

Data File : BN007789.D
Acq On : 21 Sep 2019 07:16
Operator : HP/JU
Sample : K4974-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE134D2-20190916

Quant Time: Sep 23 01:55:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	6635	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	25120	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	14656	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	33364	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	36966	0.40	ng	-0.02
34) Perylene-d12	23.46	264	40894	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	1835	0.08	ng	0.00
5) Phenol-d6	6.87	99	1494	0.05	ng	0.00
8) Nitrobenzene-d5	8.83	82	5819	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	13782	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	215	0.03	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	20204	0.33	ng	0.00
25) Fluoranthene-d10	19.09	212	36682	0.33	ng	-0.01
29) Terphenyl-d14	19.70	244	32134	0.35	ng	-0.01

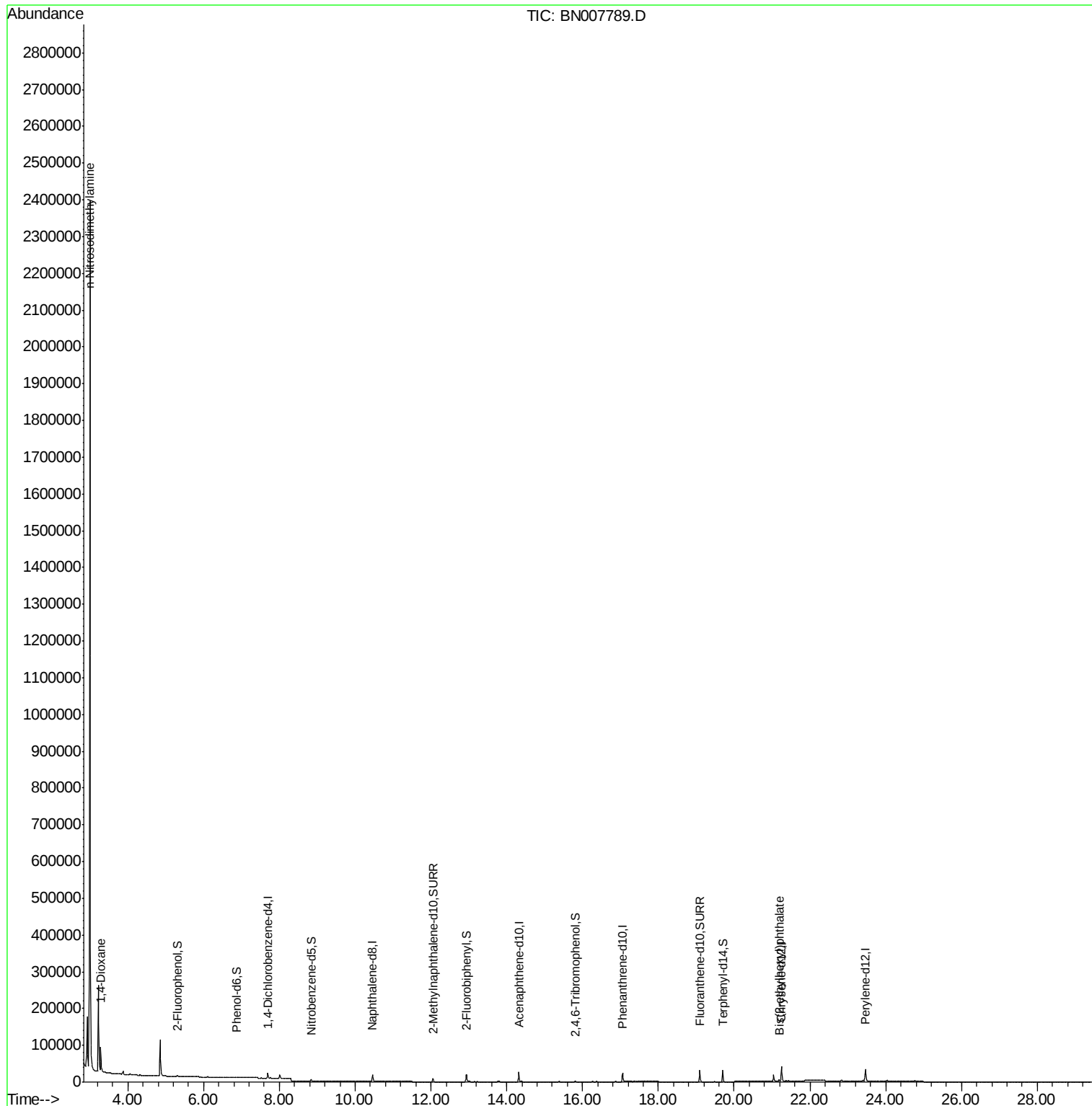
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	47252	6.390	ng	# 94
3) n-Nitrosodimethylamine	3.00	42	186196	54.970	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.19	149	2916	0.042	ng	95

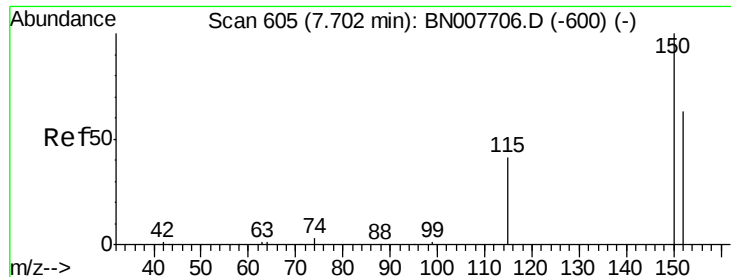
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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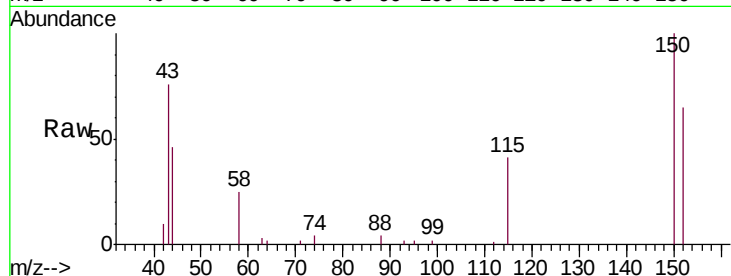


