

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN083019\
 Data File : BN007521.D
 Acq On : 30 Aug 2019 13:38
 Operator : HP/JU
 Sample : PB122692BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122692BL

Quant Time: Aug 31 11:49:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 12:18:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	6135	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	25363	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	16462	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	38370	0.40	ng	0.00
27) Chrysene-d12	21.02	240	35652	0.40	ng	0.00
34) Perylene-d12	23.12	264	31819	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	6928	0.32	ng	0.00
5) Phenol-d6	6.59	99	8327	0.30	ng	0.00
8) Nitrobenzene-d5	8.53	82	6124	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	15004	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2681	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.65	172	20297	0.31	ng	0.00
25) Fluoranthene-d10	18.83	212	42102	0.34	ng	-0.01
29) Terphenyl-d14	19.46	244	33221	0.36	ng	-0.01

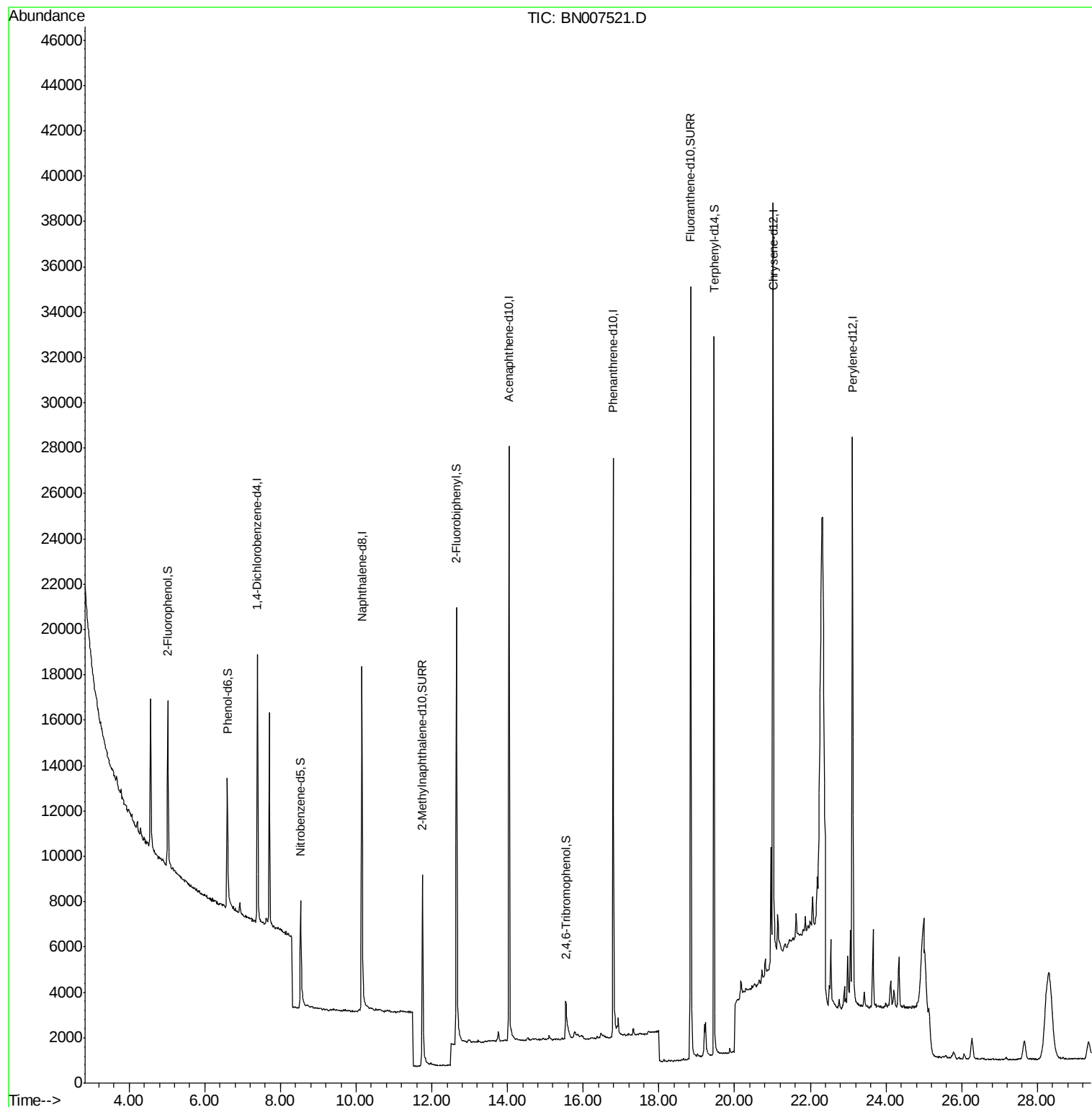
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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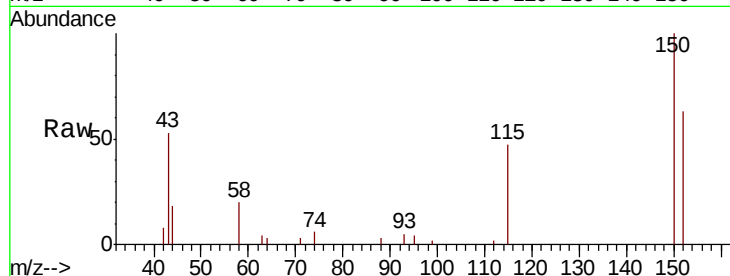


