

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104471.D
 Acq On : 13 Apr 2018 00:17
 Operator : JU/SJ
 Sample : J2337-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-216-DEBRIS

Quant Time: Apr 13 01:39:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	116227	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	432530	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	163357	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	255912	20.00	ng	0.00
75) Chrysene-d12	13.98	240	220555	20.00	ng	-0.01
86) Perylene-d12	15.45	264	155873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	893697	117.57	ng	0.02
7) Phenol-d6	6.45	99	949081	101.62	ng	0.00
23) Nitrobenzene-d5	7.37	82	730708	110.31	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	223117	131.67	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1186889	114.78	ng	0.00
78) Terphenyl-d14	12.93	244	969891	100.26	ng	0.00

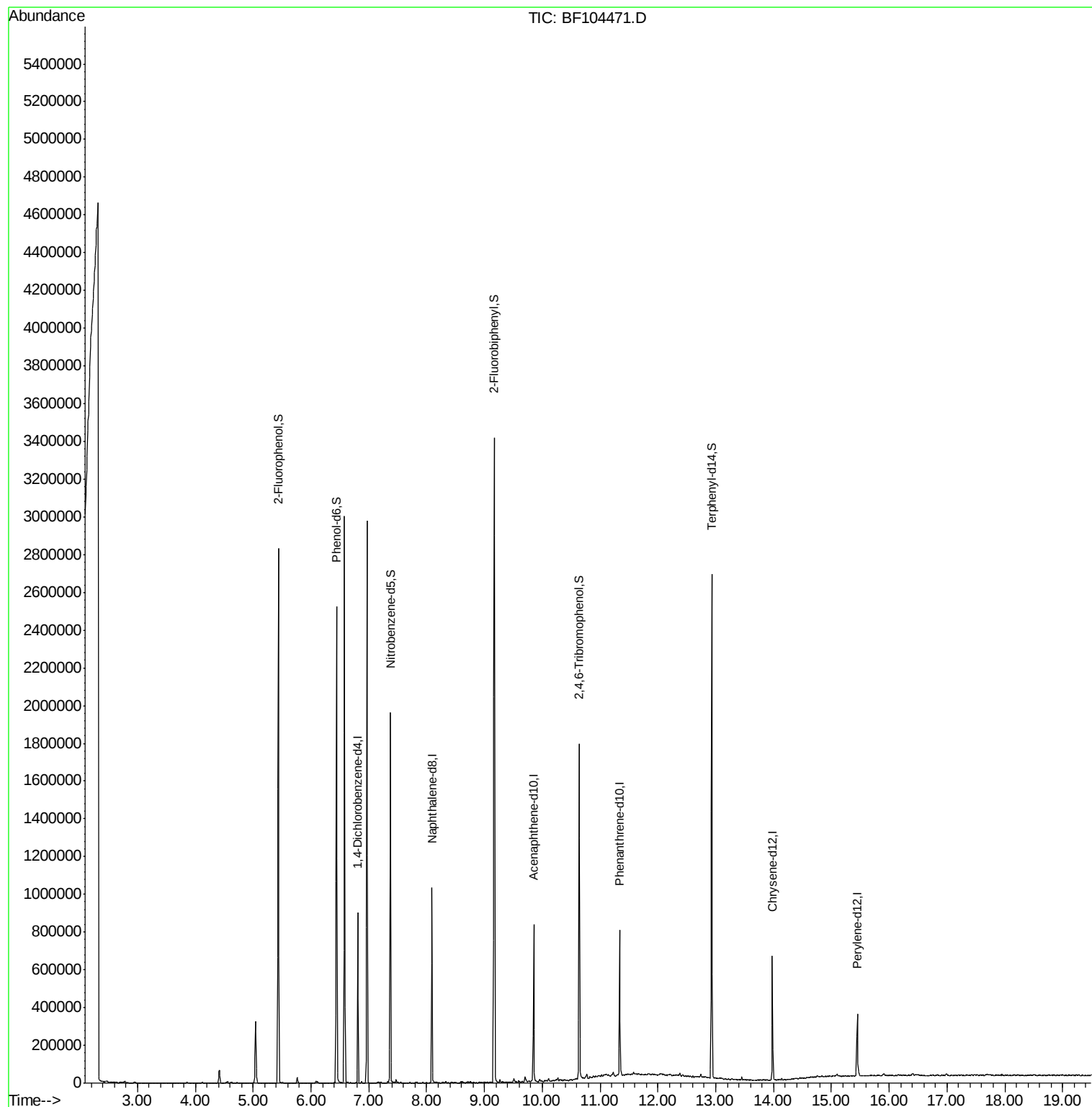
Target Compounds Qvalue

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

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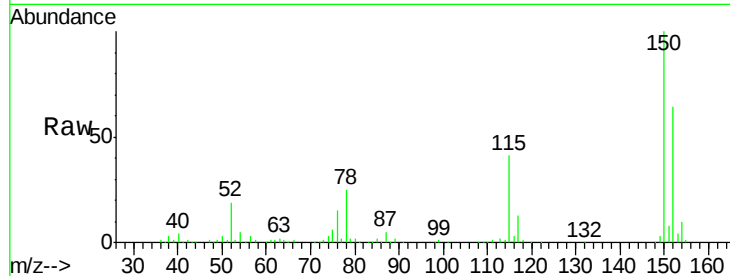


#1

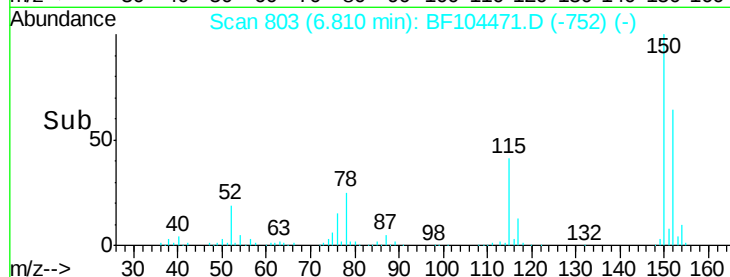
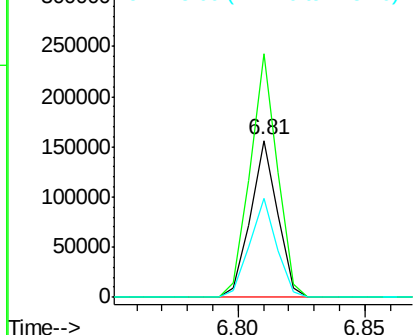
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104471.D
Acq: 13 Apr 2018 00:17

Instrument :
BNA_F
ClientSampleId :
VNJ-216-DEBRIS

Tot Ion:152 Resp: 116227
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 63.0 50.1 75.1



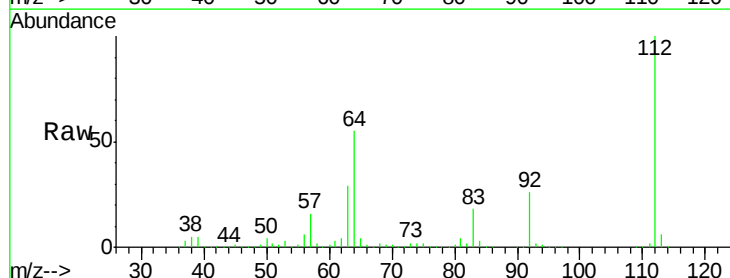
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