#1

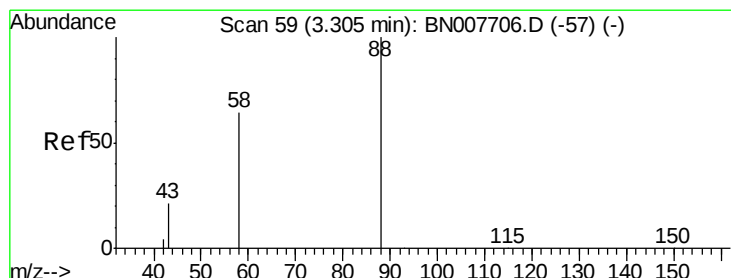
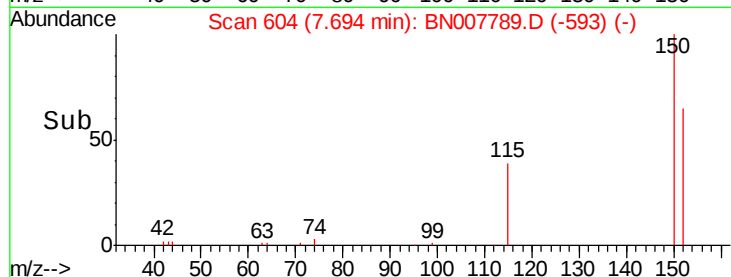
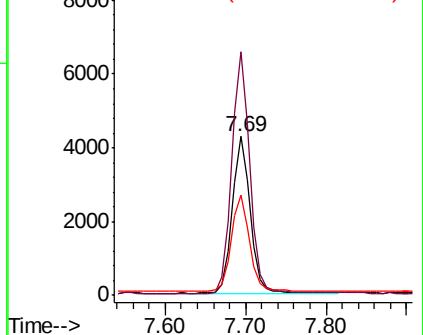
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007789.D
Acq: 21 Sep 2019 07:16

Instrument :
BNA_N
ClientSampleId :
RE134D2-20190916

Tgt Ion:152 Resp: 6635
Ion Ratio Lower Upper
152 100
150 153.1 125.6 188.4
115 62.7 53.3 79.9



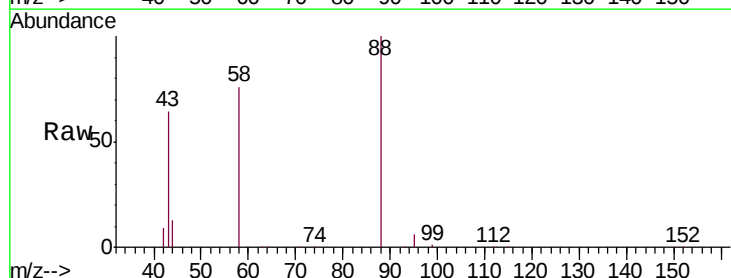
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



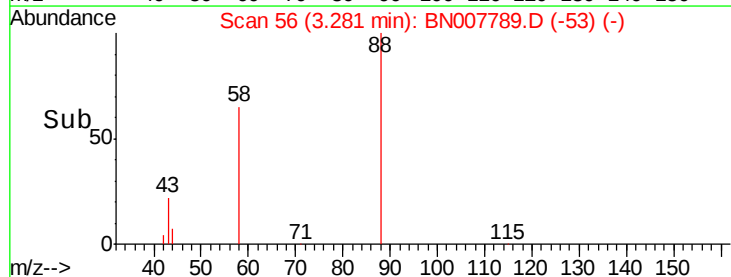
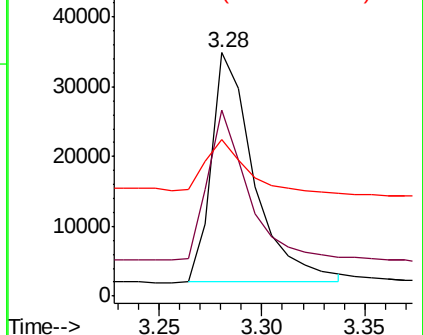
#2

1,4-Dioxane
Concen: 6.390 ng
RT: 3.28 min Scan# 56
Delta R.T. -0.02 min
Lab File: BN007789.D
Acq: 21 Sep 2019 07:16

Tgt Ion: 88 Resp: 47252
Ion Ratio Lower Upper
88 100
58 59.4 44.6 66.8
43 22.0 14.4 21.6#



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: 54.970 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

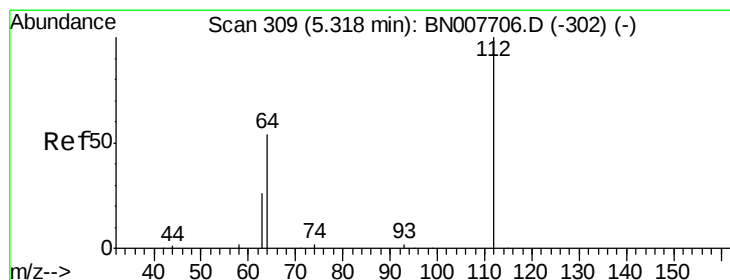
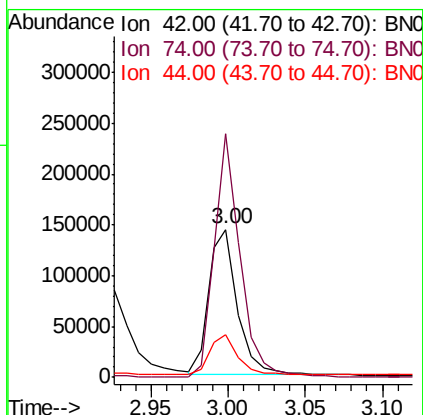
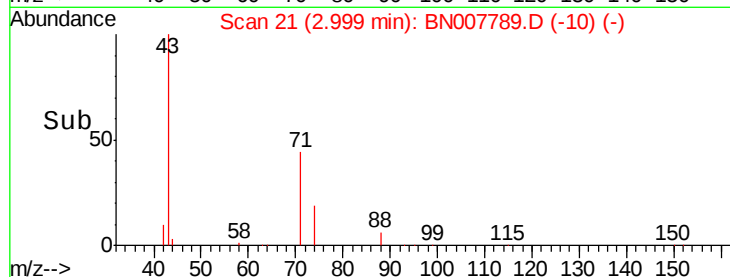
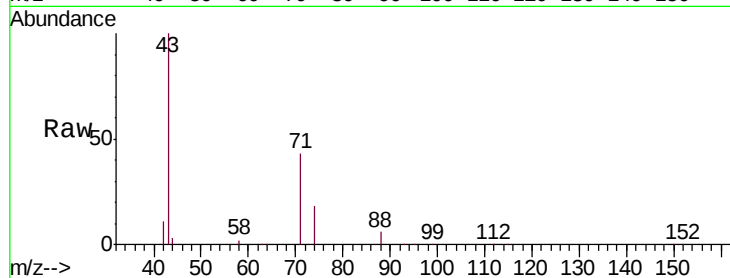
Lab File: BN007789.D