#1

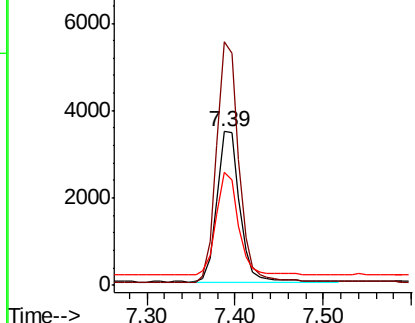
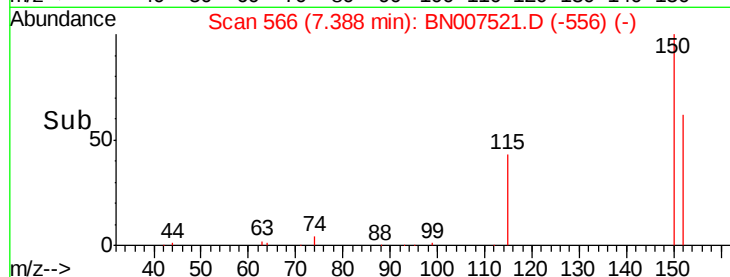
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007521.D
Acq: 30 Aug 2019 13:38

Instrument :
BNA_N
ClientSampleId :
PB122692BL

Tot Ion:152 Resp: 6135
Ion Ratio Lower Upper
152 100
150 158.7 109.1 163.7
115 73.9 59.6 89.4



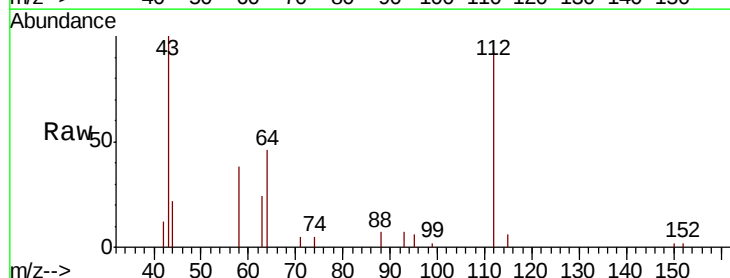
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



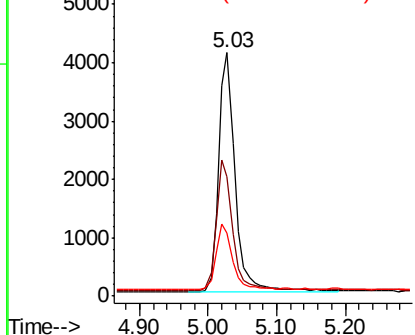
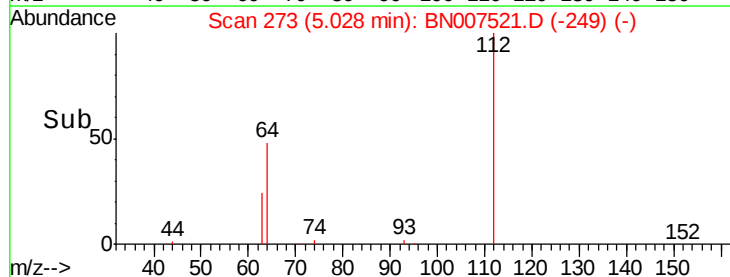
#4

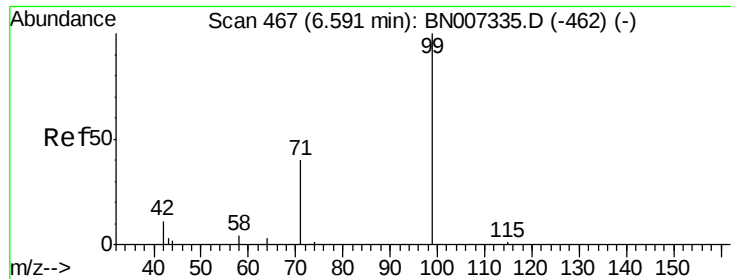
2-Fluorophenol
Concen: 0.320 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007521.D
Acq: 30 Aug 2019 13:38

Tgt Ion:112 Resp: 6928
Ion Ratio Lower Upper
112 100
64 54.4 42.3 63.5
63 27.0 23.6 35.4



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





#5

Phenol-d6

Concen: 0.300 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007521.D

Acq: 30 Aug 2019 13:38

Instrument :

BNA_N

ClientSampleId :