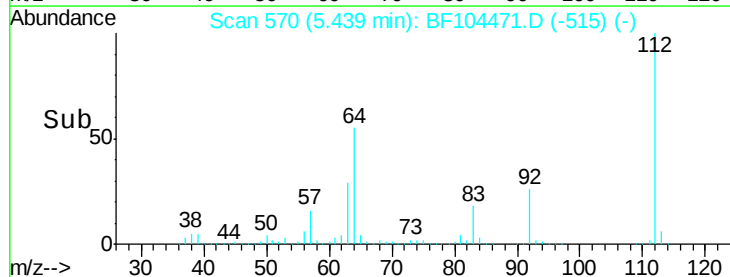
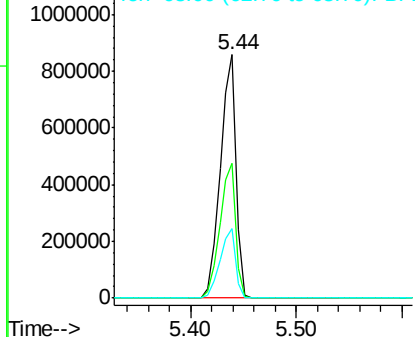
#5

2-Fluorophenol
Concen: 117.573 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF104471.D
Acq: 13 Apr 2018 00:17

Tgt Ion:112 Resp: 893697
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 28.7 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: 101.621 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104471.D

Acq: 13 Apr 2018 00:17

Instrument :

BNA_F

ClientSampleId :

VNJ-216-DEBRIS

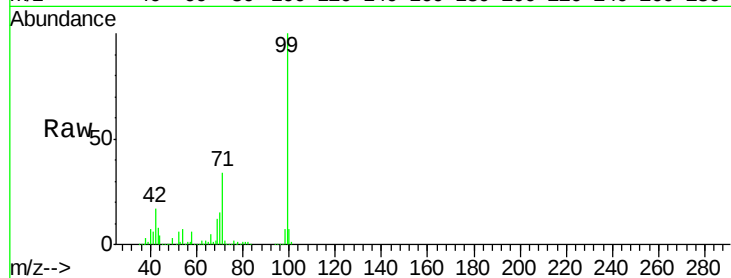
Tot Ion: 99 Resp: 949081

Ion Ratio Lower Upper

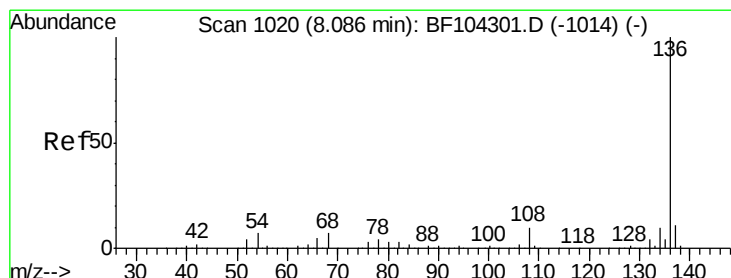
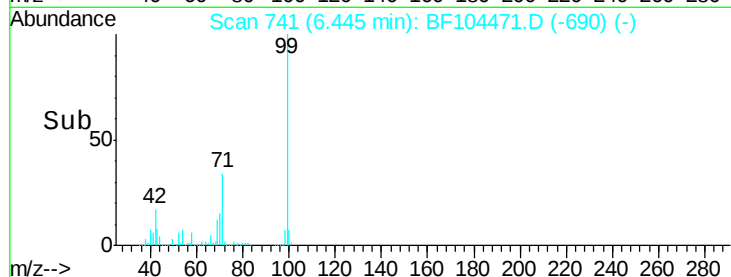
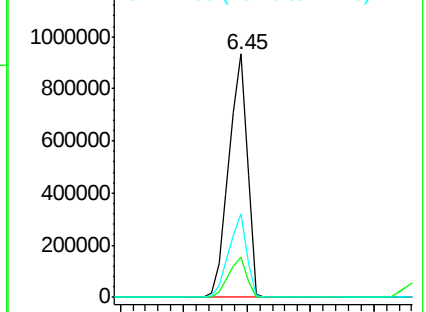
99 100

