

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003471.D
 Acq On : 09 Nov 2018 14:40
 Operator : MJ/SJ
 Sample : PB114663BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB114663BL

Quant Time: Nov 12 03:33:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 07 08:25:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	136536	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	568514	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	333730	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	695883	20.00	ng	0.00
76) Chrysene-d12	21.40	240	598849	20.00	ng	0.00
87) Perylene-d12	23.72	264	637104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	763324	97.37	ng	0.00
7) Phenol-d6	7.01	99	1003181	90.00	ng	0.00
23) Nitrobenzene-d5	9.02	82	567454	57.24	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	439227	97.74	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1576432	64.07	ng	0.00
79) Terphenyl-d14	19.84	244	1907551	68.12	ng	0.00

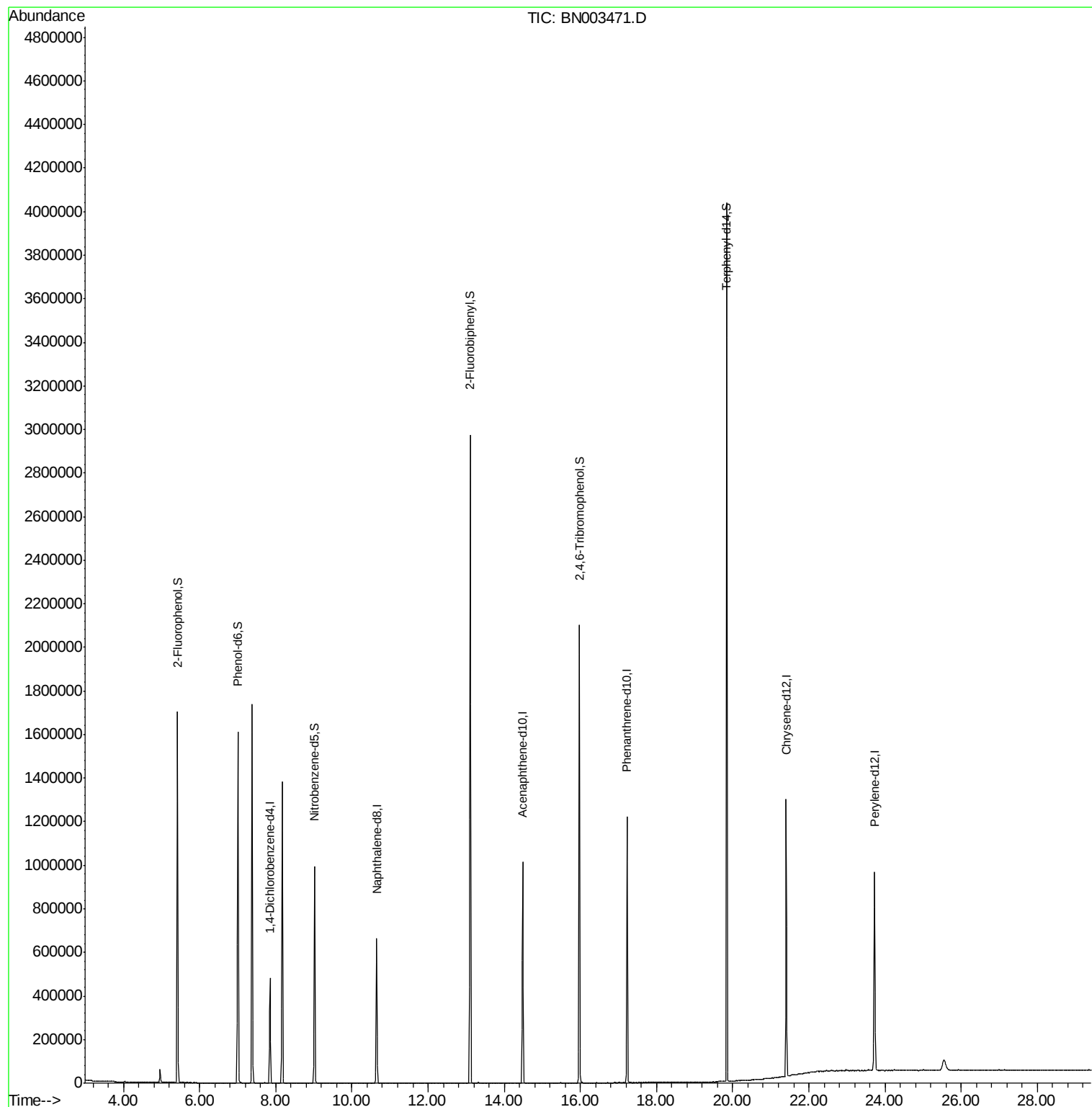
Target Compounds Qvalue

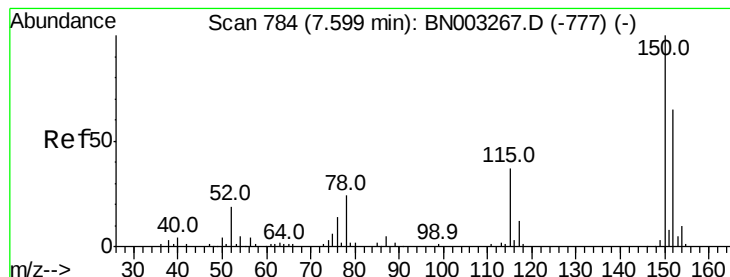
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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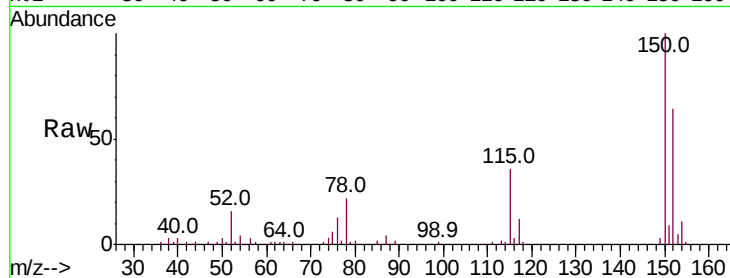


#1

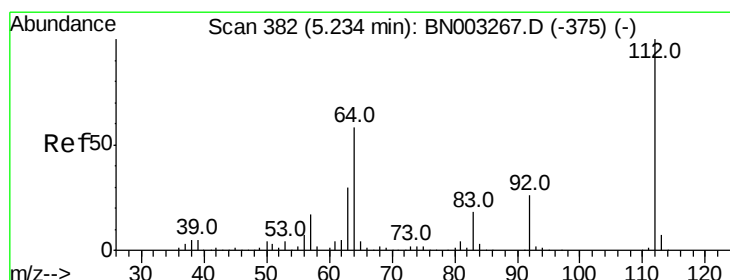
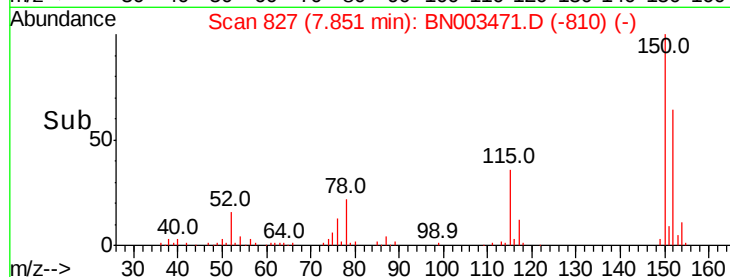
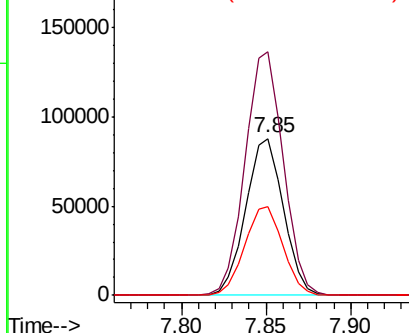
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN003471.D
Acq: 09 Nov 2018 14:40

Instrument :
BNA_N
ClientSampleId :
PB114663BL

Tot Ion:152 Resp: 136536
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.8
115 56.4 45.9 68.9



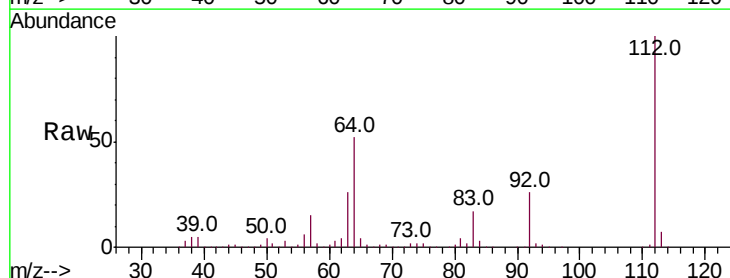
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



