

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090519\
 Data File : BN007541.D
 Acq On : 05 Sep 2019 20:04
 Operator : HP/JU
 Sample : K4686-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 06 02:00:01 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	4964	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	21958	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	14078	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	34197	0.40	ng	0.00
27) Chrysene-d12	21.00	240	34015	0.40	ng	-0.01
34) Perylene-d12	23.11	264	33682	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.02	112	2277	0.11	ng	-0.02
5) Phenol-d6	6.58	99	1739	0.05	ng	0.00
8) Nitrobenzene-d5	8.53	82	5076	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	12682	0.35	ng	-0.01
14) 2,4,6-Tribromophenol	15.54	330	2287	0.31	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	37739	0.66	ng	0.00
25) Fluoranthene-d10	18.83	212	37249	0.34	ng	-0.01
29) Terphenyl-d14	19.45	244	34258	0.38	ng	-0.02

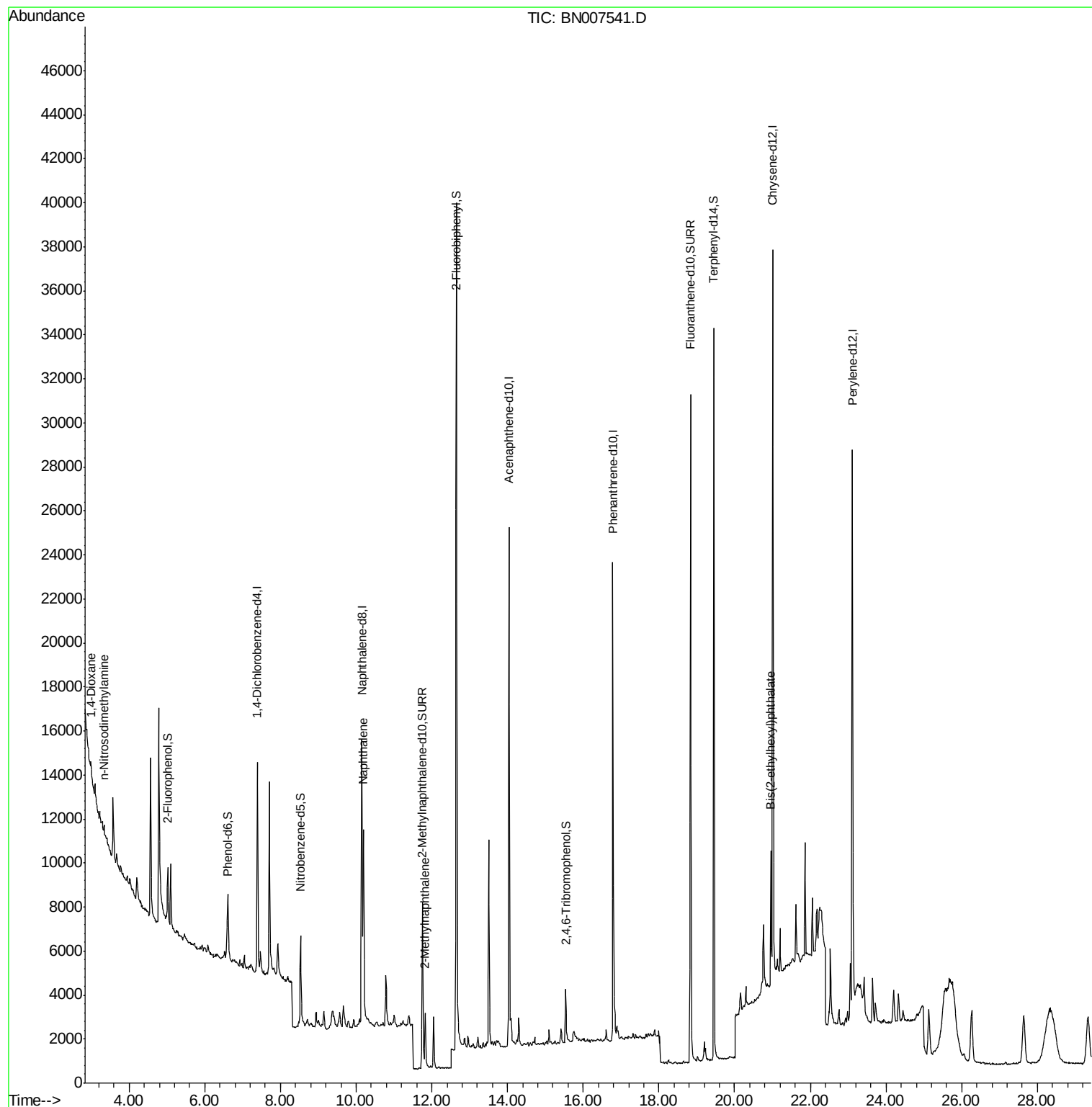
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.00	88	851	0.103	ng	# 19
3) n-Nitrosodimethylamine	3.33	42	104	0.027	ng	# 1
9) Naphthalene	10.19	128	13002	0.207	ng	# 92
12) 2-Methylnaphthalene	11.82	142	2045	0.048	ng	# 95
32) Bis(2-ethylhexyl)phthalate	20.95	149	6429	0.055	ng	# 99

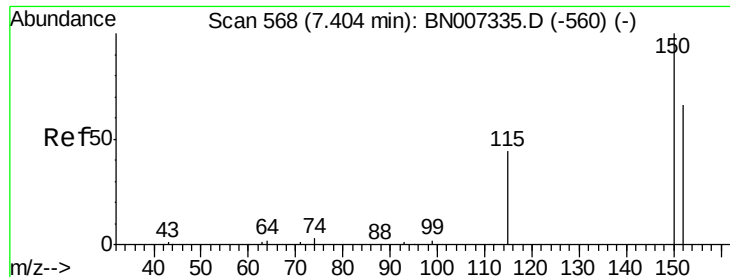
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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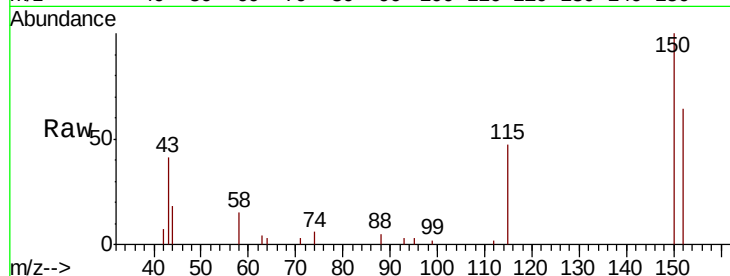