42 16.7 14.5 21.7

71 34.1 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104471.D

Acq: 13 Apr 2018 00:17

Tgt Ion: 136 Resp: 432530

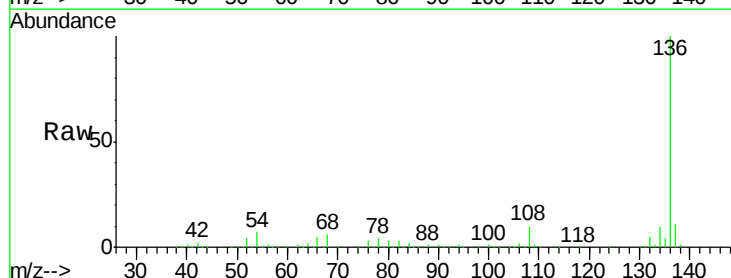
Ion Ratio Lower Upper

136 100

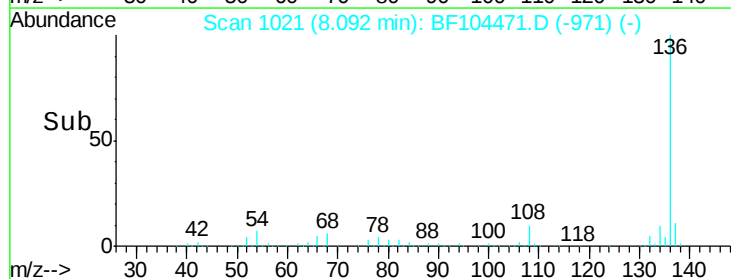
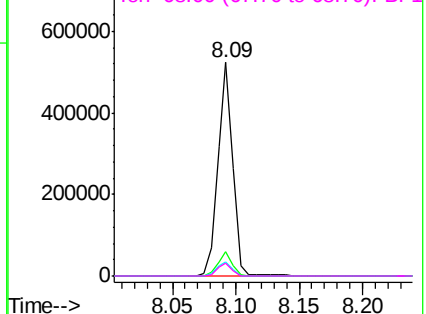
137 11.3 8.9 13.3

54 6.9 6.6 9.8

68 6.0 5.0 7.4



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

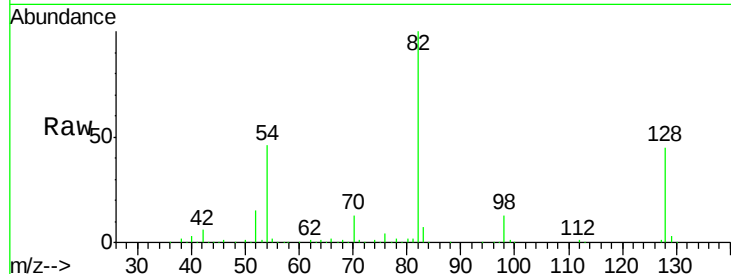




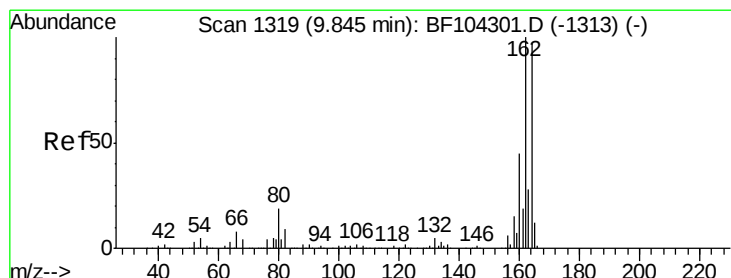
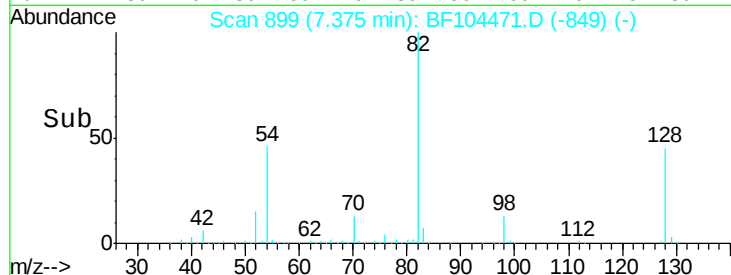
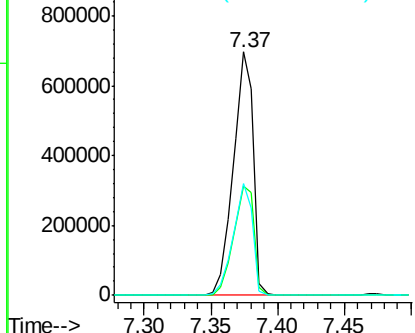
#23
 Nitrobenzene-d5
 Concen: 110.313 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104471.D
 Acq: 13 Apr 2018 00:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-216-DEBRIS