Acq: 21 Sep 2019 07:16

Instrument :
BNA_N
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RE134D2-20190916

Tgt Ion: 42 Resp: 186196

Ion	Ratio	Lower	Upper
42	100		
74	150.5	87.9	131.9#
44	26.8	29.4	44.0#



#4

2-Fluorophenol

Concen: 0.080 ng

RT: 5.31 min Scan# 308

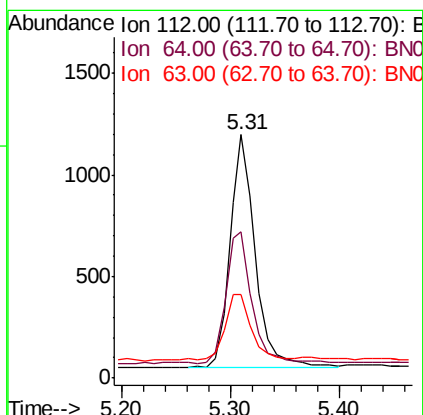
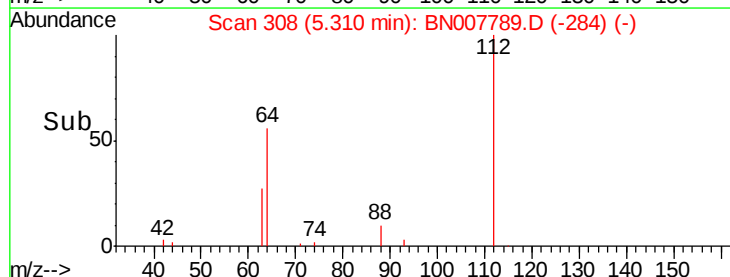
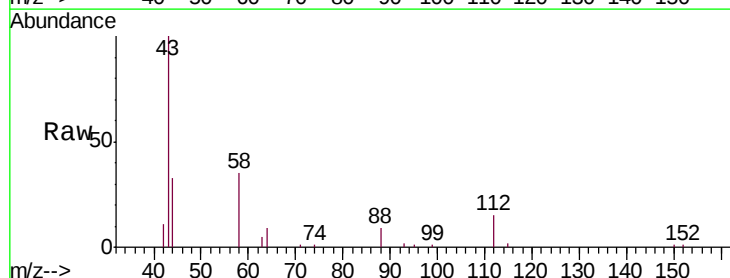
Delta R.T. -0.01 min

Lab File: BN007789.D

Acq: 21 Sep 2019 07:16

Tgt Ion: 112 Resp: 1835

Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.6	70.0
63	31.7	23.1	34.7





#5

Phenol-d6

Concen: 0.047 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007789.D

Acq: 21 Sep 2019 07:16

Instrument :

BNA_N

ClientSampleId :

RE134D2-20190916

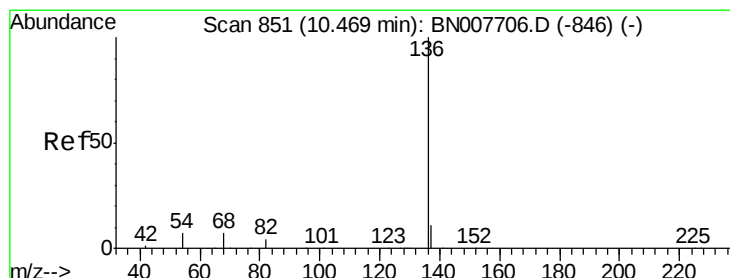
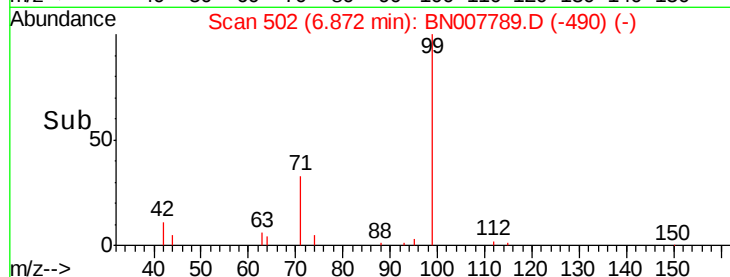
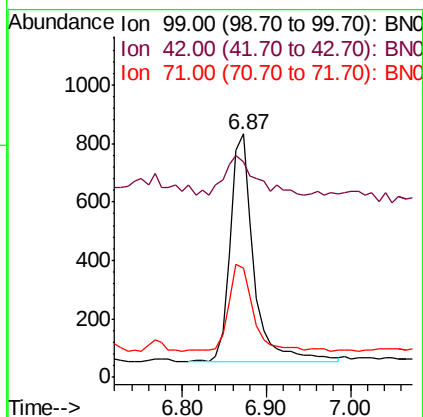
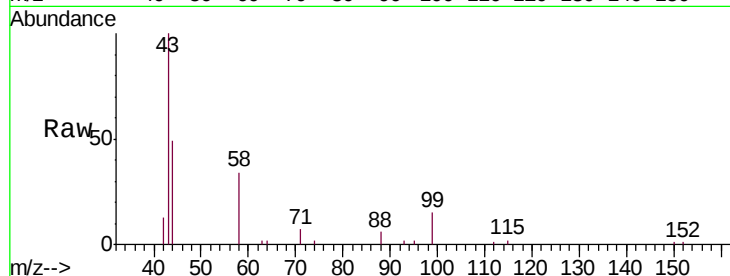
Tgt Ion: 99 Resp: 1494

