

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082619\
 Data File : BF116573.D
 Acq On : 26 Aug 2019 14:36
 Operator : HP/JU
 Sample : K4490-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB

Quant Time: Aug 27 04:33:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

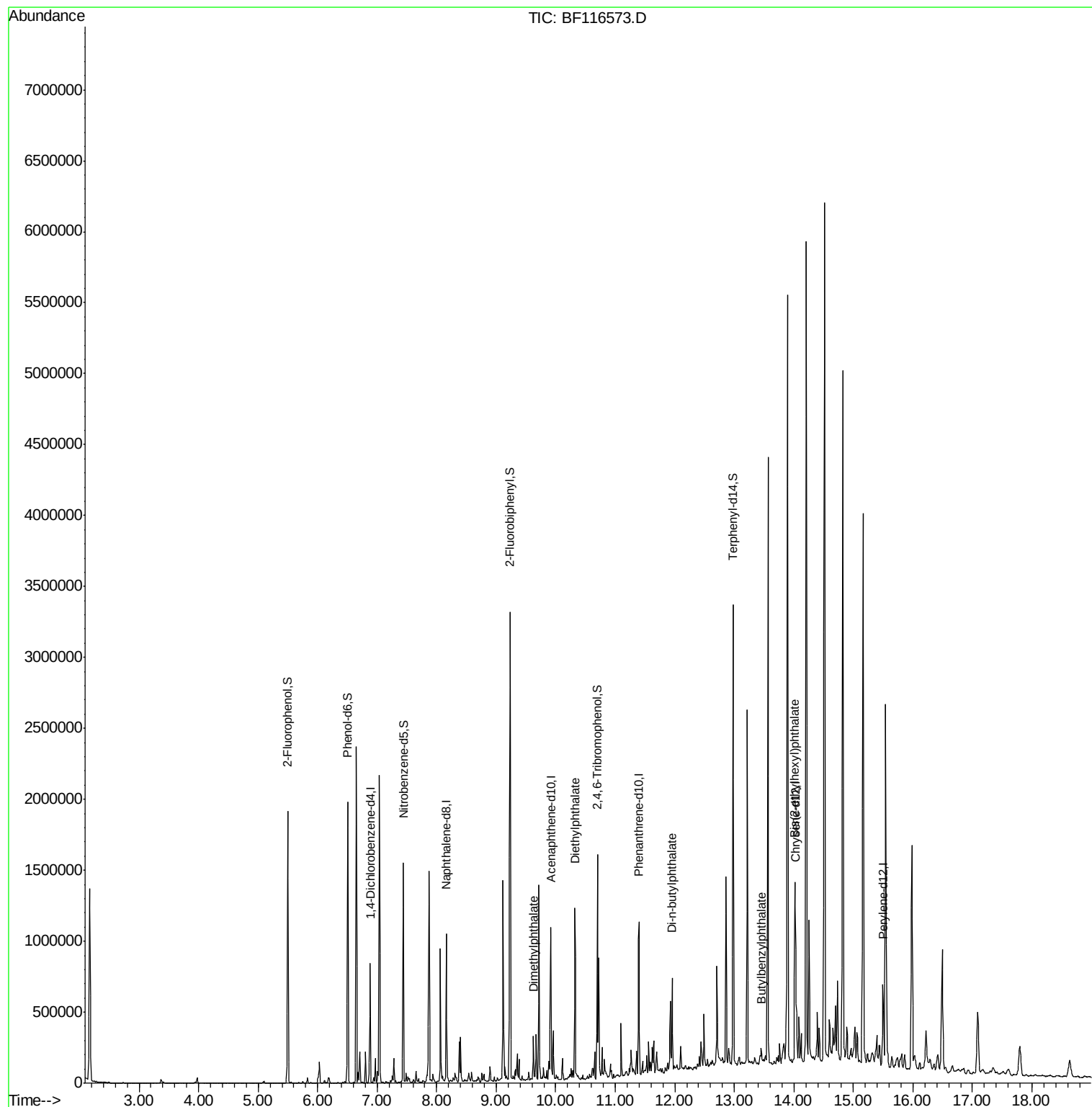
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	102744	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	407741	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	212628	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	379341	20.00	ng	0.00
76) Chrysene-d12	14.03	240	268888	20.00	ng	0.00
87) Perylene-d12	15.50	264	243032	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	544012	77.37	ng	0.00
7) Phenol-d6	6.50	99	756136	87.70	ng	0.00
23) Nitrobenzene-d5	7.44	82	496038	66.56	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	154525	84.64	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	913095	69.16	ng	0.00
79) Terphenyl-d14	12.98	244	1049665	72.92	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	100217	6.755	ng	99
60) Diethylphthalate	10.33	149	143409	9.835	ng	99
74) Di-n-butylphthalate	11.96	149	275892	11.945	ng	99
80) Butylbenzylphthalate	13.45	149	19898	2.143	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	305675	24.685	ng	97

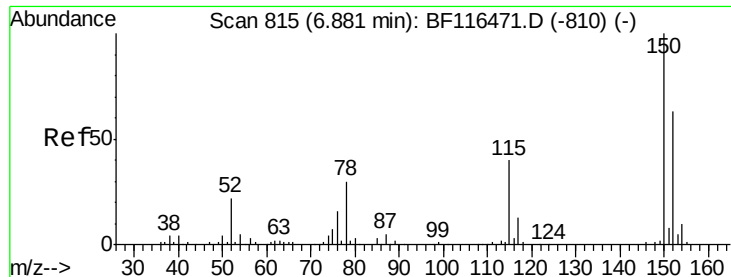
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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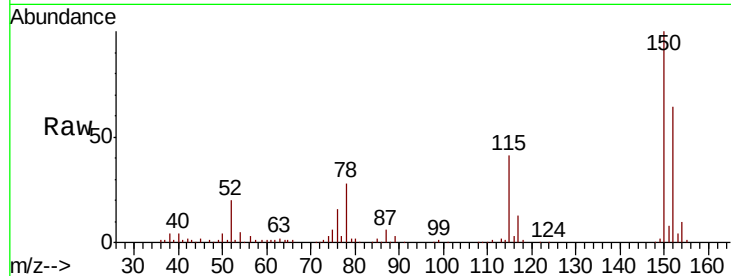


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF116573.D
 Acq: 26 Aug 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.7	190.1
115	63.9	50.9	76.3