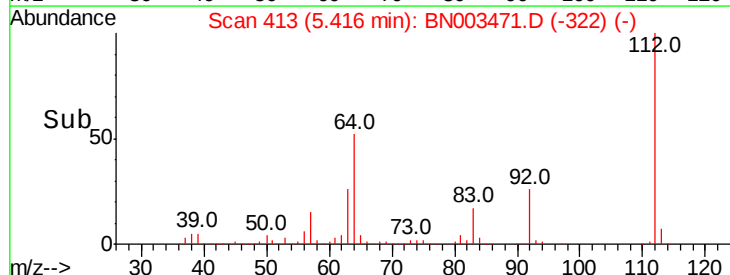
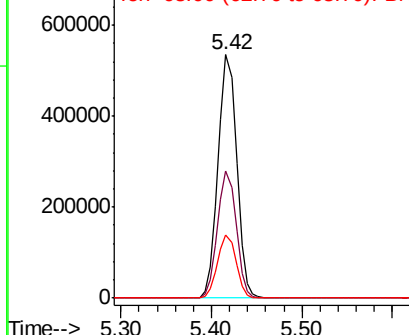
#5

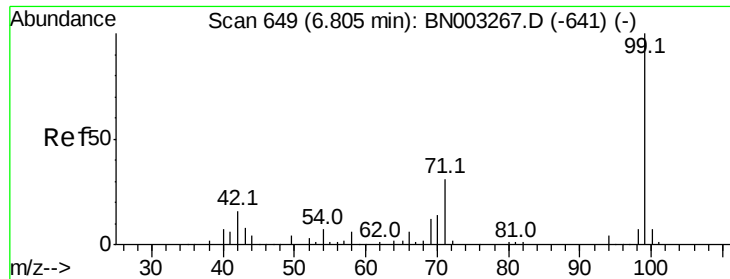
2-Fluorophenol
Concen: 97.375 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003471.D
Acq: 09 Nov 2018 14:40

Tgt Ion:112 Resp: 763324
Ion Ratio Lower Upper
112 100
64 52.4 46.6 69.8
63 25.9 23.8 35.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#7

Phenol-d6

Concen: 89.998 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.00 min

Lab File: BN003471.D

Acq: 09 Nov 2018 14:40

Instrument :

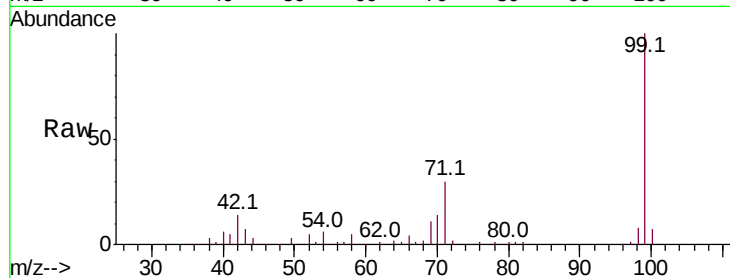
BNA_N

ClientSampleId :

PB114663BL

Tot Ion: 99 Resp: 1003181

Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.0	19.6
71	30.2	24.5	36.7

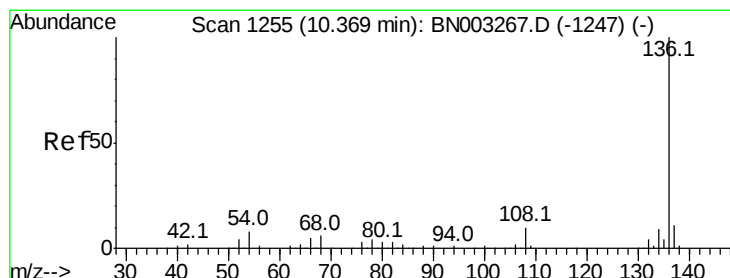
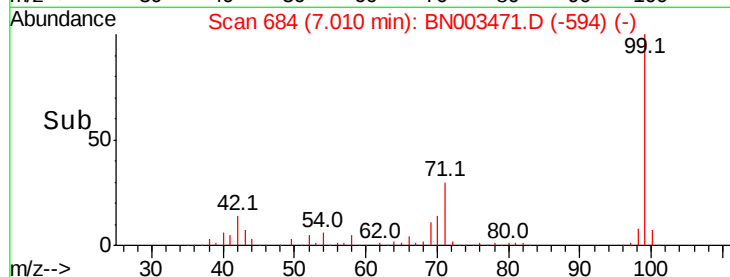
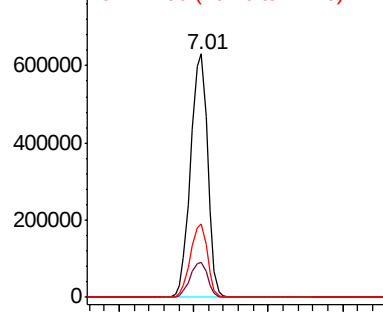


