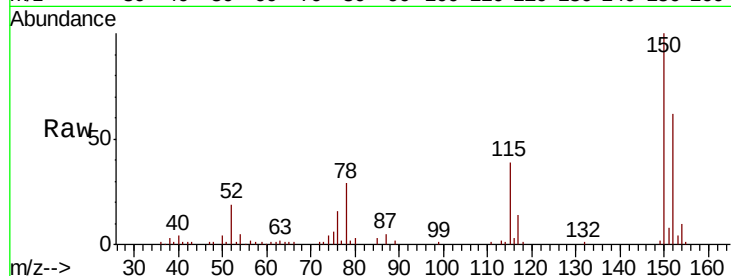


#1

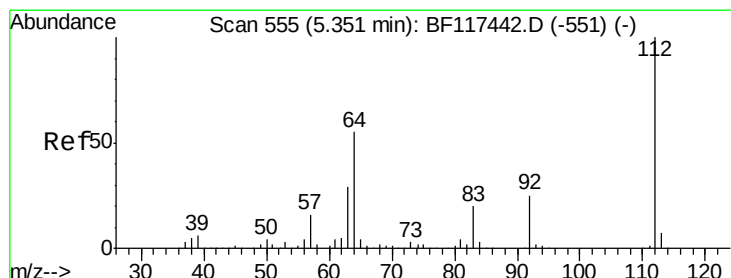
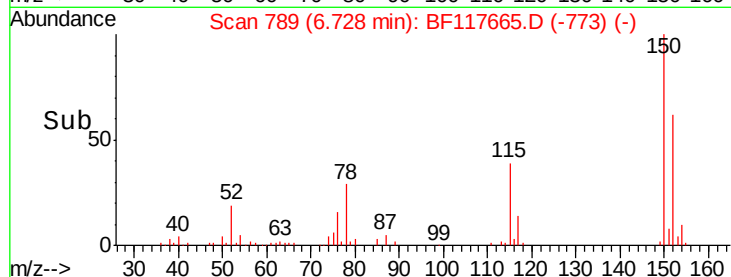
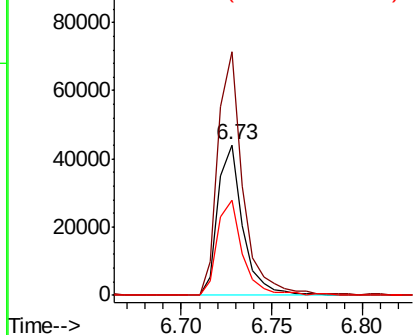
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117665.D
Acq: 31 Oct 2019 18:26

Instrument :
BNA_F
ClientSampleId :
NCQ-632

Tot Ion:152 Resp: 42450
Ion Ratio Lower Upper
152 100
150 161.7 126.8 190.2
115 63.6 51.6 77.4



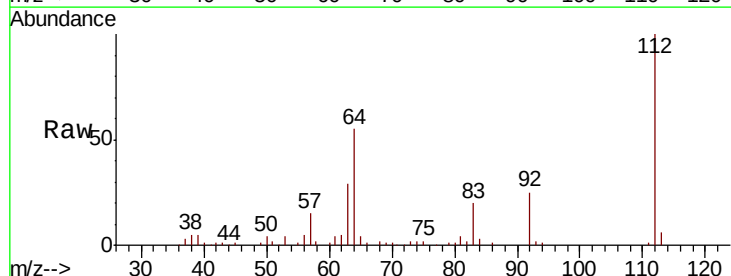
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



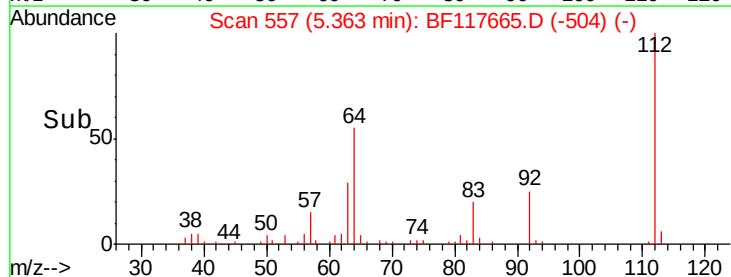
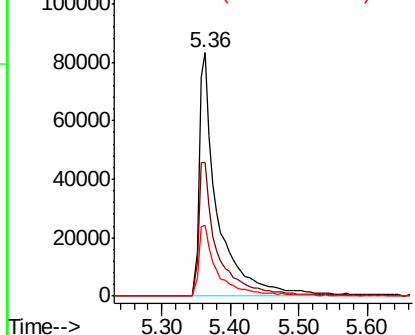
#5

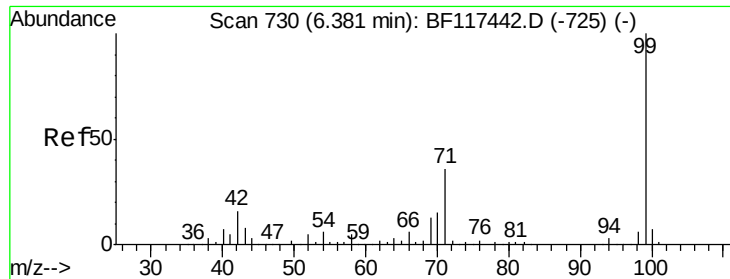
2-Fluorophenol
Concen: 54.755 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117665.D
Acq: 31 Oct 2019 18:26

