

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110131.D
 Acq On : 24 Oct 2018 23:36
 Operator : JU/SJ
 Sample : J4768-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB45914RT-GRAVEL

Quant Time: Oct 25 05:08:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

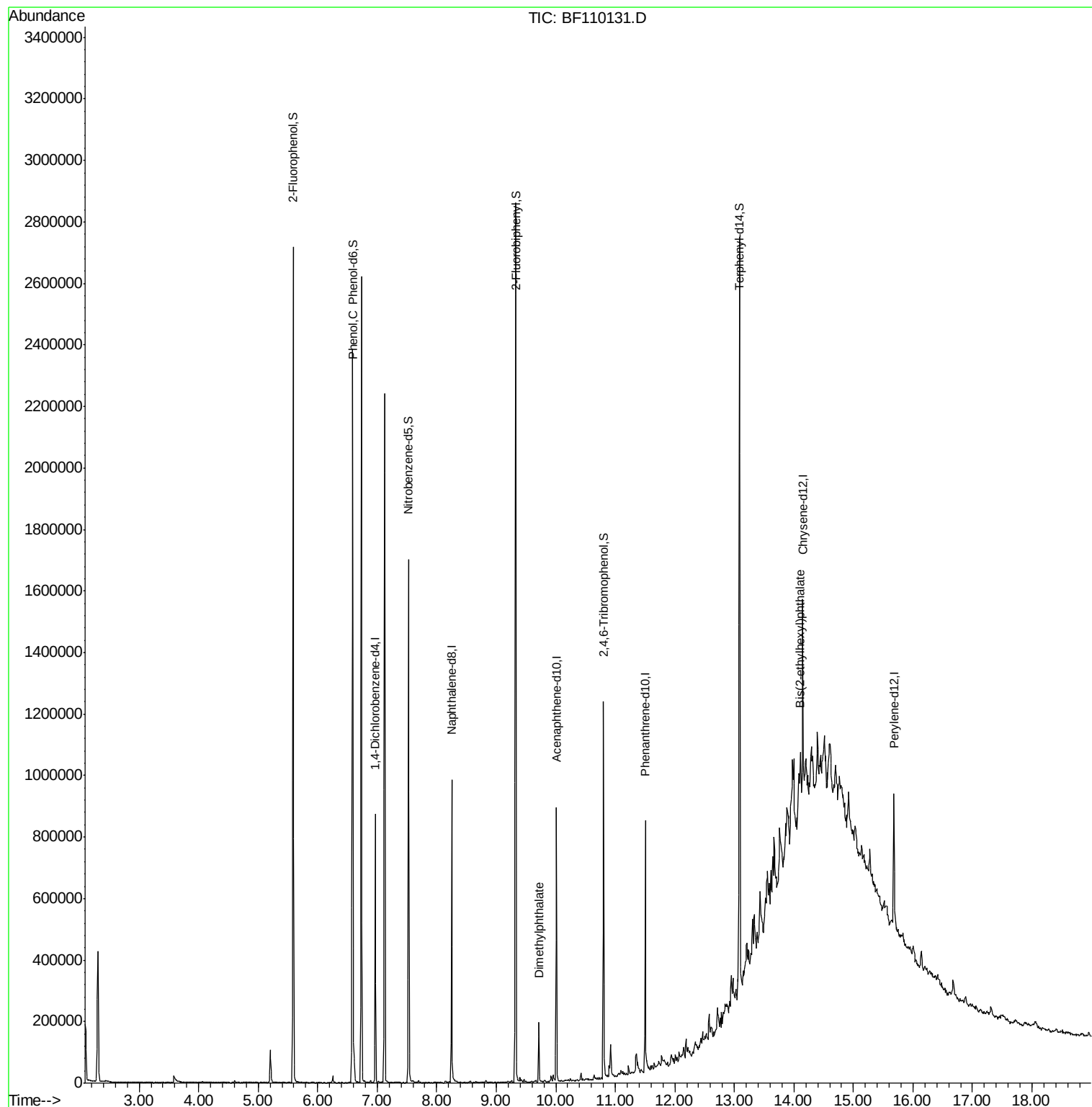
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	116758	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	421418	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	164288	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	267031	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	216991	20.00	ng	-0.01
87) Perylene-d12	15.68	264	160670	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	719376	100.33	ng	0.00
7) Phenol-d6	6.59	99	882486	96.23	ng	-0.02
23) Nitrobenzene-d5	7.53	82	500452	70.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	144141	88.57	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	898746	85.90	ng	-0.01
79) Terphenyl-d14	13.09	244	746484	71.55	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	44467	4.536	ng	Qvalue # 68
50) Dimethylphthalate	9.72	163	73647	6.073	ng	98
84) Bis(2-ethylhexyl)phthalate	14.11	149	36859	4.038	ng	97

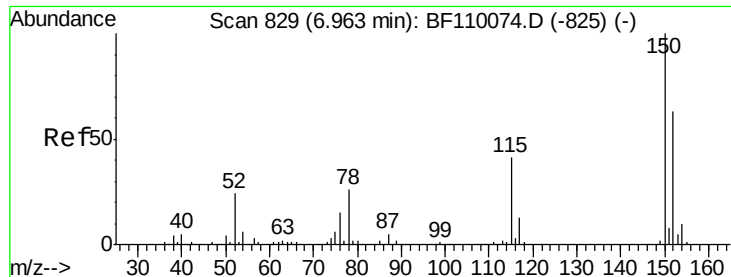
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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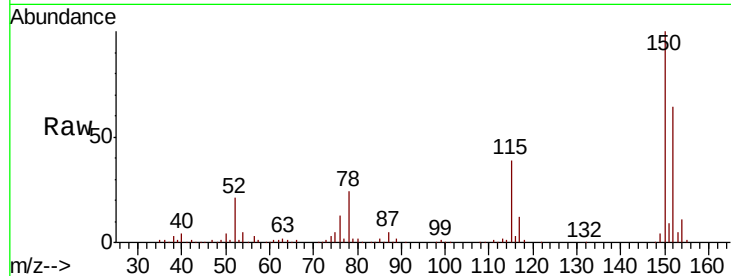