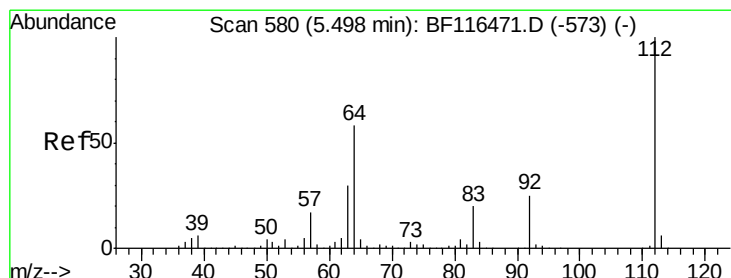
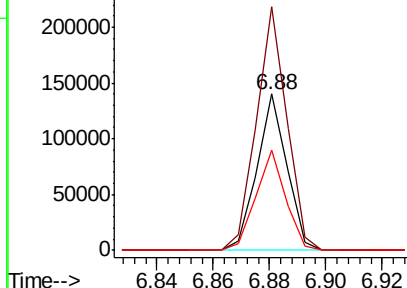
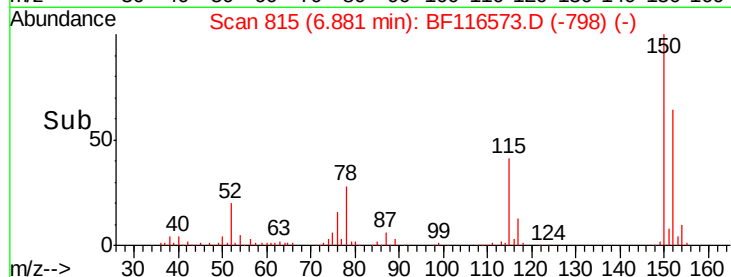


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

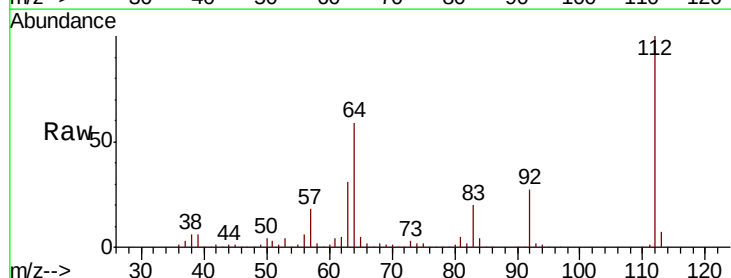
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 77.365 ng
 RT: 5.50 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF116573.D
 Acq: 26 Aug 2019 14:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.3	69.5
63	31.2	24.2	36.4

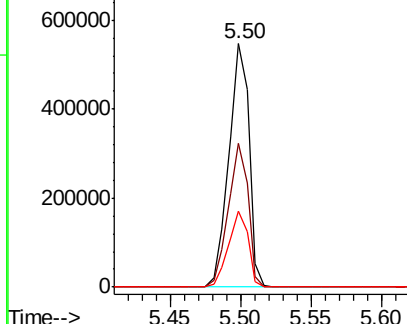
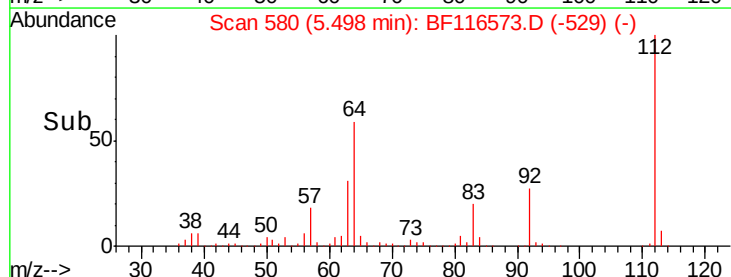


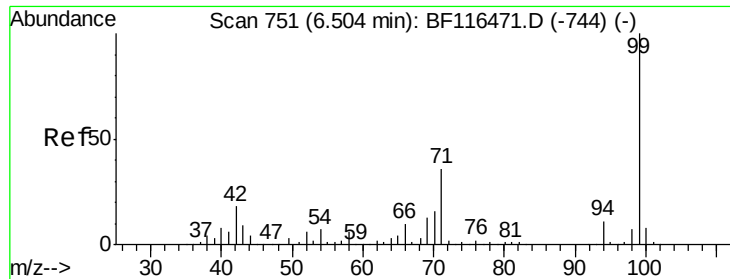
Abundance

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: 87.699 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116573.D

Acq: 26 Aug 2019 14:36

Instrument :

BNA_F

ClientSampleId :

CONCRETE-SLAB

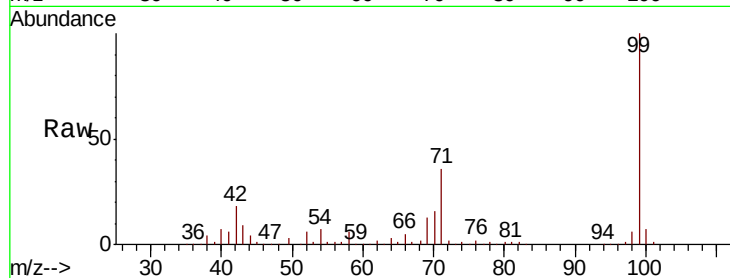
Tot Ion: 99 Resp: 756136

Ion Ratio Lower Upper

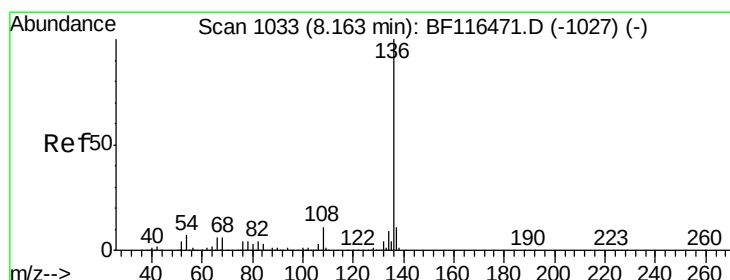
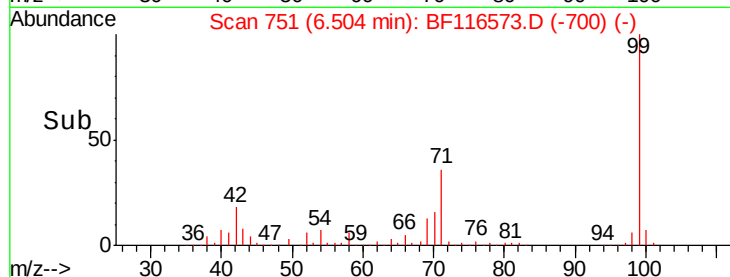
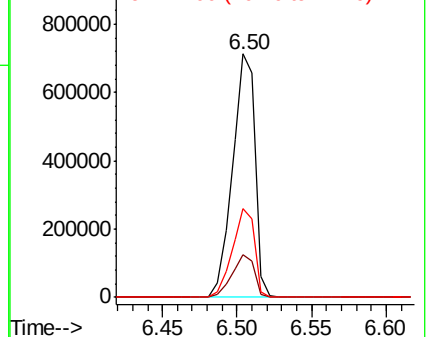
99 100

