

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090319\
 Data File : BN007532.D
 Acq On : 03 Sep 2019 11:04
 Operator : HP/JU
 Sample : K4453-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-190820

Quant Time: Sep 03 16:47:21 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

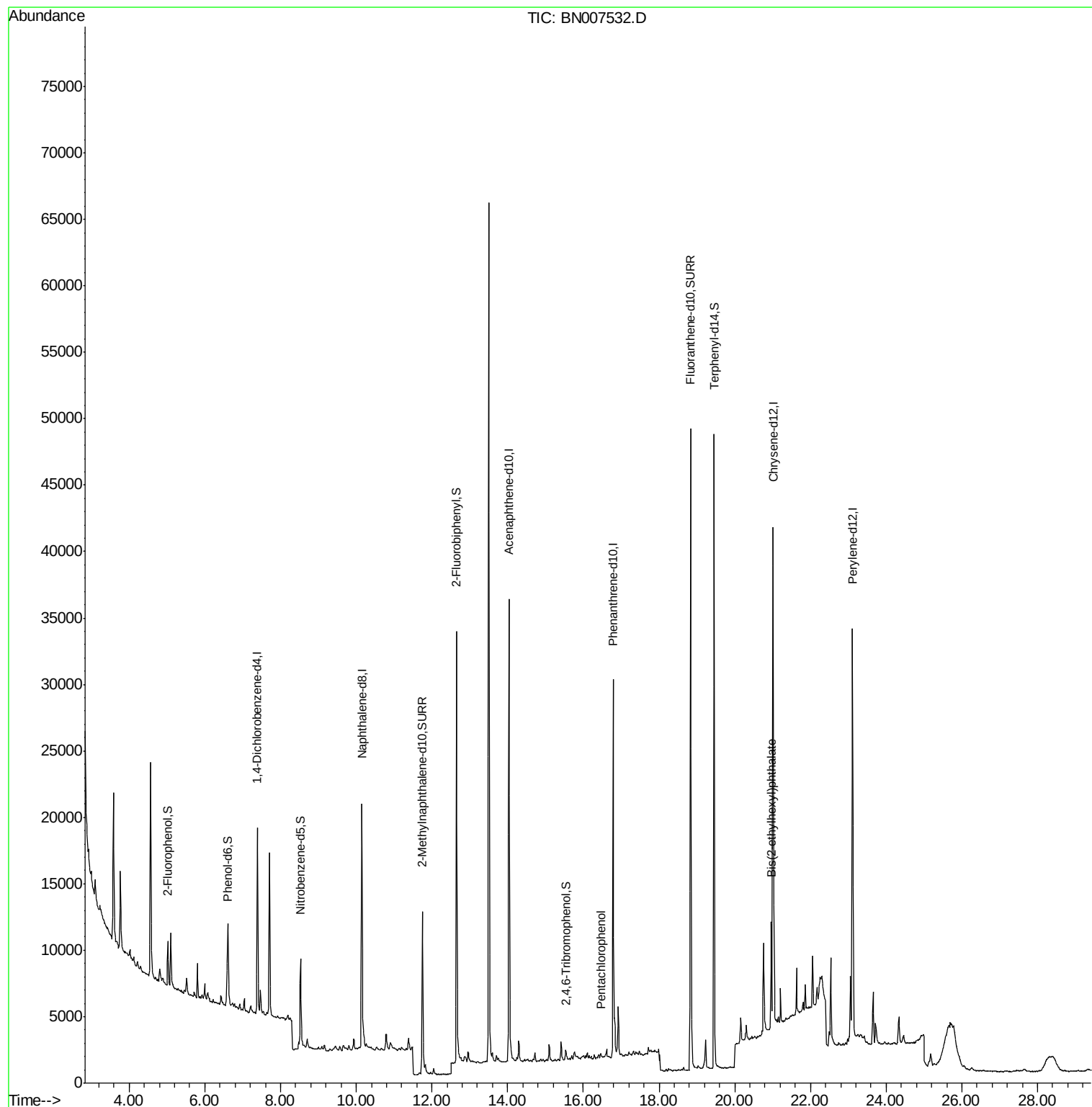
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	7060	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	29810	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	20467	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	44893	0.40	ng	0.00
27) Chrysene-d12	21.02	240	40997	0.40	ng	0.00
34) Perylene-d12	23.11	264	40082	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	3433	0.12	ng	0.00
5) Phenol-d6	6.59	99	2756	0.06	ng	0.00
8) Nitrobenzene-d5	8.53	82	8012	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	20485	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.54	330	748	0.07	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	32405	0.39	ng	0.00
25) Fluoranthene-d10	18.83	212	57752	0.40	ng	-0.01
29) Terphenyl-d14	19.46	244	49874	0.46	ng	-0.01
Target Compounds						
22) Pentachlorophenol	16.46	266	401	0.043	ng	Qvalue # 75
32) Bis(2-ethylhexyl)phthalate	20.96	149	7139	0.050	ng	99

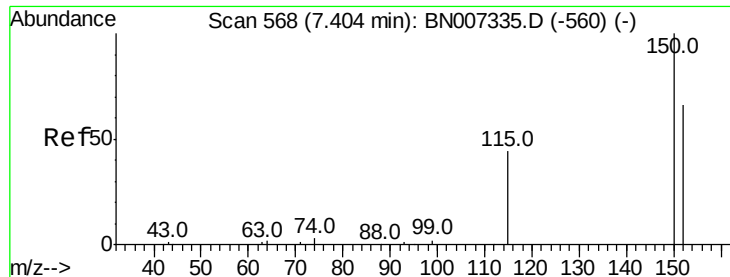
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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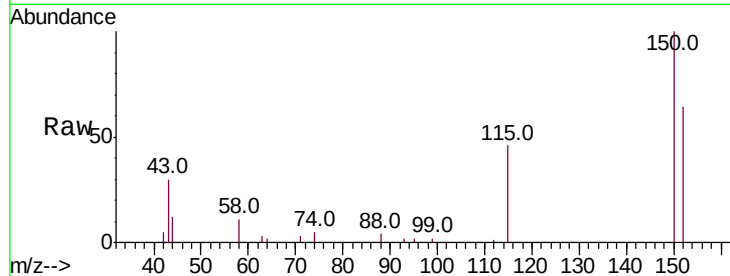