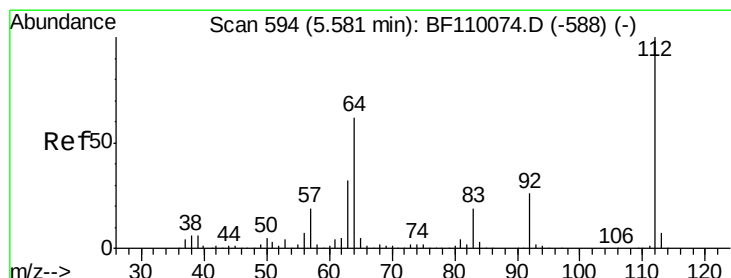
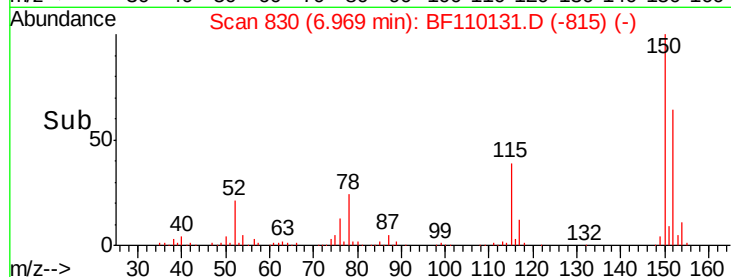
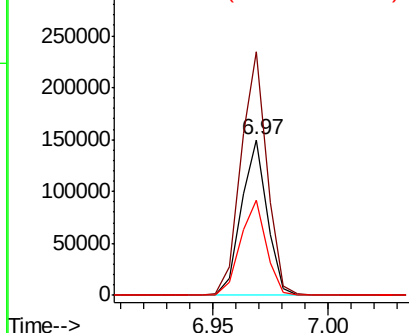
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110131.D
 Acq: 24 Oct 2018 23:36

Instrument :
 BNA_F
 ClientSampleId :
 RB45914RT-GRAVEL

Tot Ion:152 Resp: 116758
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.7 184.1
 115 61.1 49.1 73.7

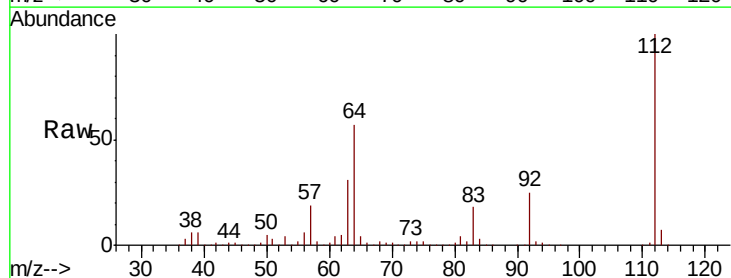


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

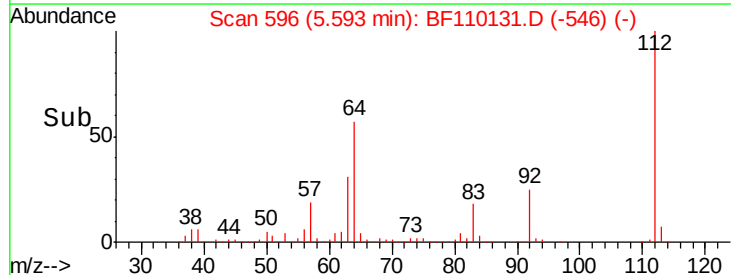
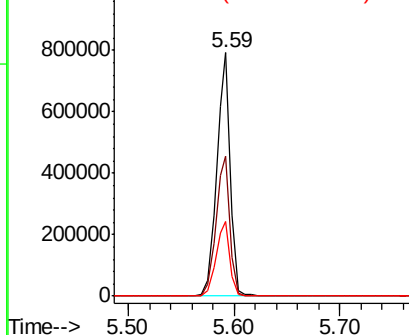


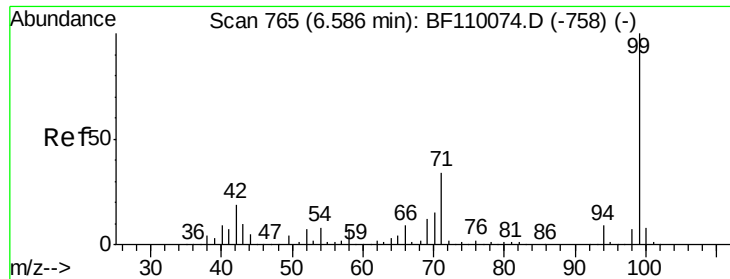
#5
 2-Fluorophenol
 Concen: 100.333 ng
 RT: 5.59 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF110131.D
 Acq: 24 Oct 2018 23:36

Tgt Ion:112 Resp: 719376
 Ion Ratio Lower Upper
 112 100
 64 57.5 44.1 66.1
 63 30.7 23.7 35.5



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: 96.228 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110131.D

Acq: 24 Oct 2018 23:36

Instrument :

BNA_F

ClientSampleId :