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.65 min Scan# 1302

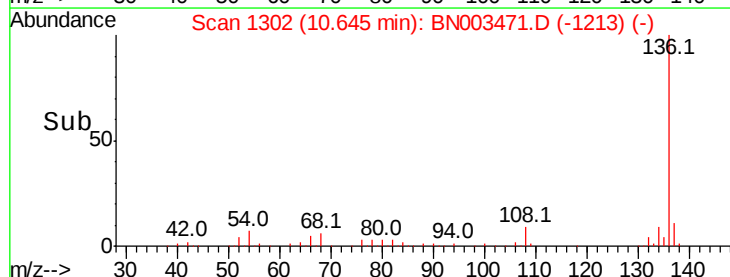
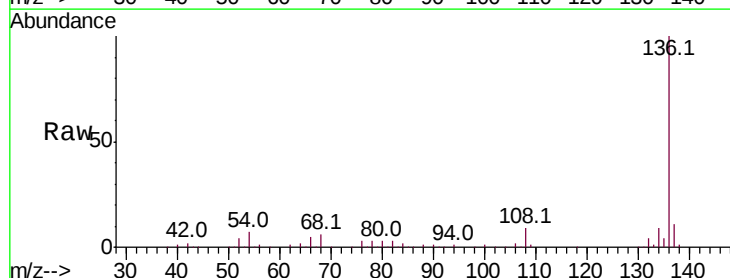
Delta R.T. -0.01 min

Lab File: BN003471.D

Acq: 09 Nov 2018 14:40

Tgt Ion: 136 Resp: 568514

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.2	6.6	10.0
68	6.0	4.6	7.0



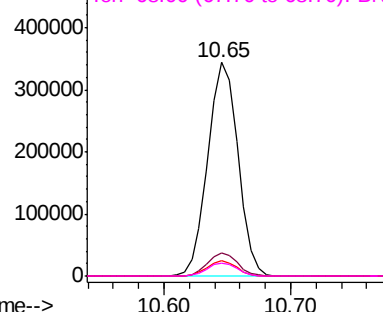
Abundance

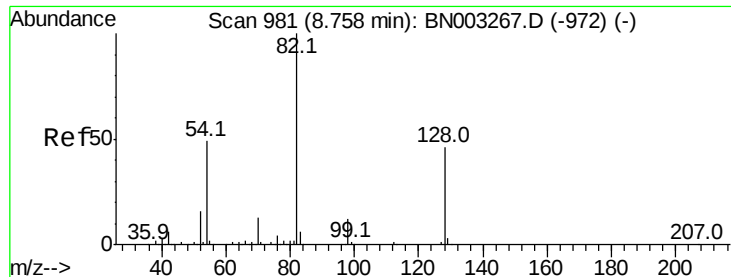
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0

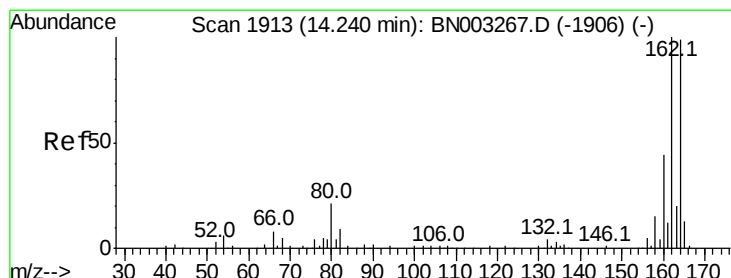
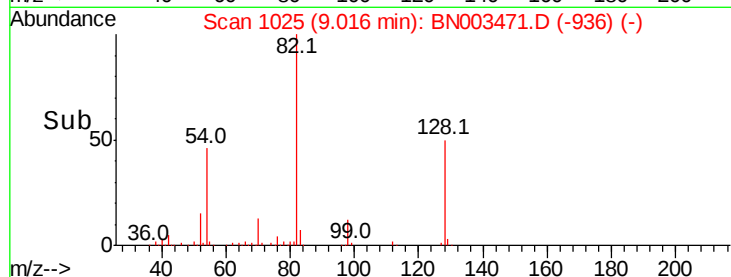
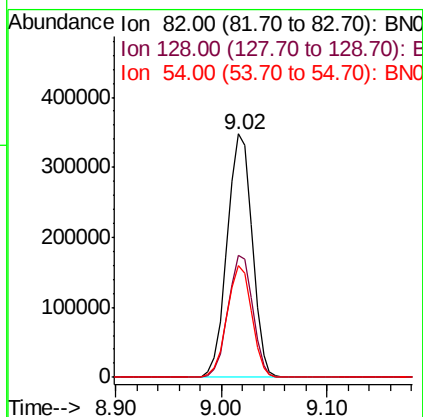
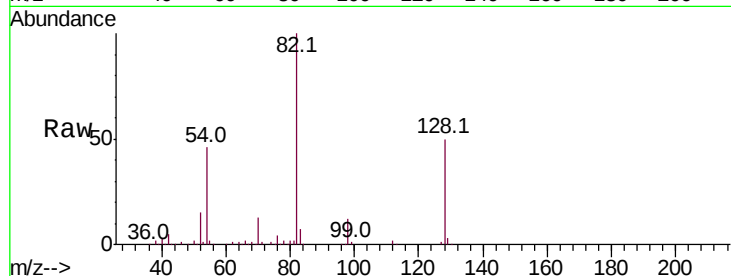