#1

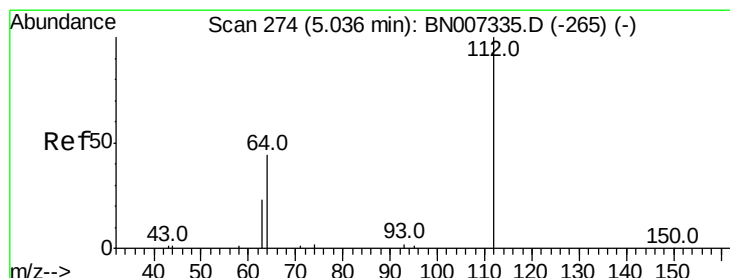
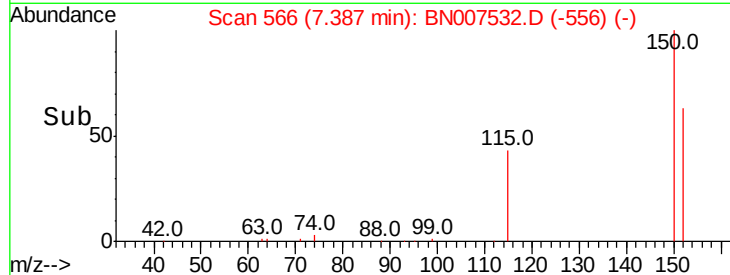
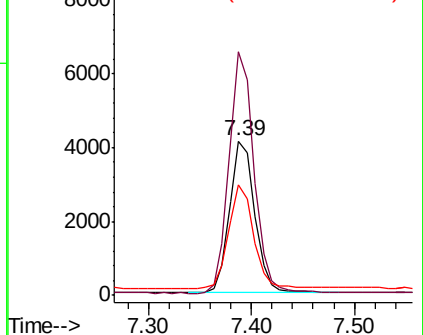
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007532.D
Acq: 03 Sep 2019 11:04

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-190820

Tot Ion:152 Resp: 7060
Ion Ratio Lower Upper
152 100
150 157.5 109.1 163.7
115 71.8 59.6 89.4



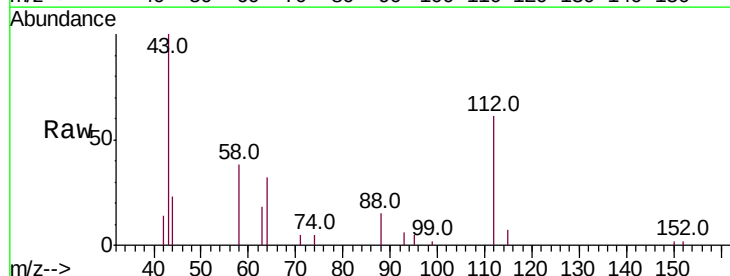
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



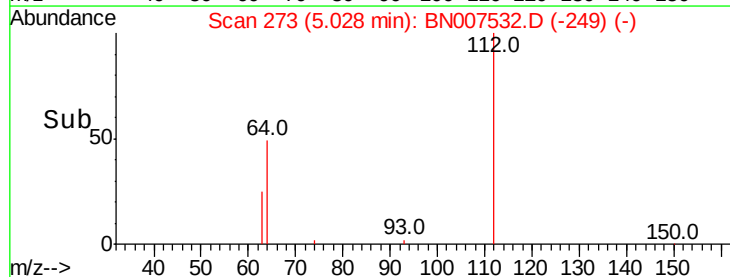
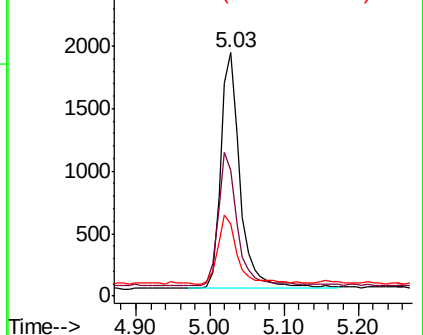
#4

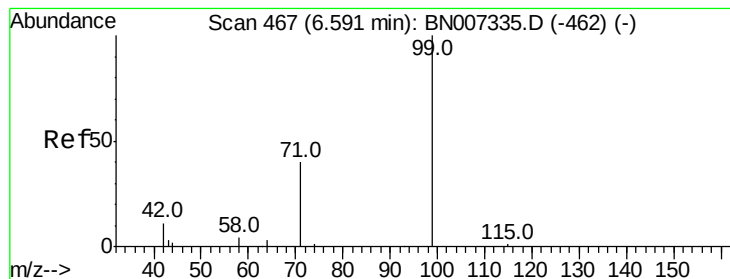
2-Fluorophenol
Concen: 0.120 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007532.D
Acq: 03 Sep 2019 11:04

Tgt Ion:112 Resp: 3433
Ion Ratio Lower Upper
112 100
64 56.1 42.3 63.5
63 29.6 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: 0.063 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007532.D