RB45914RT-GRAVEL

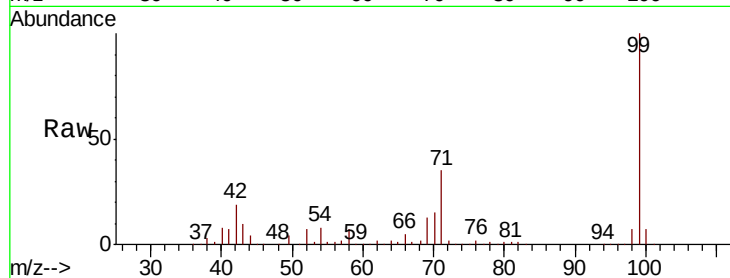
Tot Ion: 99 Resp: 882486

Ion Ratio Lower Upper

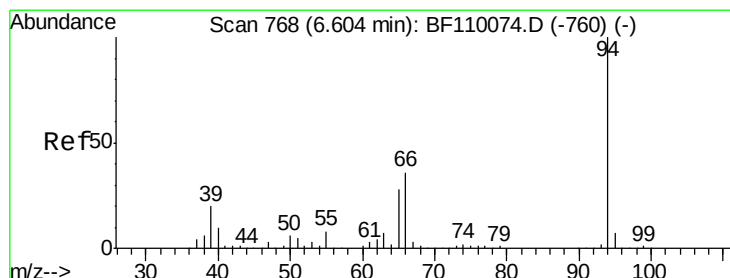
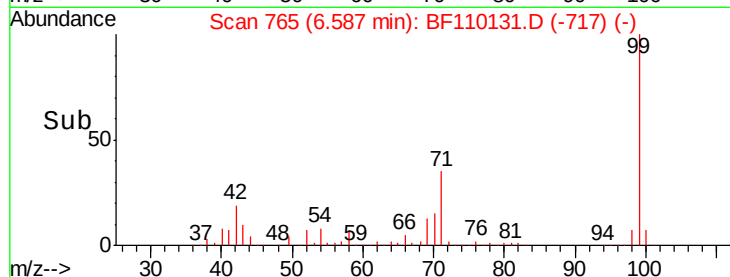
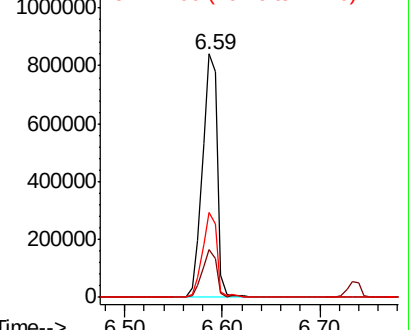
99 100

42 19.5 15.8 23.6

71 35.1 28.0 42.0



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: 4.536 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110131.D

Acq: 24 Oct 2018 23:36

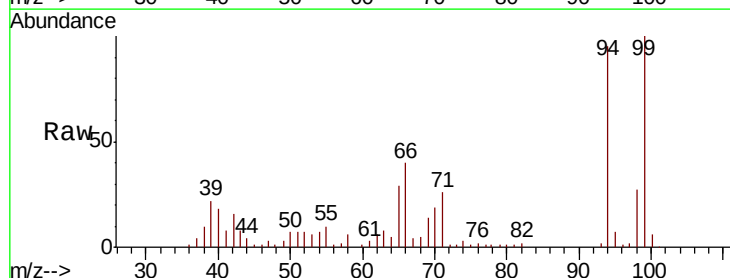
Tgt Ion: 94 Resp: 44467

Ion Ratio Lower Upper

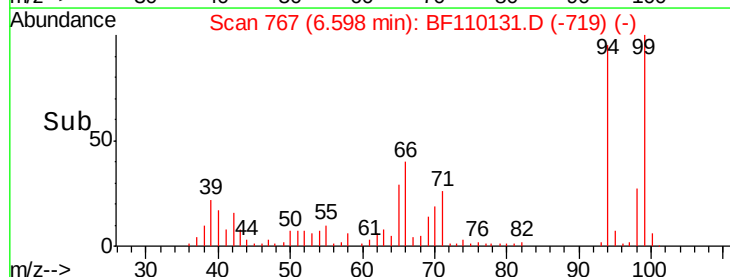
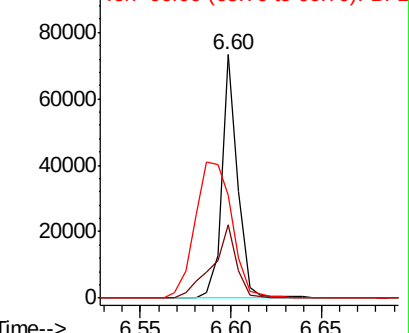
94 100