Ion Ratio Lower Upper

99 100

42 22.2 12.8 19.2#

71 38.6 27.6 41.4



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007789.D

Acq: 21 Sep 2019 07:16

Tgt Ion: 136 Resp: 25120

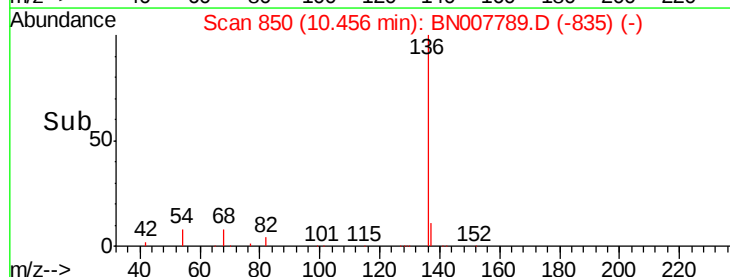
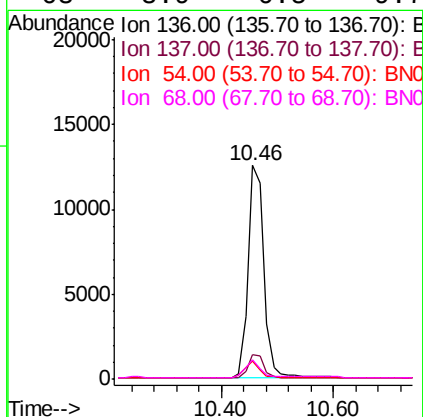
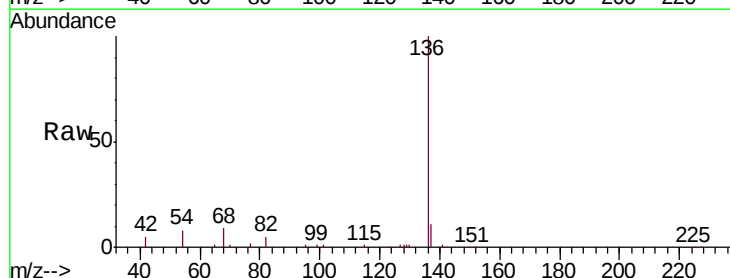
Ion Ratio Lower Upper

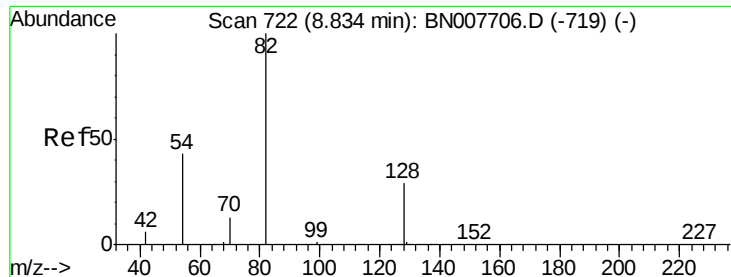
136 100

137 11.5 9.2 13.8

54 8.3 5.8 8.8

68 8.9 6.5 9.7





#8

Nitrobenzene-d5

Concen: 0.265 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007789.D

Acq: 21 Sep 2019 07:16

Instrument :

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RE134D2-20190916

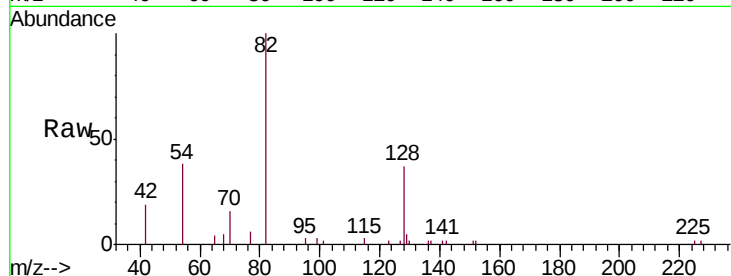
Tgt Ion: 82 Resp: 5819

Ion Ratio Lower Upper

82 100

128 37.2 24.5 36.7#

54 38.0 35.2 52.8

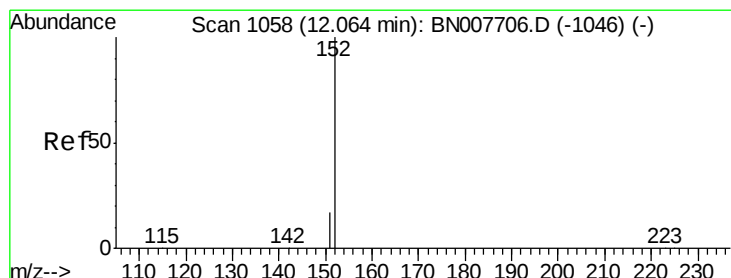
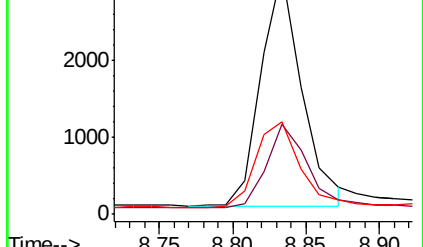
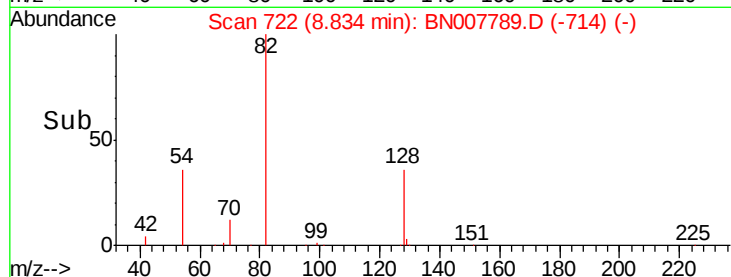


Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

Ion 128.00 (127.70 to 128.70): BN007706.D (-719) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-719) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.326 ng