Tgt Ion:112 Resp: 156238
Ion Ratio Lower Upper
112 100
64 54.7 44.1 66.1
63 29.1 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: 36.289 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF117665.D

Acq: 31 Oct 2019 18:26

Instrument :

BNA_F

ClientSampled :

NCQ-632

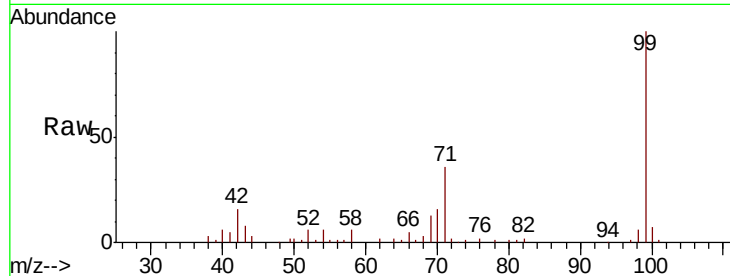
Tot Ion: 99 Resp: 139076

Ion Ratio Lower Upper

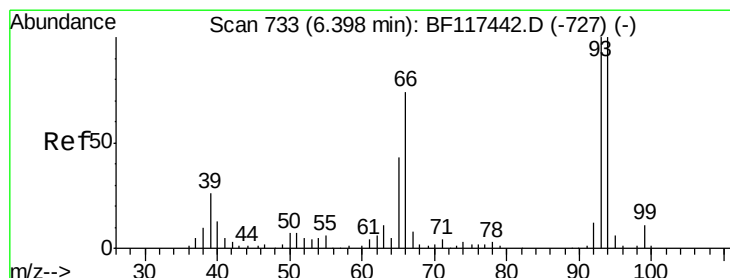
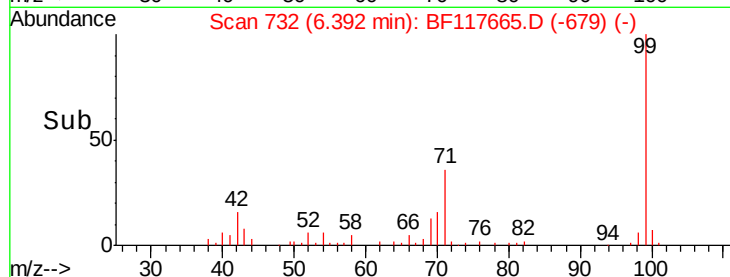
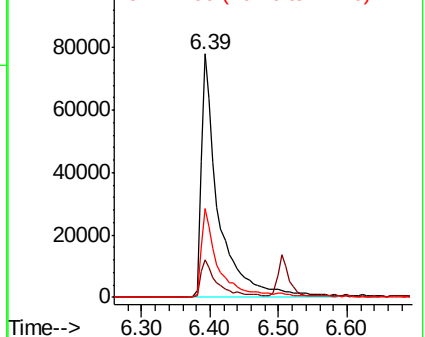
99 100

42 15.5 12.8 19.2

71 36.2 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: 5.071 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF117665.D

Acq: 31 Oct 2019 18:26

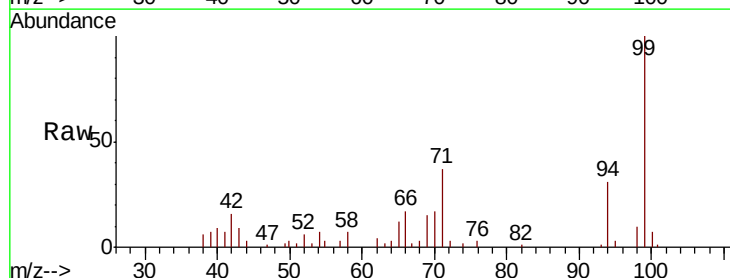
Tgt Ion: 94 Resp: 19836

Ion Ratio Lower Upper

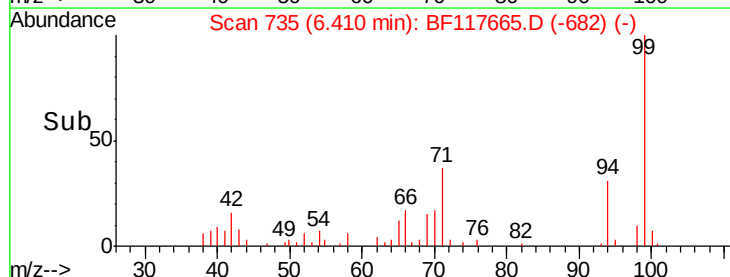
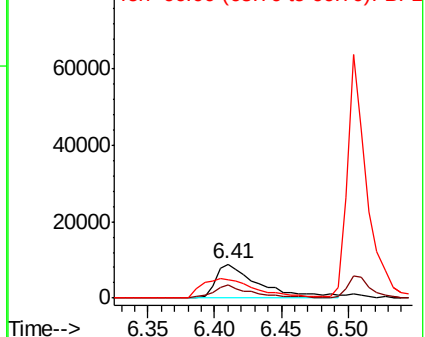
94 100