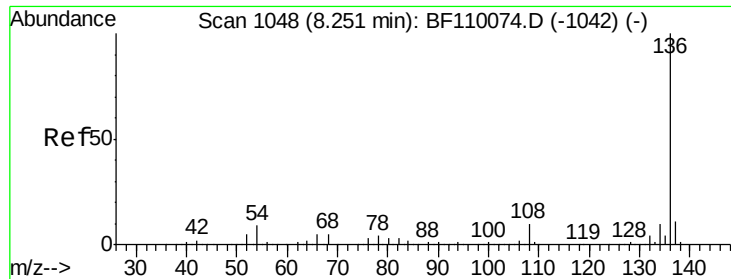
65 30.4 25.3 65.3

66 42.2 54.5 94.5#



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

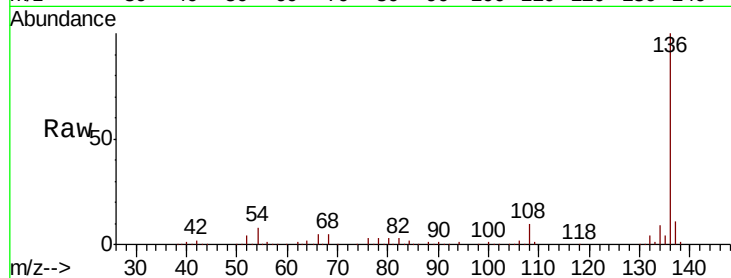




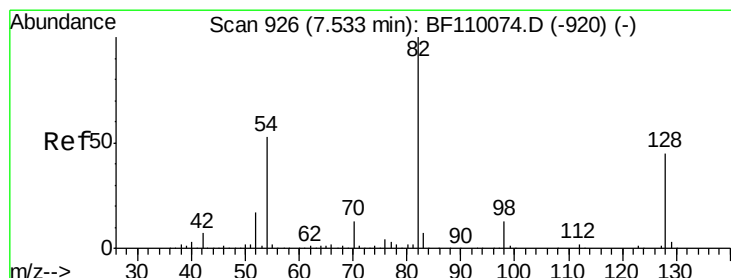
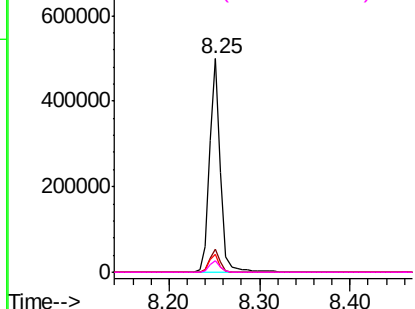
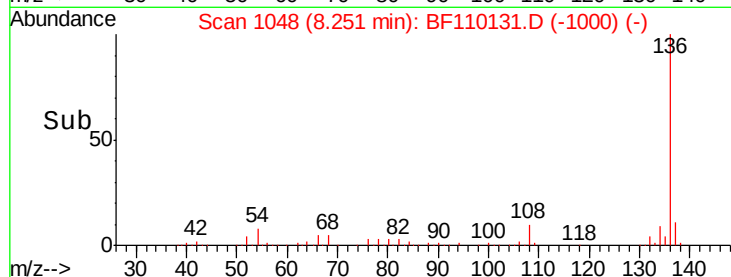
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Instrument :
BNA_F
ClientSampleId :
RB45914RT-GRAVEL

Tot Ion:136	Resp:	421418
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	8.1	5.4 8.2
68	5.5	4.2 6.2

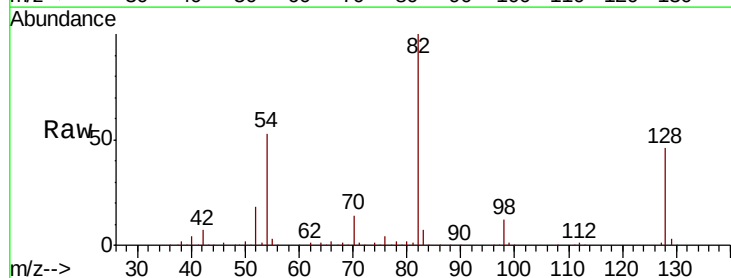


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

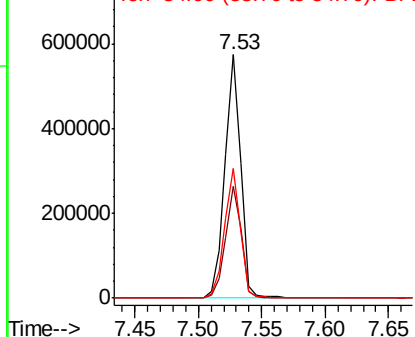
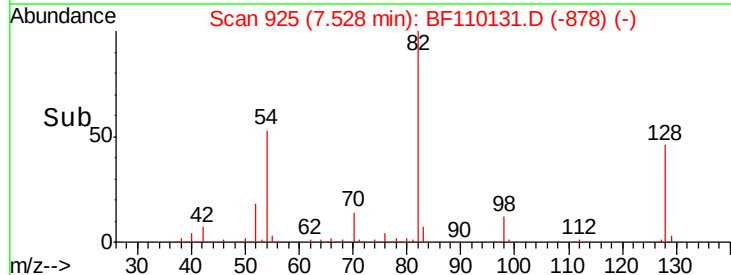


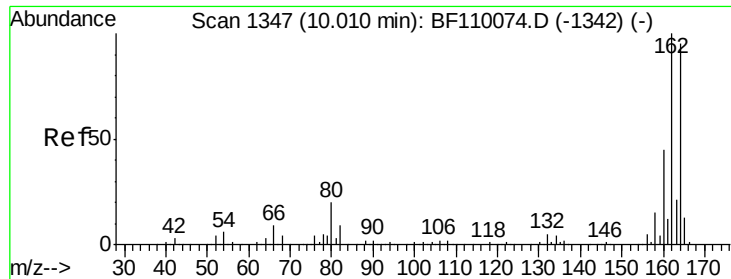
#23
Nitrobenzene-d5
Concen: 70.437 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Tgt Ion: 82	Resp:	500452
Ion Ratio	Lower	Upper
82	100	
128	45.9	34.2 51.2
54	53.1	38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110131.D

Acq: 24 Oct 2018 23:36

Instrument :

BNA_F

ClientSampleId :