#1

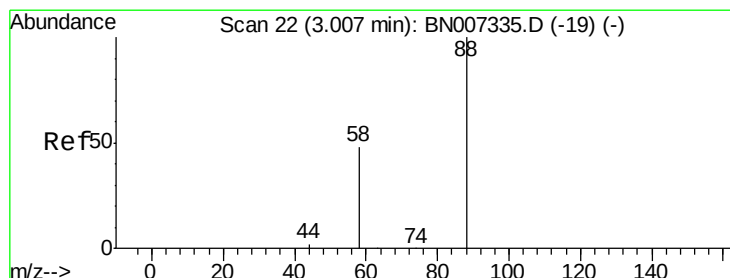
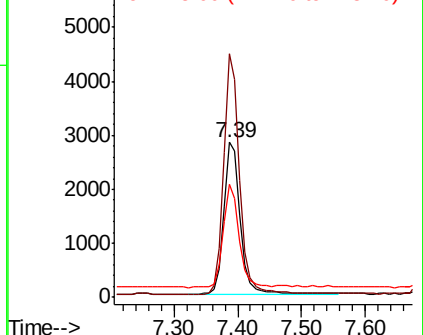
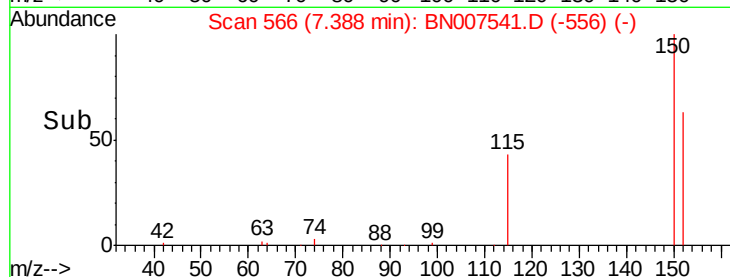
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007541.D
Acq: 05 Sep 2019 20:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4964
Ion Ratio Lower Upper
152 100
150 157.1 109.1 163.7
115 73.3 59.6 89.4



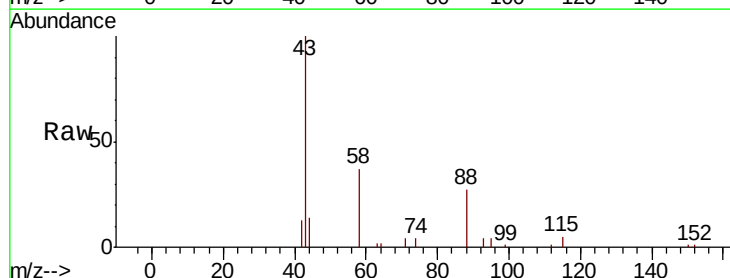
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



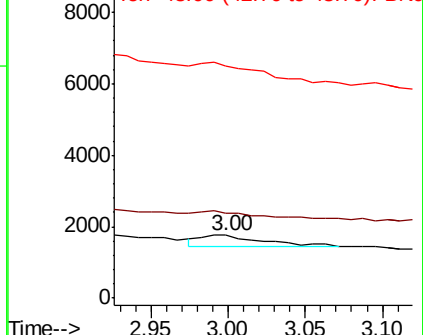
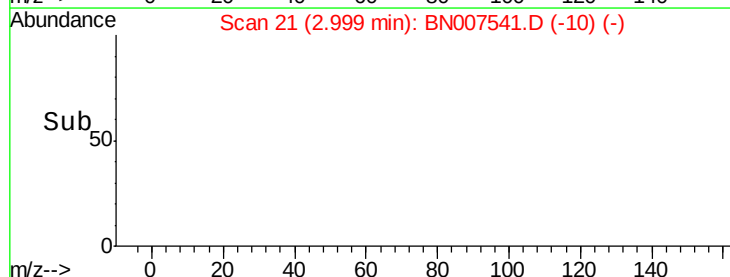
#2

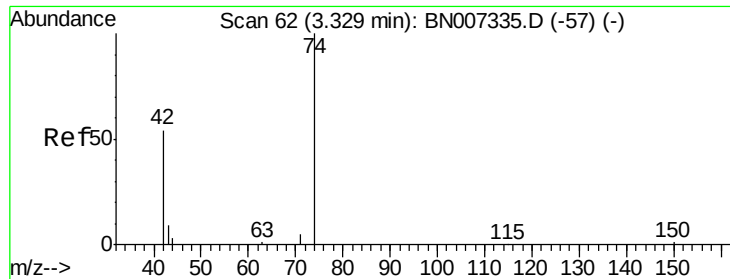
1,4-Dioxane
Concen: 0.103 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007541.D
Acq: 05 Sep 2019 20:04

Tgt Ion: 88 Resp: 851
Ion Ratio Lower Upper
88 100
58 0.0 50.5 75.7#
43 0.0 0.0 0.0



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.027 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.00 min

Lab File: BN007541.D

Acq: 05 Sep 2019 20:04

Instrument :

BNA_N

ClientSampled :

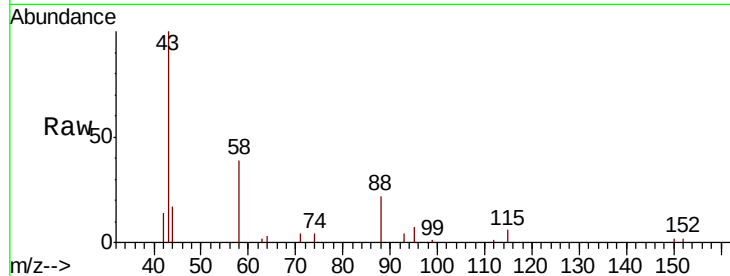
Tot Ion: 42 Resp: 104

Ion Ratio Lower Upper

42 100

74 0.0 144.7 217.1#

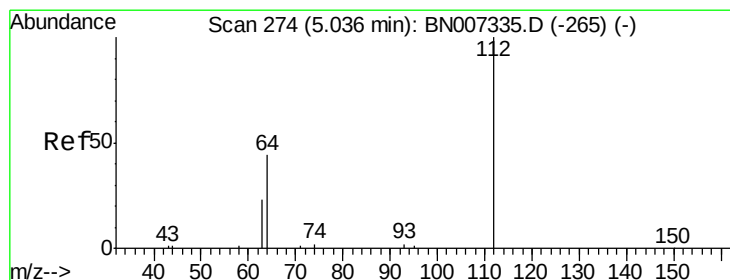
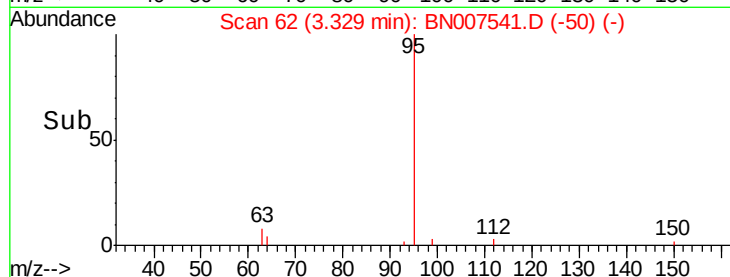
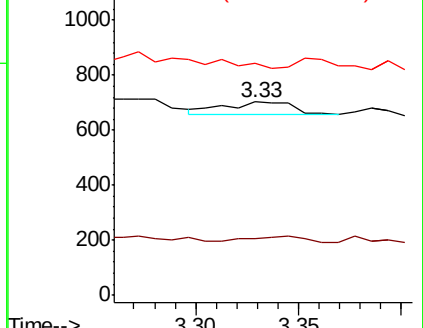
44 0.0 3.2 4.8#



Abundance Ion 42.00 (41.70 to 42.70): BN007335.D (-57) (-)

Ion 74.00 (73.70 to 74.70): BN007335.D (-57) (-)

Ion 44.00 (43.70 to 44.70): BN007335.D (-57) (-)