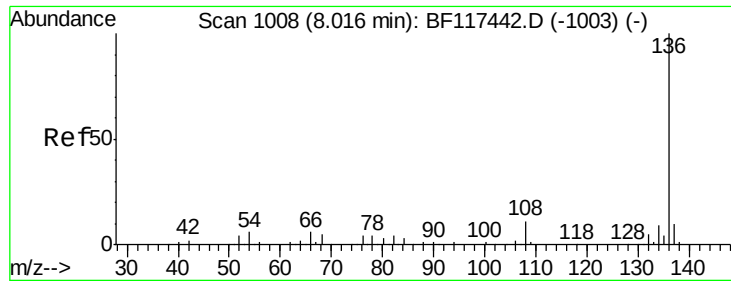
65 39.2 23.4 63.4

66 53.6 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

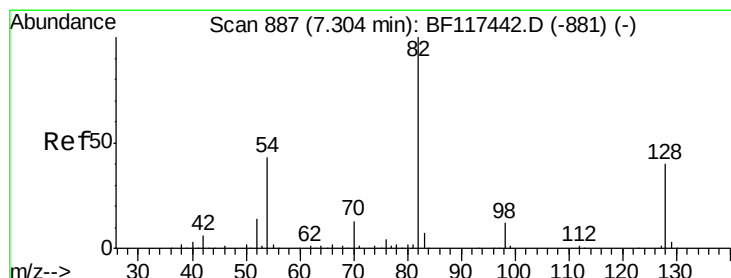
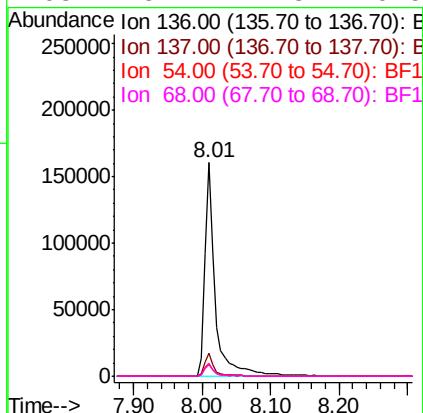
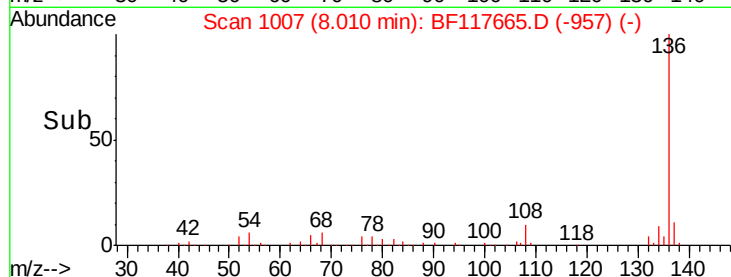
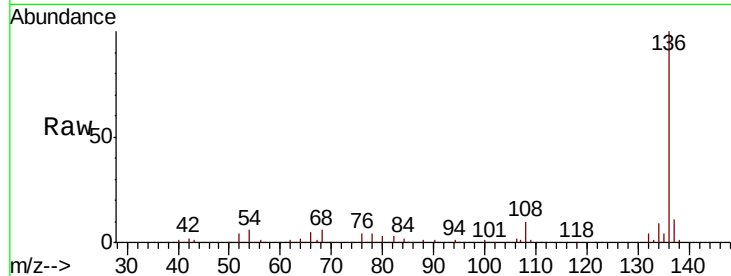




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117665.D
Acq: 31 Oct 2019 18:26

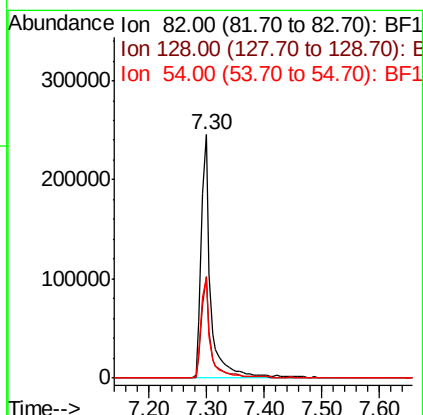
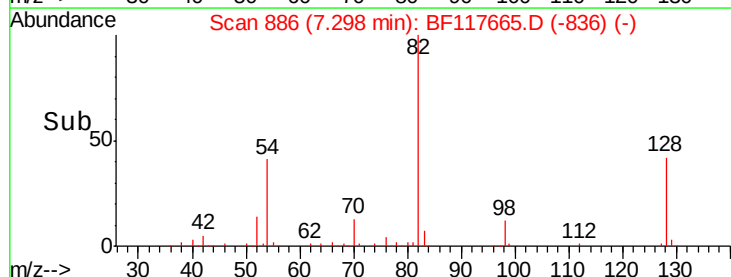
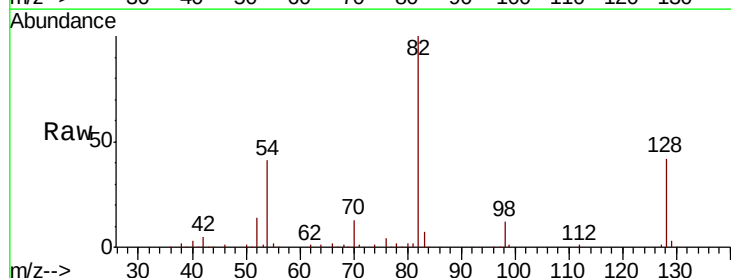
Instrument :
BNA_F
ClientSampled :
NCQ-632