Acq: 03 Sep 2019 11:04

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190820

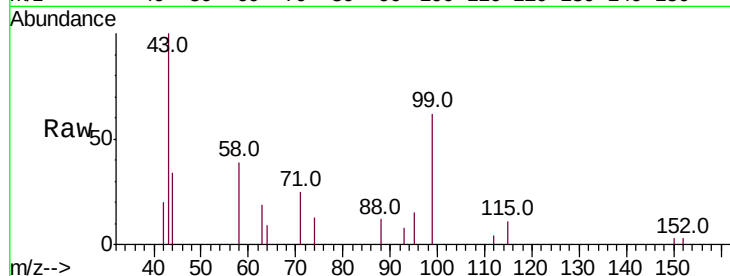
Tot Ion: 99 Resp: 2756

Ion Ratio Lower Upper

99 100

42 22.8 11.2 16.8#

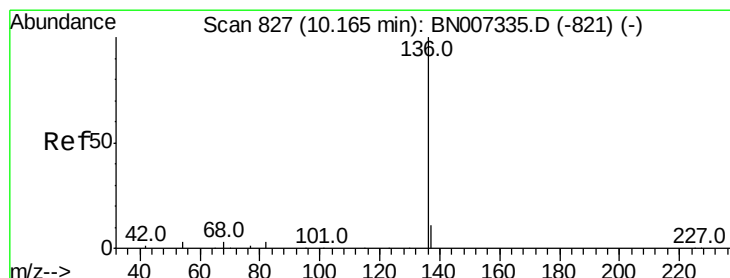
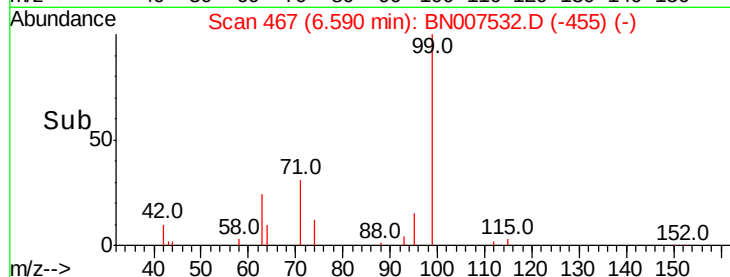
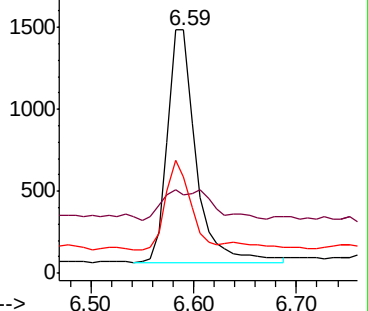
71 33.6 31.8 47.8



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: BN007532.D

Acq: 03 Sep 2019 11:04

Tgt Ion: 136 Resp: 29810

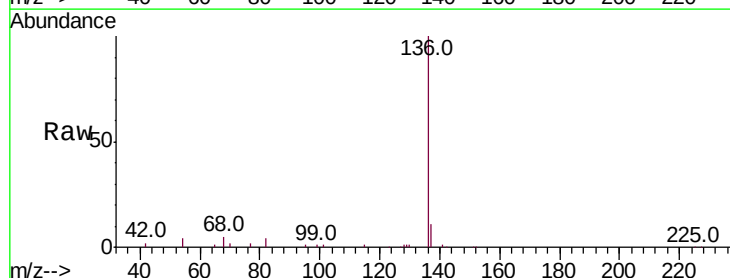
Ion Ratio Lower Upper

136 100

137 11.1 12.9 19.3#

54 4.0 8.6 12.8#

68 5.4 17.0 25.4#

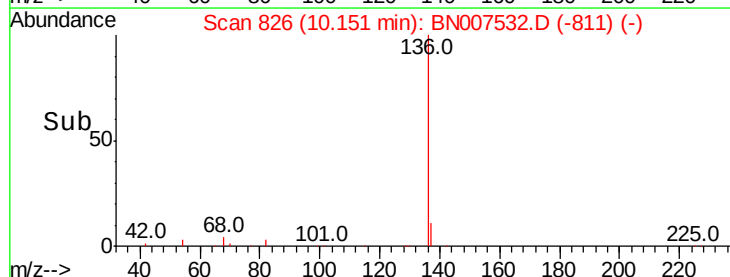
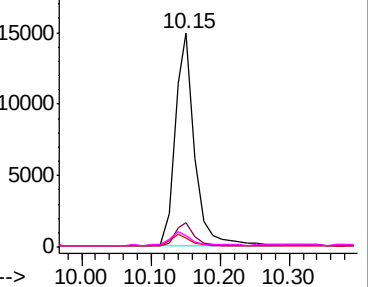


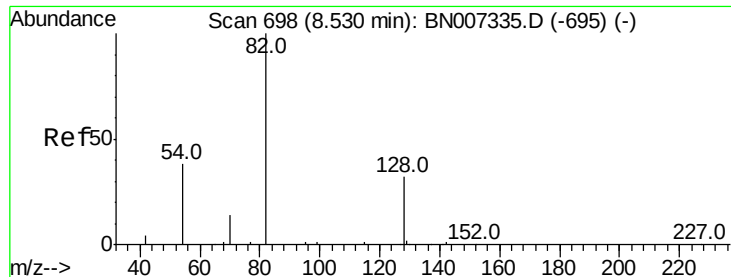
Abundance Ion 136.00 (135.70 to 136.70): BN007335.D (-821) (-)

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) (-)

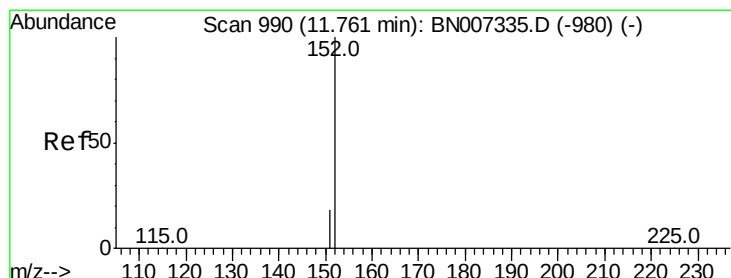
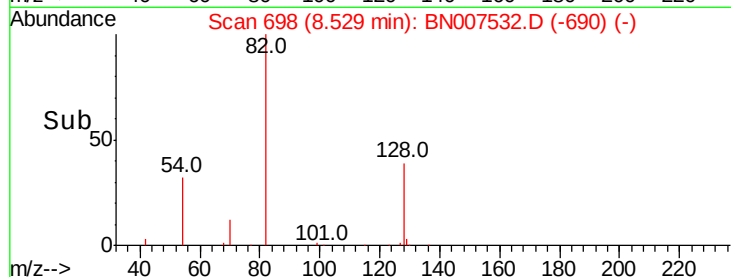
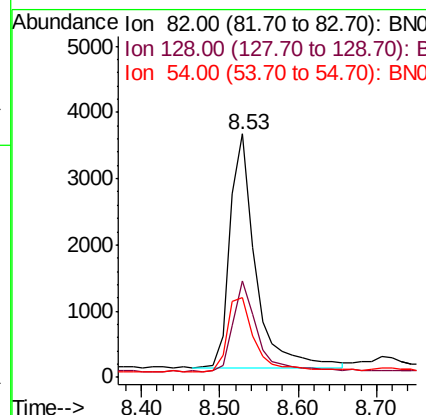
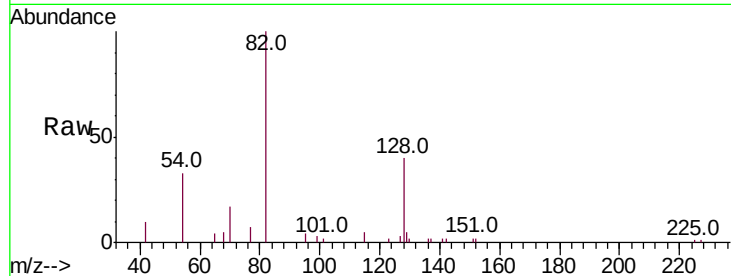