#4

2-Fluorophenol

Concen: 0.112 ng

RT: 5.02 min Scan# 272

Delta R.T. -0.02 min

Lab File: BN007541.D

Acq: 05 Sep 2019 20:04

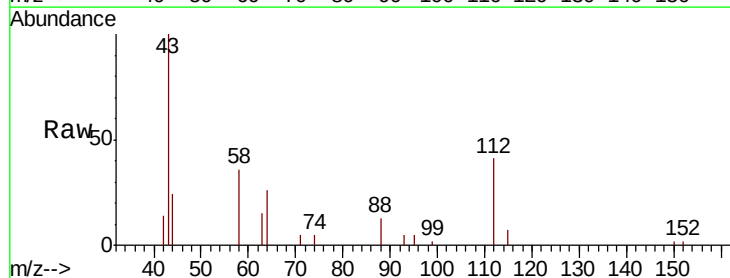
Tgt Ion: 112 Resp: 2277

Ion Ratio Lower Upper

112 100

64 55.5 42.3 63.5

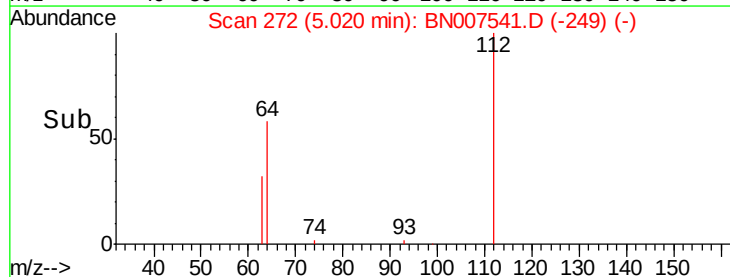
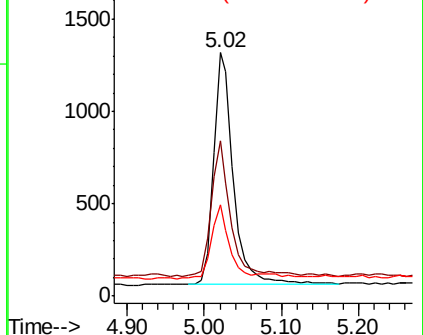
63 28.7 23.6 35.4

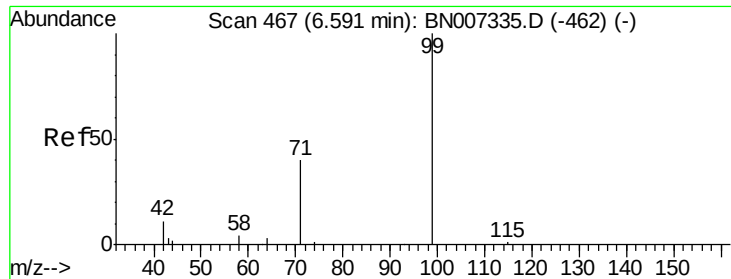


Abundance Ion 112.00 (111.70 to 112.70): BN007335.D (-265) (-)

Ion 64.00 (63.70 to 64.70): BN007335.D (-265) (-)

Ion 63.00 (62.70 to 63.70): BN007335.D (-265) (-)





#5

Phenol-d6

Concen: 0.053 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BN007541.D

Acq: 05 Sep 2019 20:04

Instrument :

BNA_N

ClientSampleId :

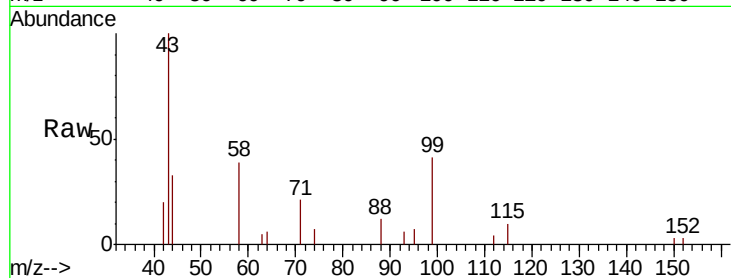
Tot Ion: 99 Resp: 1739

Ion Ratio Lower Upper

99 100

42 20.2 11.2 16.8#

71 35.7 31.8 47.8

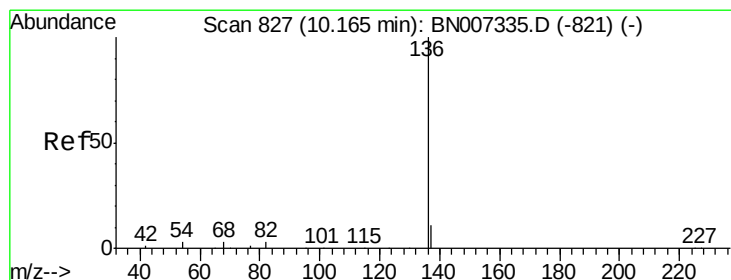
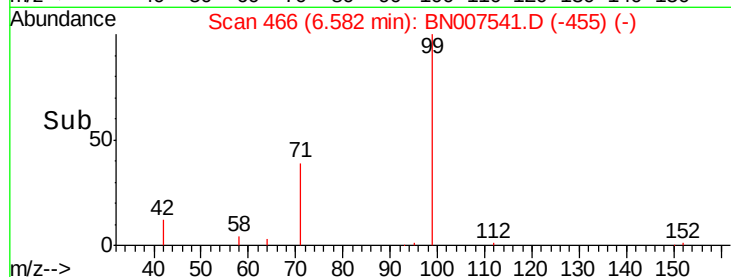
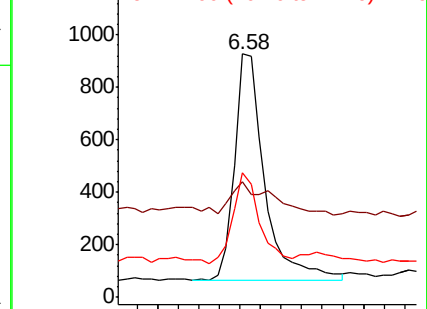


Abundance

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: BN007541.D

Acq: 05 Sep 2019 20:04

Tgt Ion: 136 Resp: 21958

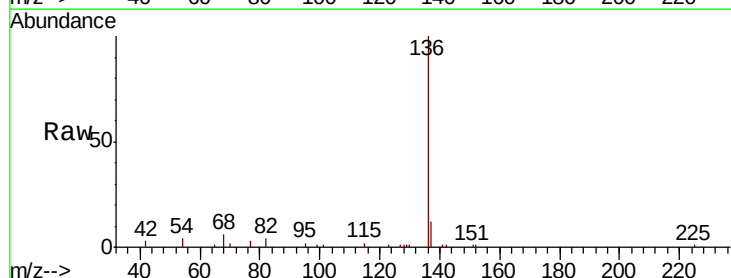
Ion Ratio Lower Upper

136 100

137 11.6 12.9 19.3#

54 4.0 8.6 12.8#

68 5.8 17.0 25.4#



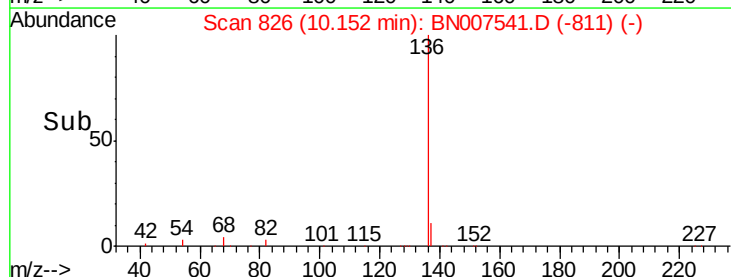
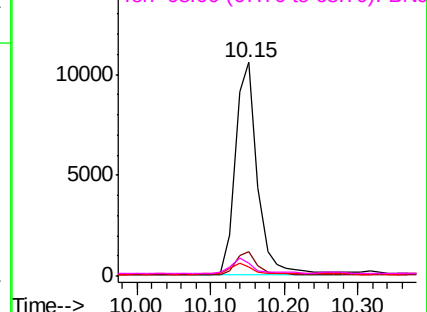
Abundance