42 17.7 14.6 21.8

71 36.3 28.5 42.7



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: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116573.D

Acq: 26 Aug 2019 14:36

Tgt Ion: 136 Resp: 407741

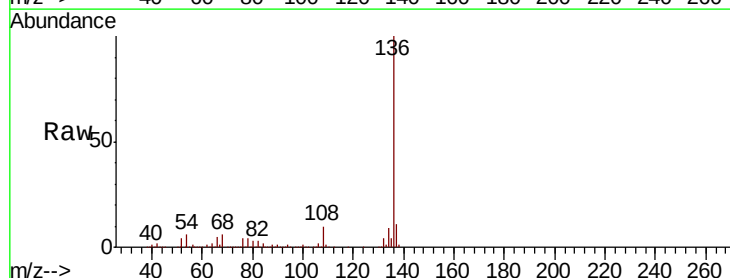
Ion Ratio Lower Upper

136 100

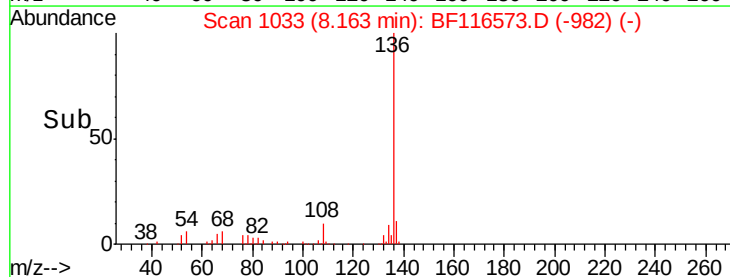
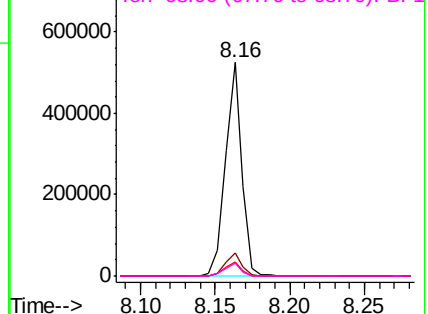
137 10.7 9.0 13.4

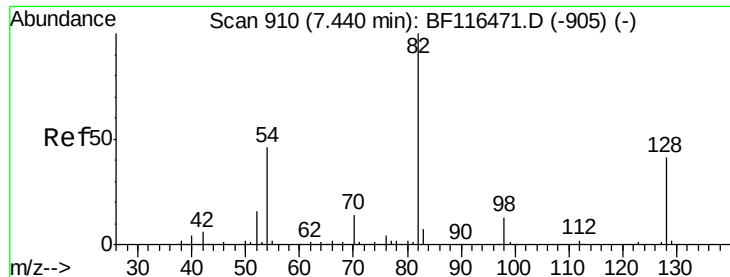
54 6.3 5.8 8.6

68 5.8 5.1 7.7



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: 66.557 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF116573.D

Acq: 26 Aug 2019 14:36

Instrument :

BNA_F

ClientSampleId :

CONCRETE-SLAB

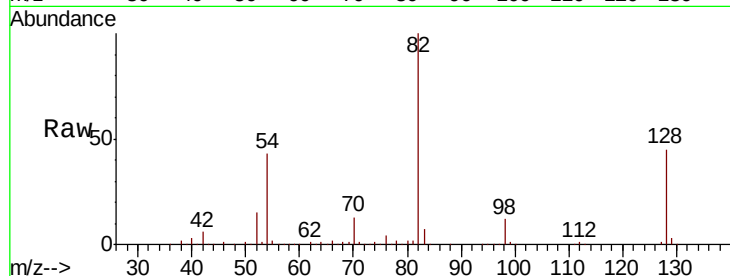
Tot Ion: 82 Resp: 496038

Ion Ratio Lower Upper

82 100

128 44.8 32.2 48.4

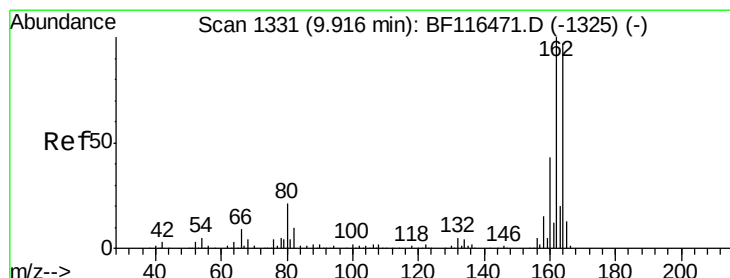
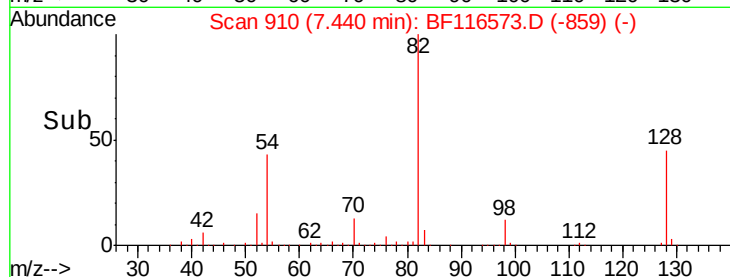
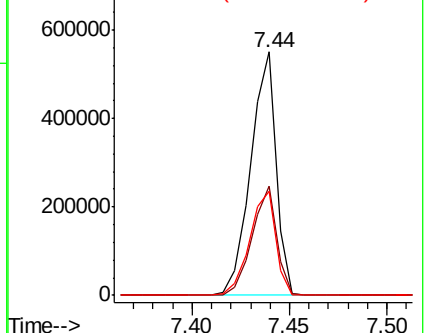
54 43.0 36.5 54.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF116573.D