#8
 Nitrobenzene-d5
 Concen: 0.309 ng
 RT: 8.53 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BN007532.D
 Acq: 03 Sep 2019 11:04

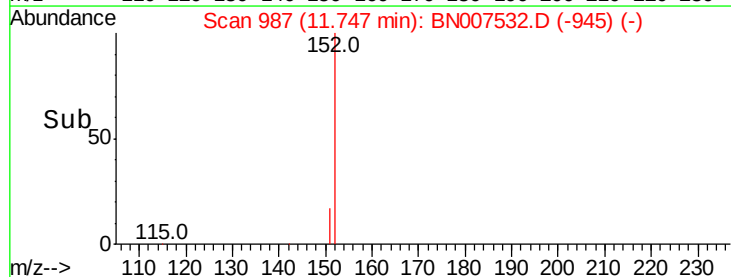
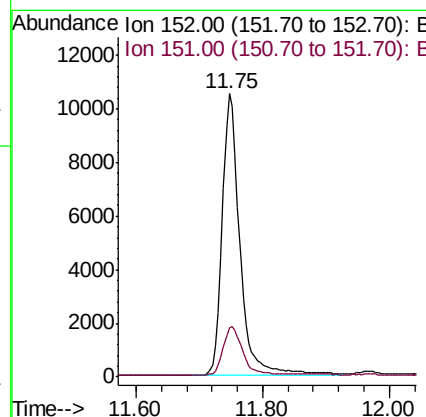
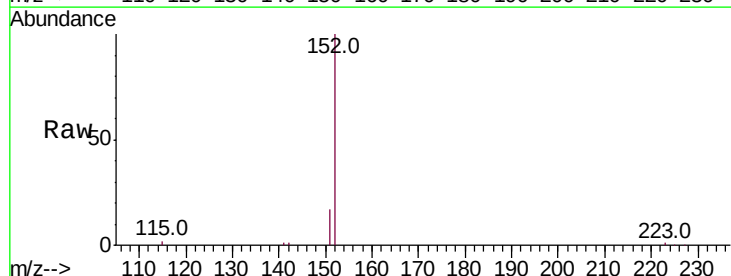
Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-190820

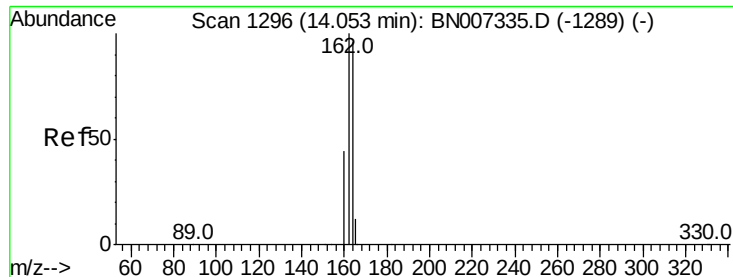
Tot Ion	82	Resp	8012
Ion Ratio	Lower	Upper	
82	100		
128	39.6	19.7	29.5#
54	32.7	25.8	38.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.414 ng
 RT: 11.75 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BN007532.D
 Acq: 03 Sep 2019 11:04

Tgt Ion	152	Resp	20485
Ion Ratio	Lower	Upper	
152	100		
151	18.9	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: BN007532.D

Acq: 03 Sep 2019 11:04

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190820

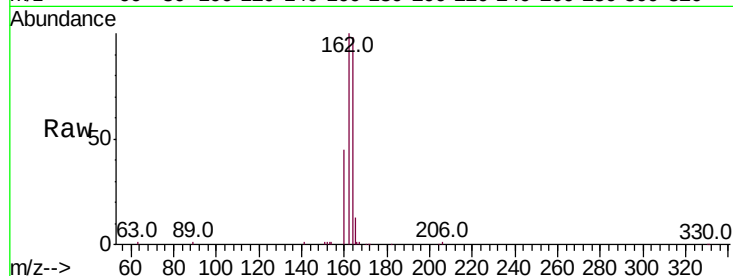
Tot Ion:164 Resp: 20467

Ion Ratio Lower Upper

164 100

162 102.3 83.5 125.3

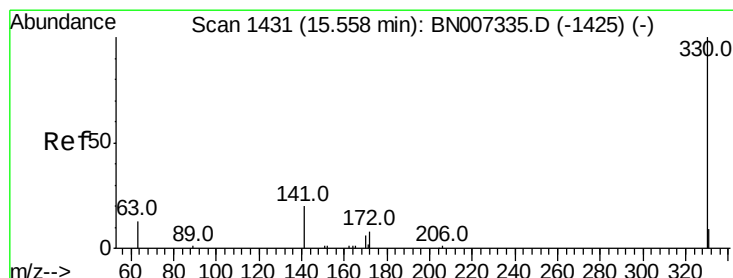
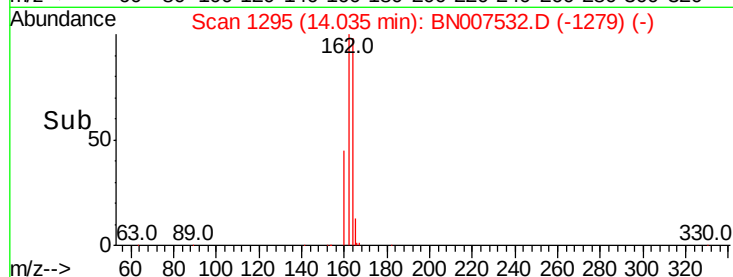
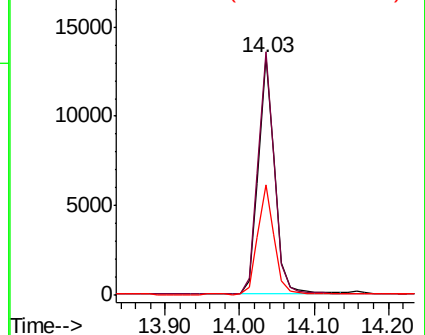
160 46.3 38.2 57.4