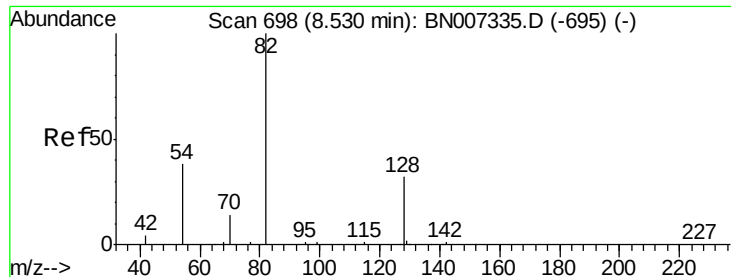
Ion 136.00 (135.70 to 136.70): BN007335.D (-821) (-)

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: 0.266 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007541.D

Acq: 05 Sep 2019 20:04

Instrument :

BNA_N

ClientSampleId :

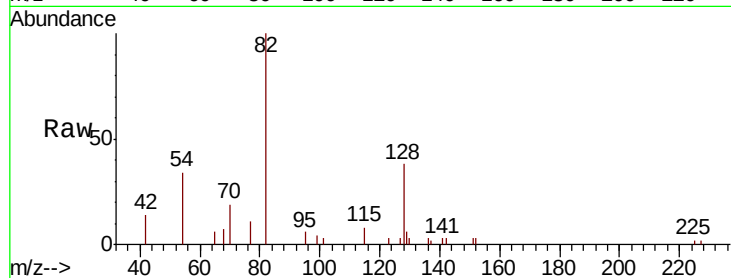
Tot Ion: 82 Resp: 5076

Ion Ratio Lower Upper

82 100

128 37.7 19.7 29.5#

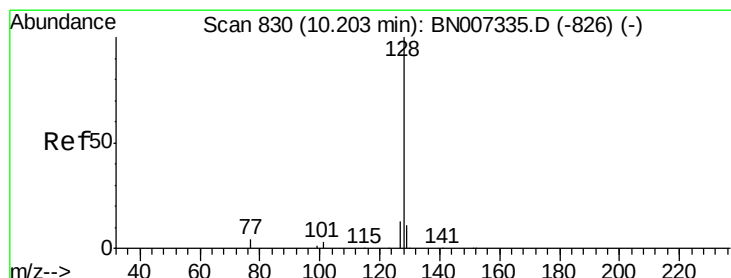
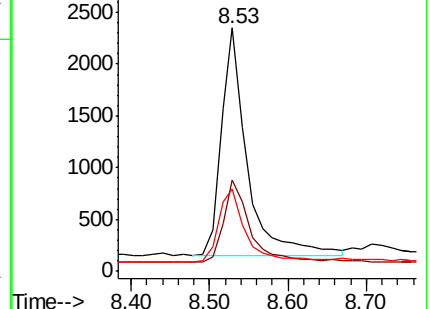
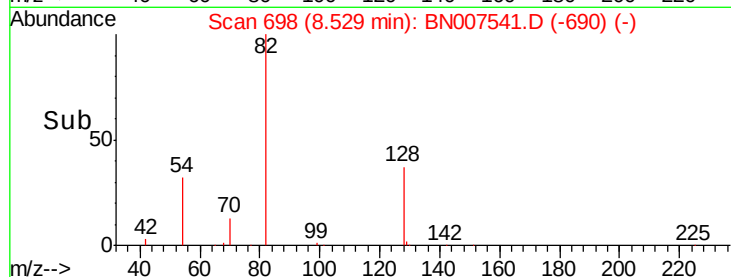
54 33.7 25.8 38.6



Abundance Ion 82.00 (81.70 to 82.70): BN007541.D (-690) (-)

Ion 128.00 (127.70 to 128.70): BN007541.D (-690) (-)

Ion 54.00 (53.70 to 54.70): BN007541.D (-690) (-)



#9

Naphthalene

Concen: 0.207 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN007541.D

Acq: 05 Sep 2019 20:04

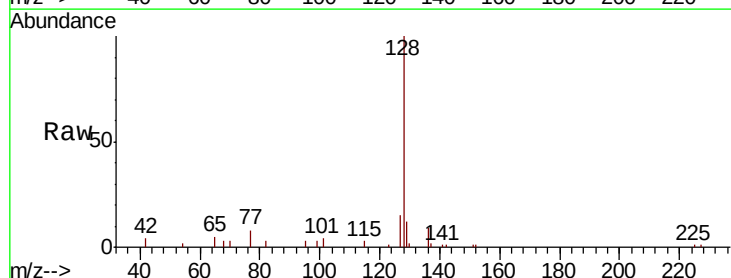
Tgt Ion: 128 Resp: 13002

Ion Ratio Lower Upper

128 100

129 12.2 11.1 16.7

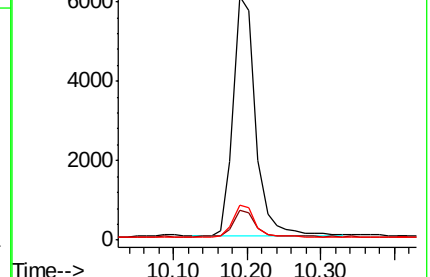
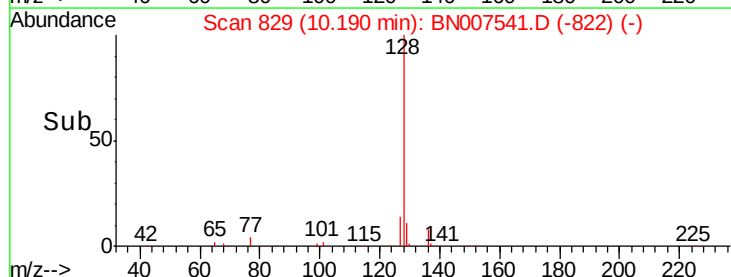
127 14.6 15.5 23.3#

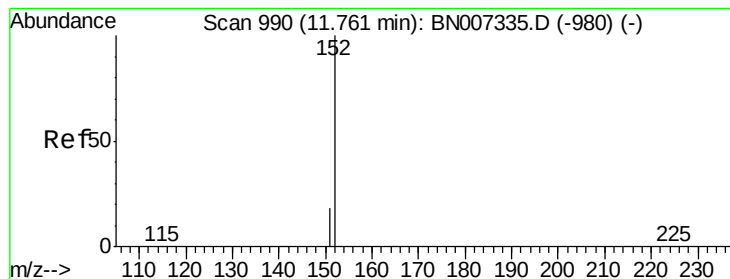


Abundance Ion 128.00 (127.70 to 128.70): BN007541.D (-822) (-)