RB45914RT-GRAVEL

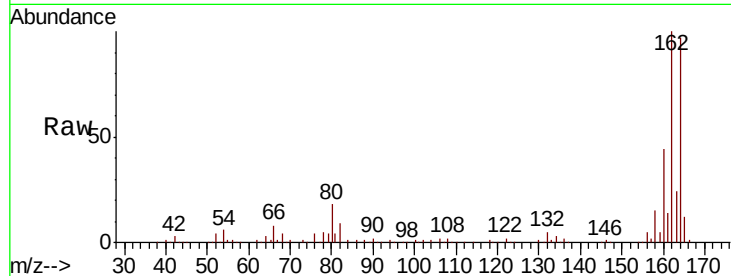
Tot Ion:164 Resp: 164288

Ion Ratio Lower Upper

164 100

162 103.1 83.0 124.6

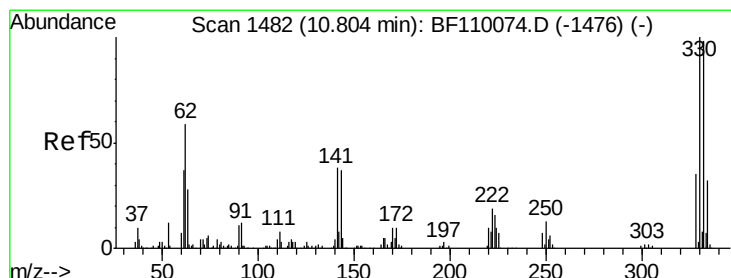
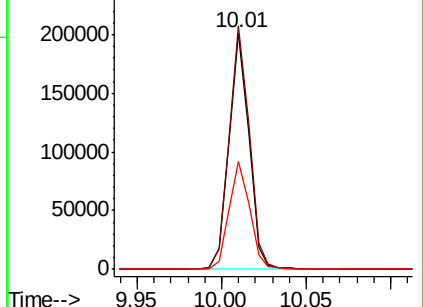
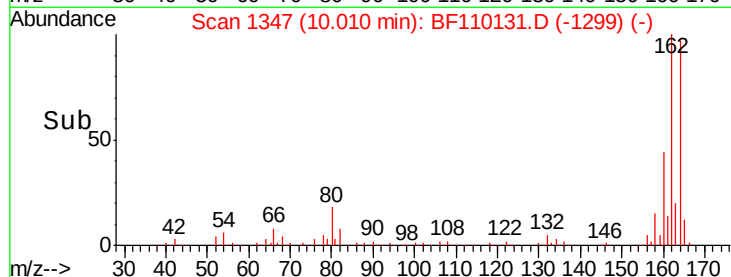
160 45.6 37.0 55.6



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: 88.572 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110131.D

Acq: 24 Oct 2018 23:36

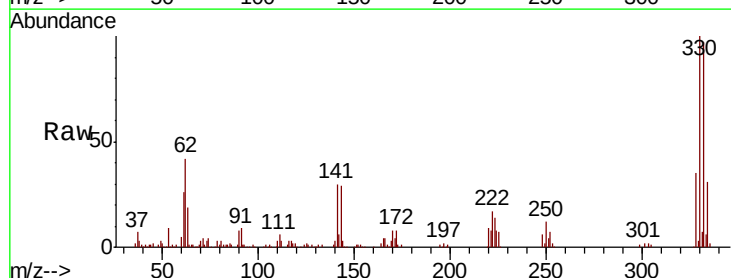
Tgt Ion:330 Resp: 144141

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

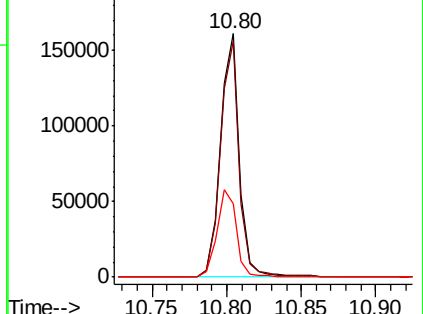
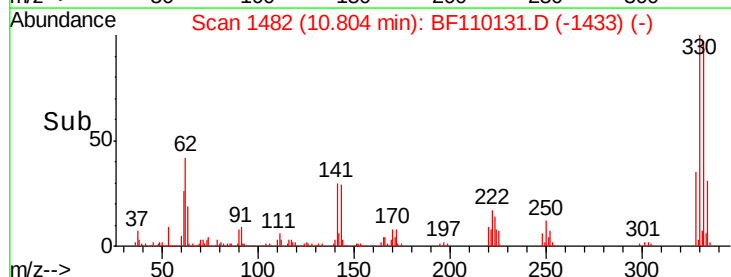
141 37.1 27.0 40.4