PB122692BL

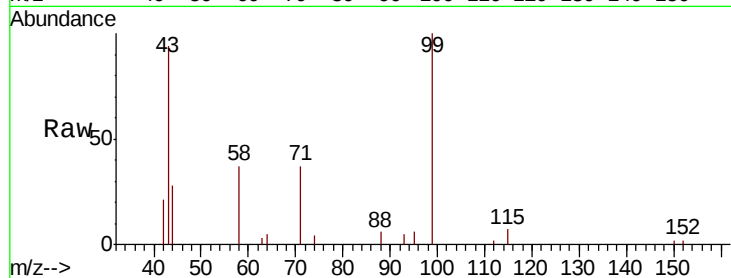
Tot Ion: 99 Resp: 8327

Ion Ratio Lower Upper

99 100

42 12.6 11.2 16.8

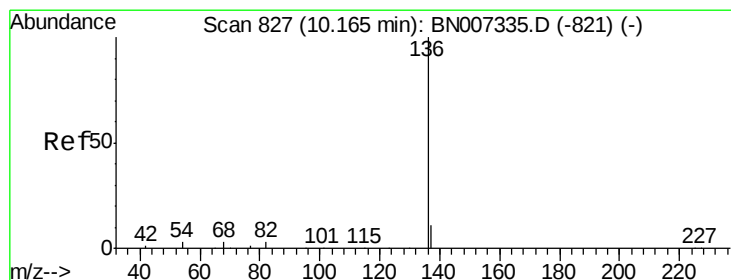
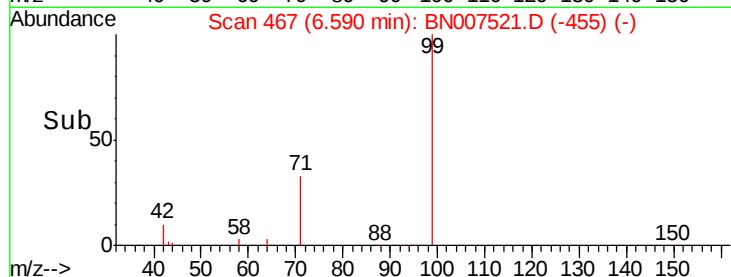
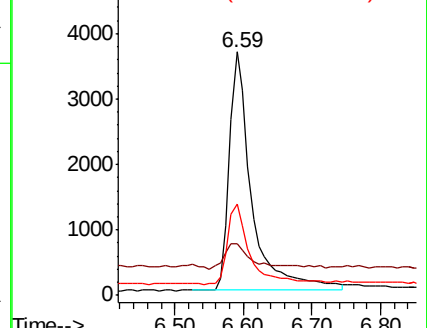
71 33.7 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007335.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007335.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007335.D (-462) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007521.D

Acq: 30 Aug 2019 13:38

Tgt Ion: 136 Resp: 25363

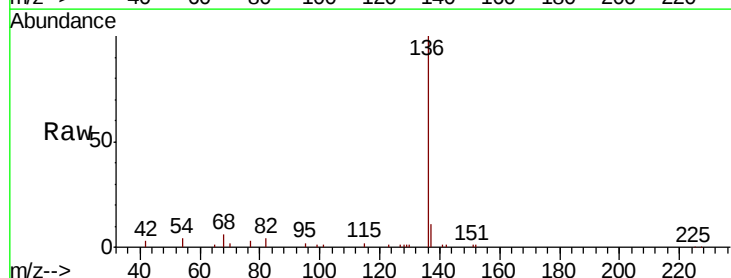
Ion Ratio Lower Upper

136 100

137 11.2 12.9 19.3#

54 4.3 8.6 12.8#

68 6.4 17.0 25.4#

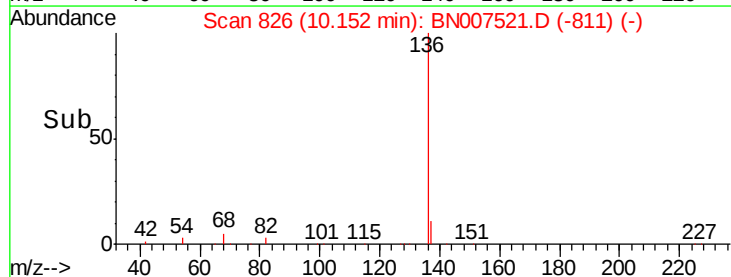
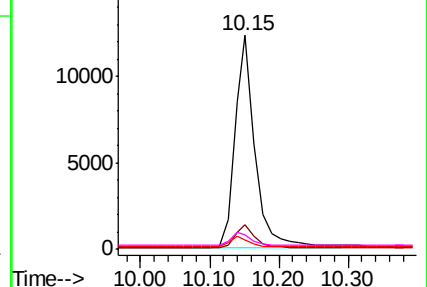


Abundance Ion 136.00 (135.70 to 136.70): BN007335.D (-821) (-)

Ion 137.00 (136.70 to 137.70): BN007335.D (-821) (-)