Ion 129.00 (128.70 to 129.70): BN007541.D (-822) (-)

Ion 127.00 (126.70 to 127.70): BN007541.D (-822) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.348 ng

RT: 11.75 min Scan# 987

Delta R.T. -0.01 min

Lab File: BN007541.D

Acq: 05 Sep 2019 20:04

Instrument :

BNA_N

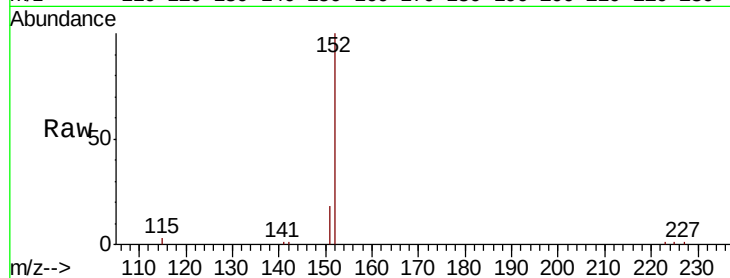
ClientSampleId :

Tot Ion:152 Resp: 12682

Ion Ratio Lower Upper

152 100

151 18.9 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.75

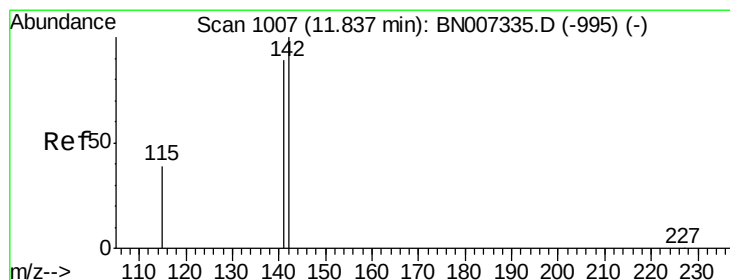
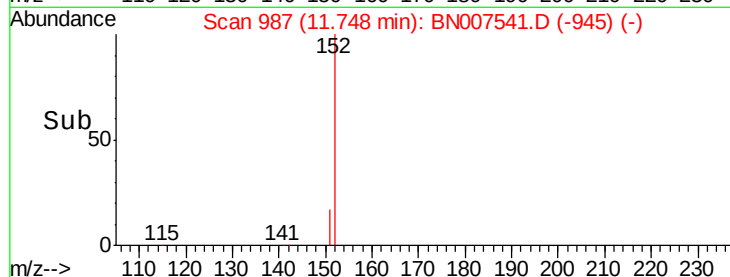
6000

4000

2000

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.048 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN007541.D

Acq: 05 Sep 2019 20:04

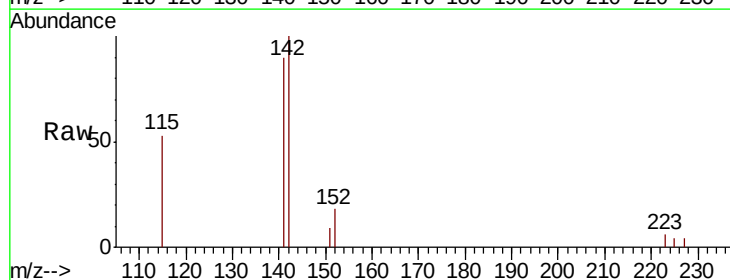
Tgt Ion:142 Resp: 2045

Ion Ratio Lower Upper

142 100

141 90.5 72.8 109.2

115 53.4 35.2 52.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

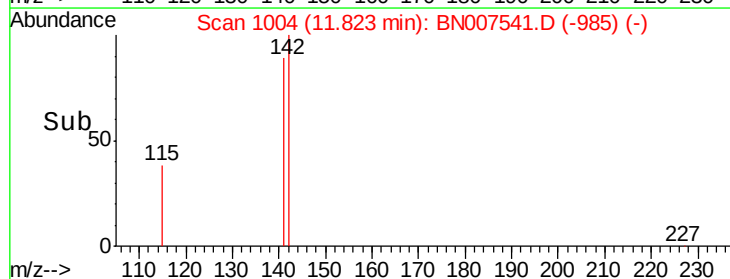
1500

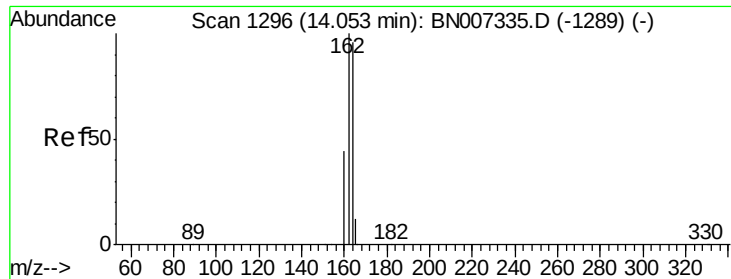
1000

500

0

Time--> 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN007541.D

Acq: 05 Sep 2019 20:04

Instrument :

BNA_N

ClientSampleId :

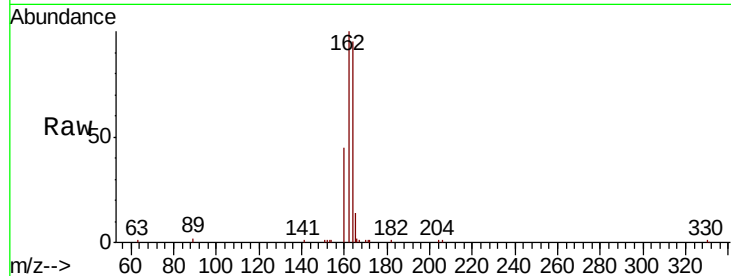
Tot Ion:164 Resp: 14078

Ion Ratio Lower Upper

164 100

162 105.0 83.5 125.3

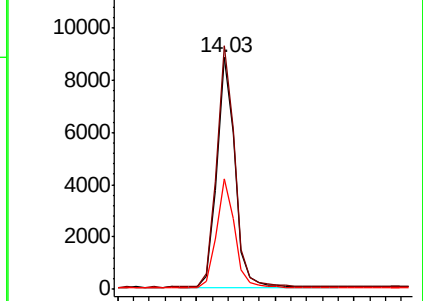
160 47.5 38.2 57.4



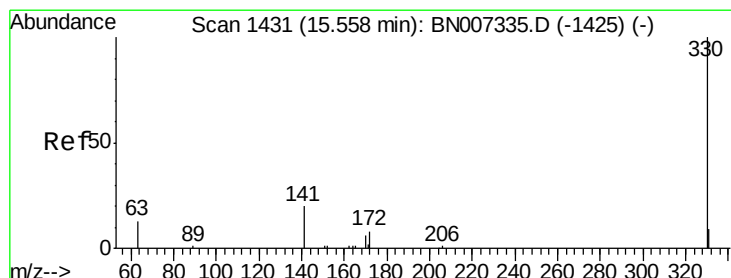
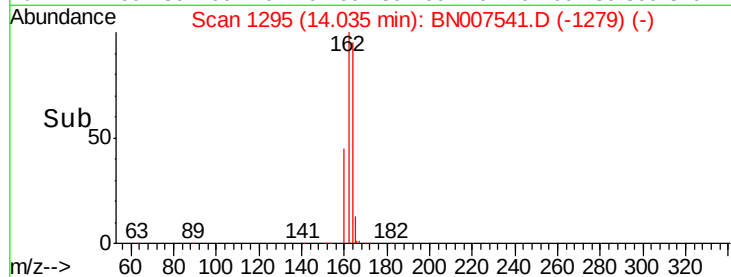
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 13.90 14.00 14.10 14.20