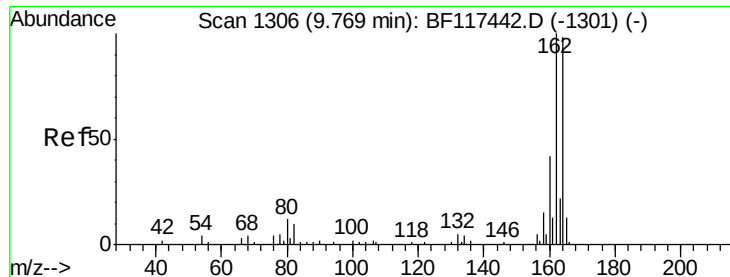
Tot Ion:136	Resp:	175038
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.2 12.4
54	5.7	4.5 6.7
68	5.7	4.3 6.5



#23
Nitrobenzene-d5
Concen: 80.758 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117665.D
Acq: 31 Oct 2019 18:26

Tgt Ion: 82	Resp:	286333
Ion	Ratio	Lower Upper
82	100	
128	41.6	32.2 48.2
54	41.4	34.2 51.2

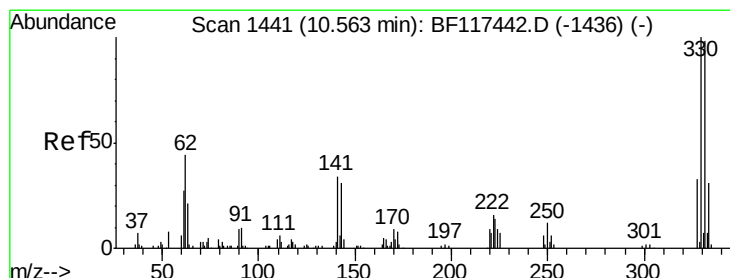
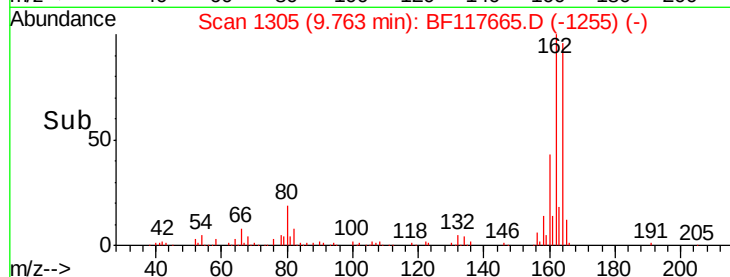
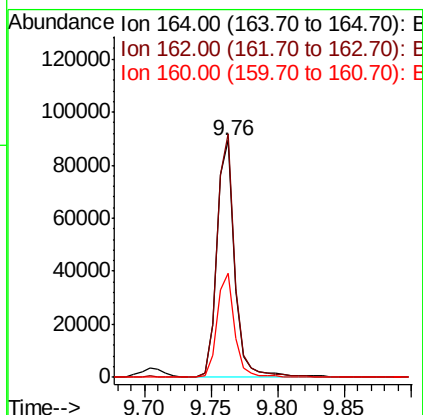
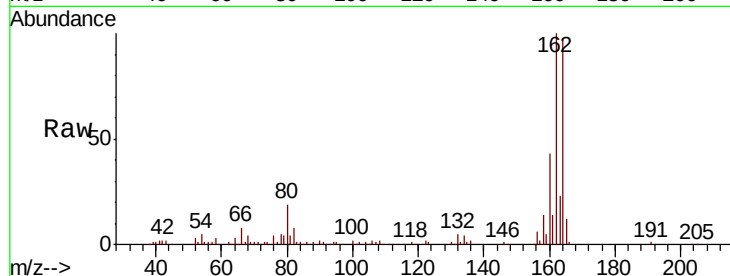




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117665.D
 Acq: 31 Oct 2019 18:26

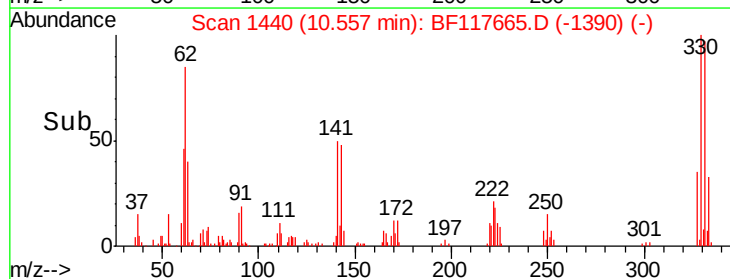
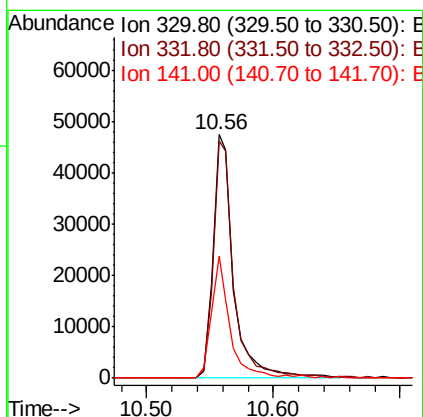
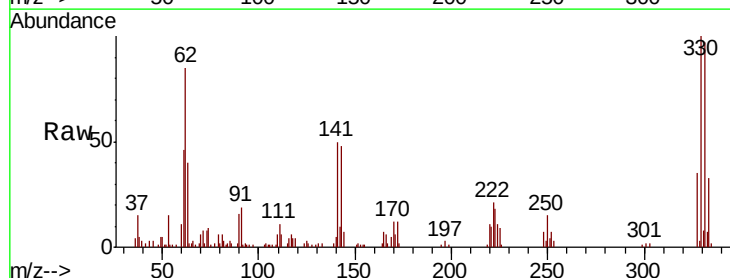
Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632