Acq: 26 Aug 2019 14:36

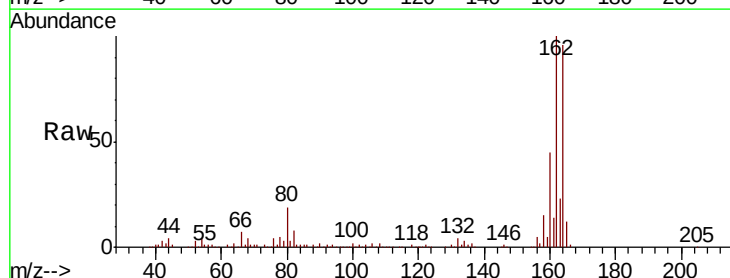
Tgt Ion:164 Resp: 212628

Ion Ratio Lower Upper

164 100

162 104.3 82.6 123.8

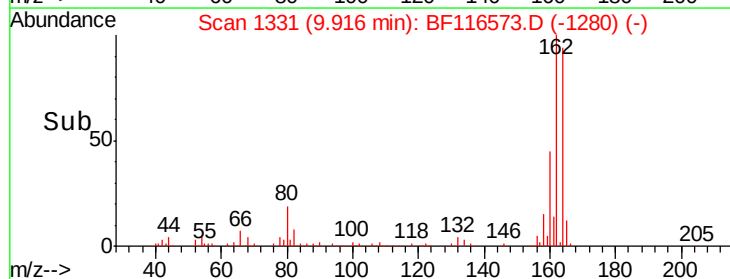
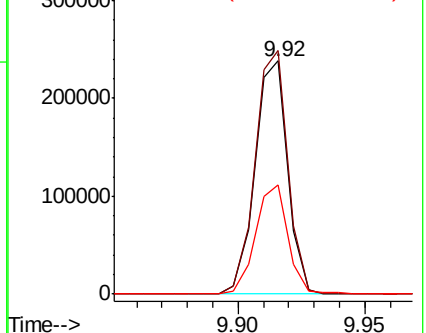
160 46.6 35.8 53.8

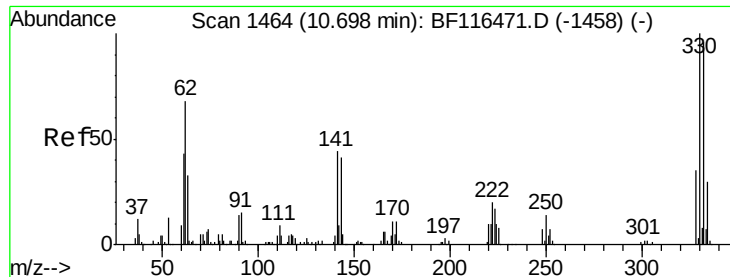


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

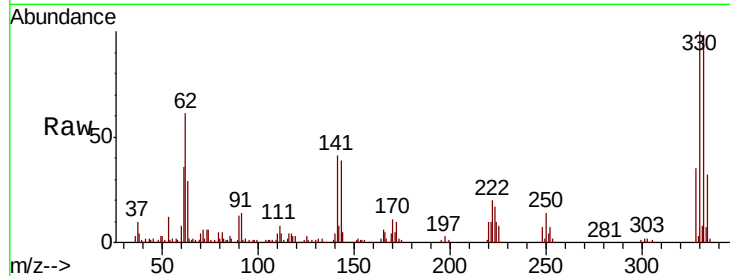




#42
 2,4,6-Tribromophenol
 Concen: 84.635 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116573.D
 Acq: 26 Aug 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.2	115.8
141	40.6	33.3	49.9

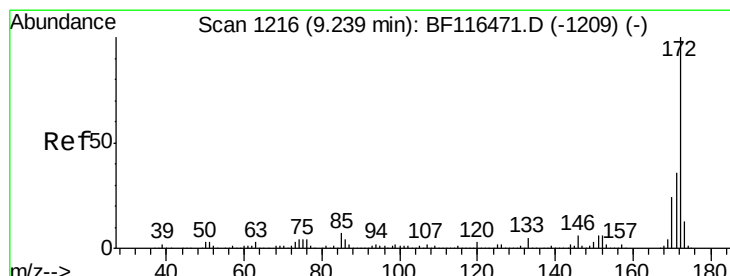
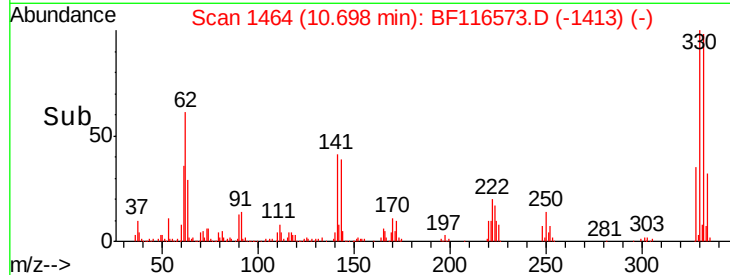
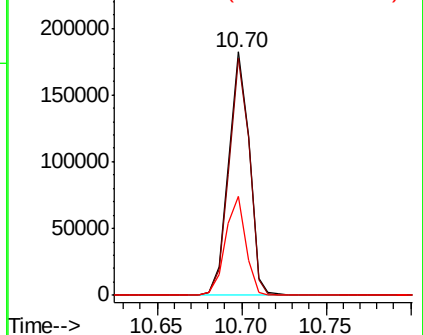


Abundance

Ion 329.80 (329.50 to 330.50): E

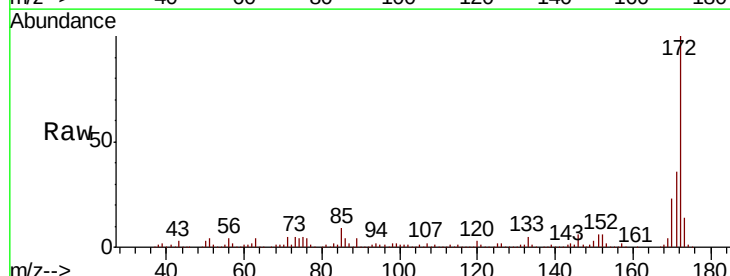
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 69.156 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF116573.D
 Acq: 26 Aug 2019 14:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.3	19.4	29.0