#14

2,4,6-Tribromophenol

Concen: 0.311 ng

RT: 15.54 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BN007541.D

Acq: 05 Sep 2019 20:04

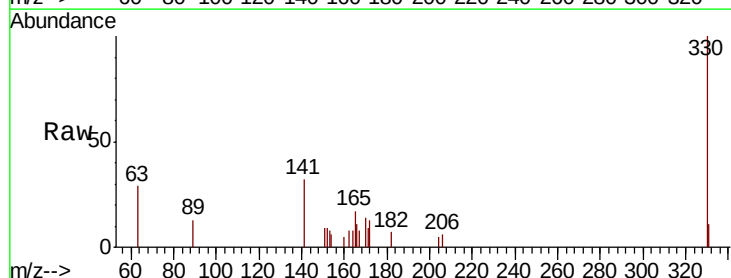
Tgt Ion:330 Resp: 2287

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

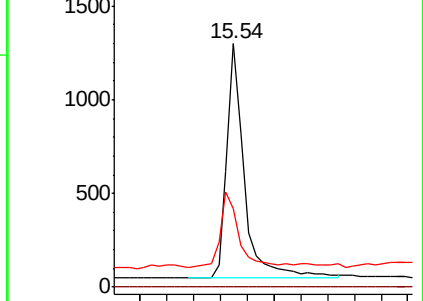
141 35.2 26.9 40.3



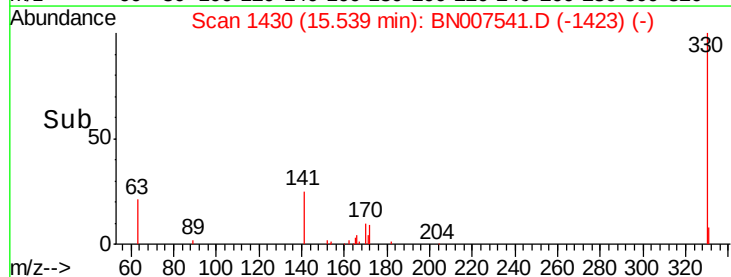
Abundance Ion 330.00 (329.70 to 330.70): E

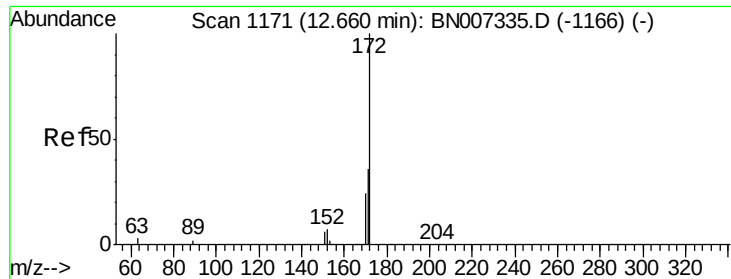
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time--> 15.40 15.60

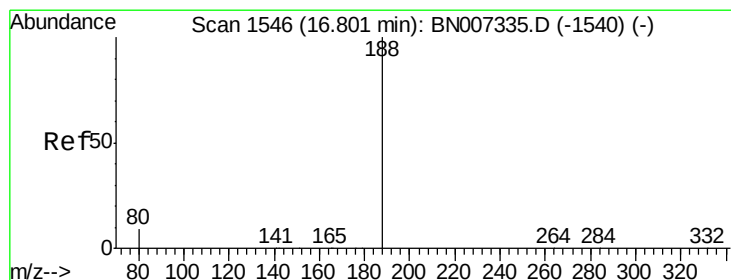
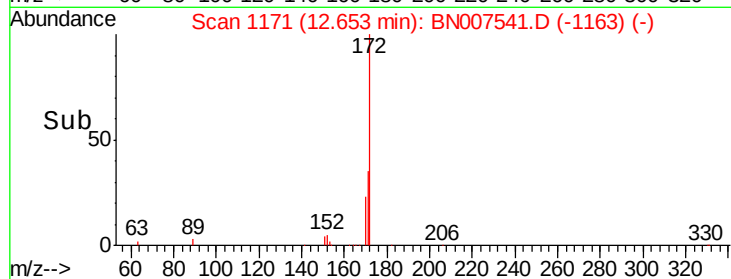
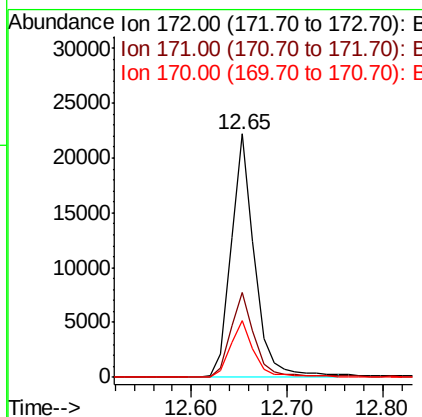
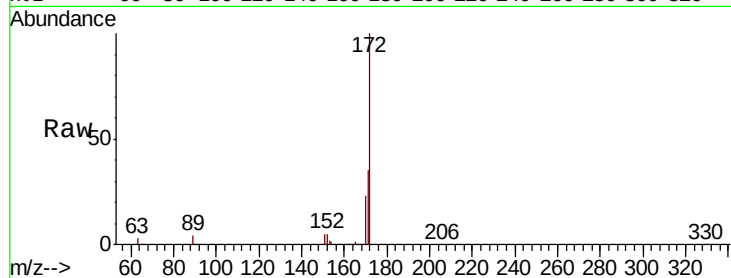




#15
2-Fluorobiphenyl
Concen: 0.665 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007541.D
Acq: 05 Sep 2019 20:04

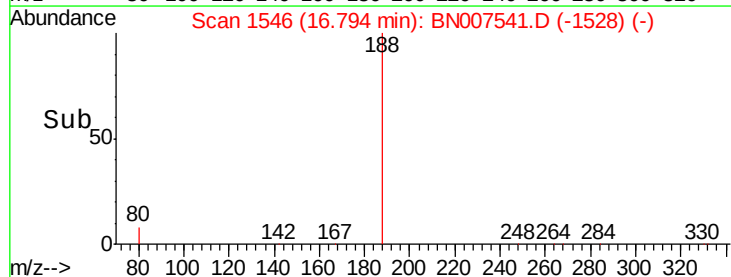
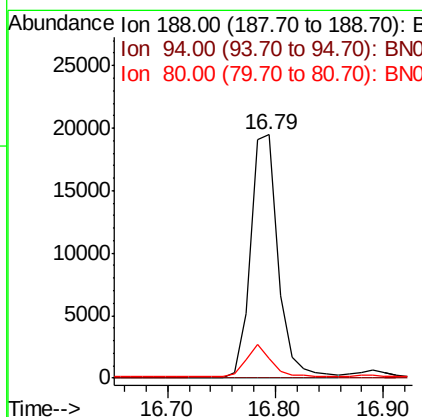
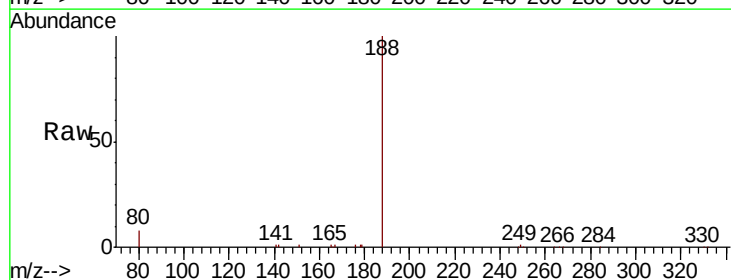
Instrument :
BNA_N
ClientSampleId :