#23
Nitrobenzene-d5
Concen: 57.242 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003471.D
Acq: 09 Nov 2018 14:40

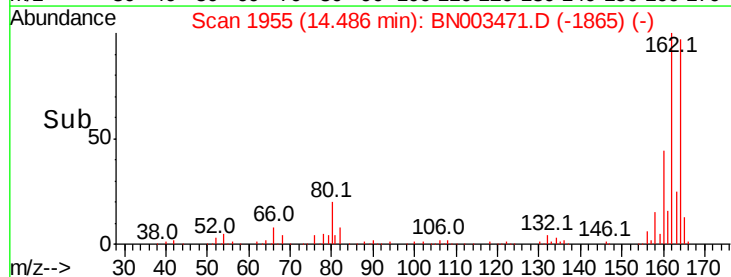
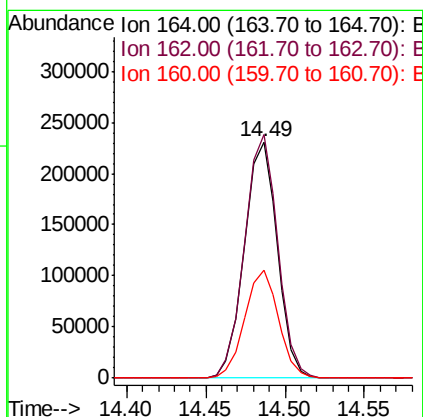
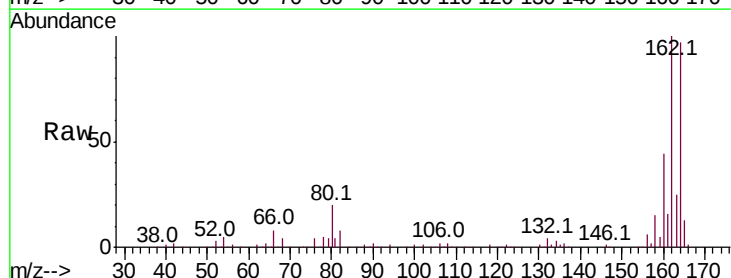
Instrument :
BNA_N
ClientSampleId :
PB114663BL

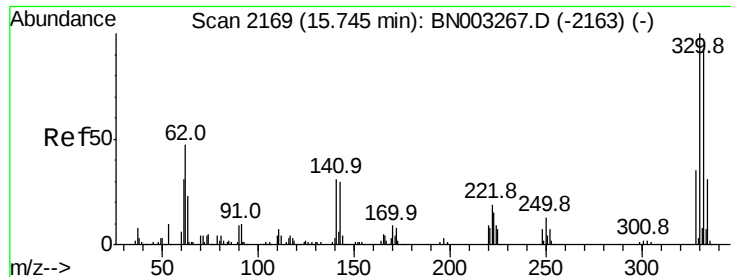
Tot Ion: 82 Resp: 567454
Ion Ratio Lower Upper
82 100
128 49.9 37.1 55.7
54 45.9 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BN003471.D
Acq: 09 Nov 2018 14:40

Tgt Ion: 164 Resp: 333730
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 45.5 35.5 53.3

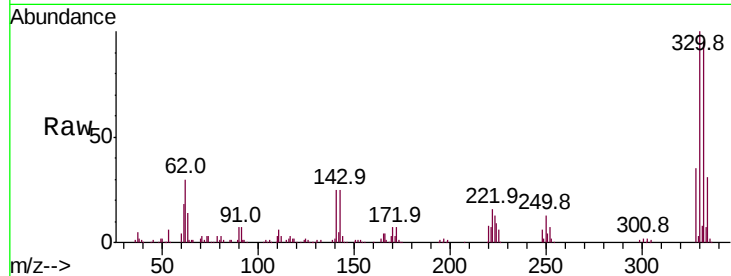




#42
 2,4,6-Tribromophenol
 Concen: 97.741 ng
 RT: 15.97 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BN003471.D
 Acq: 09 Nov 2018 14:40