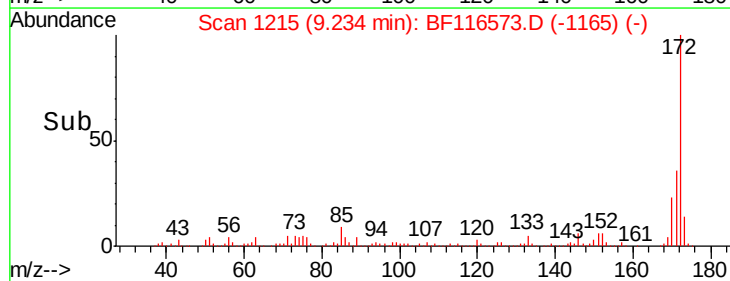
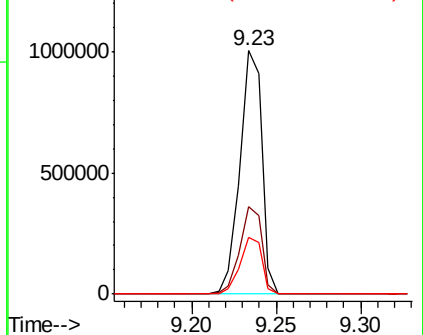


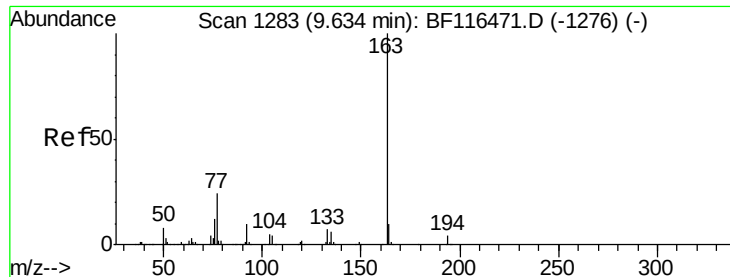
Abundance

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

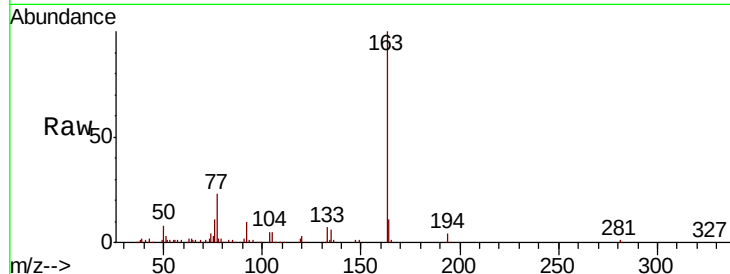




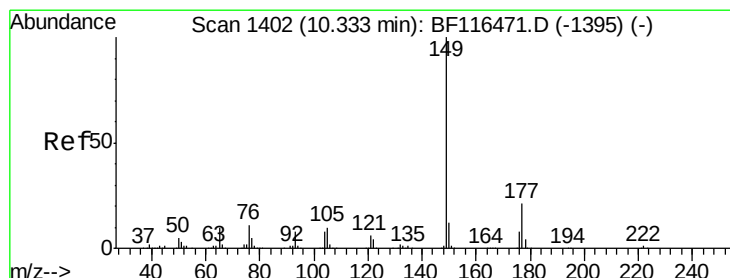
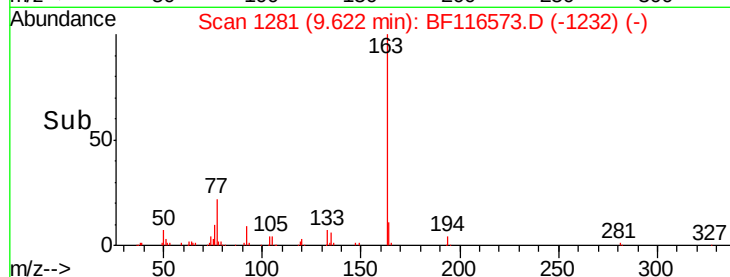
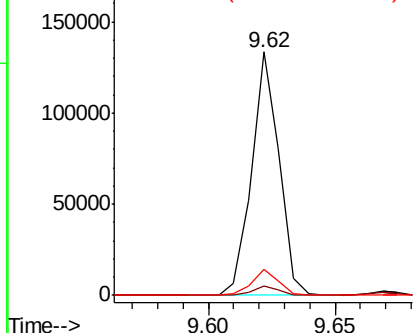
#50
Dimethylphthalate
Concen: 6.755 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116573.D
Acq: 26 Aug 2019 14:36

Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	10.7	8.2	12.2

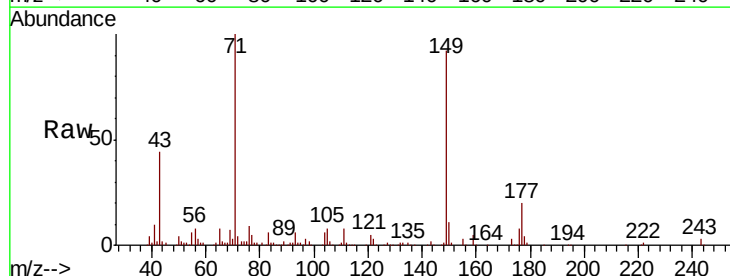


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

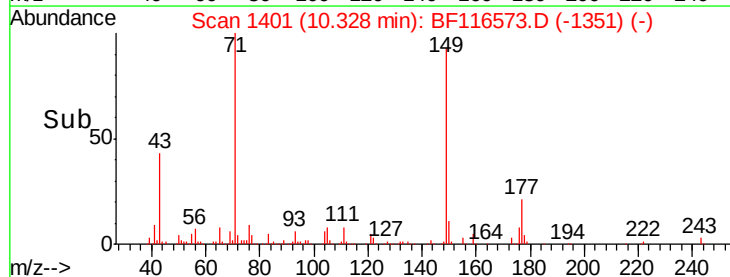
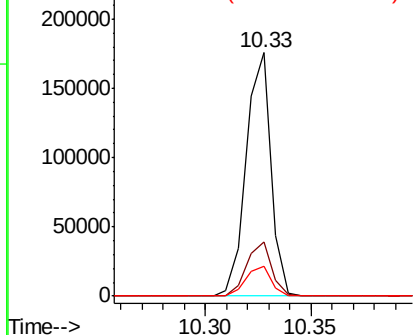


