

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114517.D
 Acq On : 23 May 2019 6:56
 Operator : JU/SJ
 Sample : K2753-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-4

Quant Time: May 23 07:44:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

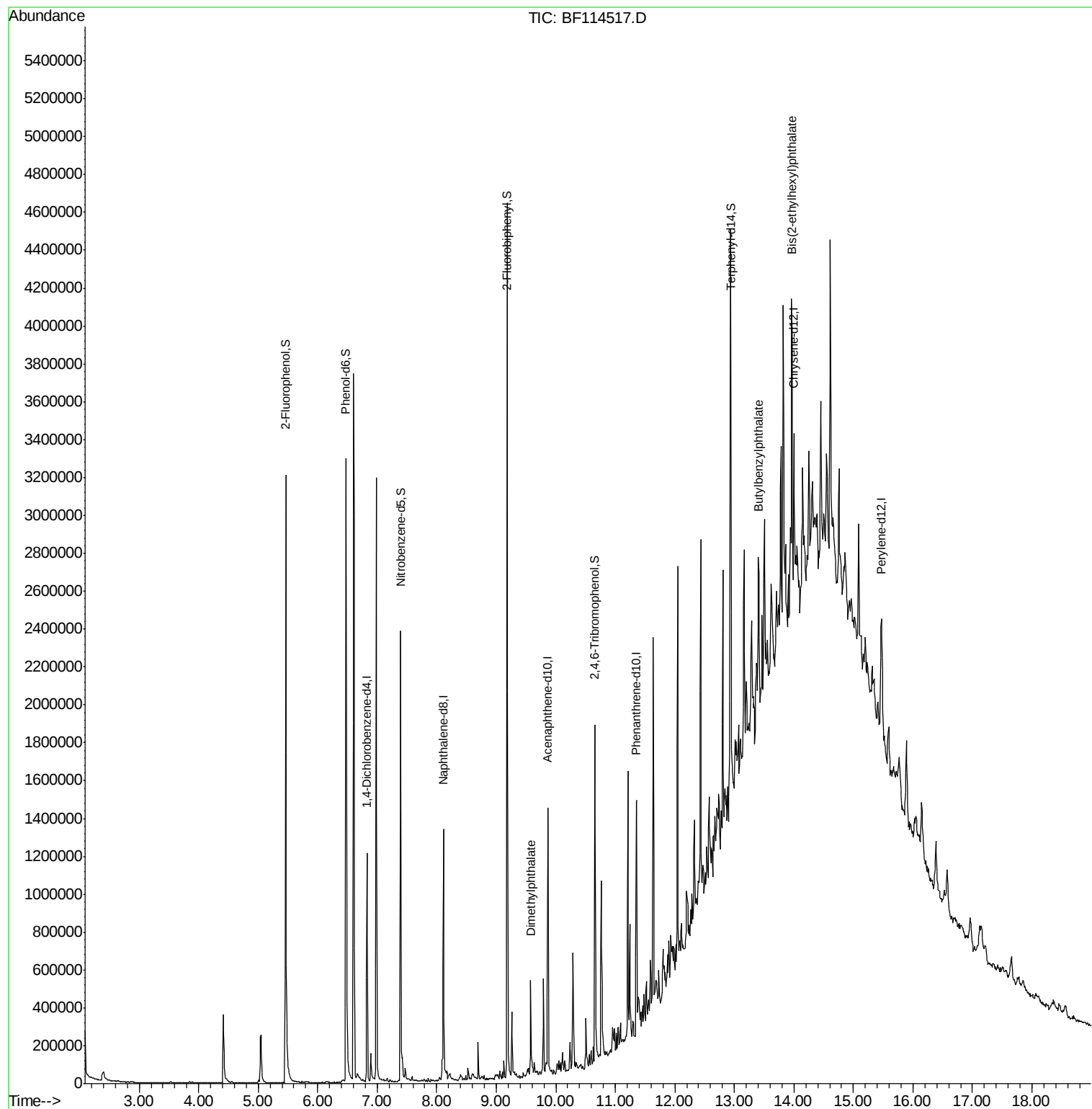
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	168615	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	658597	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	288304	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	481350	20.00	ng	0.00
76) Chrysene-d12	14.00	240	329949	20.00	ng	0.00
87) Perylene-d12	15.48	264	251929	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	949886	90.66	ng	0.00
7) Phenol-d6	6.47	99	1302859	105.13	ng	-0.01
23) Nitrobenzene-d5	7.39	82	763395	65.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	231064	77.52	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1367870	71.77	ng	0.00
79) Terphenyl-d14	12.94	244	1039016	64.91	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	152430	7.202	ng	99
80) Butylbenzylphthalate	13.40	149	159923	14.314	ng	95
84) Bis(2-ethylhexyl)phthalate	13.96	149	499140	34.160	ng	98

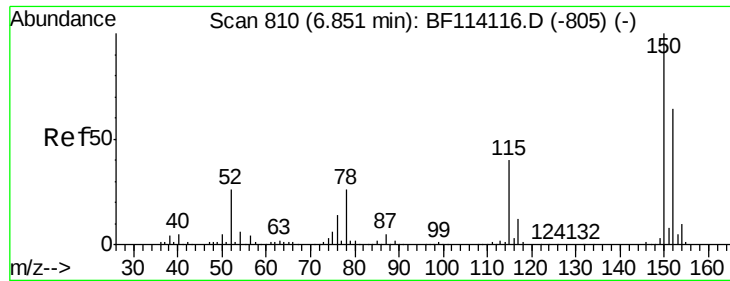
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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QLast Update : Mon May 20 04:47:40 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF114517.D