Tot Ion: 82 Resp: 730708
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 46.1 41.4 62.2

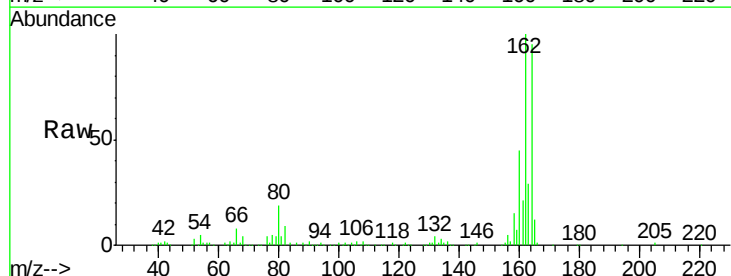


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

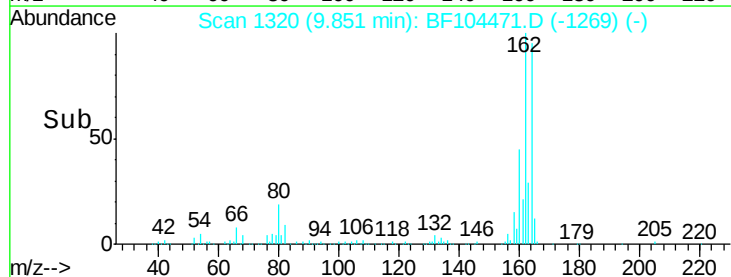
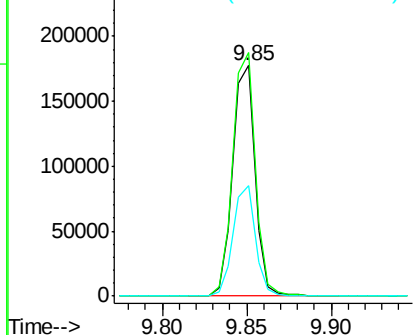


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF104471.D
 Acq: 13 Apr 2018 00:17

Tgt Ion:164 Resp: 163357
 Ion Ratio Lower Upper
 164 100
 162 105.5 86.1 129.1
 160 47.7 38.3 57.5