Ion 54.00 (53.70 to 54.70): BN007335.D (-821) (-)

Ion 68.00 (67.70 to 68.70): BN007335.D (-821) (-)

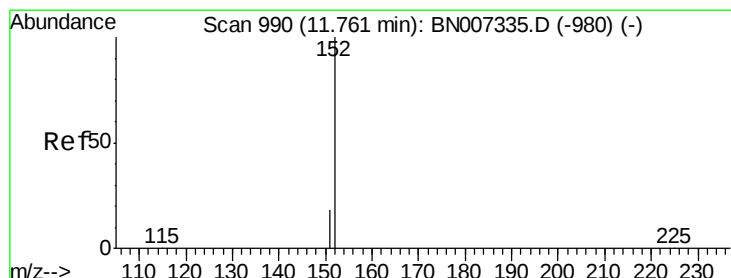
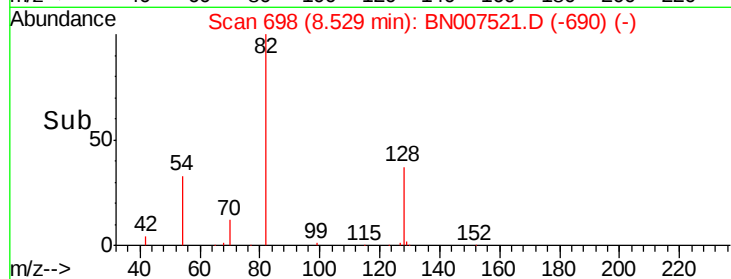
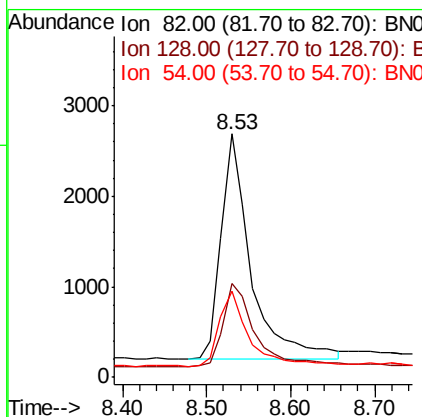
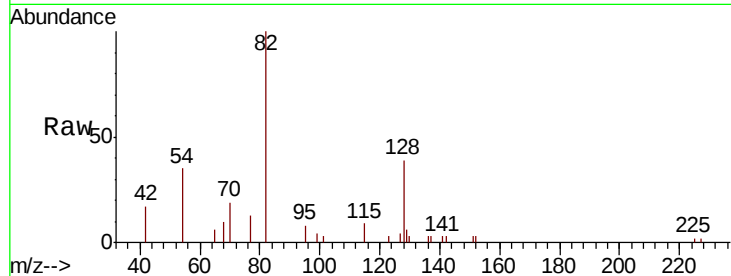




#8
 Nitrobenzene-d5
 Concen: 0.277 ng
 RT: 8.53 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BN007521.D
 Acq: 30 Aug 2019 13:38

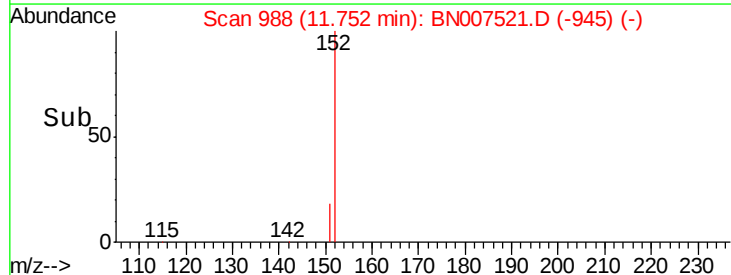
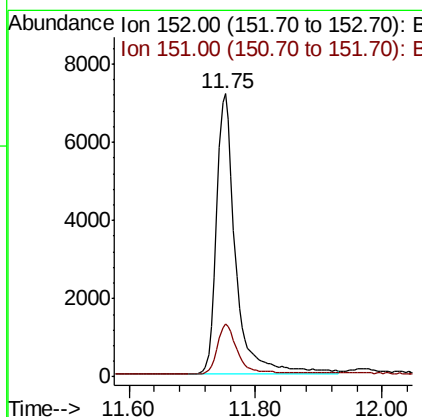
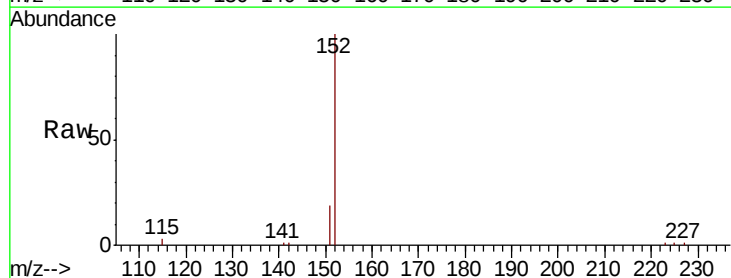
Instrument :
 BNA_N
 ClientSampleId :
 PB122692BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.7	19.7	29.5#
54	35.2	25.8	38.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.356 ng
 RT: 11.75 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BN007521.D
 Acq: 30 Aug 2019 13:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.2	24.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN007521.D