Acq: 23 May 2019 6:56

Instrument :

BNA_F

ClientSampleId :

CONCRETE-4

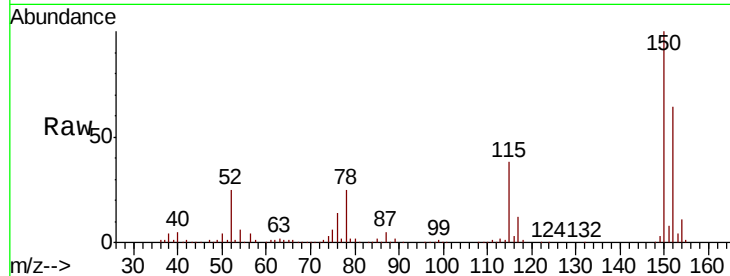
Tot Ion:152 Resp: 168615

Ion Ratio Lower Upper

152 100

150 156.8 124.3 186.5

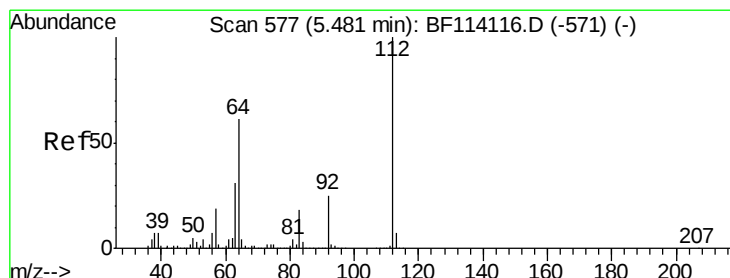
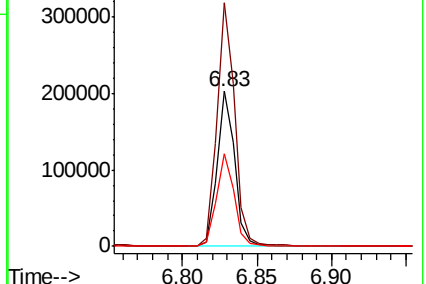
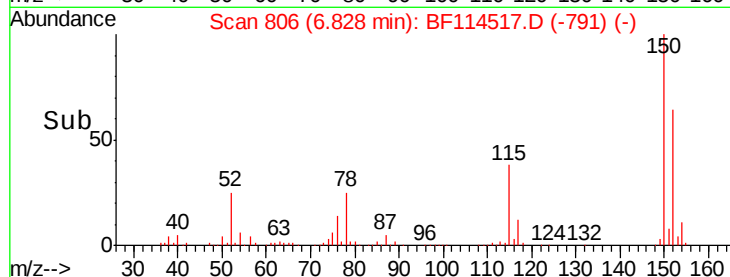
115 59.5 49.1 73.7



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: 90.657 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF114517.D

Acq: 23 May 2019 6:56

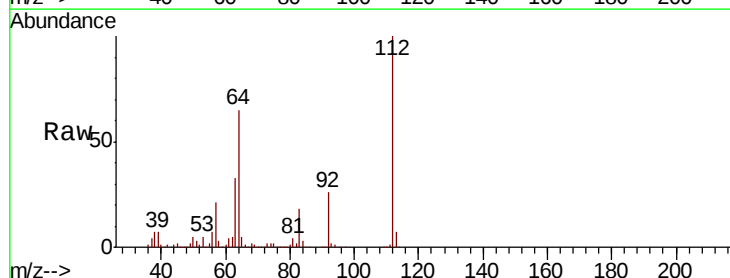
Tgt Ion:112 Resp: 949886

Ion Ratio Lower Upper

112 100

64 65.0 49.0 73.6

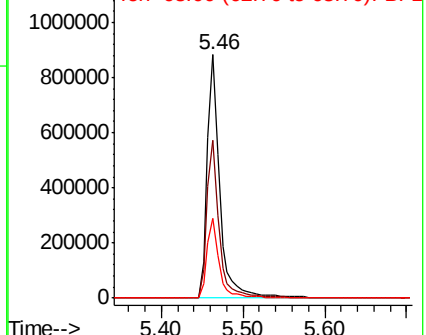
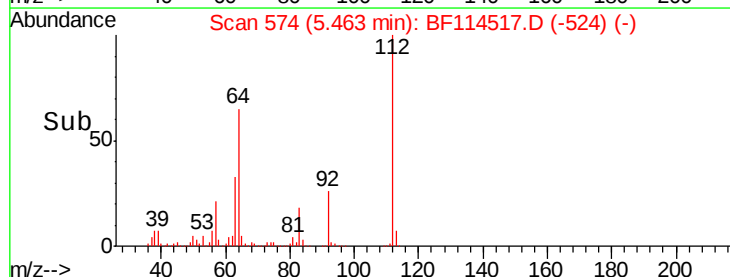
63 32.7 24.6 37.0



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: 105.134 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114517.D

Acq: 23 May 2019 6:56

Instrument :

BNA_F

ClientSampleId :