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: 0.070 ng

RT: 15.54 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BN007532.D

Acq: 03 Sep 2019 11:04

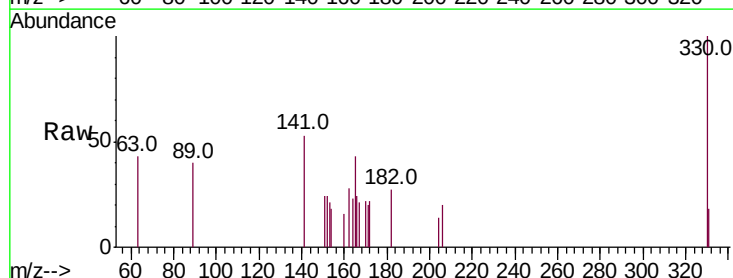
Tgt Ion:330 Resp: 748

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

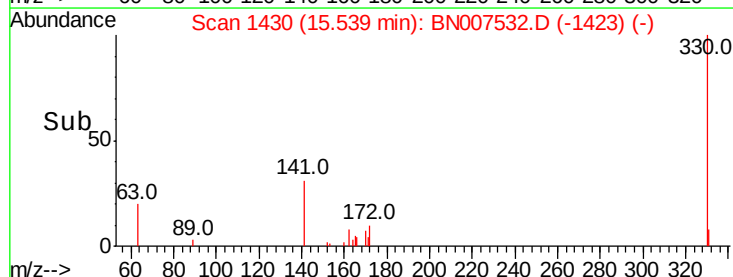
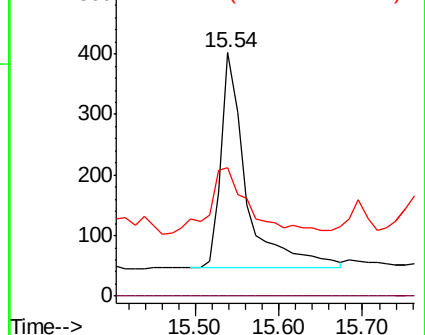
141 49.2 26.9 40.3#

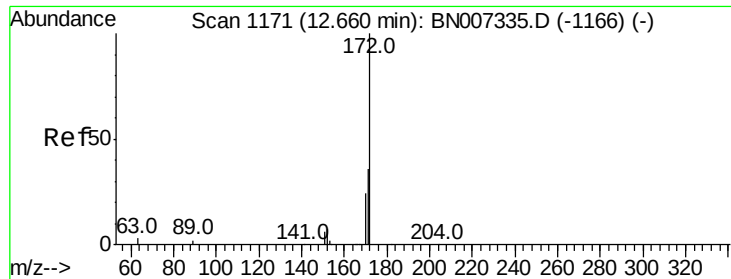


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

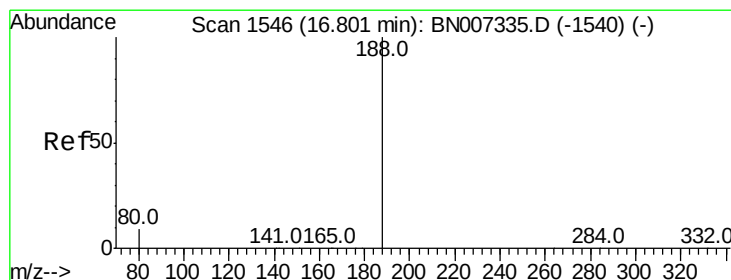
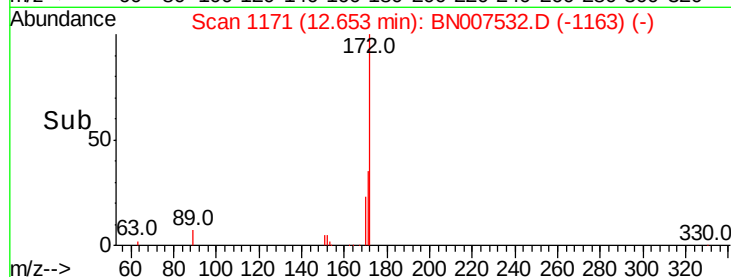
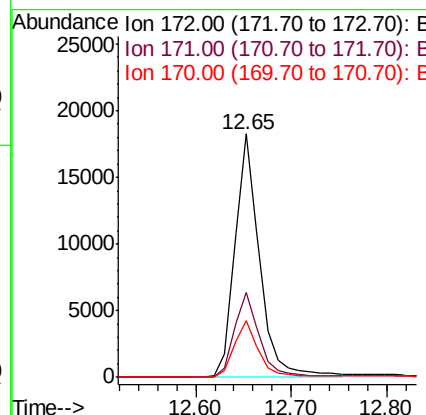
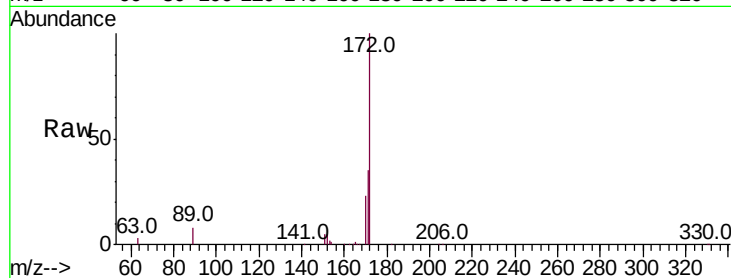