Acq: 30 Aug 2019 13:38

Instrument :

BNA_N

ClientSampleId :

PB122692BL

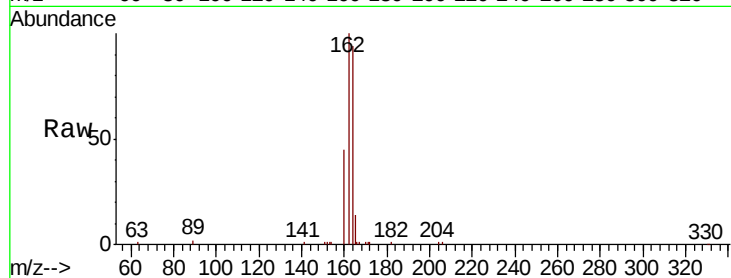
Tot Ion:164 Resp: 16462

Ion Ratio Lower Upper

164 100

162 106.3 83.5 125.3

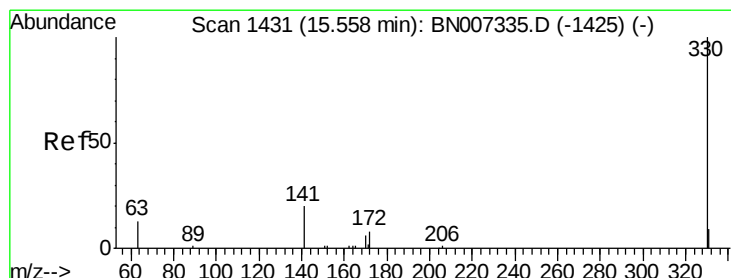
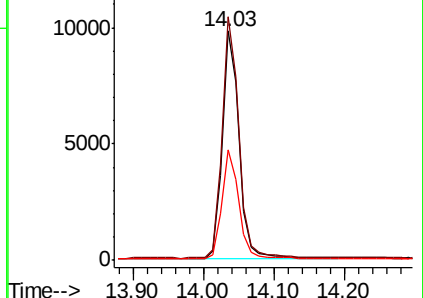
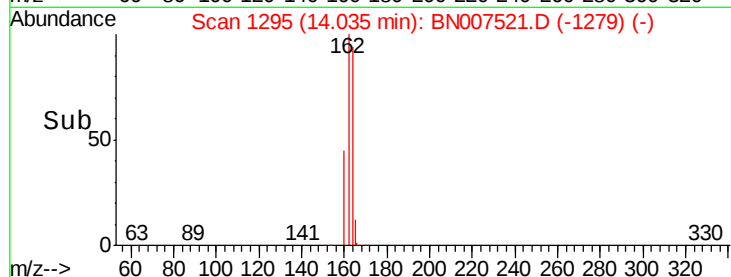
160 48.0 38.2 57.4



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



#14

2,4,6-Tribromophenol

Concen: 0.311 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007521.D

Acq: 30 Aug 2019 13:38

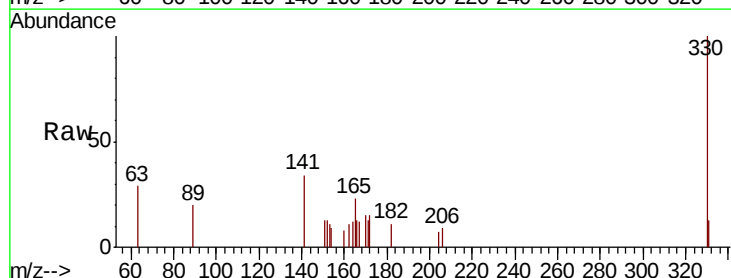
Tgt Ion:330 Resp: 2681

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

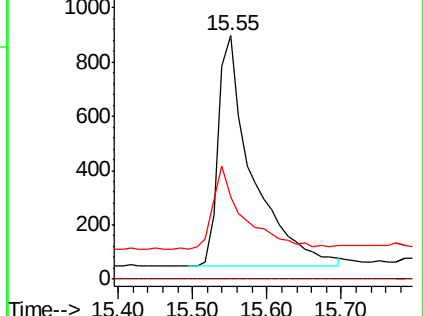
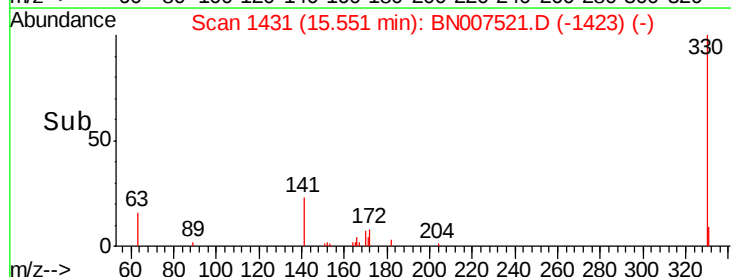
141 32.7 26.9 40.3