Instrument :
 BNA_N
 ClientSampleId :
 PB114663BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	27.1	24.5	36.7

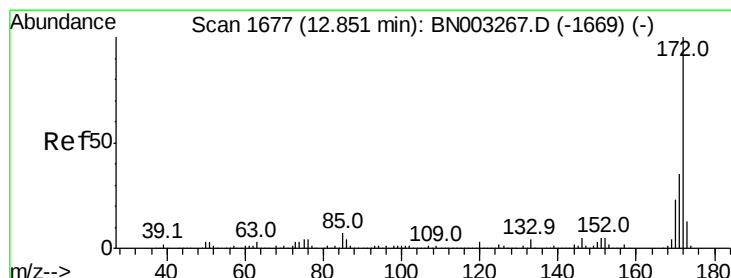
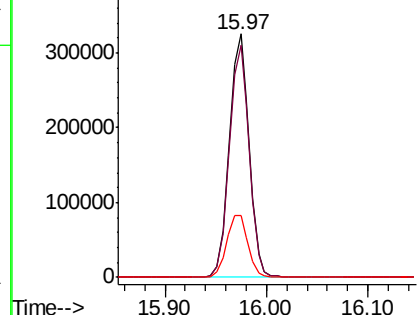
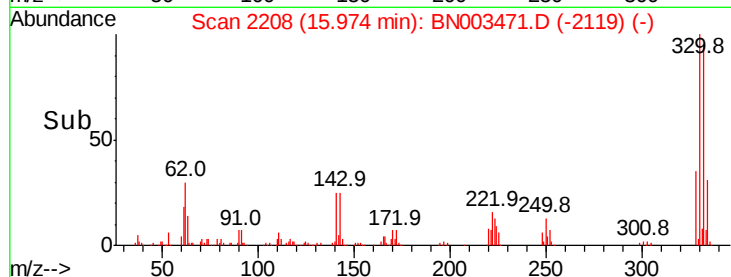


Abundance

Ion 329.80 (329.50 to 330.50): E

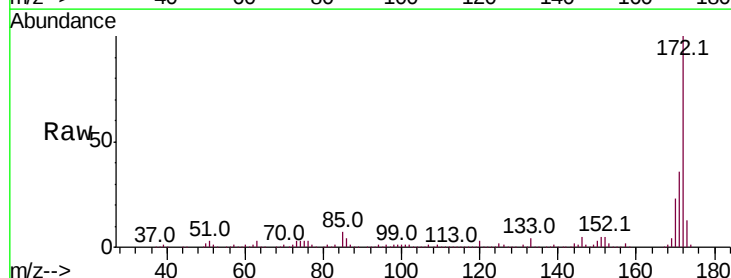
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.073 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BN003471.D
 Acq: 09 Nov 2018 14:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.4
170	23.4	18.4	27.6

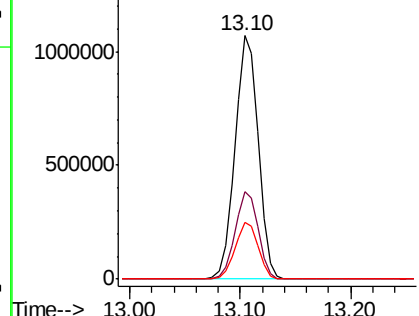
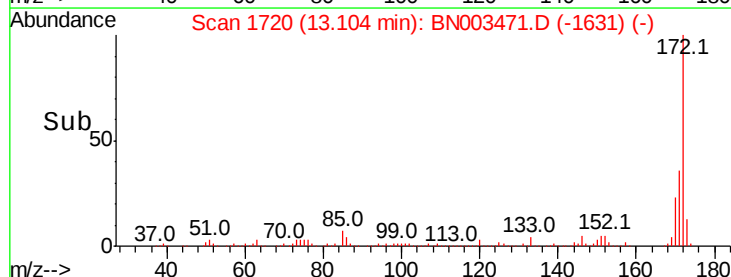


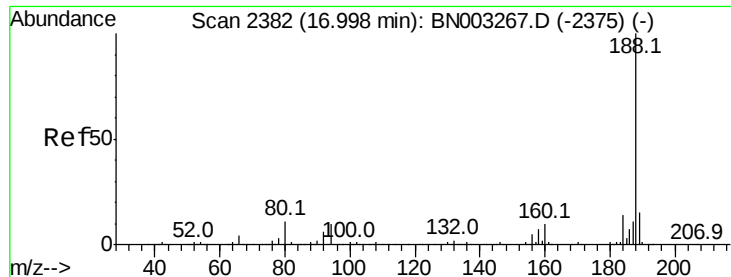
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.23 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BN003471.D