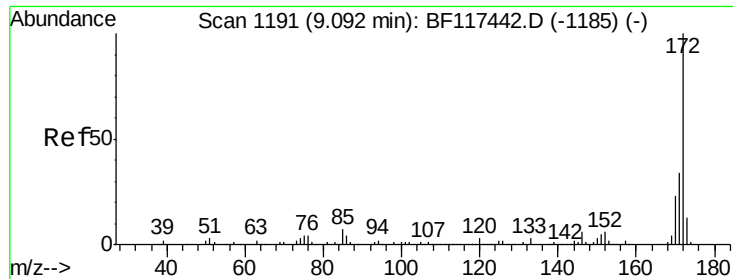
Tot Ion:164 Resp: 85025
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.8 122.6
 160 43.7 34.4 51.6



#42
 2,4,6-Tribromophenol
 Concen: 73.527 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117665.D
 Acq: 31 Oct 2019 18:26

Tgt Ion:330 Resp: 54093
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.5 117.7
 141 45.4 37.0 55.6

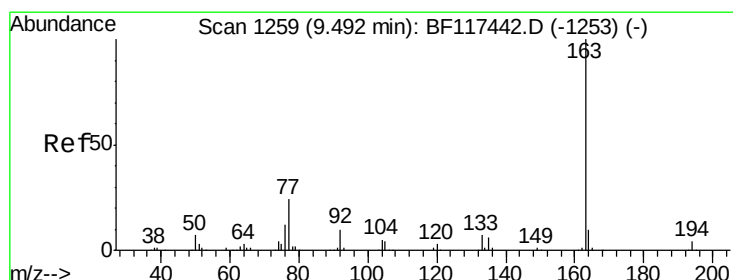
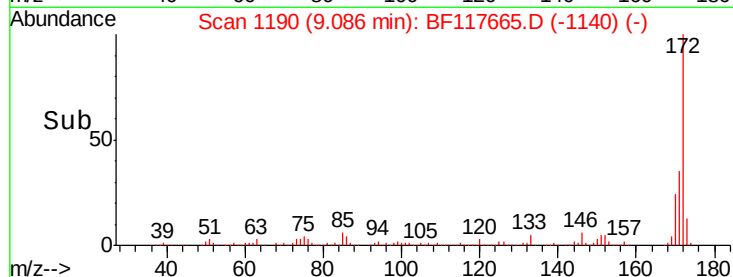
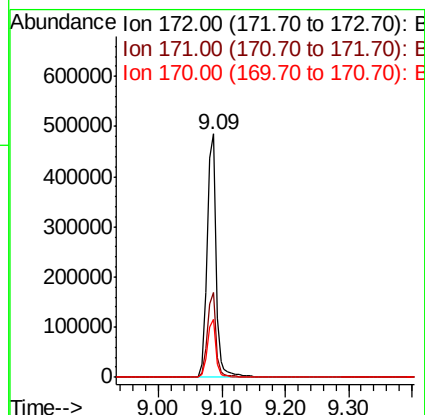
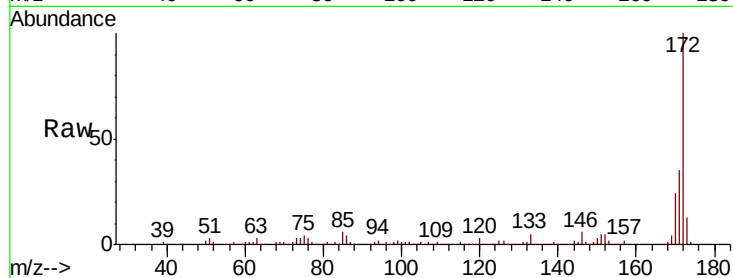




#45
2-Fluorobiphenyl
Concen: 78.550 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117665.D
Acq: 31 Oct 2019 18:26

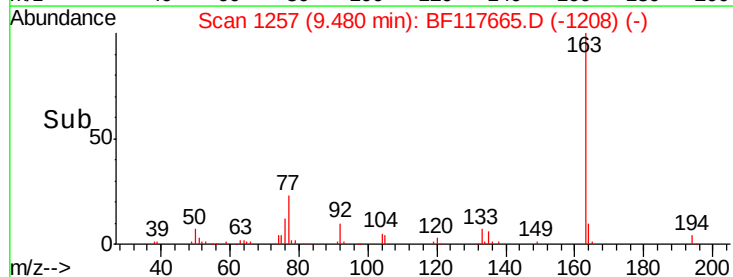
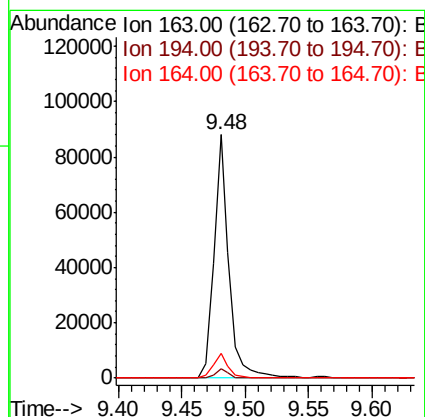
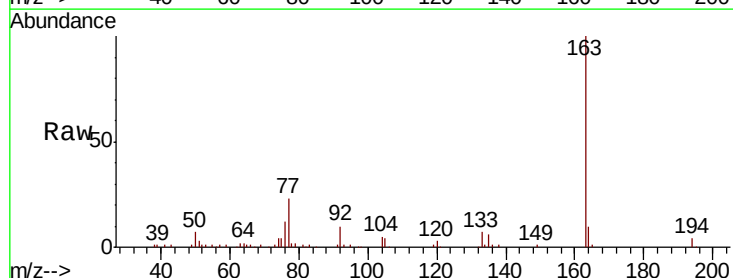
Instrument :
BNA_F
ClientSampleId :
NCQ-632