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

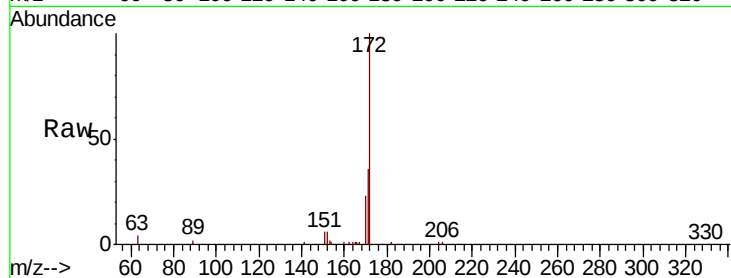




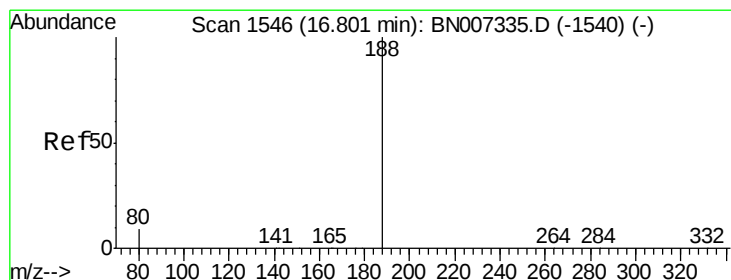
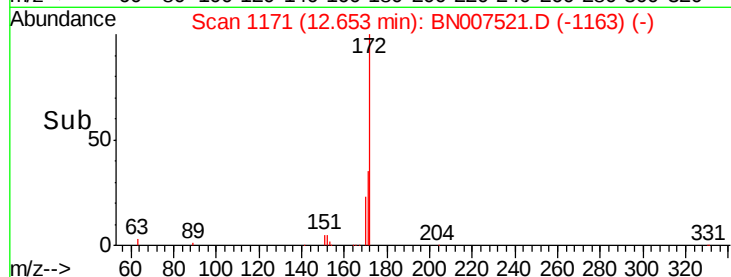
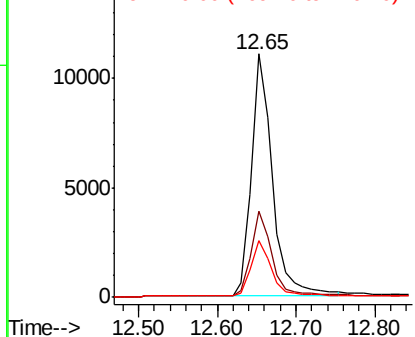
#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007521.D
Acq: 30 Aug 2019 13:38

Instrument :
BNA_N
ClientSampleId :
PB122692BL

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.3	45.5
170	23.4	20.7	31.1

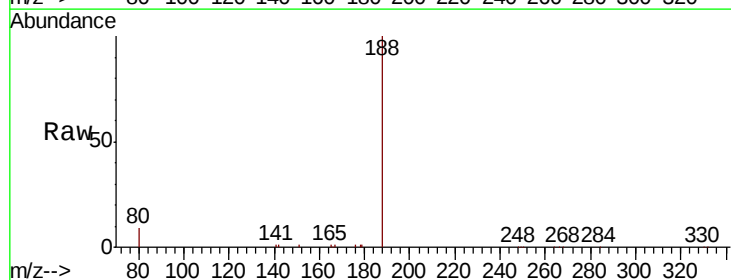


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

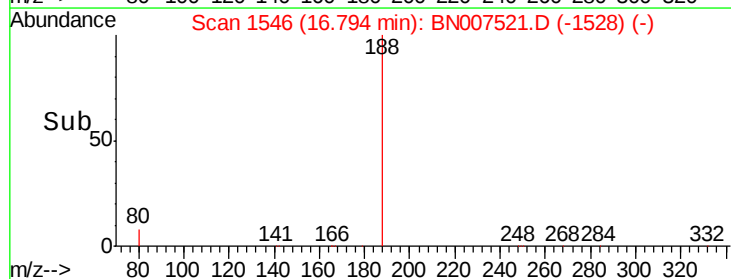
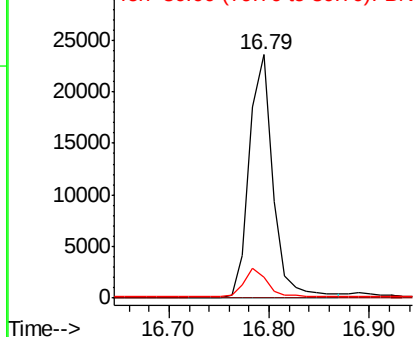