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

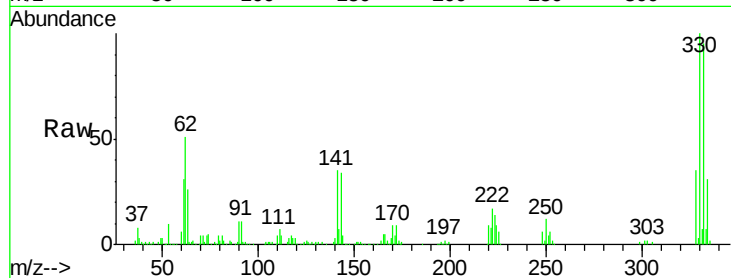




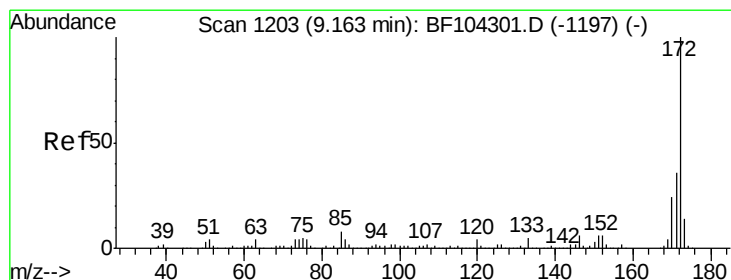
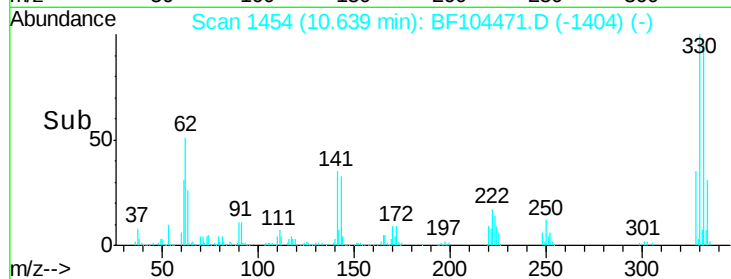
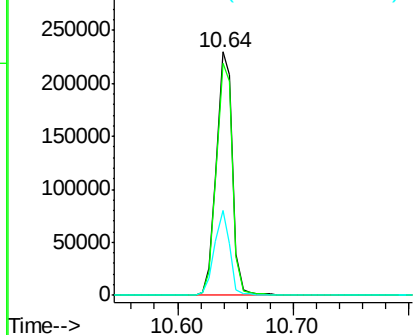
#41
 2,4,6-Tribromophenol
 Concen: 131.668 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104471.D
 Acq: 13 Apr 2018 00:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-216-DEBRIS

Tot Ion:330 Resp: 223117
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 32.8 29.9 44.9

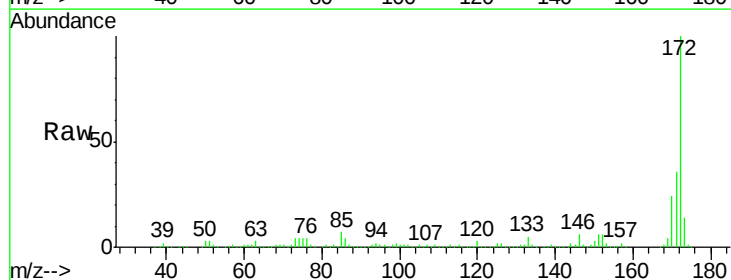


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

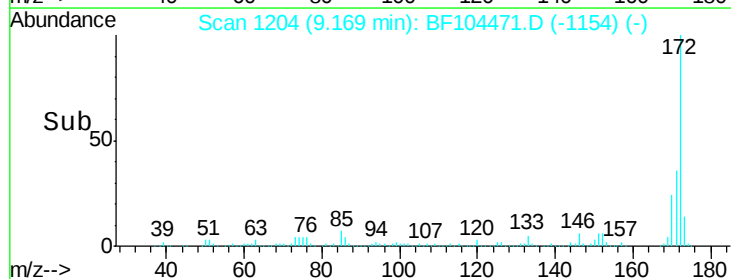
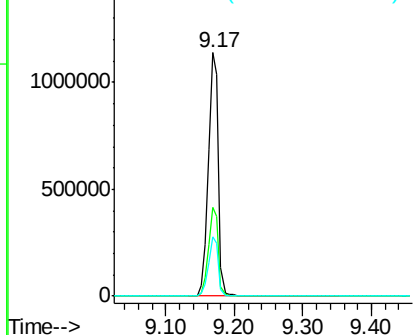


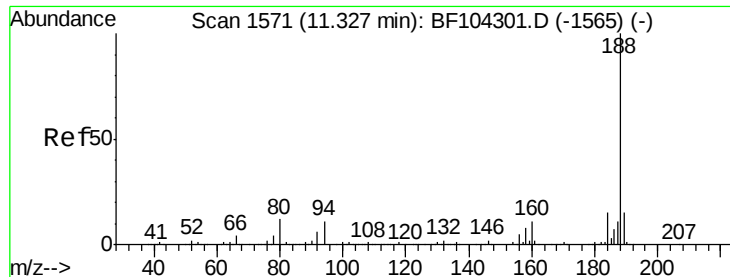
#44
 2-Fluorobiphenyl
 Concen: 114.779 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104471.D
 Acq: 13 Apr 2018 00:17