RT: 12.05 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN007789.D

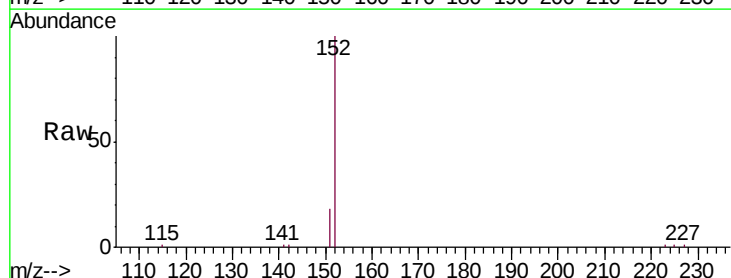
Acq: 21 Sep 2019 07:16

Tgt Ion: 152 Resp: 13782

Ion Ratio Lower Upper

152 100

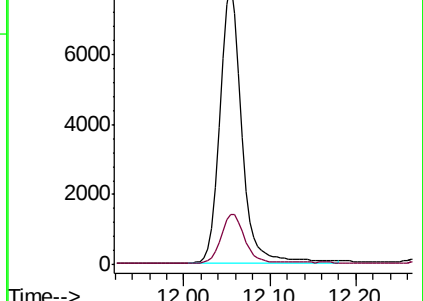
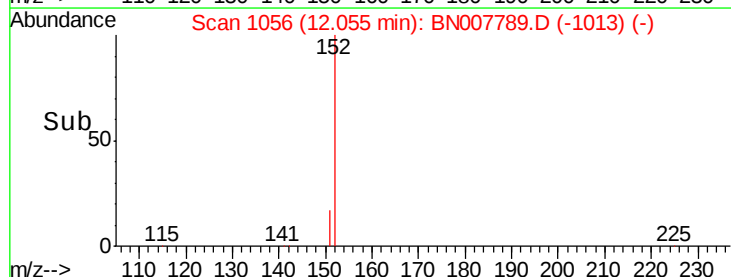
151 19.3 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BN007706.D (-1046) (-)

Ion 151.00 (150.70 to 151.70): BN007706.D (-1046) (-)

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007789.D

Acq: 21 Sep 2019 07:16

Instrument :

BNA_N

ClientSampleId :

RE134D2-20190916

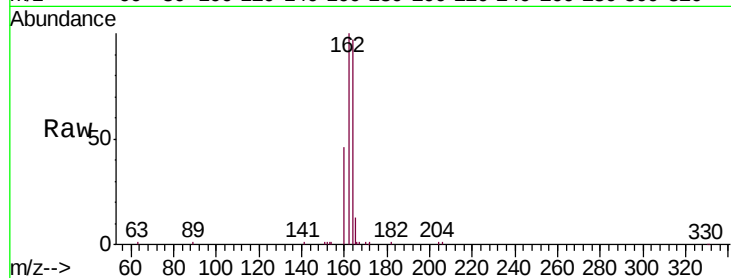
Tgt Ion:164 Resp: 14656

Ion Ratio Lower Upper

164 100

162 103.0 81.7 122.5

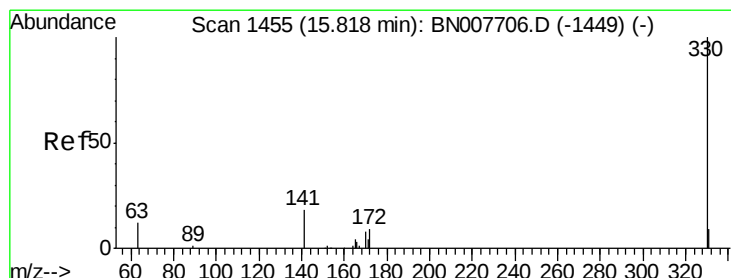
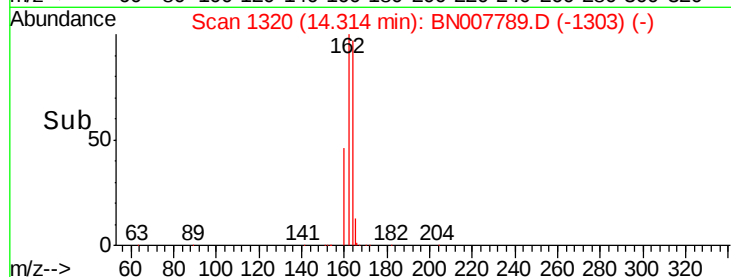
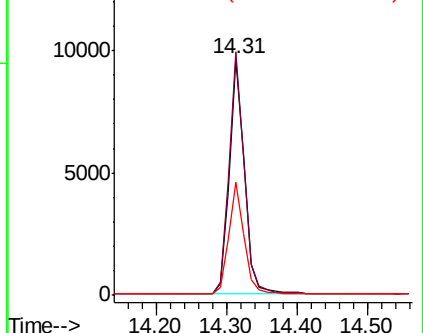
160 47.8 37.0 55.4



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: 0.027 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007789.D

Acq: 21 Sep 2019 07:16

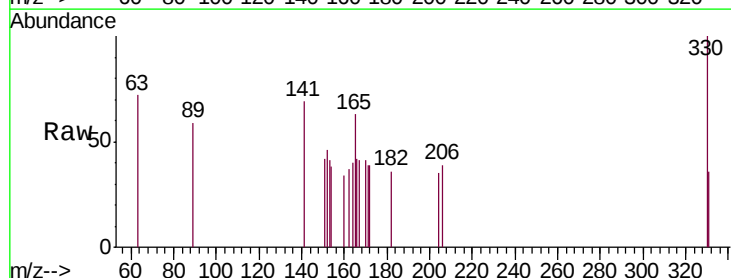
Tgt Ion:330 Resp: 215

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

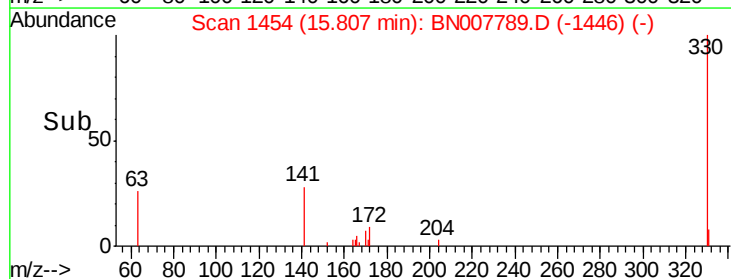
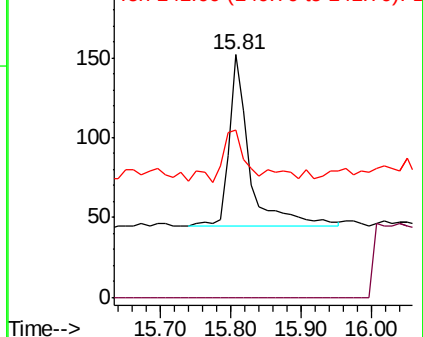
141 32.6 28.7 43.1