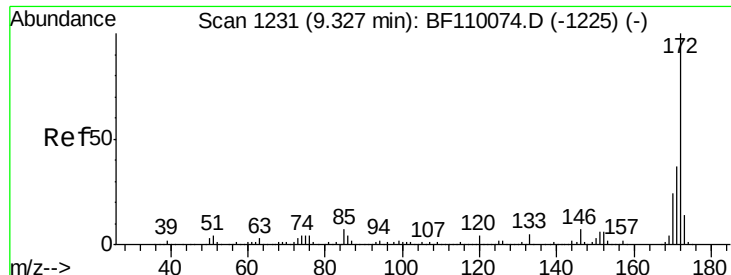


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

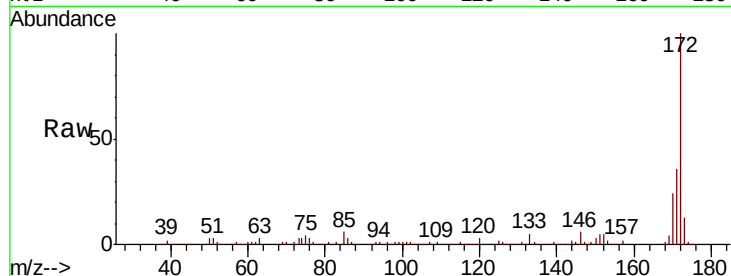




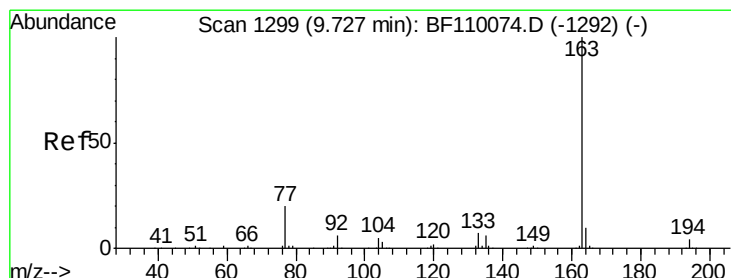
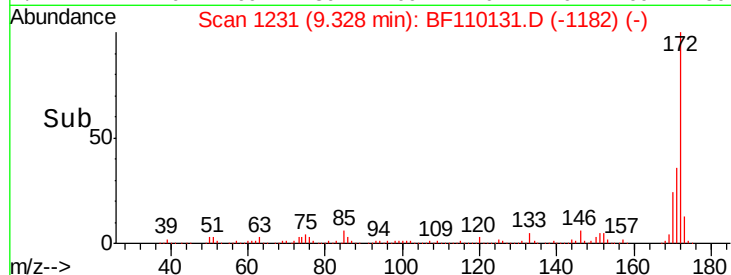
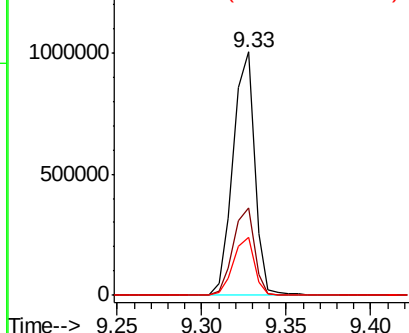
#45
2-Fluorobiphenyl
Concen: 85.902 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Instrument :
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ClientSampleId :
RB45914RT-GRAVEL

Tot Ion:172 Resp: 898746
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.7 19.7 29.5

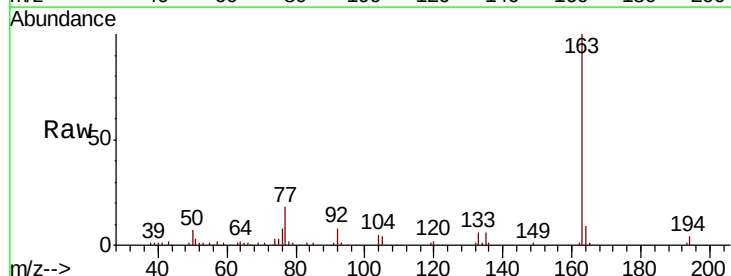


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

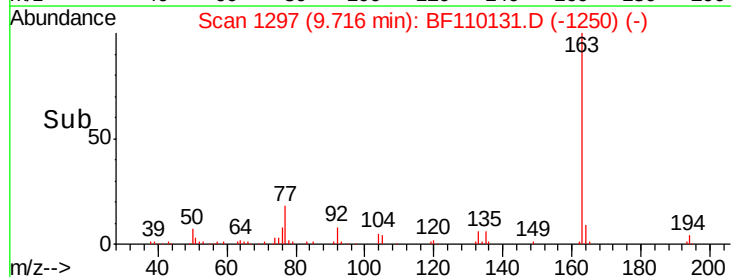
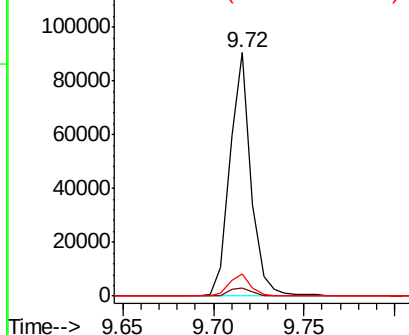


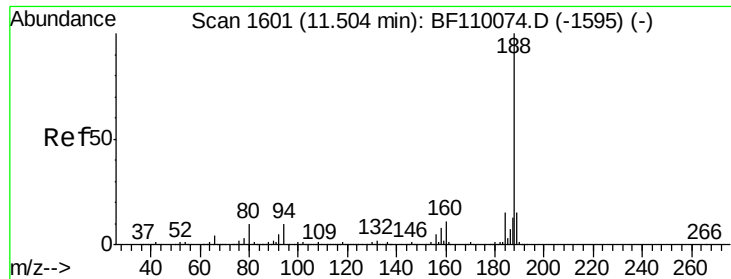
#50
Dimethylphthalate
Concen: 6.073 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Tgt Ion:163 Resp: 73647
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.2 8.1 12.1