Acq: 09 Nov 2018 14:40

Instrument :

BNA_N

ClientSampleId :

PB114663BL

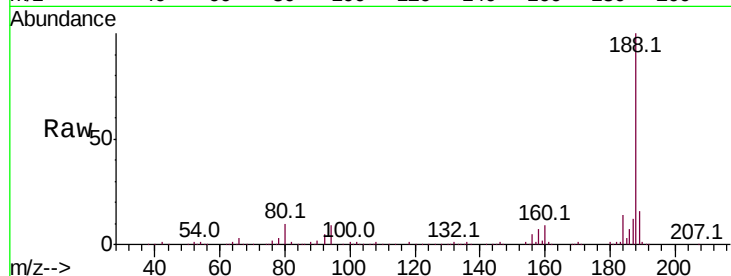
Tot Ion:188 Resp: 695883

Ion Ratio Lower Upper

188 100

94 9.4 8.1 12.1

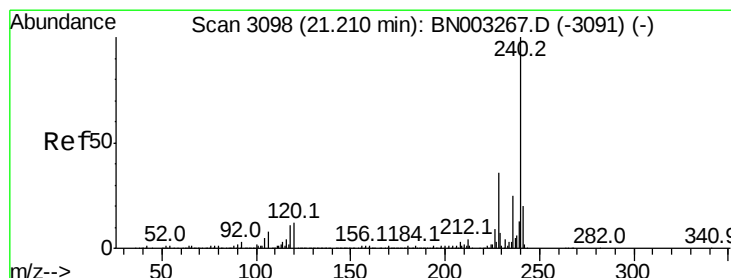
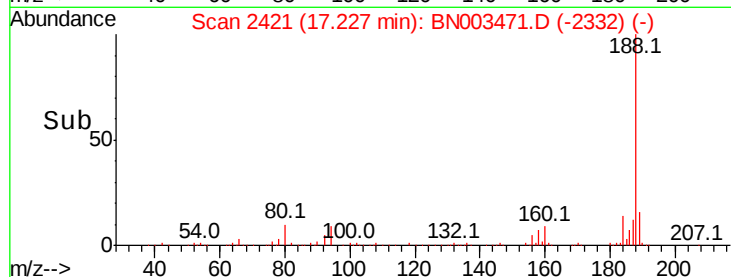
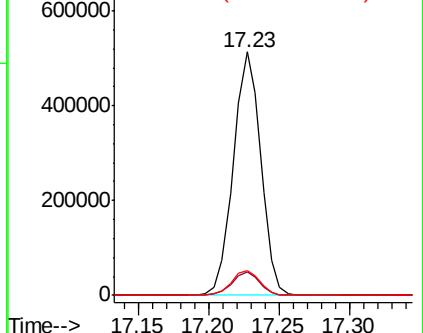
80 10.4 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.40 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BN003471.D

Acq: 09 Nov 2018 14:40

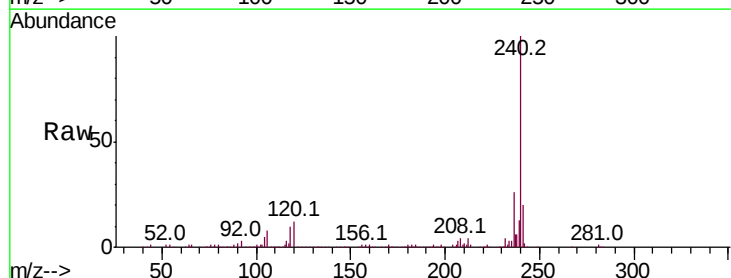
Tgt Ion:240 Resp: 598849

Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.0

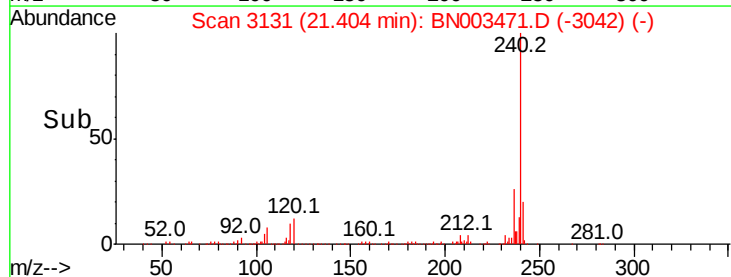
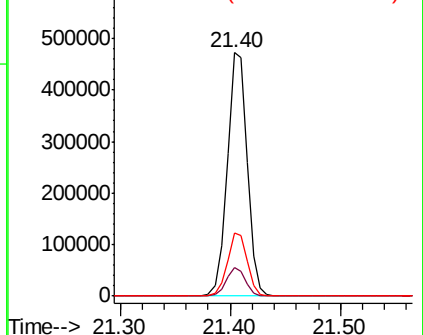
236 25.7 20.3 30.5