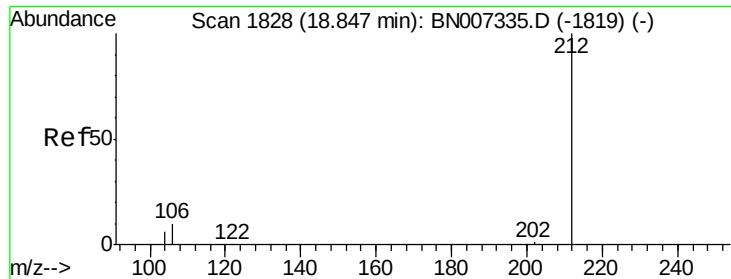
Tot Ion:172 Resp: 37739
Ion Ratio Lower Upper
172 100
171 34.8 30.3 45.5
170 23.0 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007541.D
Acq: 05 Sep 2019 20:04

Tgt Ion:188 Resp: 34197
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 11.8 17.8#

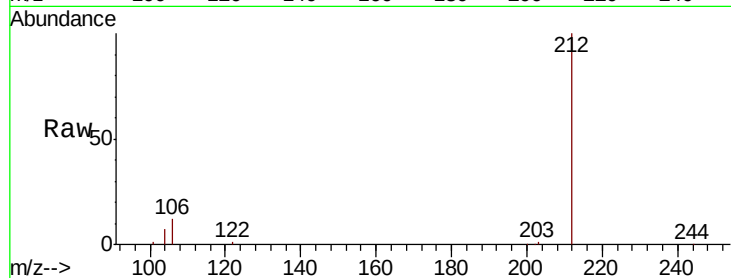




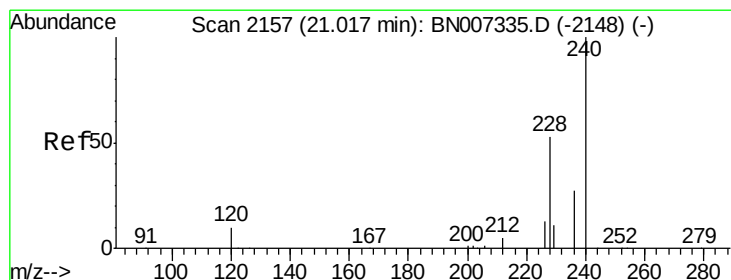
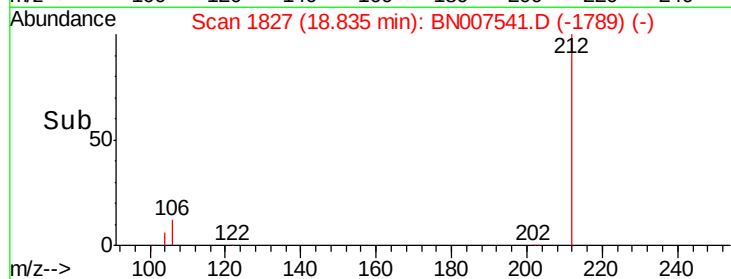
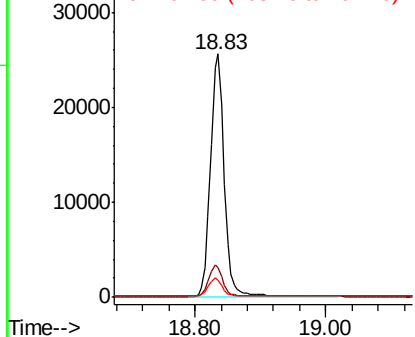
#25
Fluoranthene-d10
Concen: 0.338 ng
RT: 18.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN007541.D
Acq: 05 Sep 2019 20:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion:212 Resp: 37249
Ion Ratio Lower Upper
212 100
106 12.7 9.0 13.4
104 7.1 5.4 8.2

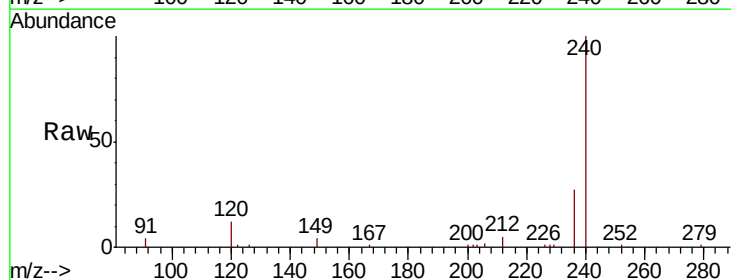


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

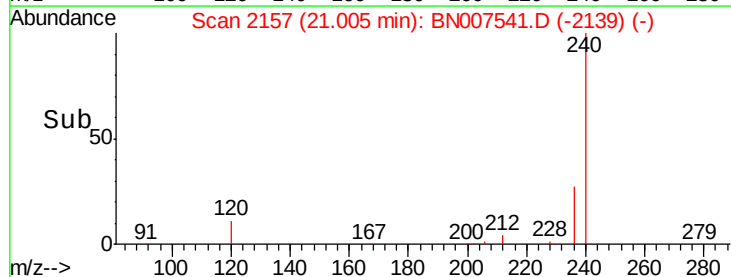
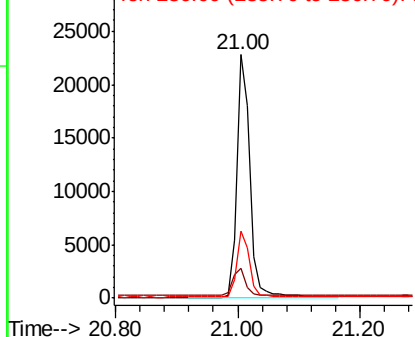


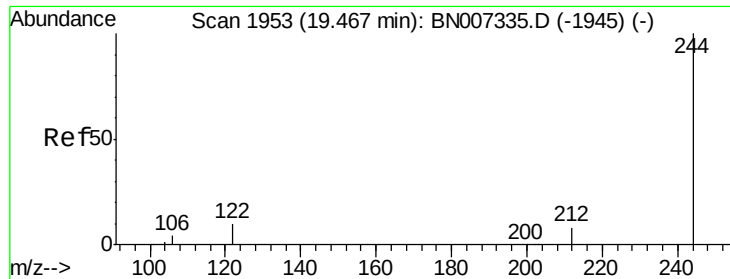
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BN007541.D
Acq: 05 Sep 2019 20:04