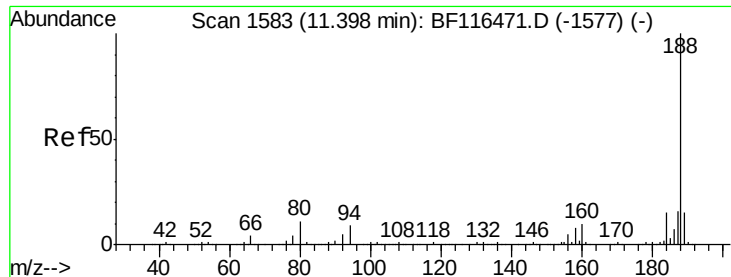
#60
Diethylphthalate
Concen: 9.835 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF116573.D
Acq: 26 Aug 2019 14:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.1	25.7
150	12.2	9.8	14.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

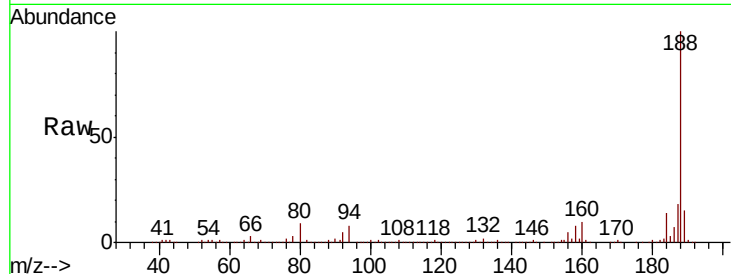




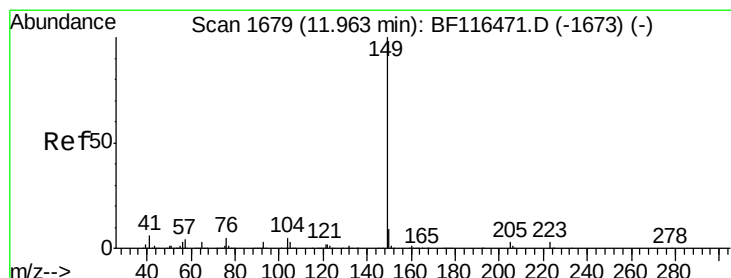
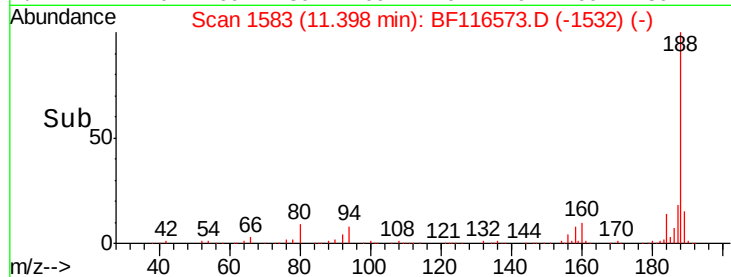
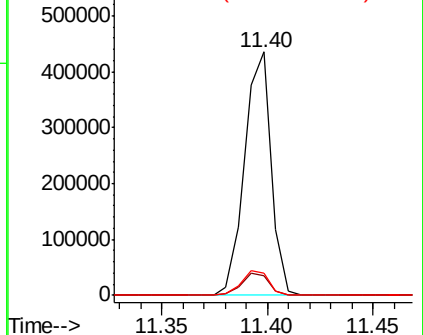
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF116573.D
 Acq: 26 Aug 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB

Tot Ion:188	Resp:	379341
Ion Ratio	Lower	Upper
188	100	
94	8.1	7.4 11.2
80	9.2	8.6 12.8

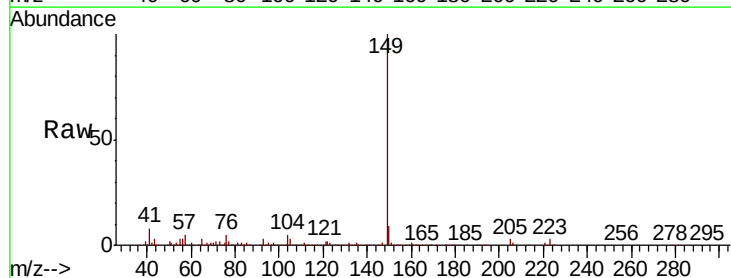


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

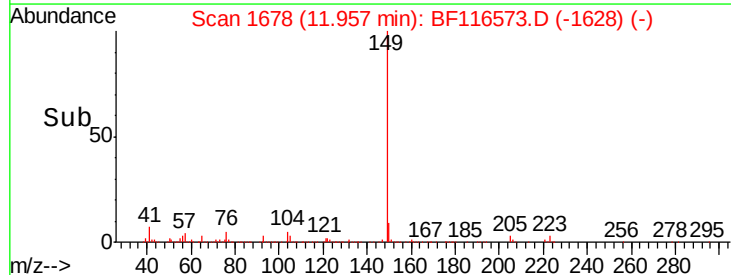
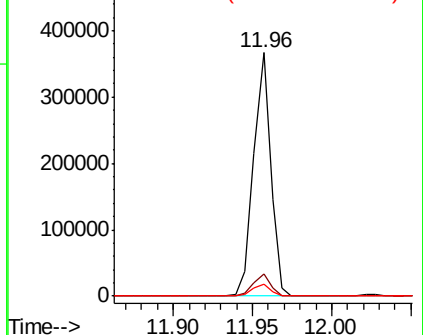


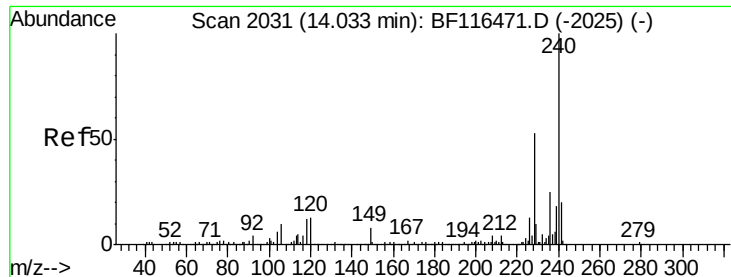
#74
 Di-n-butylphthalate
 Concen: 11.945 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BF116573.D
 Acq: 26 Aug 2019 14:36