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

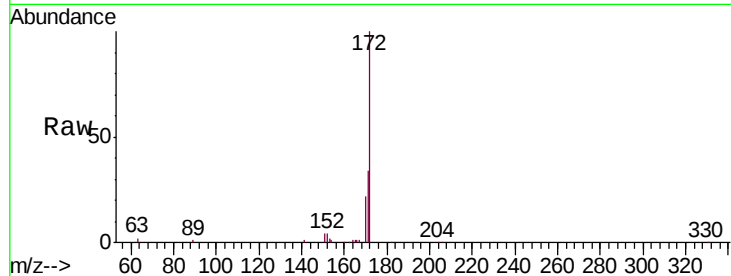




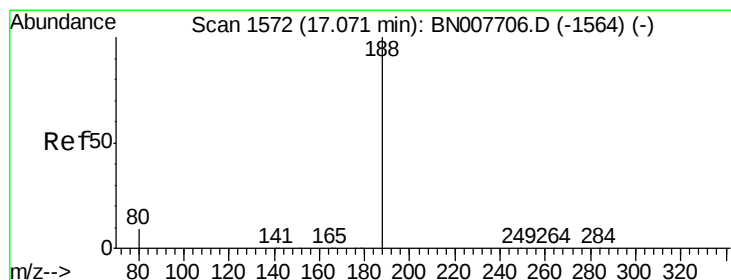
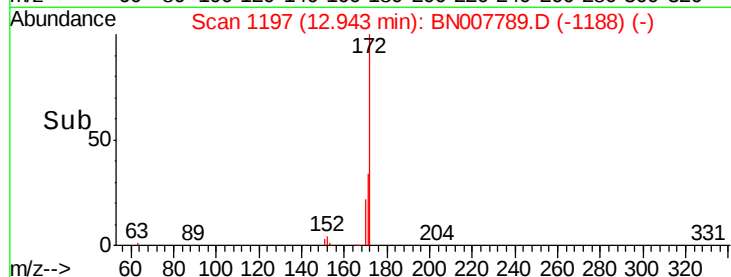
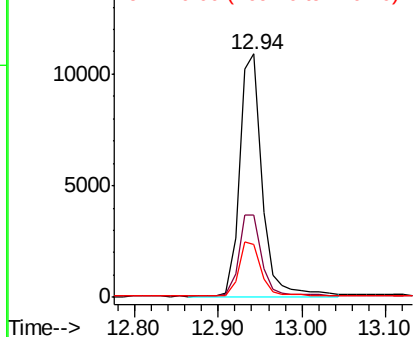
#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007789.D
Acq: 21 Sep 2019 07:16

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:172 Resp: 20204
Ion Ratio Lower Upper
172 100
171 34.1 28.8 43.2
170 21.9 19.5 29.3

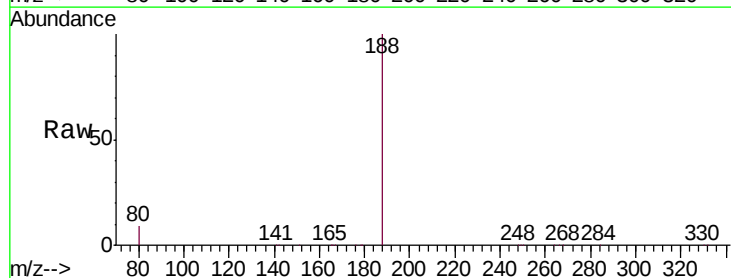


Abundance Ion 172.00 (171.70 to 172.70): E
15000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

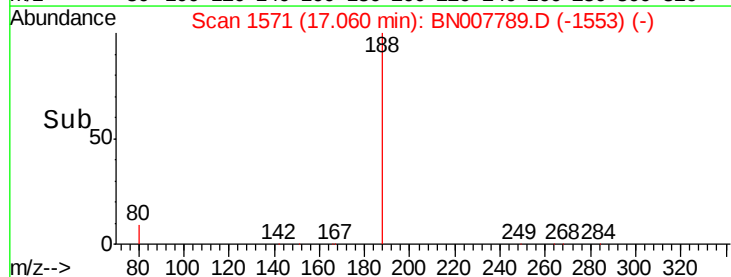
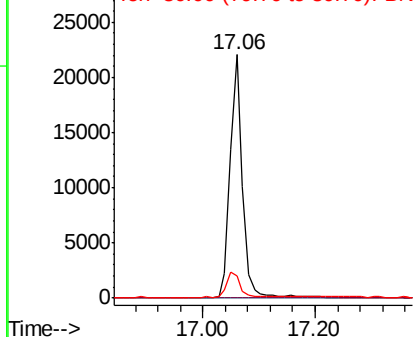


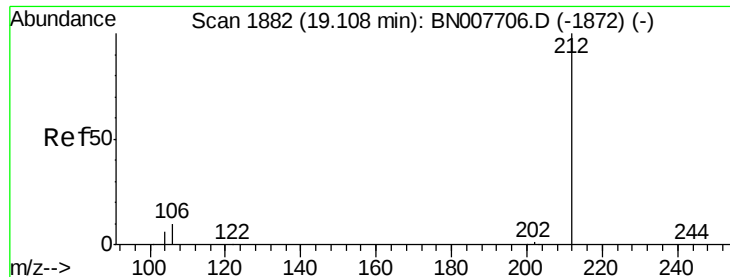
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007789.D
Acq: 21 Sep 2019 07:16

Tgt Ion:188 Resp: 33364
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E
30000 Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