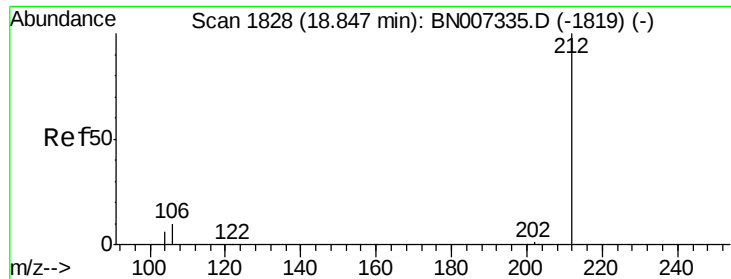
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007521.D
Acq: 30 Aug 2019 13:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	11.8	17.8#



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





#25

Fluoranthene-d10

Concen: 0.341 ng

RT: 18.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BN007521.D

Acq: 30 Aug 2019 13:38

Instrument :

BNA_N

ClientSampleId :

PB122692BL

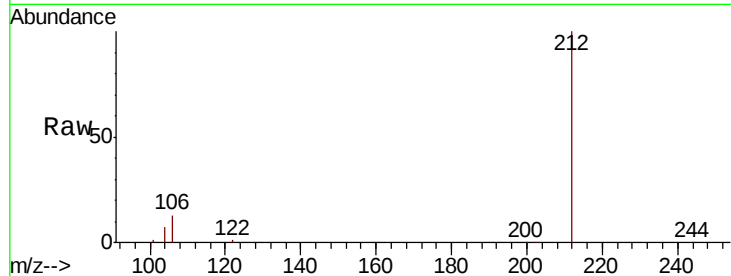
Tot Ion:212 Resp: 42102

Ion Ratio Lower Upper

212 100

106 12.5 9.0 13.4

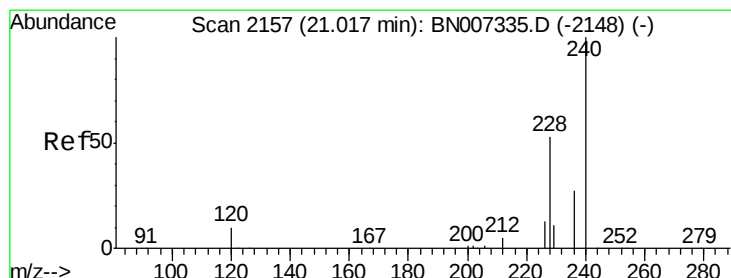
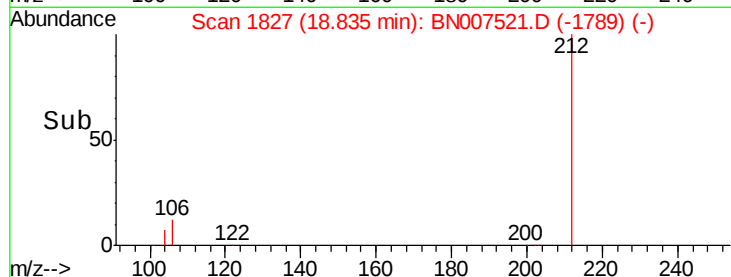
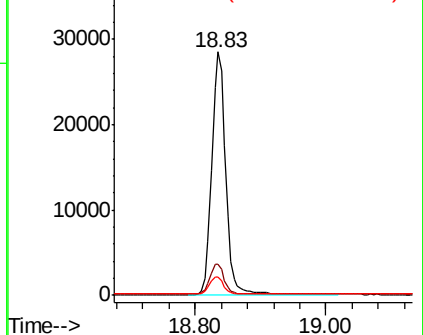
104 6.9 5.4 8.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007521.D

Acq: 30 Aug 2019 13:38

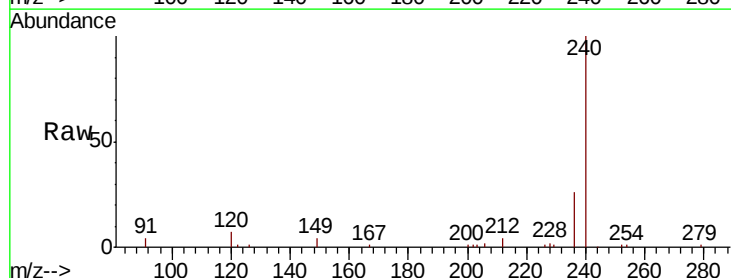
Tgt Ion:240 Resp: 35652

Ion Ratio Lower Upper

240 100

120 6.8 9.6 14.4#

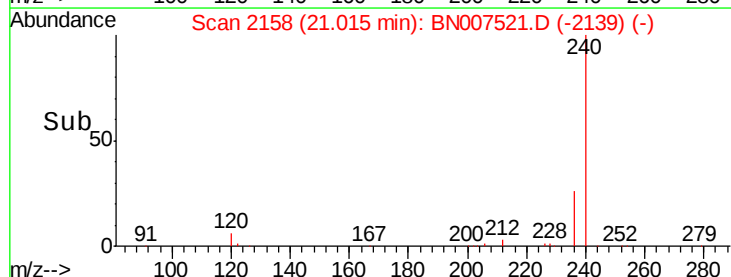
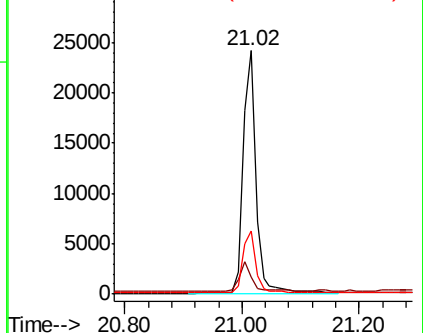
236 26.2 22.2 33.2