Tgt Ion:149	Resp:	275892
Ion Ratio	Lower	Upper
149	100	
150	9.0	7.5 11.3
104	4.7	4.1 6.1



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

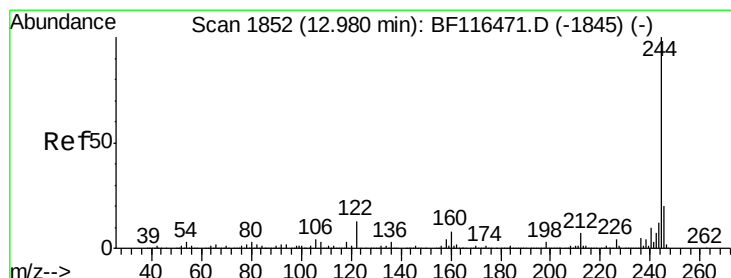
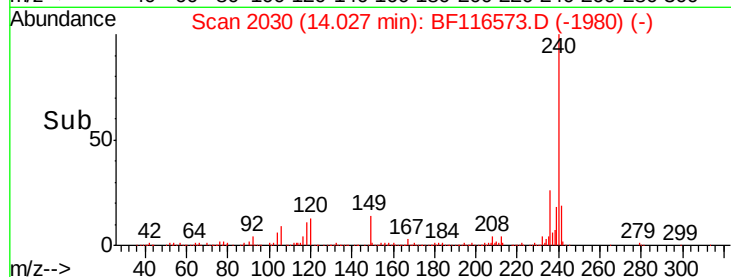
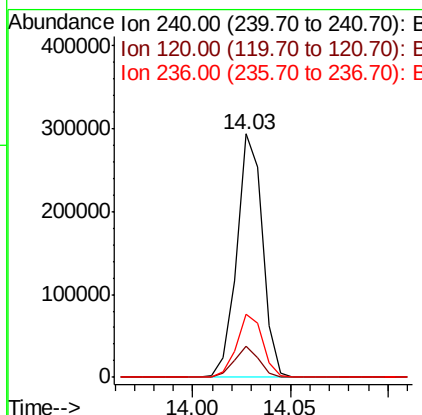
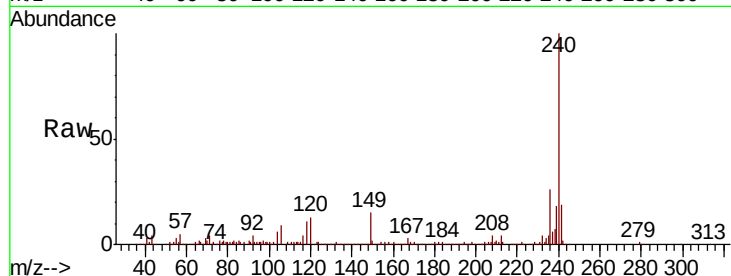




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116573.D
Acq: 26 Aug 2019 14:36

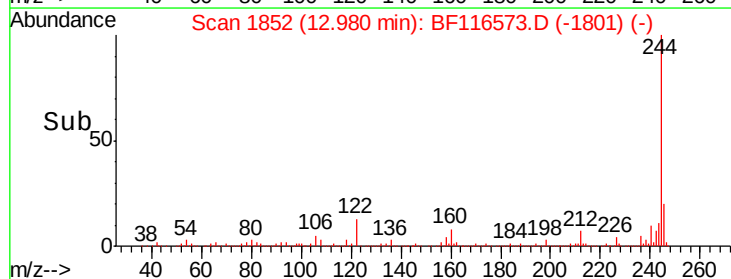
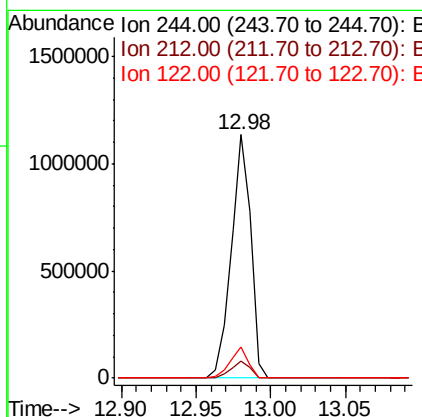
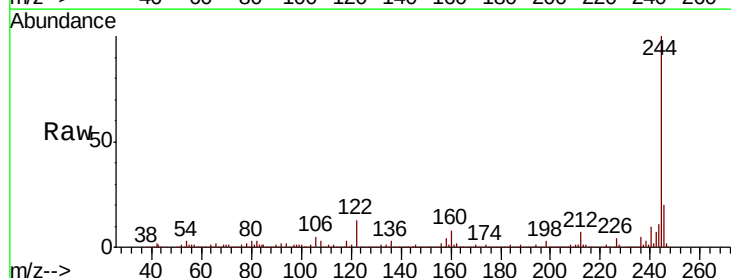
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB

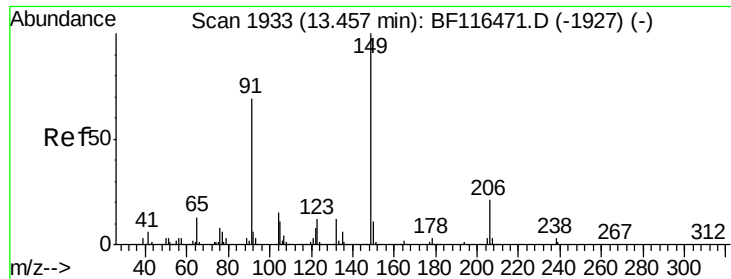
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.5	15.7
236	26.1	20.2	30.2



#79
Terphenyl-d14
Concen: 72.918 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF116573.D
Acq: 26 Aug 2019 14:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	12.6	10.2	15.4