CONCRETE-4

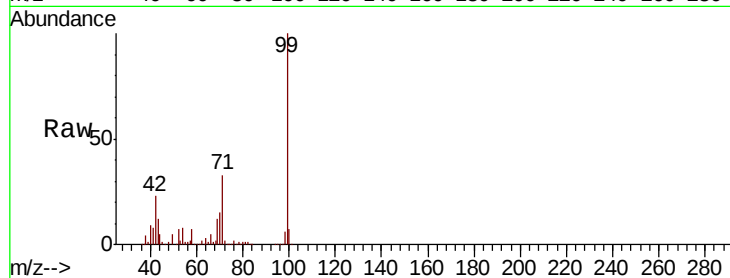
Tot Ion: 99 Resp: 1302859

Ion Ratio Lower Upper

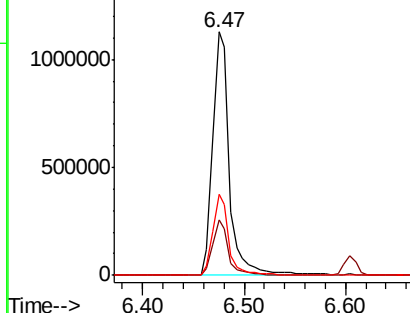
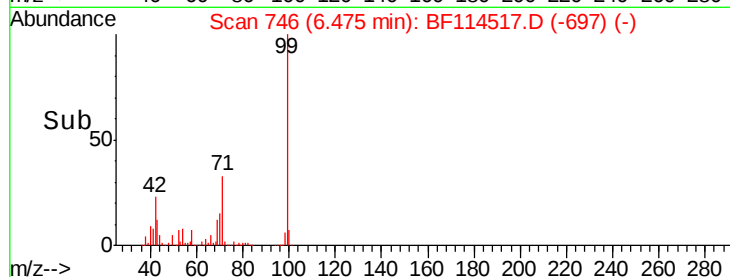
99 100

42 22.7 17.9 26.9

71 33.1 26.2 39.2



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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114517.D

Acq: 23 May 2019 6:56

Tgt Ion: 136 Resp: 658597

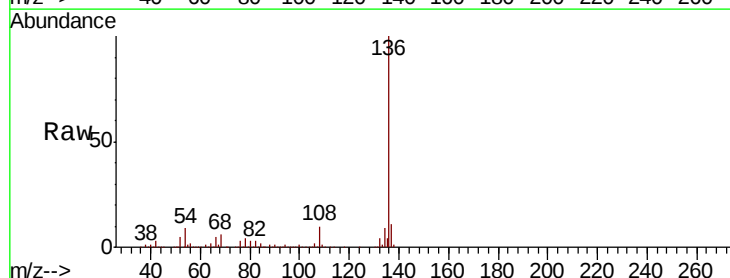
Ion Ratio Lower Upper

136 100

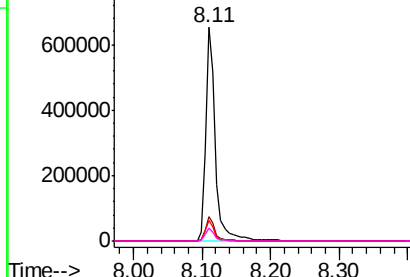
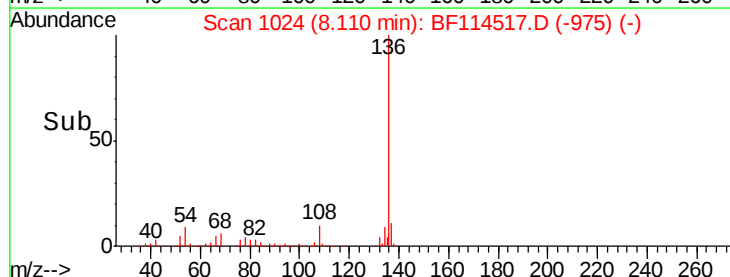
137 11.1 8.8 13.2