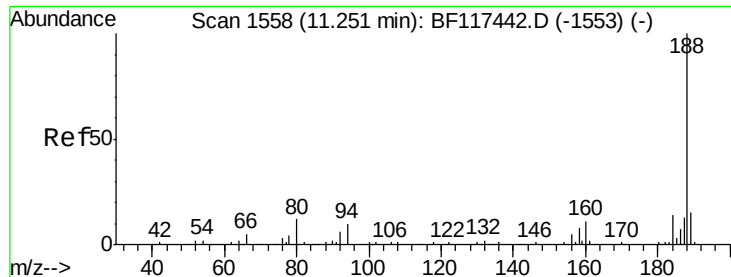
Tot Ion:172 Resp: 474008
Ion Ratio Lower Upper
172 100
171 34.9 27.5 41.3
170 23.9 18.6 27.8



#50
Dimethylphthalate
Concen: 12.066 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117665.D
Acq: 31 Oct 2019 18:26

Tgt Ion:163 Resp: 73138
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.3 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF117665.D

Acq: 31 Oct 2019 18:26

Instrument :

BNA_F

ClientSampleId :

NCQ-632

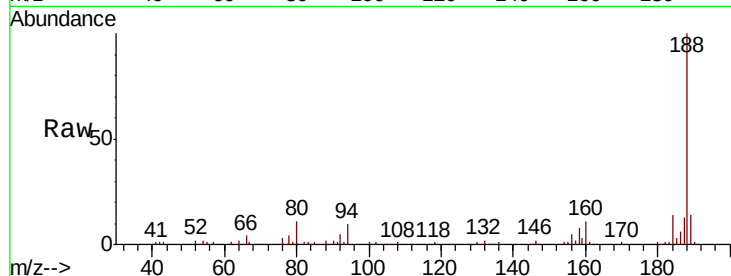
Tot Ion:188 Resp: 121956

Ion Ratio Lower Upper

188 100

94 9.5 8.0 12.0

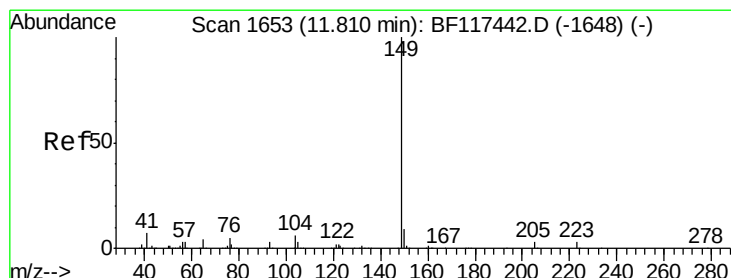
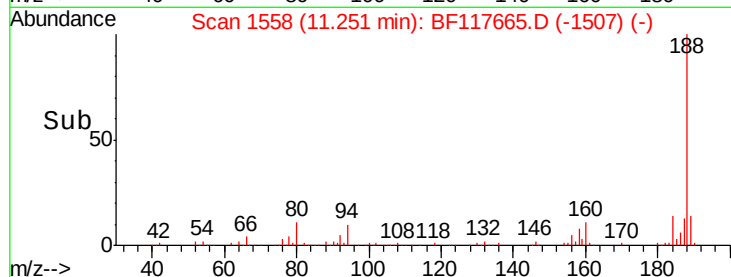
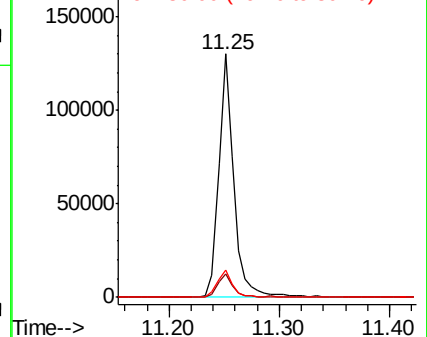
80 11.3 9.5 14.3