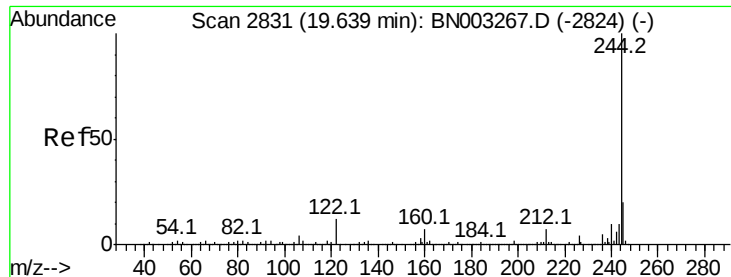


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.120 ng

RT: 19.84 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003471.D

Acq: 09 Nov 2018 14:40

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PB114663BL

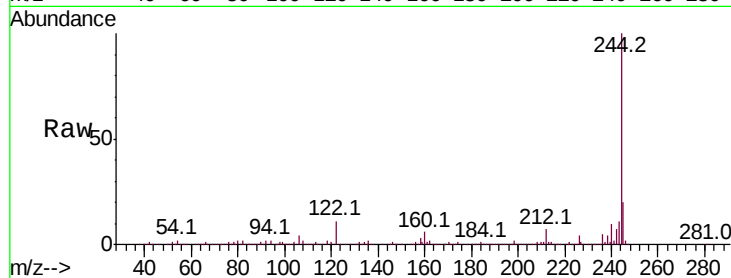
Tot Ion:244 Resp: 1907551

Ion Ratio Lower Upper

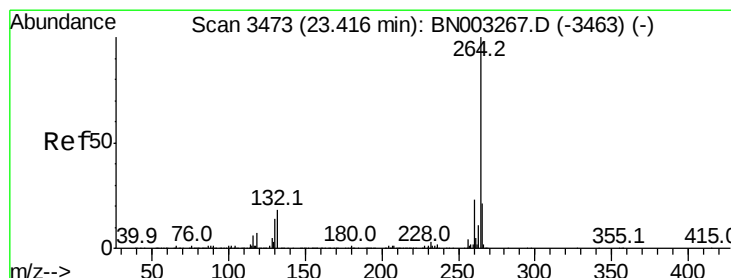
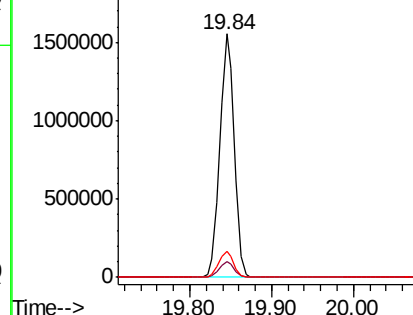
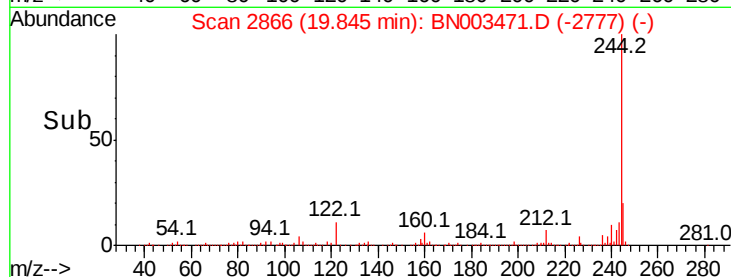
244 100

212 6.6 5.4 8.0

122 10.7 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.72 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BN003471.D

Acq: 09 Nov 2018 14:40

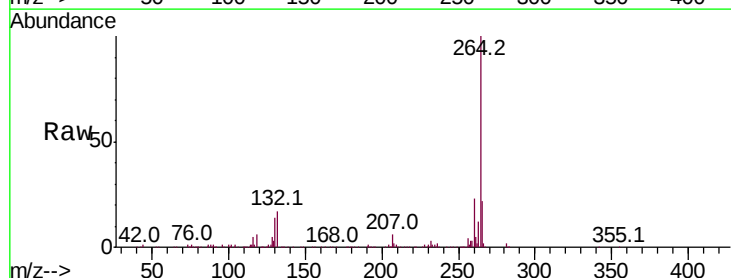
Tgt Ion:264 Resp: 637104

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 21.5 16.6 25.0



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