Tgt Ion:172 Resp: 1186889
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.3 19.6 29.4



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

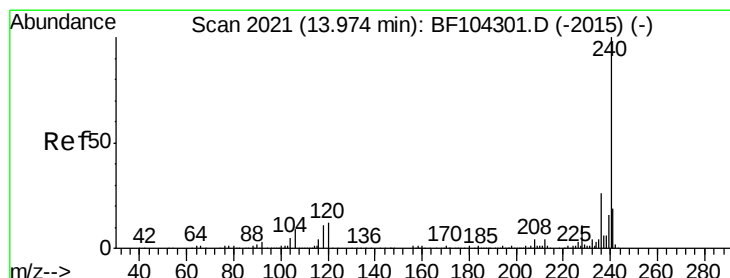
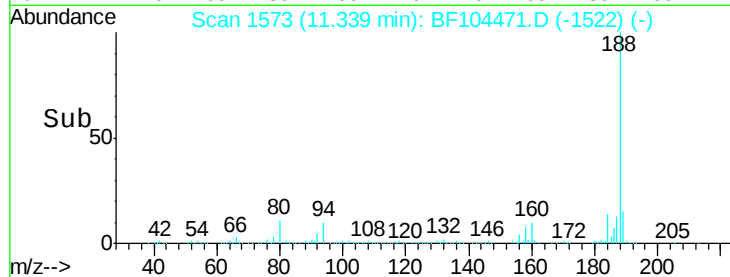
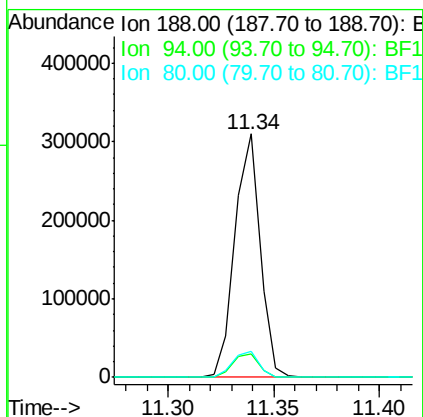
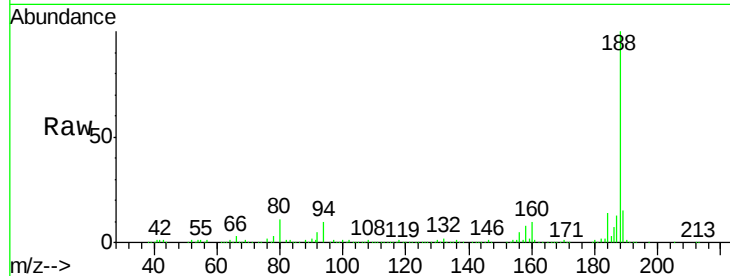




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF104471.D
 Acq: 13 Apr 2018 00:17

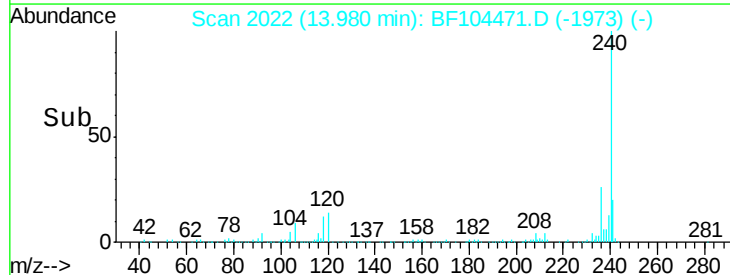
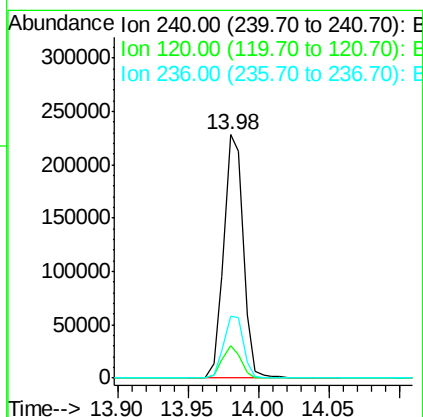
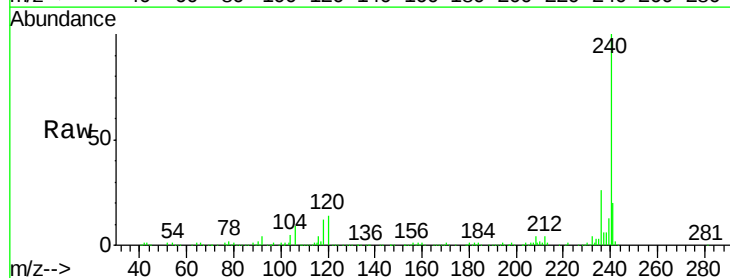
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-216-DEBRIS