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

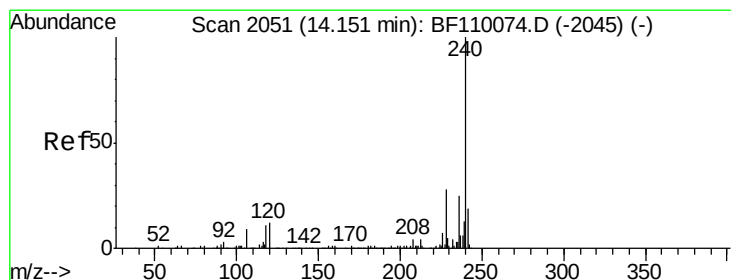
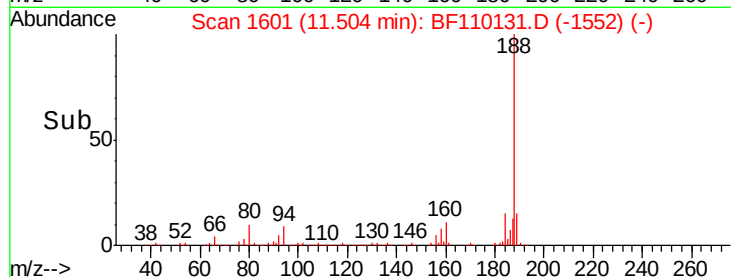
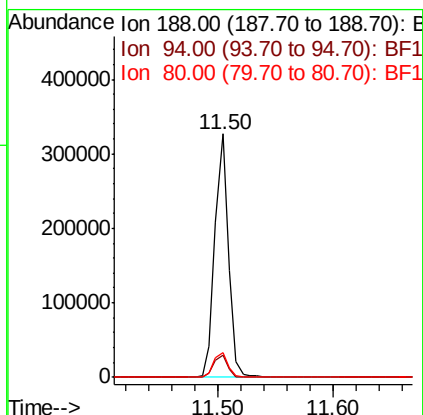
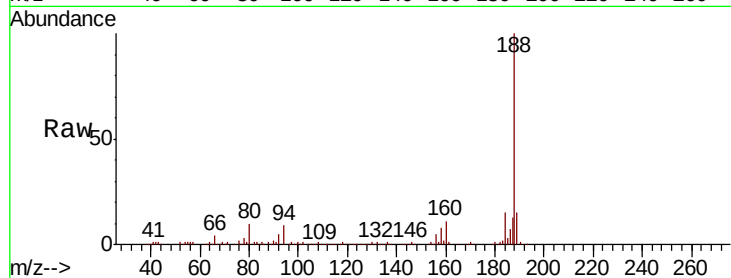




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

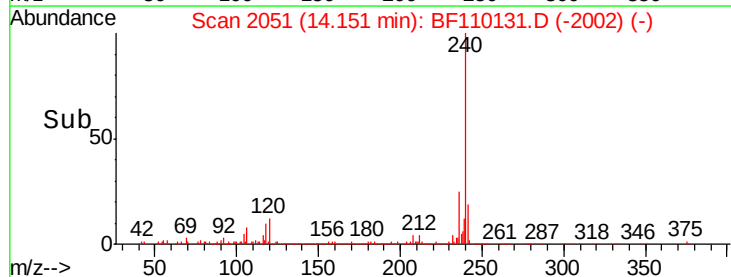
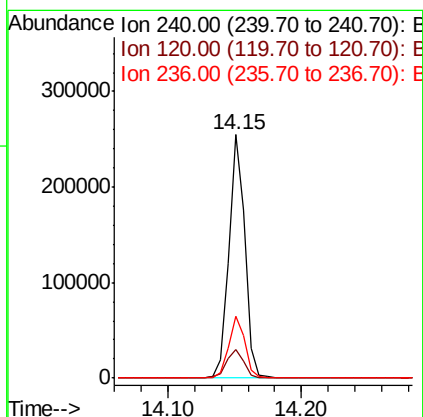
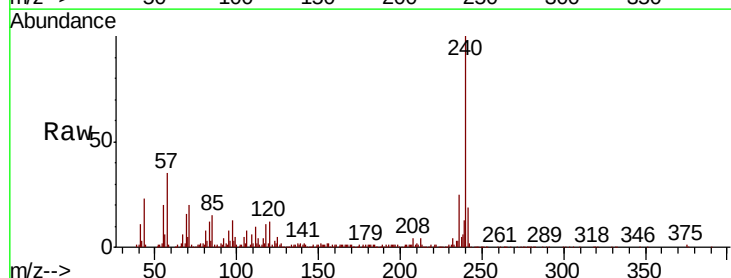
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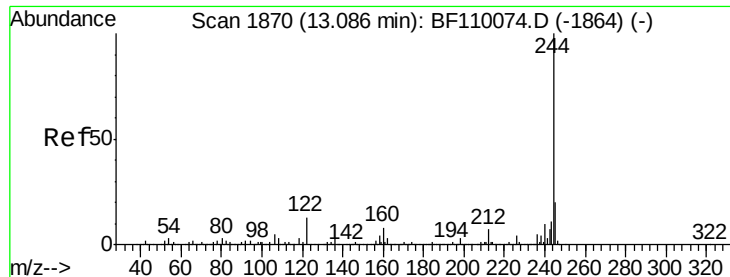
Tot Ion:188 Resp: 267031
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Tgt Ion:240 Resp: 216991
Ion Ratio Lower Upper
240 100
120 12.0 8.3 12.5
236 25.3 21.2 31.8