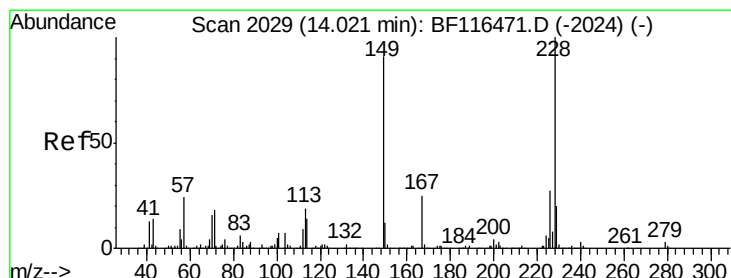
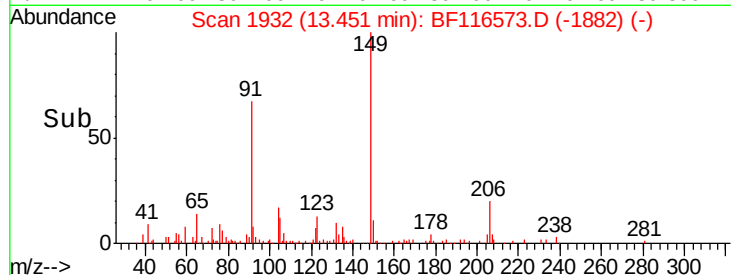
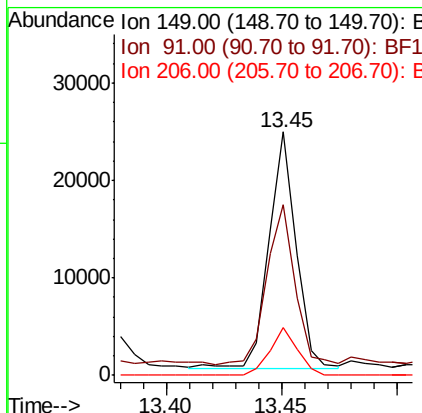
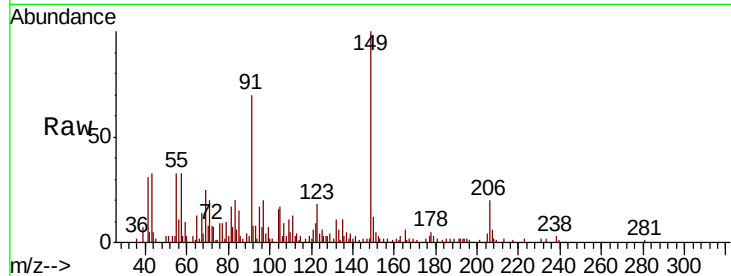




#80
 Butylbenzylphthalate
 Concen: 2.143 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF116573.D
 Acq: 26 Aug 2019 14:36

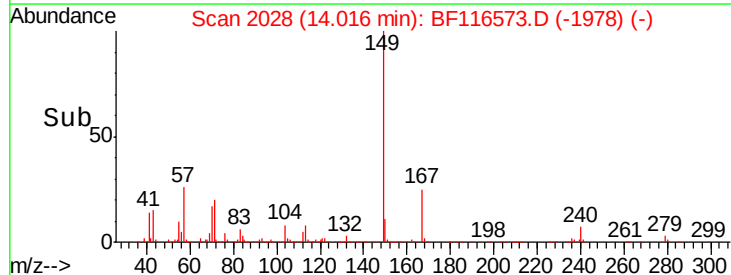
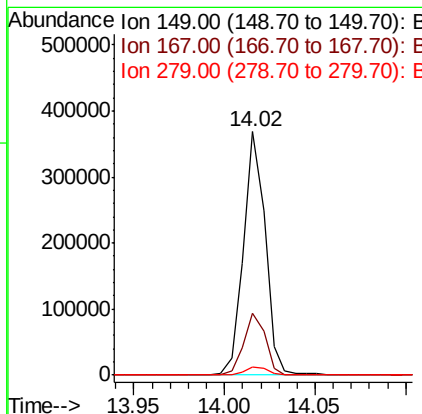
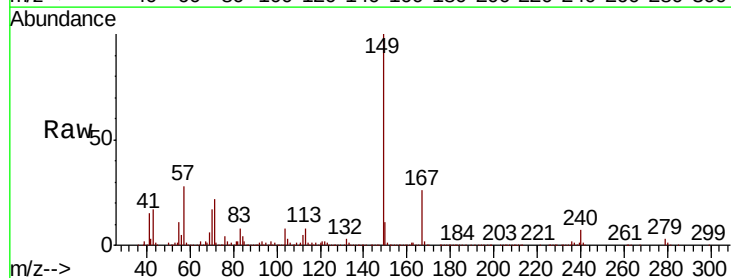
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB

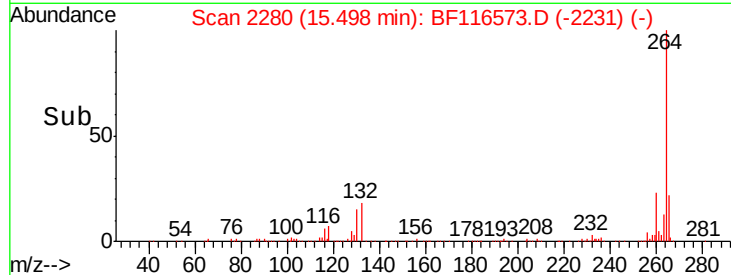
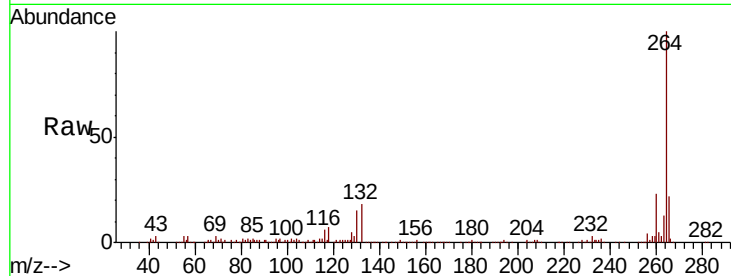
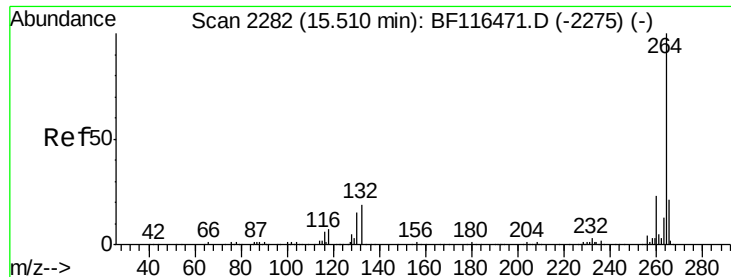
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.1	54.9	82.3
206	19.5	16.6	24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 24.685 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF116573.D
 Acq: 26 Aug 2019 14:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.8	32.6
279	3.3	3.0	4.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116573.D
Acq: 26 Aug 2019 14:36

Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB

Tot Ion:	264	Resp:	243032
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.5	17.1	25.7