Tgt Ion:240 Resp: 34015
Ion Ratio Lower Upper
240 100
120 12.4 9.6 14.4
236 27.4 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: 0.385 ng

RT: 19.45 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BN007541.D

Acq: 05 Sep 2019 20:04

Instrument :

BNA_N

ClientSampleId :

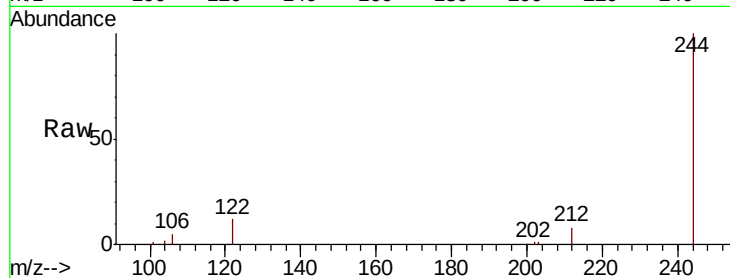
Tot Ion:244 Resp: 34258

Ion Ratio Lower Upper

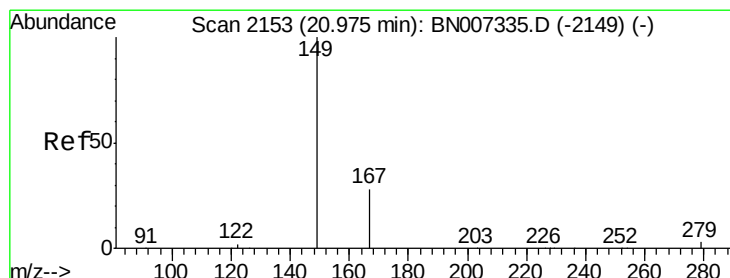
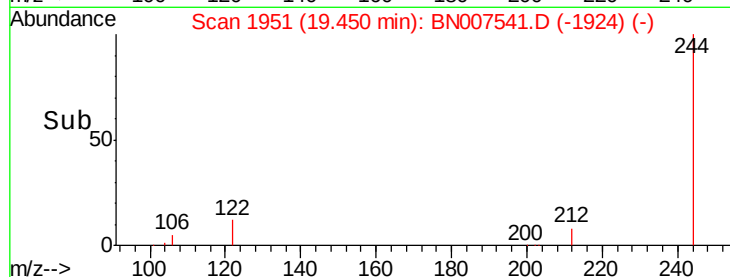
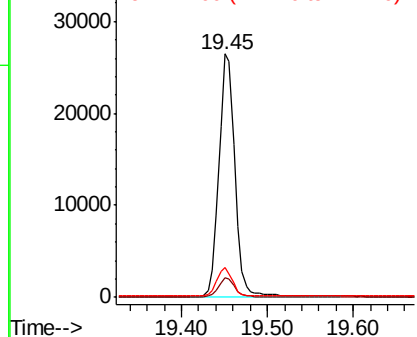
244 100

212 8.0 7.0 10.6

122 12.4 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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.055 ng

RT: 20.95 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BN007541.D

Acq: 05 Sep 2019 20:04

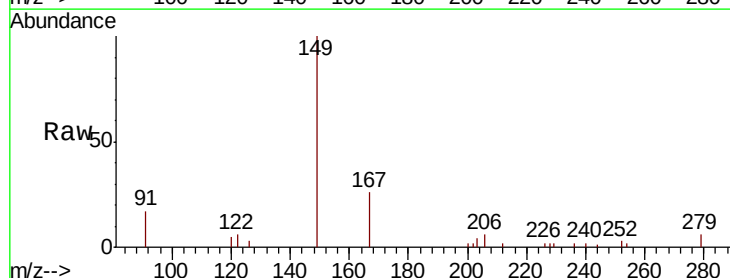
Tgt Ion:149 Resp: 6429

Ion Ratio Lower Upper

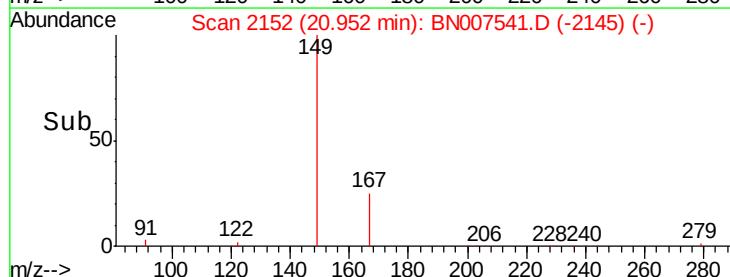
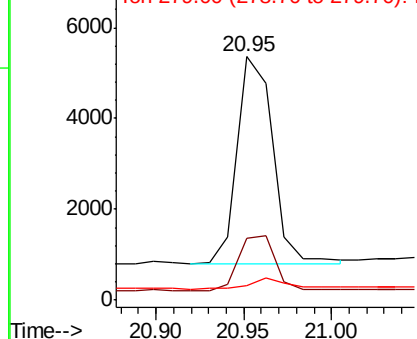
149 100

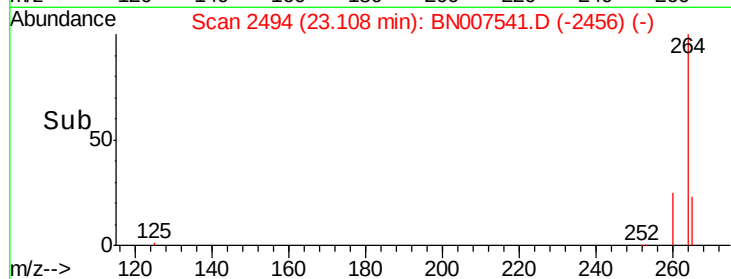
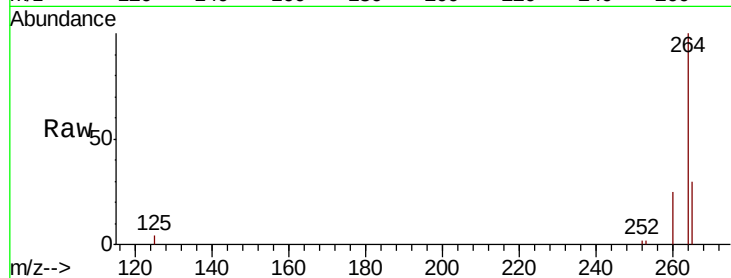
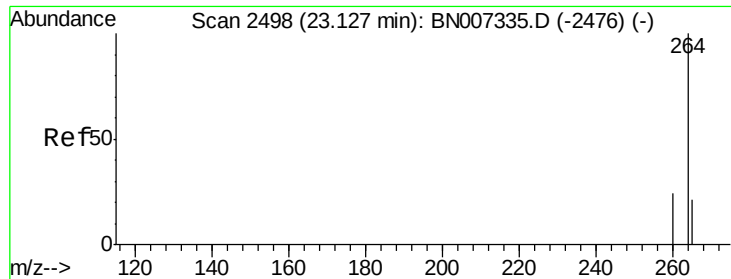
167 28.2 22.8 34.2

279 5.4 3.5 5.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.11 min Scan# 2494

Delta R.T. -0.02 min

Lab File: BN007541.D

Acq: 05 Sep 2019 20:04

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 33682

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 30.3 29.9 44.9