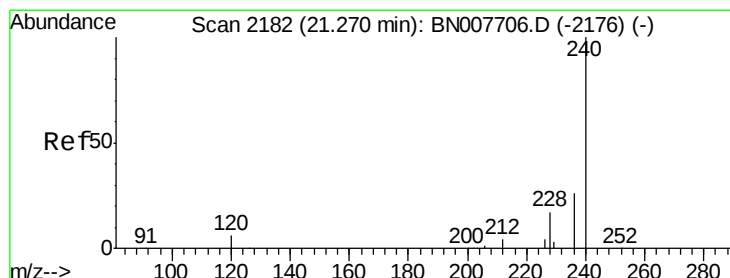
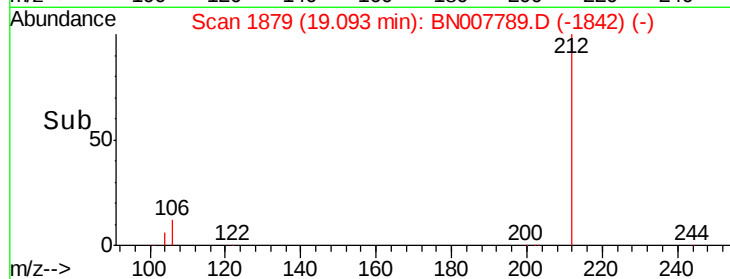
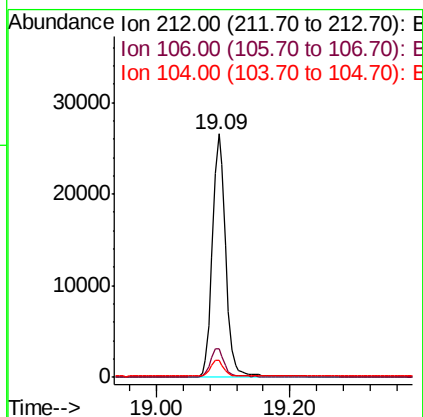
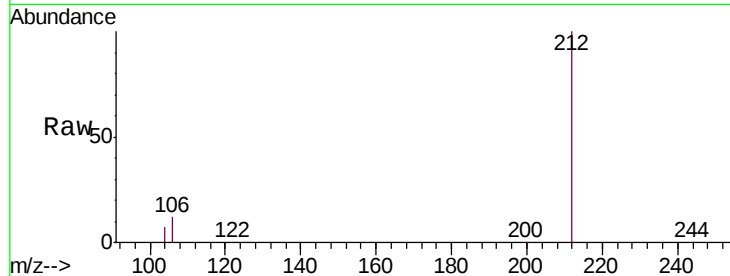




#25
 Fluoranthene-d10
 Concen: 0.326 ng
 RT: 19.09 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BN007789.D
 Acq: 21 Sep 2019 07:16

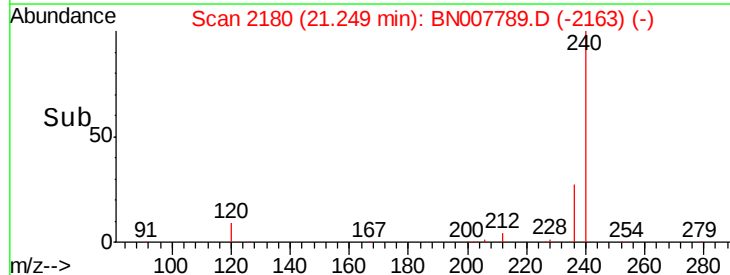
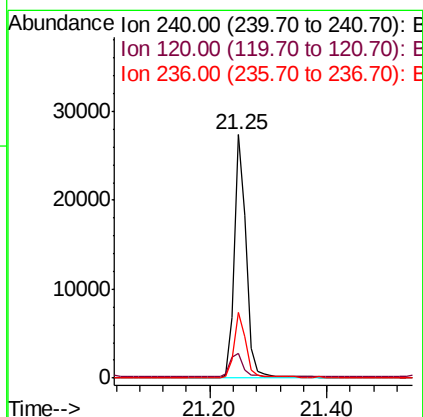
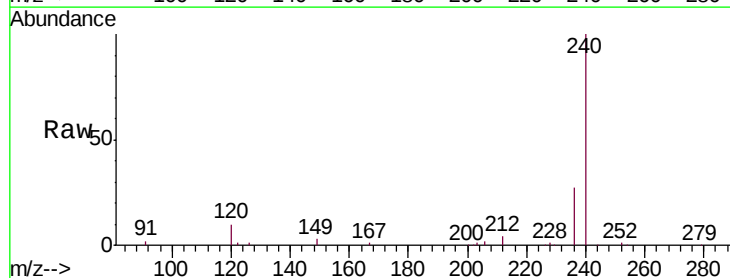
Instrument :
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 RE134D2-20190916

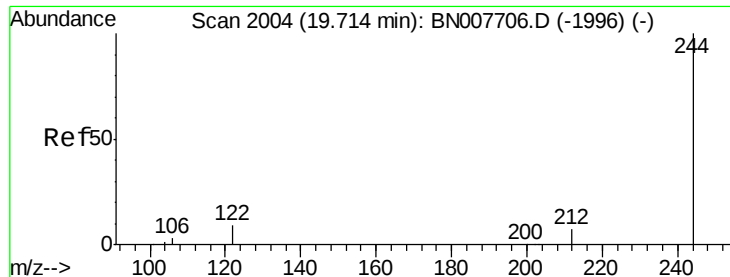
Tgt Ion:212 Resp: 36682
 Ion Ratio Lower Upper
 212 100
 106 12.0 9.4 14.0
 104 6.7 5.3 7.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 2180
 Delta R.T. -0.02 min
 Lab File: BN007789.D
 Acq: 21 Sep 2019 07:16

Tgt Ion:240 Resp: 36966
 Ion Ratio Lower Upper
 240 100
 120 10.2 5.4 8.2#
 236 26.8 21.0 31.4





#29

Terphenyl-d14

Concen: 0.354 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007789.D

Acq: 21 Sep 2019 07:16

Instrument :

BNA_N

ClientSampleId :