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007532.D
Acq: 03 Sep 2019 11:04

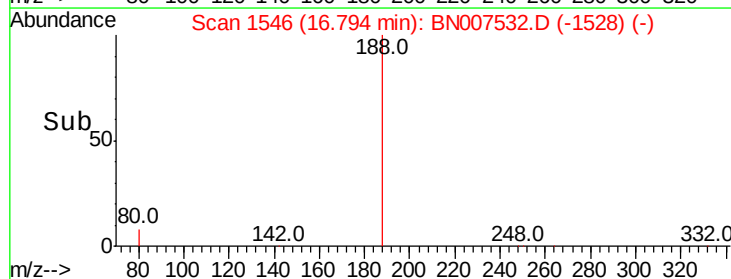
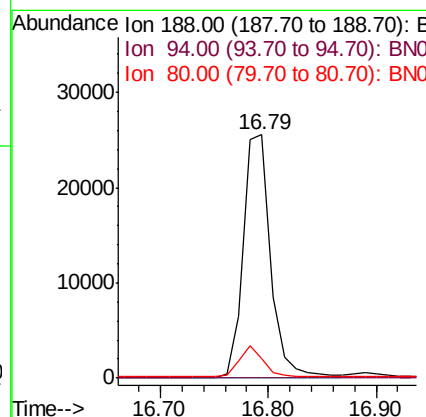
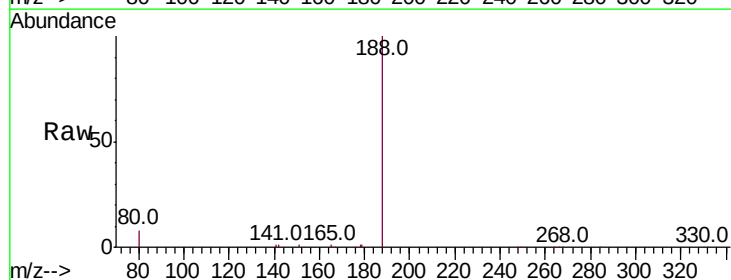
Instrument :
BNA_N
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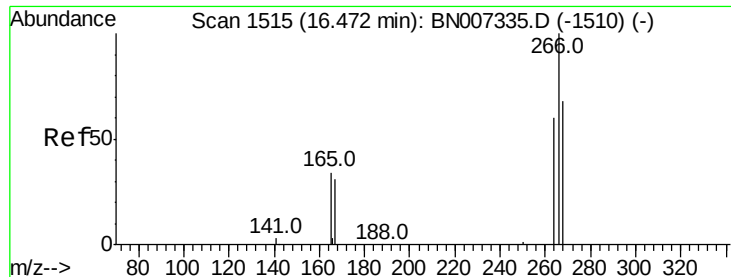
Tot Ion:172 Resp: 32405
Ion Ratio Lower Upper
172 100
171 35.1 30.3 45.5
170 23.3 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007532.D
Acq: 03 Sep 2019 11:04

Tgt Ion:188 Resp: 44893
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 11.8 17.8#

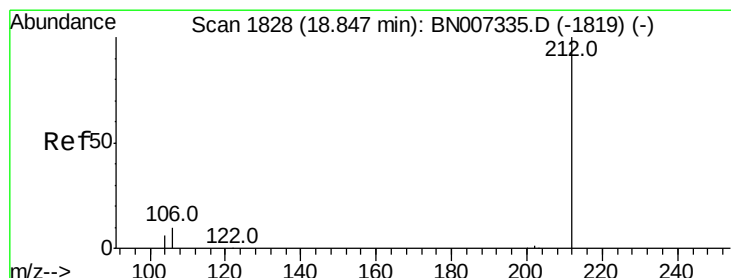
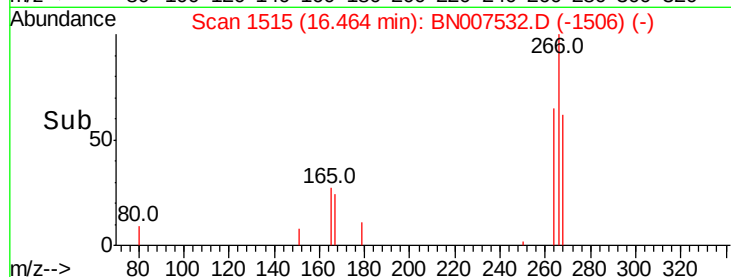
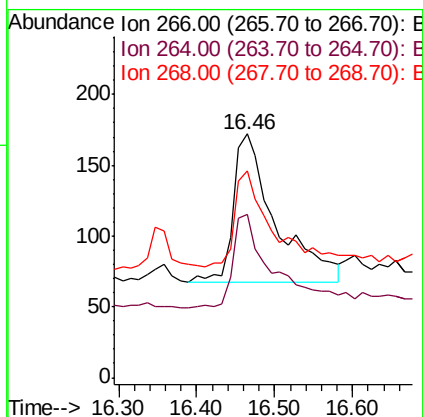
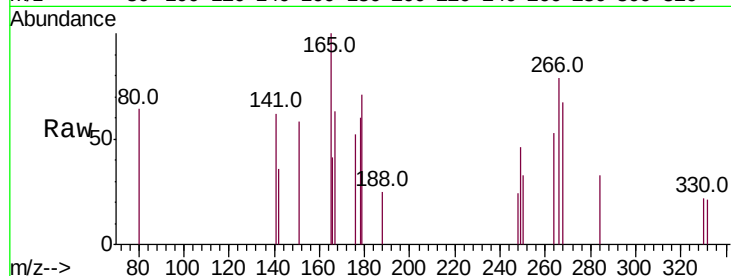




#22
 Pentachlorophenol
 Concen: 0.043 ng
 RT: 16.46 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BN007532.D
 Acq: 03 Sep 2019 11:04