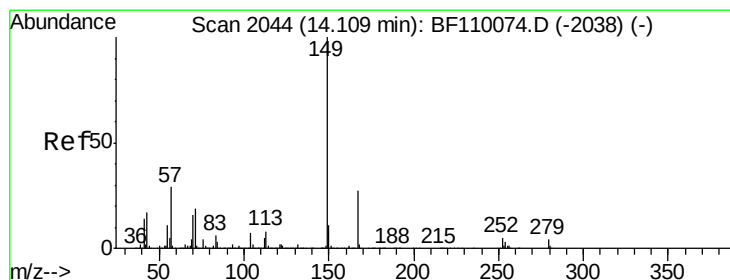
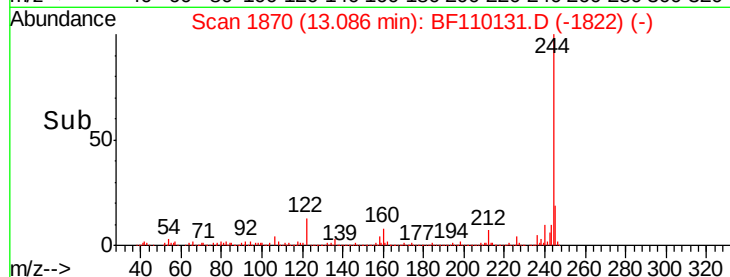
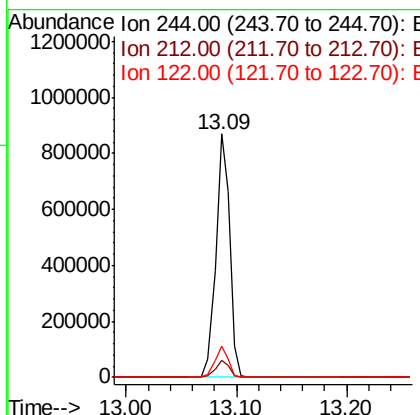
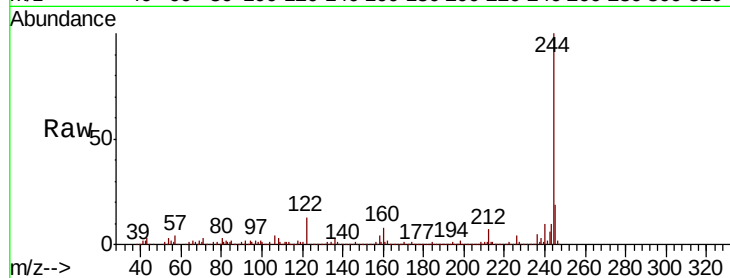




#79
 Terphenyl-d14
 Concen: 71.545 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110131.D
 Acq: 24 Oct 2018 23:36

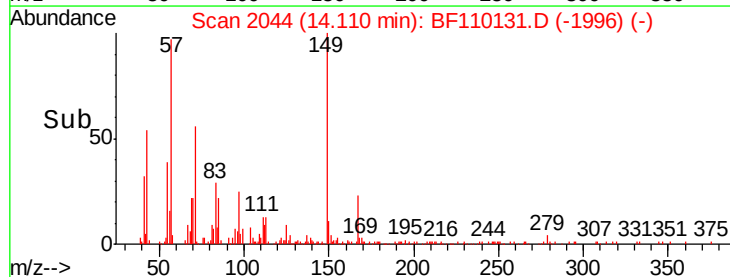
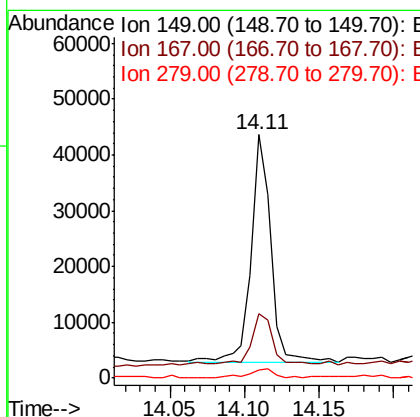
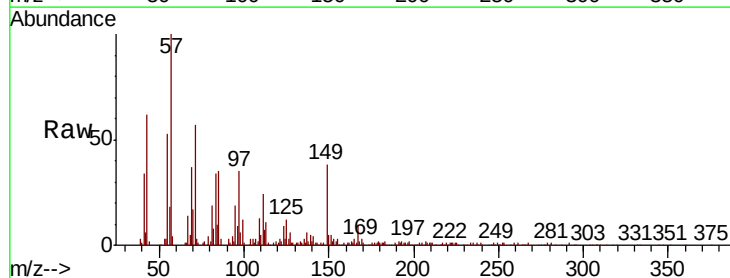
Instrument :
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 RB45914RT-GRAVEL

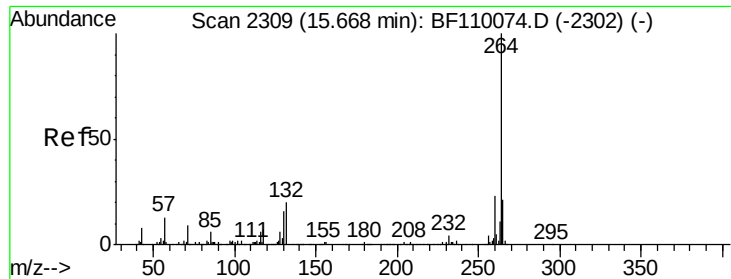
Tot Ion:244 Resp: 746484
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 13.0 8.7 13.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.038 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.02 min
 Lab File: BF110131.D
 Acq: 24 Oct 2018 23:36

Tgt Ion:149 Resp: 36859
 Ion Ratio Lower Upper
 149 100
 167 26.6 19.8 29.8
 279 3.6 2.7 4.1

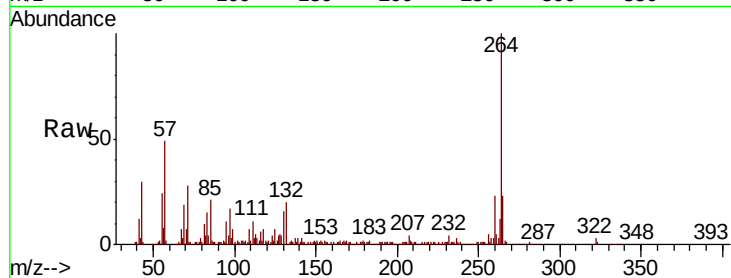




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Instrument :
BNA_F
ClientSampleId :
RB45914RT-GRAVEL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	23.3	16.7	25.1



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