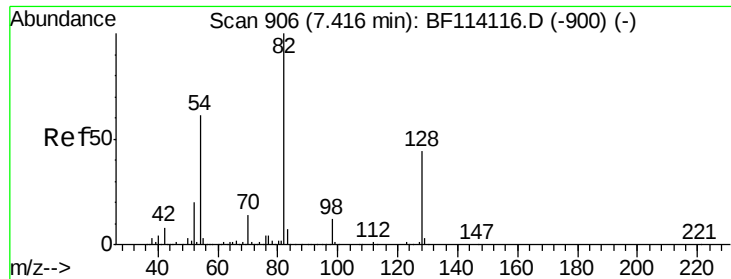
54 9.5 7.8 11.8

68 6.3 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

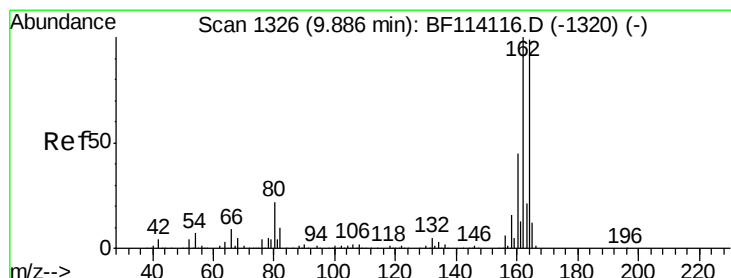
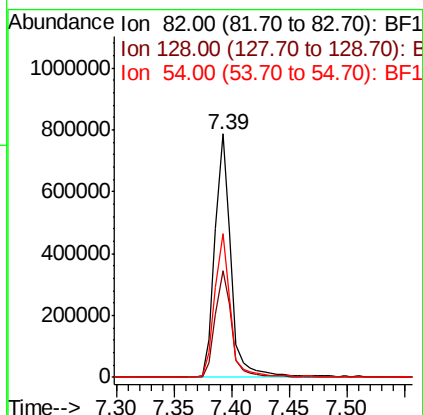
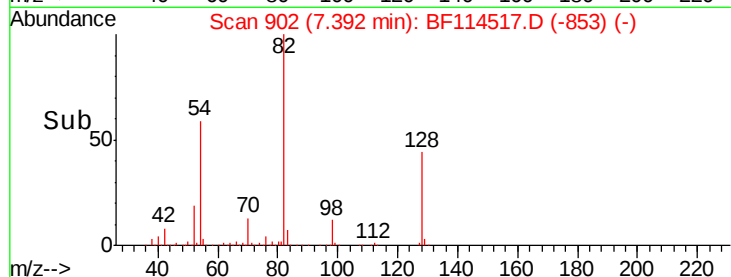
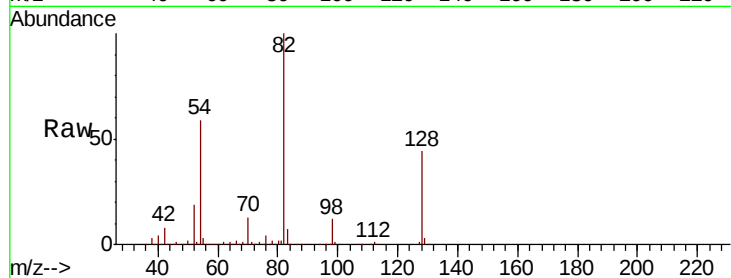




#23
 Nitrobenzene-d5
 Concen: 65.050 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114517.D
 Acq: 23 May 2019 6:56

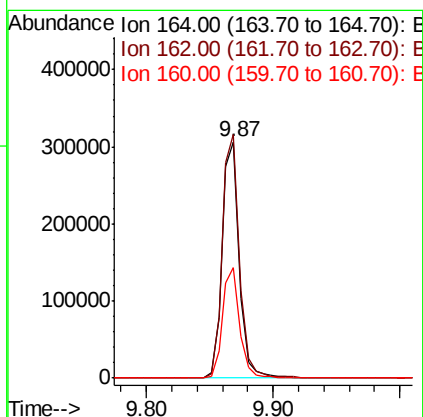
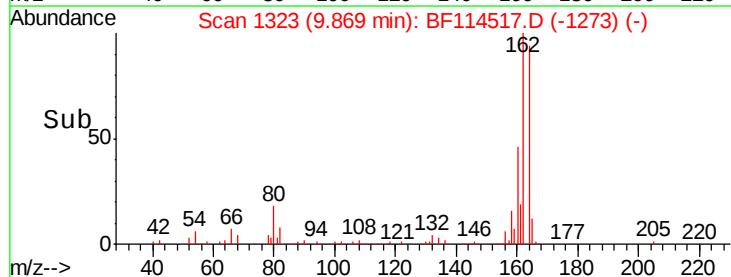
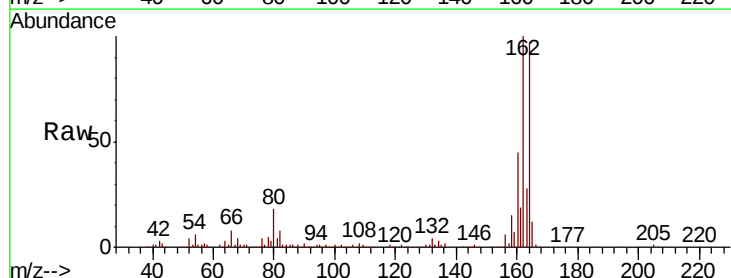
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-4

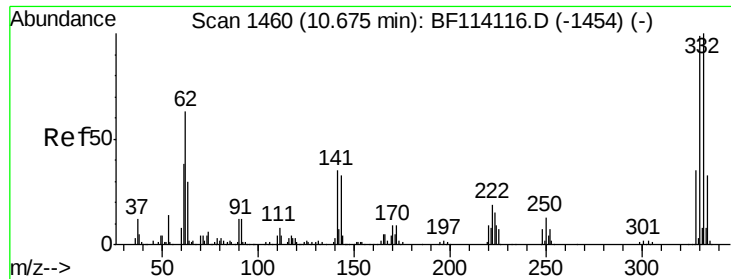
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.5	53.3
54	59.1	48.5	72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF114517.D
 Acq: 23 May 2019 6:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.6	120.8
160	46.9	36.5	54.7

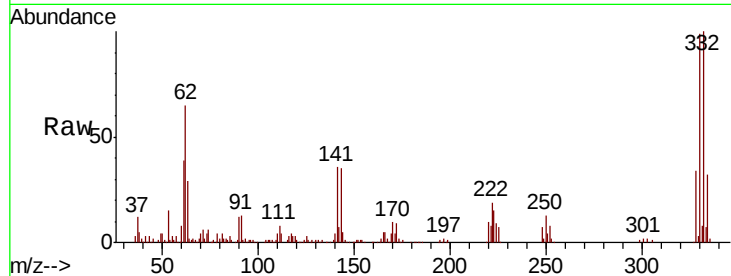




#42
 2,4,6-Tribromophenol
 Concen: 77.523 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF114517.D
 Acq: 23 May 2019 6:56