RE134D2-20190916

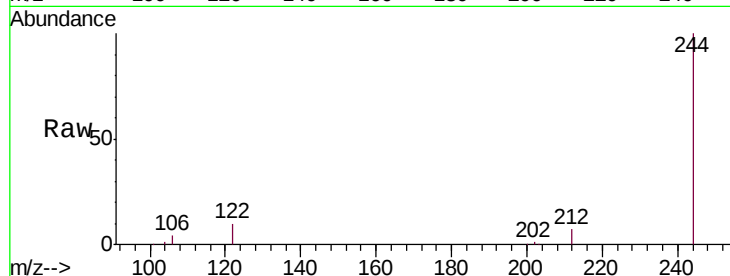
Tgt Ion:244 Resp: 32134

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

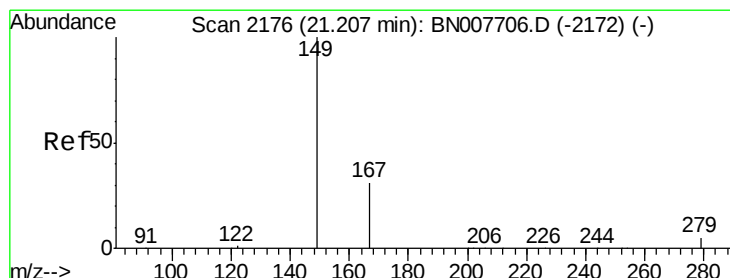
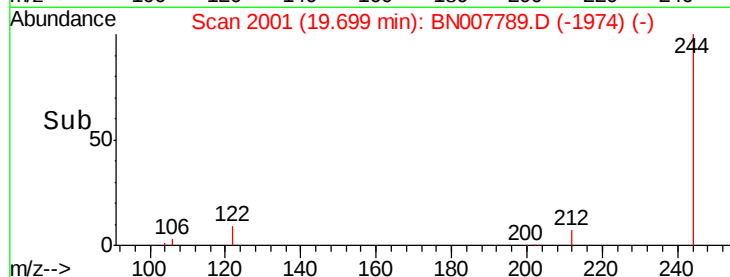
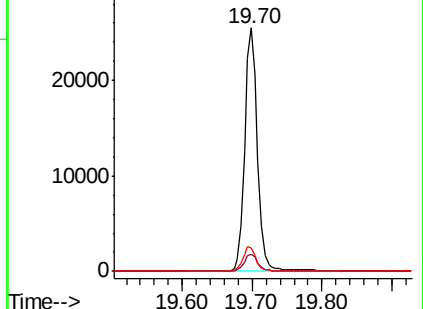
122 9.8 7.4 11.2



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.042 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007789.D

Acq: 21 Sep 2019 07:16

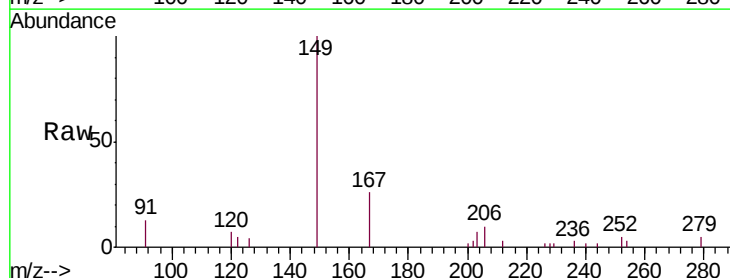
Tgt Ion:149 Resp: 2916

Ion Ratio Lower Upper

149 100

167 26.8 23.7 35.5

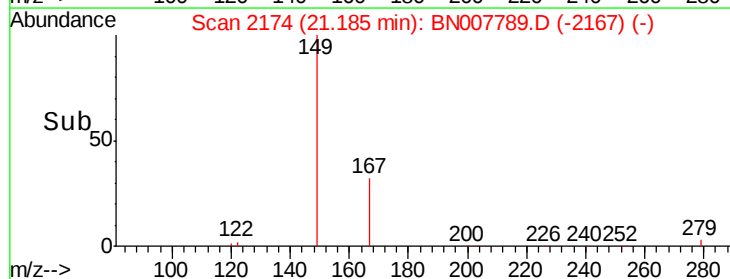
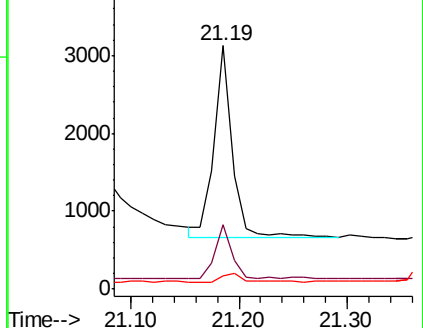
279 5.7 4.2 6.2

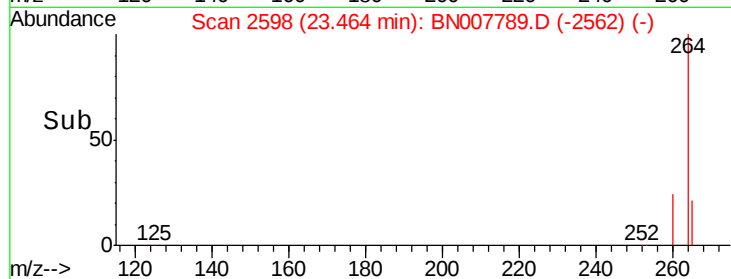
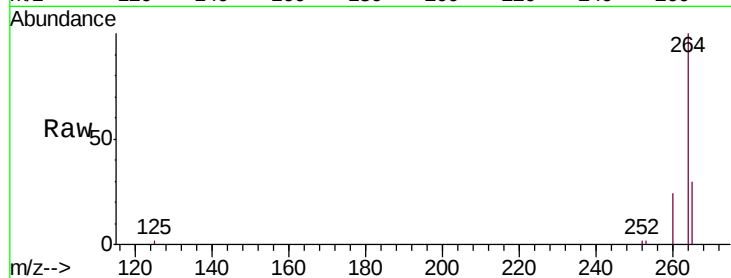
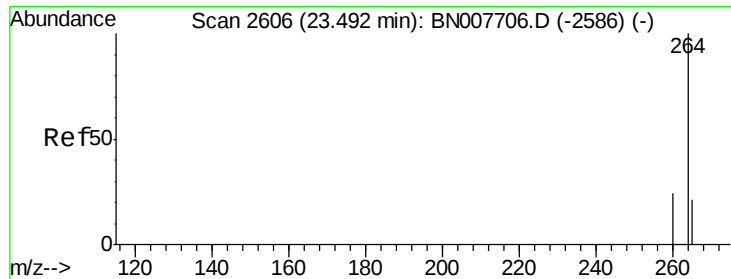


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.46 min Scan# 2598

Delta R.T. -0.03 min

Lab File: BN007789.D

Acq: 21 Sep 2019 07:16

Instrument :

BNA_N

ClientSampleId :

RE134D2-20190916

Tgt Ion:264 Resp: 40894

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 30.4 26.9 40.3