Tot Ion:188 Resp: 255912
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 10.7 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104471.D
 Acq: 13 Apr 2018 00:17

Tgt Ion:240 Resp: 220555
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.5 14.3
 236 25.6 20.7 31.1

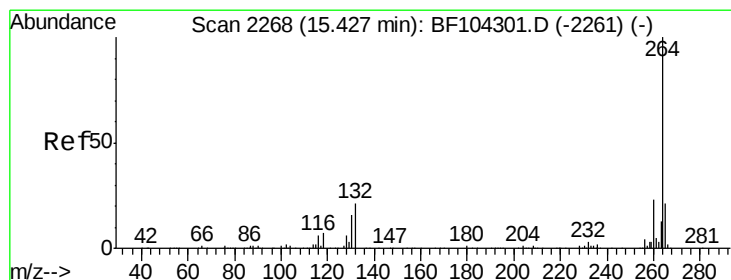
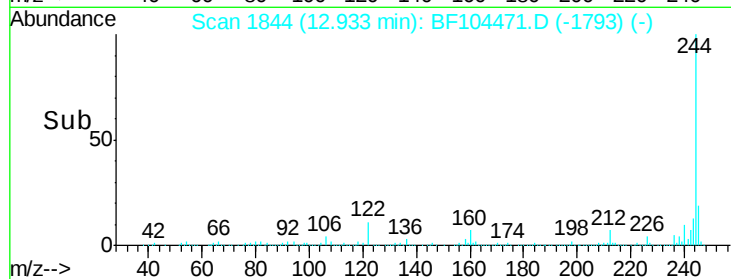
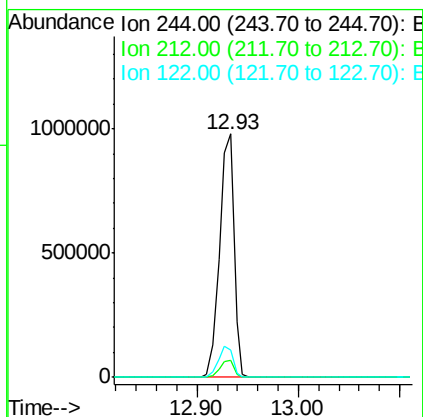
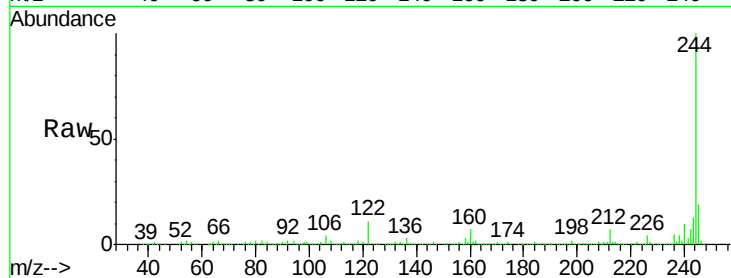




#78
 Terphenyl-d14
 Concen: 100.256 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF104471.D
 Acq: 13 Apr 2018 00:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-216-DEBRIS

Tot Ion:244 Resp: 969891
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104471.D
 Acq: 13 Apr 2018 00:17

Tgt Ion:264 Resp: 155873
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.6 17.5 26.3