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



#74

Di-n-butylphthalate

Concen: 5.971 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF117665.D

Acq: 31 Oct 2019 18:26

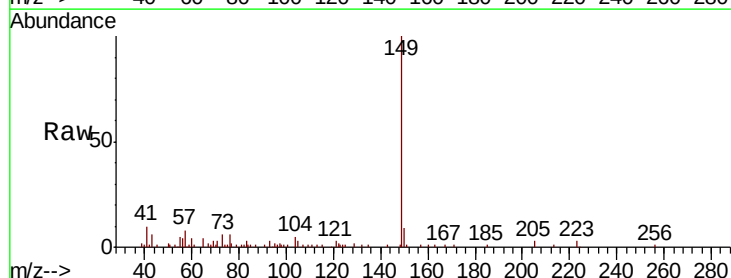
Tgt Ion:149 Resp: 52979

Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

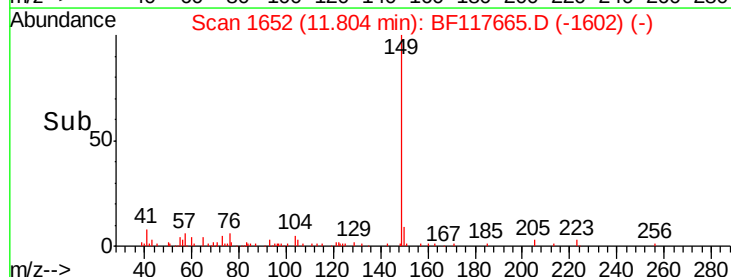
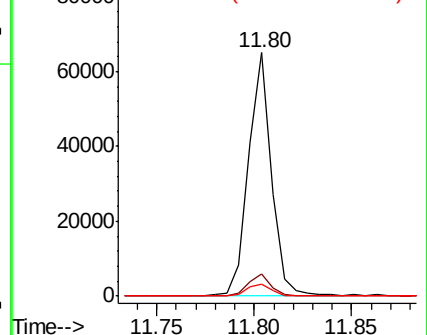
104 4.7 4.6 6.8

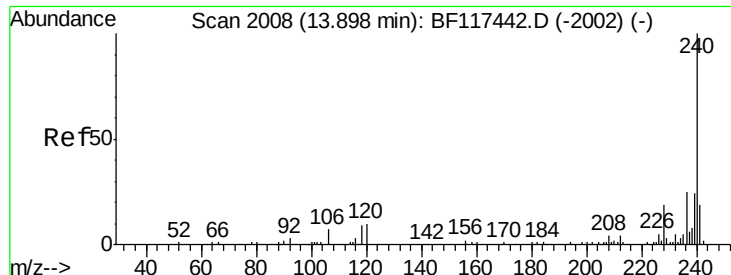


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

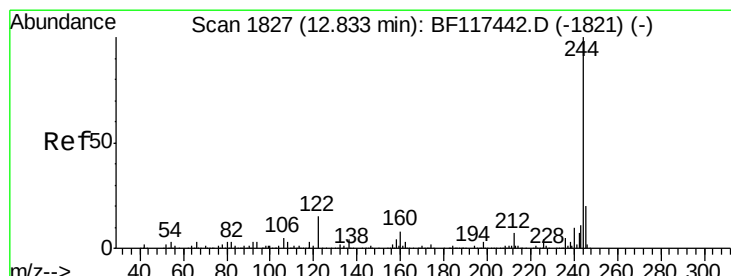
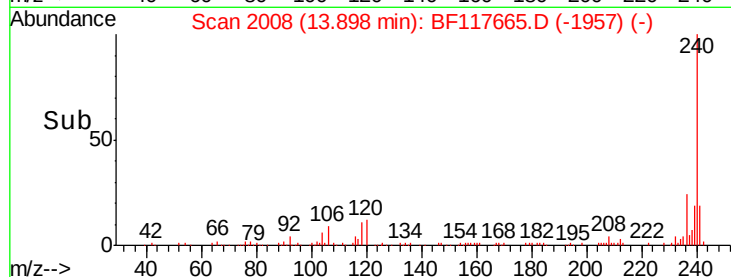
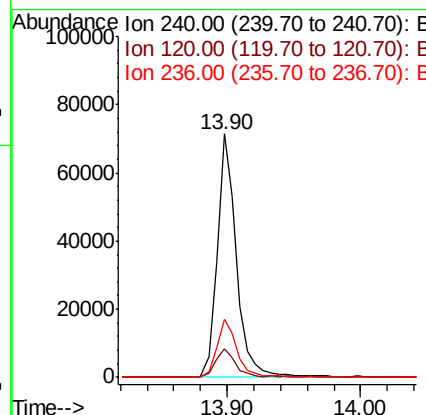
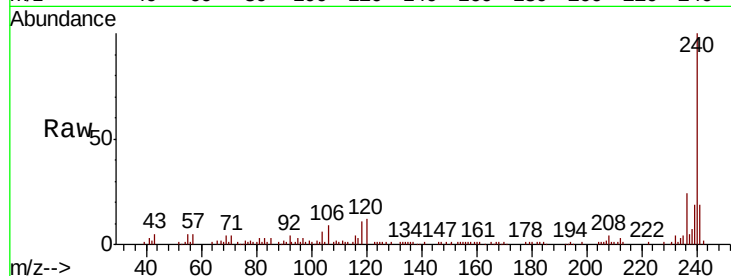




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF117665.D
Acq: 31 Oct 2019 18:26