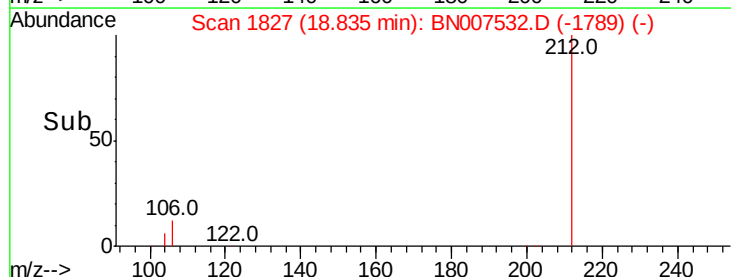
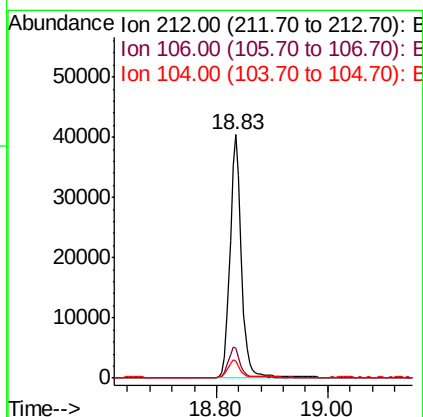
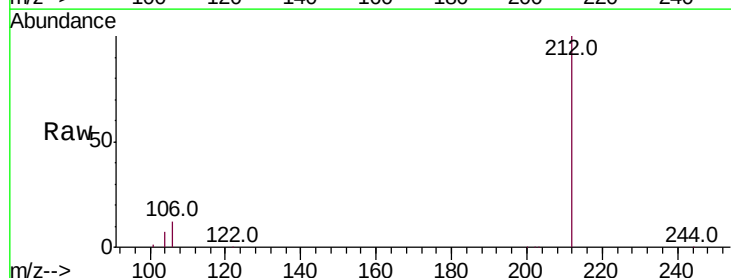
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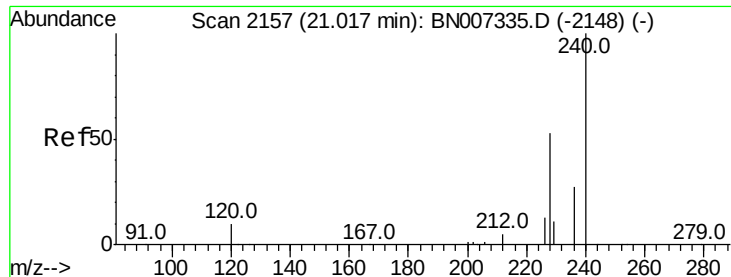
Tot Ion:266 Resp: 401
 Ion Ratio Lower Upper
 266 100
 264 66.9 57.8 86.8
 268 84.9 99.7 149.5#



#25
 Fluoranthene-d10
 Concen: 0.399 ng
 RT: 18.83 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BN007532.D
 Acq: 03 Sep 2019 11:04

Tgt Ion:212 Resp: 57752
 Ion Ratio Lower Upper
 212 100
 106 12.6 9.0 13.4
 104 7.1 5.4 8.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007532.D

Acq: 03 Sep 2019 11:04

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190820

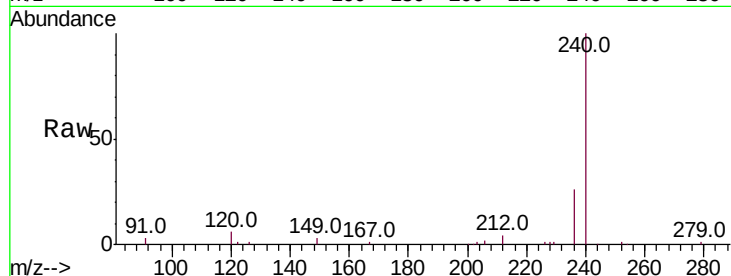
Tot Ion:240 Resp: 40997

Ion Ratio Lower Upper

240 100

120 5.6 9.6 14.4#

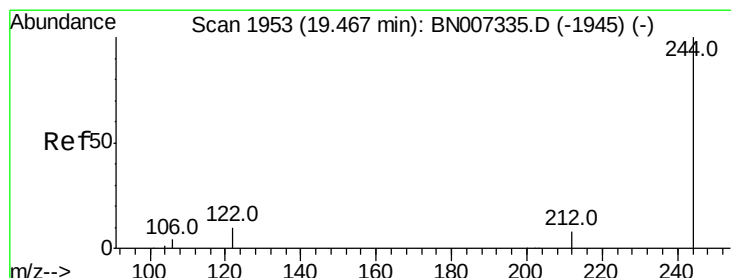
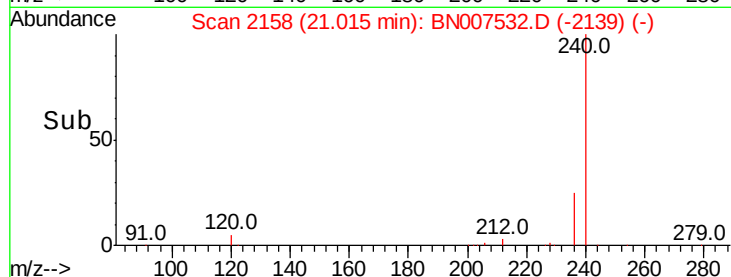
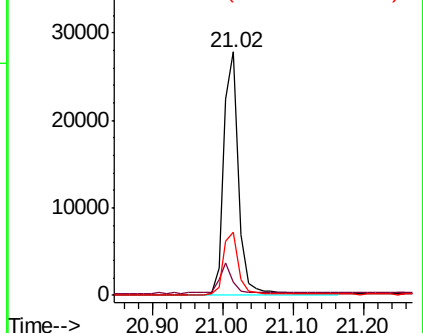
236 25.7 22.2 33.2



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: 0.465 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BN007532.D