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.9	81.4	122.2
141	34.3	26.6	40.0

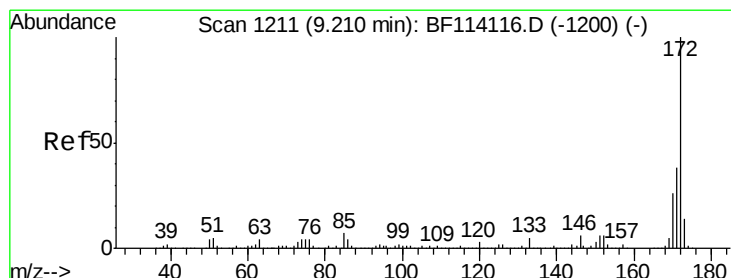
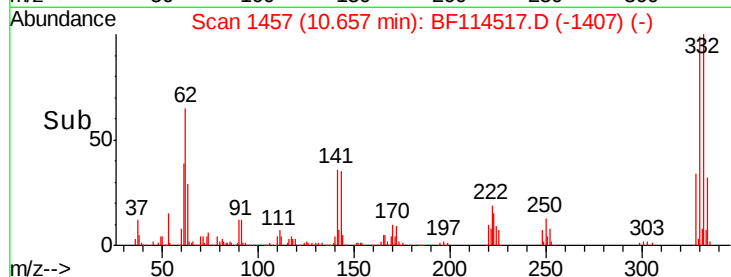
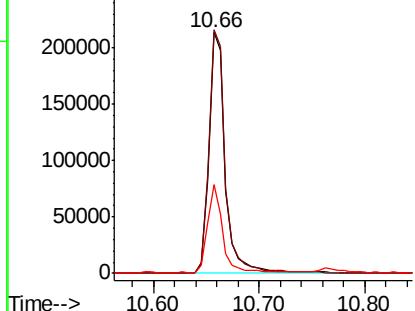


Abundance

Ion 329.80 (329.50 to 330.50): E

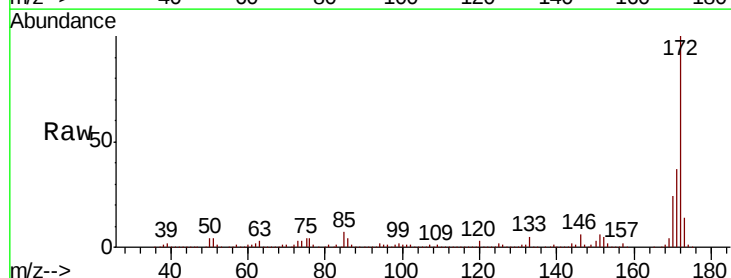
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.769 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114517.D
 Acq: 23 May 2019 6:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.7	46.1
170	24.1	20.5	30.7

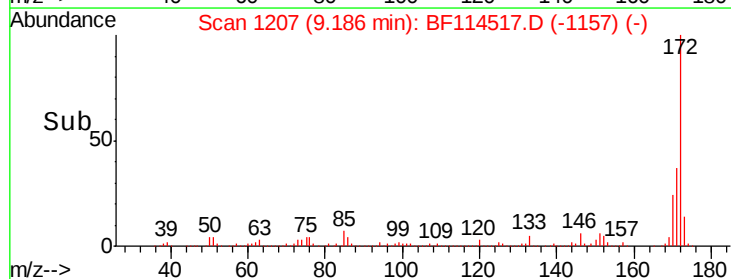
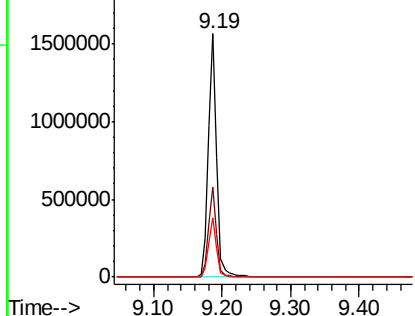


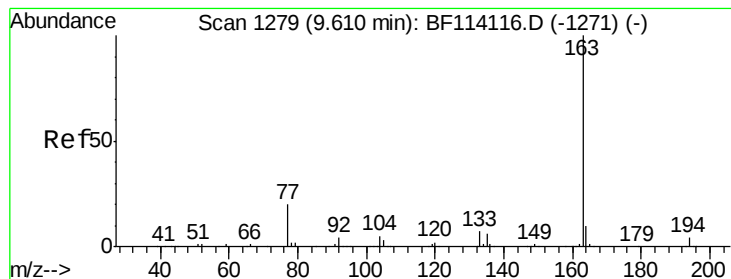
Abundance

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: 7.202 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114517.D

Acq: 23 May 2019 6:56

Instrument :

BNA_F

ClientSampleId :