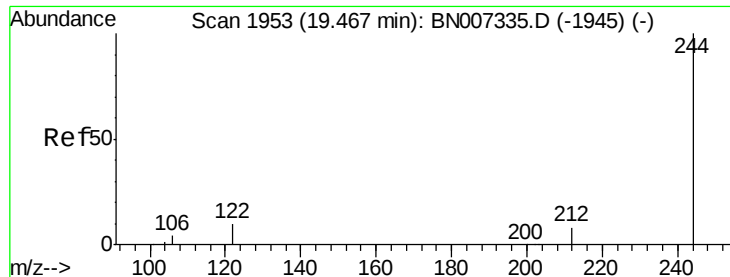


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.356 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BN007521.D

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BNA_N

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PB122692BL

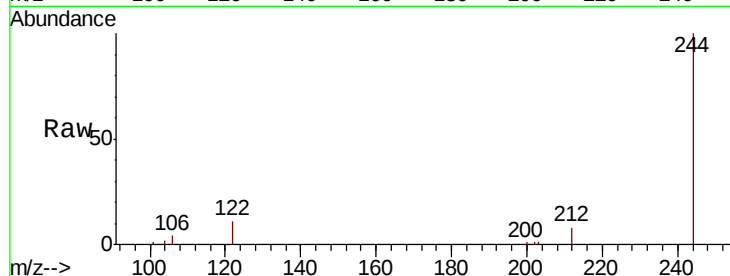
Tot Ion:244 Resp: 33221

Ion Ratio Lower Upper

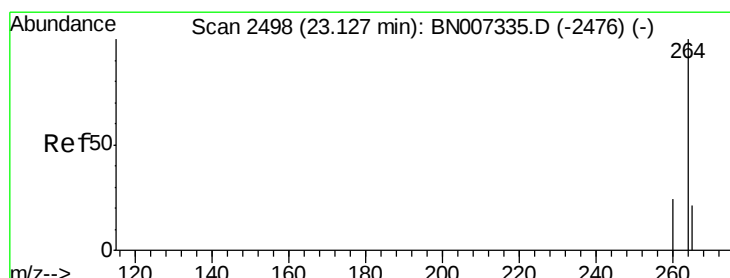
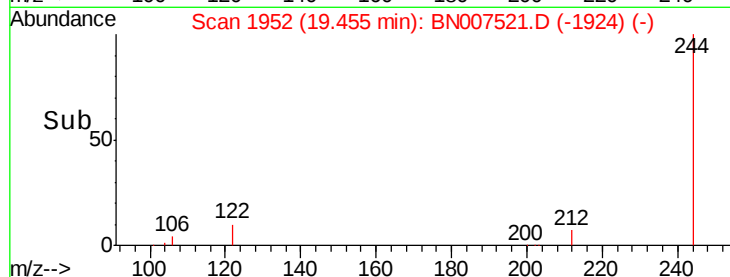
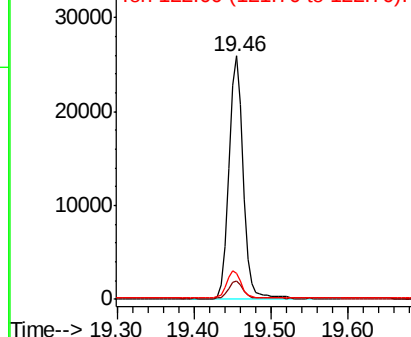
244 100

212 7.6 7.0 10.6

122 10.8 9.6 14.4



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.12 min Scan# 2496

Delta R.T. -0.01 min

Lab File: BN007521.D

Acq: 30 Aug 2019 13:38

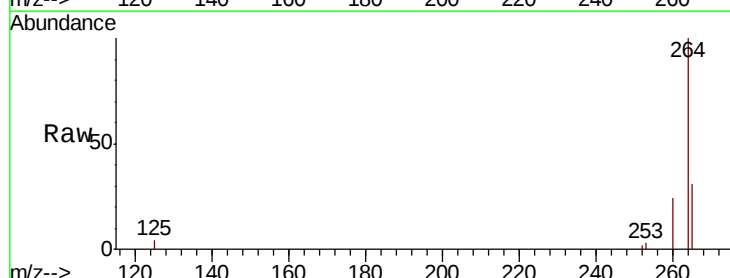
Tgt Ion:264 Resp: 31819

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 30.6 29.9 44.9



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