Acq: 03 Sep 2019 11:04

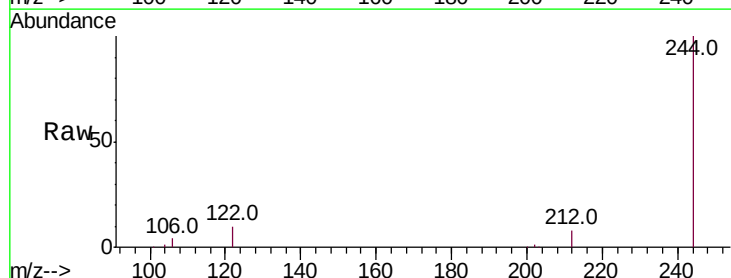
Tgt Ion:244 Resp: 49874

Ion Ratio Lower Upper

244 100

212 7.6 7.0 10.6

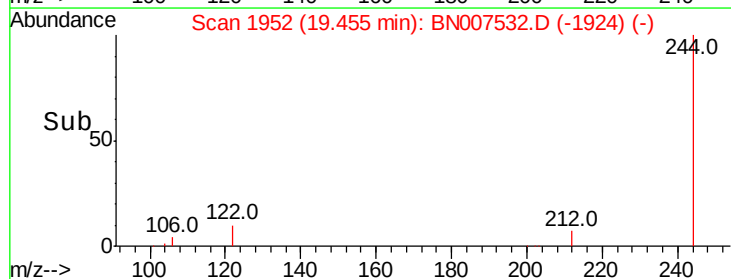
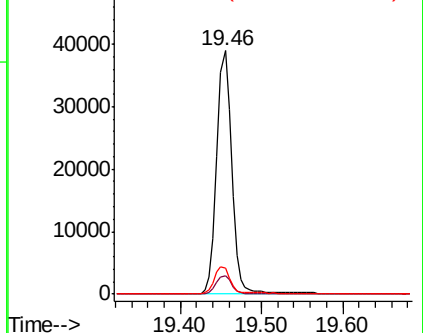
122 10.5 9.6 14.4

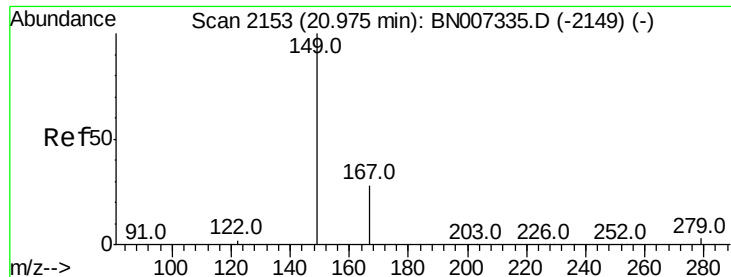


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.050 ng

RT: 20.96 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BN007532.D

Acq: 03 Sep 2019 11:04

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190820

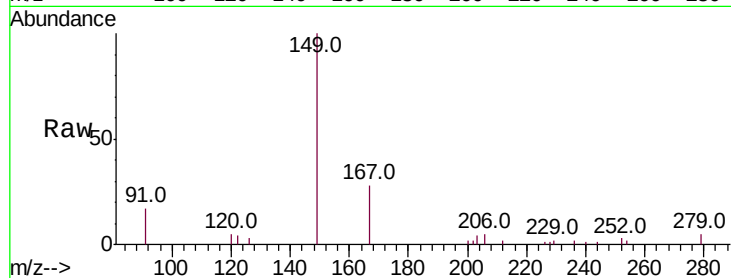
Tot Ion:149 Resp: 7139

Ion Ratio Lower Upper

149 100

167 27.8 22.8 34.2

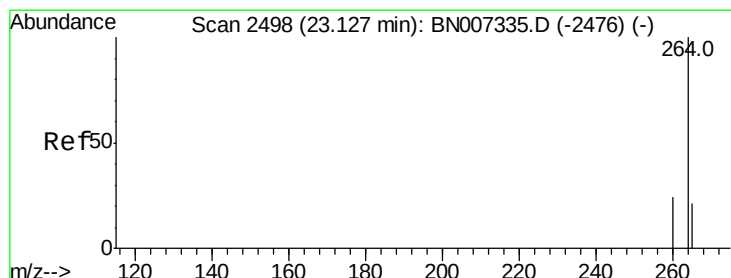
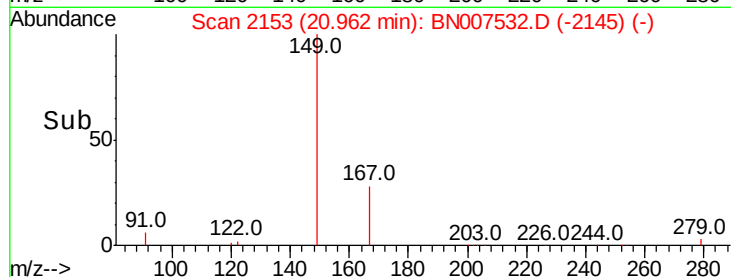
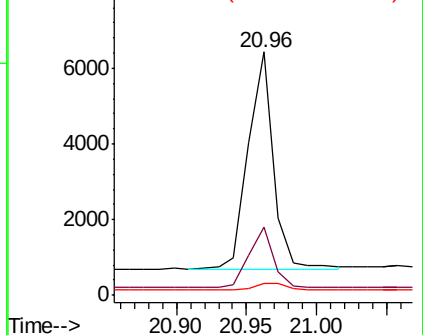
279 4.2 3.5 5.3



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

Perylene-d12

Concen: 0.400 ng

RT: 23.11 min Scan# 2495

Delta R.T. -0.02 min

Lab File: BN007532.D

Acq: 03 Sep 2019 11:04

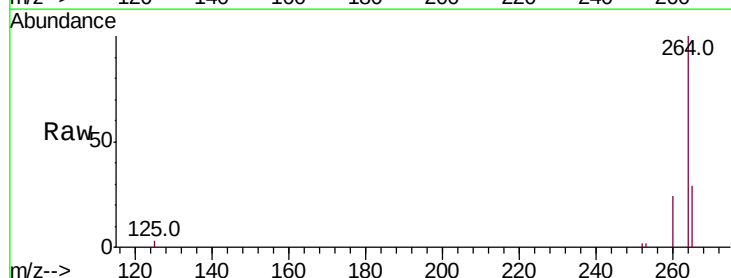
Tgt Ion:264 Resp: 40082

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 28.6 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