CONCRETE-4

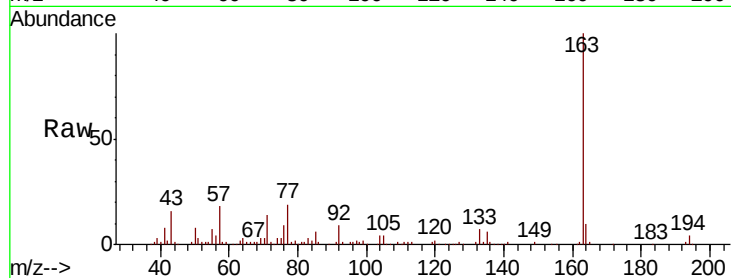
Tot Ion:163 Resp: 152430

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

164 9.7 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

9.58

200000

150000

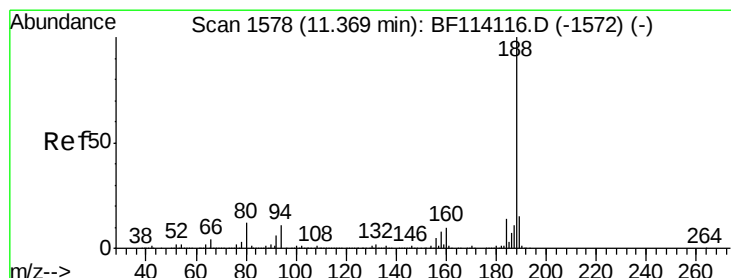
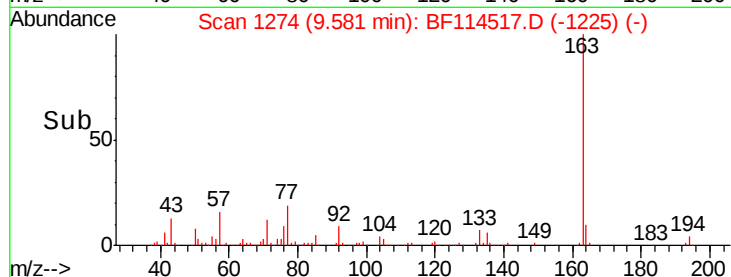
100000

50000

0

Time-->

9.50 9.60 9.70



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BF114517.D

Acq: 23 May 2019 6:56

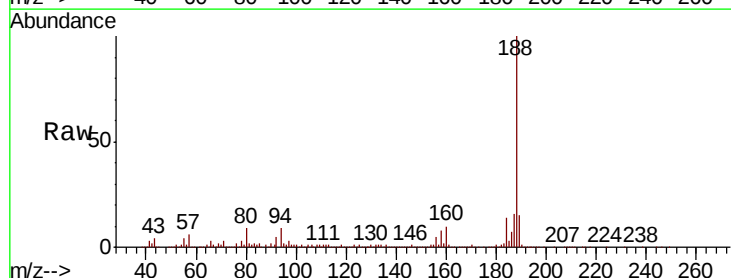
Tgt Ion:188 Resp: 481350

Ion Ratio Lower Upper

188 100

94 8.7 8.4 12.6

80 9.1 9.2 13.8#



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

11.36

600000

500000

400000

300000

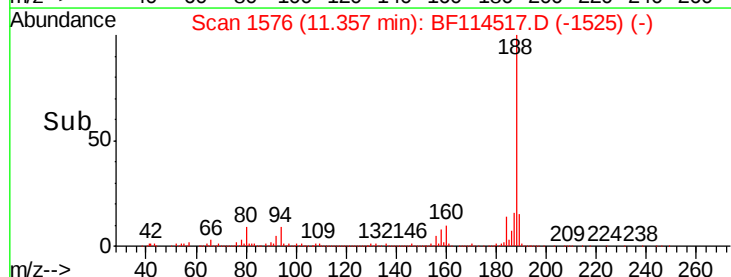
200000

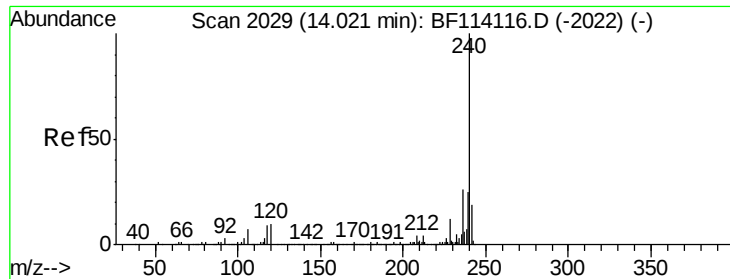
100000

0

Time-->

11.30 11.40

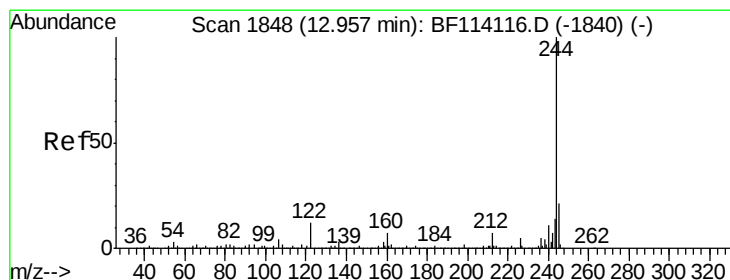
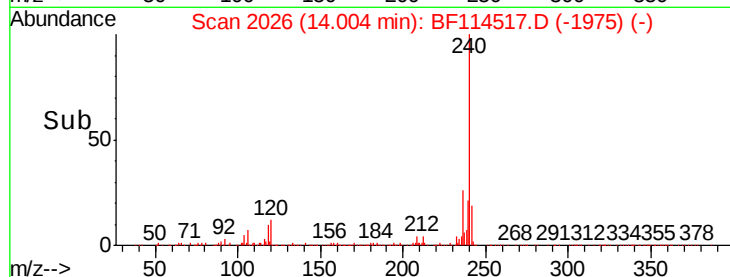
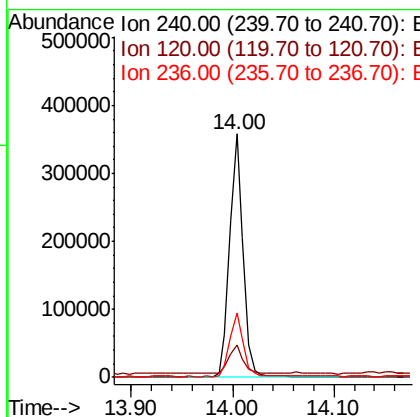
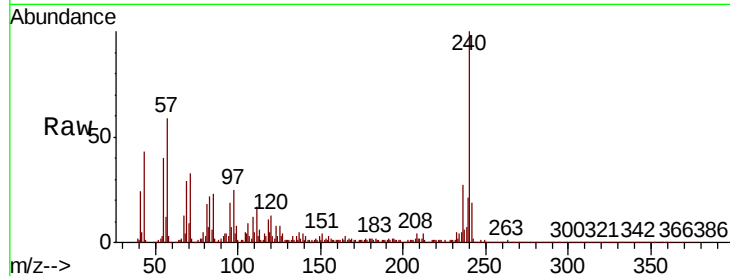