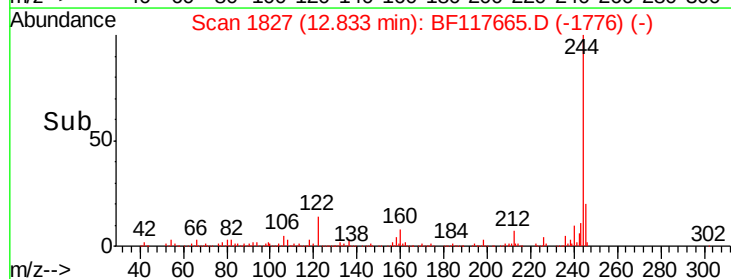
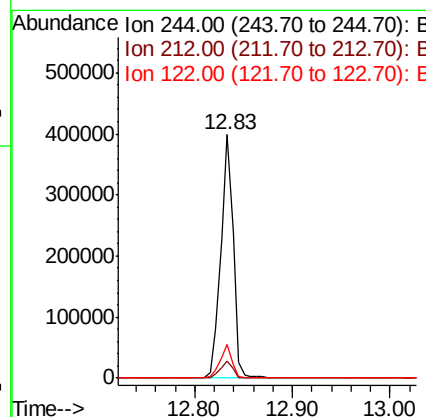
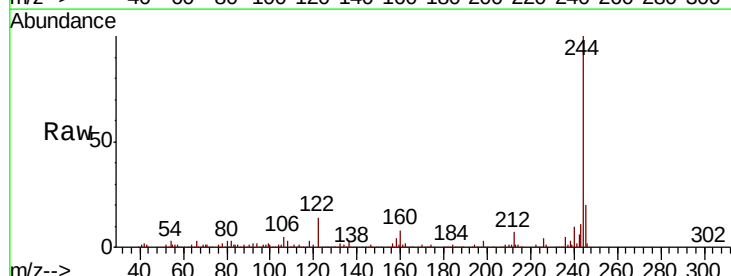
Instrument :
BNA_F
ClientSampleId :
NCQ-632

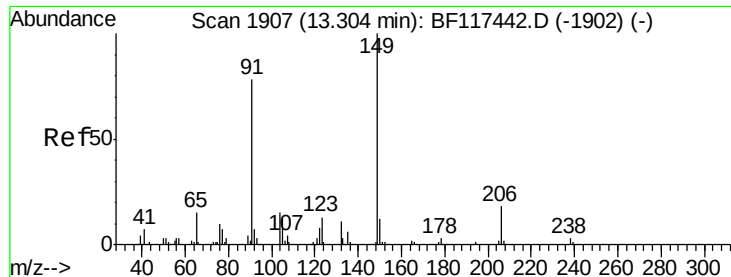
Tot Ion:240 Resp: 72006
Ion Ratio Lower Upper
240 100
120 11.6 8.4 12.6
236 23.9 20.0 30.0



#79
Terphenyl-d14
Concen: 80.288 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117665.D
Acq: 31 Oct 2019 18:26

Tgt Ion:244 Resp: 354435
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 13.8 11.8 17.8

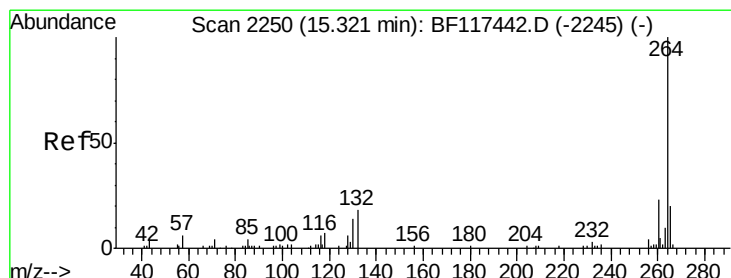
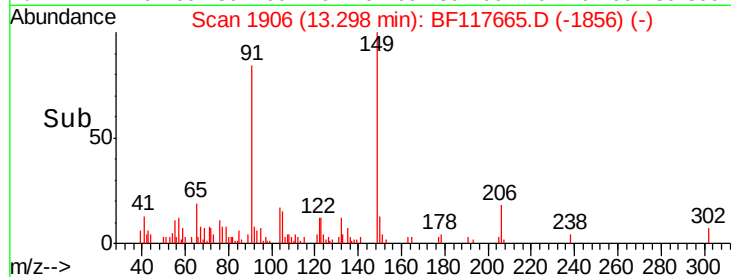
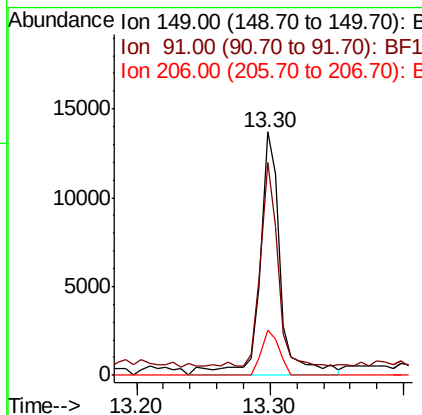
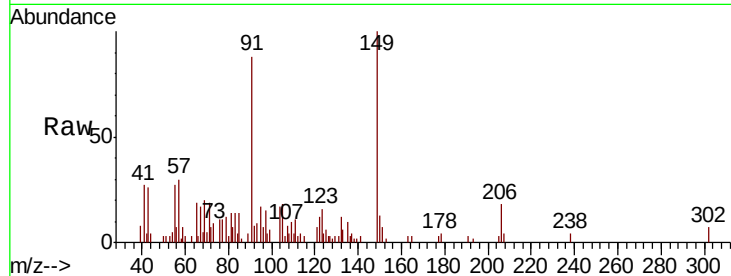




#80
Butylbenzylphthalate
Concen: 4.693 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF117665.D
Acq: 31 Oct 2019 18:26

Instrument :
BNA_F
ClientSampleId :
NCQ-632

Tot Ion:149	Resp:	14444
Ion Ratio	Lower	Upper
149	100	
91	87.7	62.1 93.1
206	18.5	14.3 21.5



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117665.D
Acq: 31 Oct 2019 18:26

Tgt Ion:264	Resp:	69363
Ion Ratio	Lower	Upper
264	100	
260	23.4	18.4 27.6
265	21.8	16.1 24.1