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF114517.D
 Acq: 23 May 2019 6:56

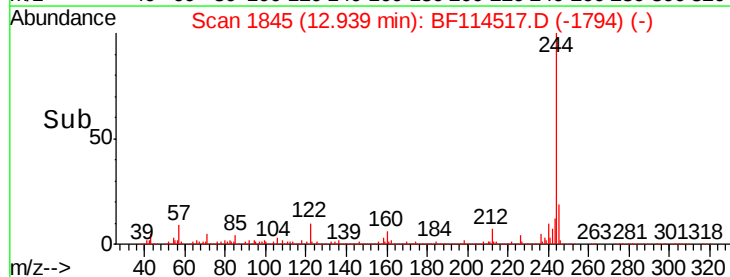
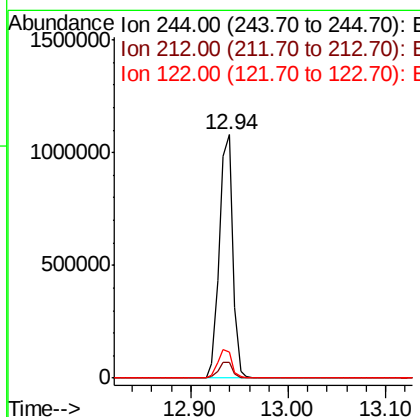
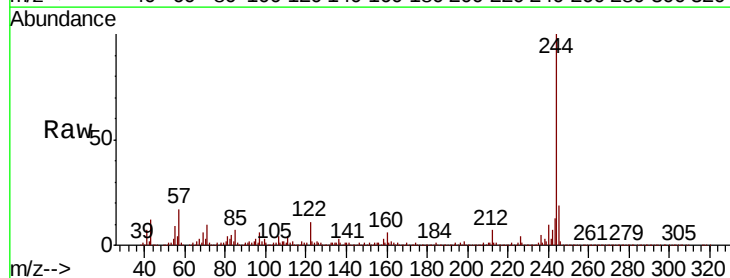
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-4

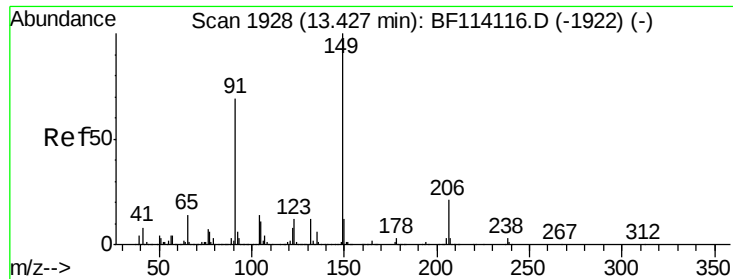
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.3	12.5#
236	26.5	20.8	31.2



#79
 Terphenyl-d14
 Concen: 64.915 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF114517.D
 Acq: 23 May 2019 6:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	10.7	9.4	14.2

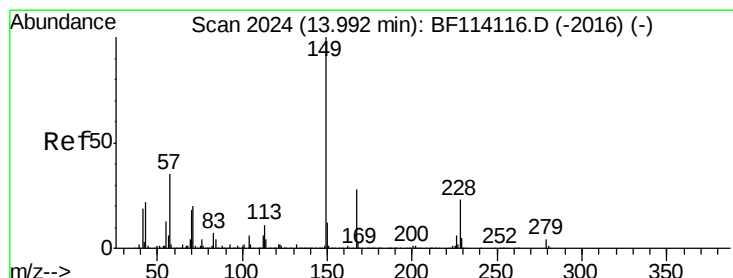
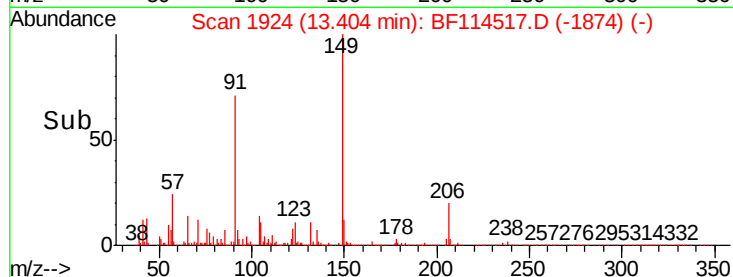
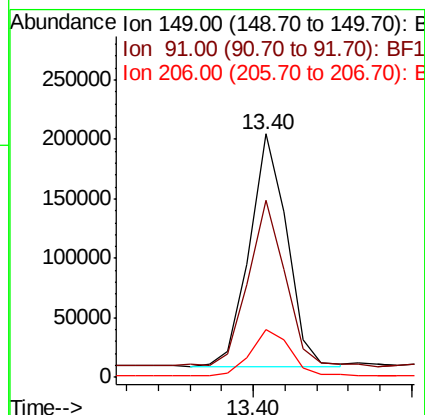
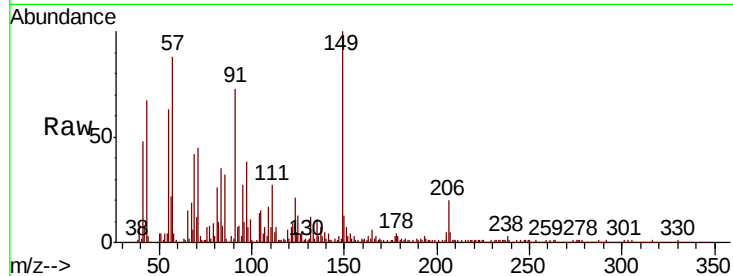




#80
Butylbenzylphthalate
Concen: 14.314 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BF114517.D
Acq: 23 May 2019 6:56

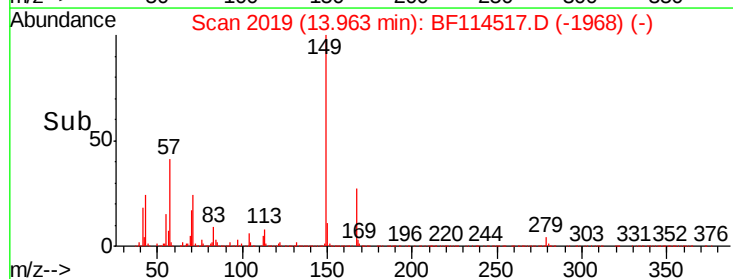
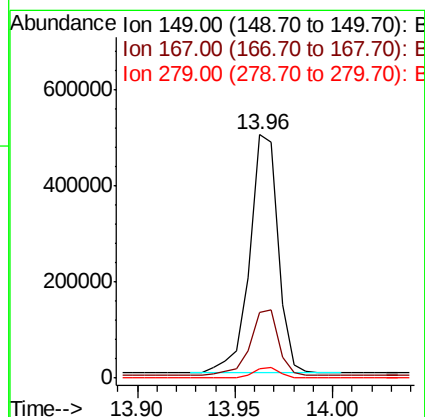
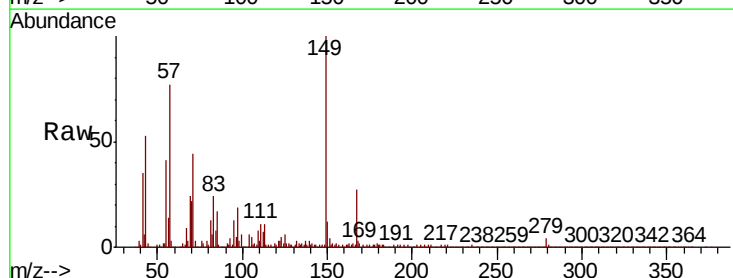
Instrument :
BNA_F
ClientSampleId :
CONCRETE-4

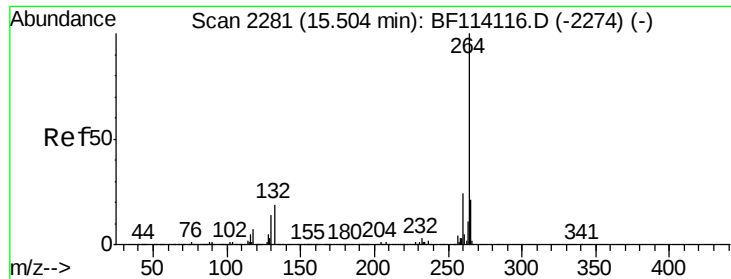
Tot Ion:149 Resp: 159923
Ion Ratio Lower Upper
149 100
91 72.8 55.0 82.4
206 19.7 16.9 25.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 34.160 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF114517.D
Acq: 23 May 2019 6:56

Tgt Ion:149 Resp: 499140
Ion Ratio Lower Upper
149 100
167 27.1 22.6 33.8
279 3.7 3.0 4.6

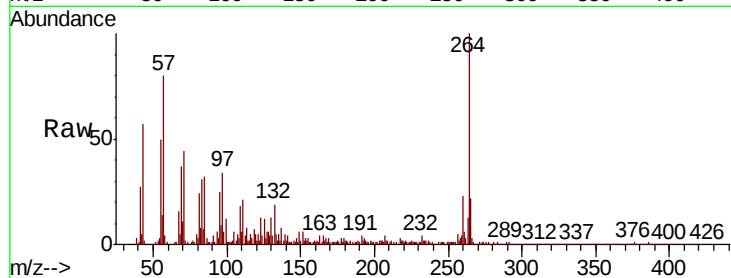




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.02 min
Lab File: BF114517.D
Acq: 23 May 2019 6:56

Instrument :
BNA_F
ClientSampleId :
CONCRETE-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	21.7	16.9	25.3



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

