

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061520\
 Data File : BN010900.D
 Acq On : 16 Jun 2020 10:23
 Operator : CG/JU
 Sample : L2993-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY024MW068-200610

Quant Time: Jun 16 11:05:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

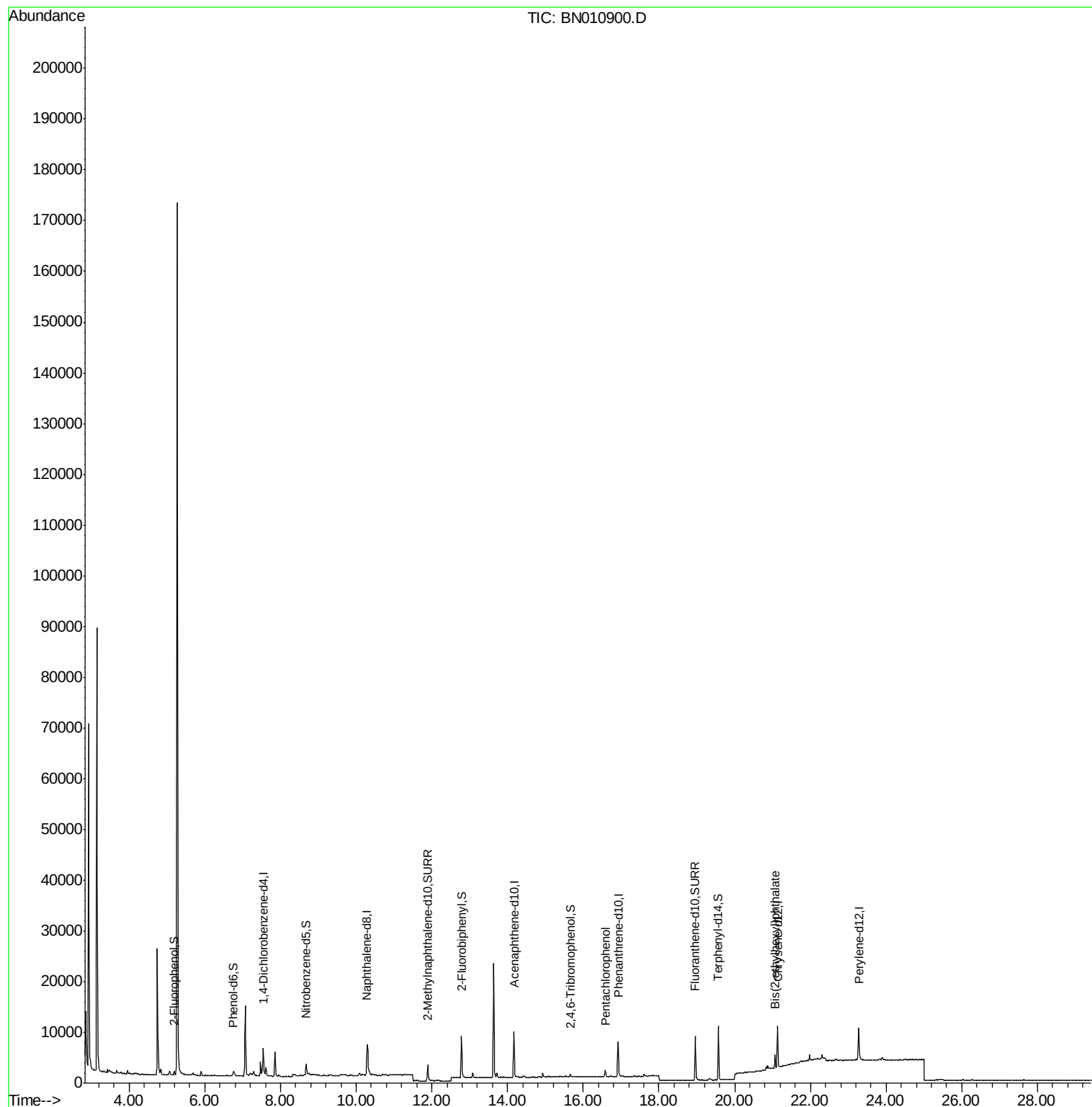
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2681	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	9600	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	5637	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	11184	0.40	ng	0.00
27) Chrysene-d12	21.13	240	9432	0.40	ng	0.00
34) Perylene-d12	23.28	264	8722	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	821	0.16	ng	0.00
5) Phenol-d6	6.74	99	521	0.09	ng	0.00
8) Nitrobenzene-d5	8.68	82	2685	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	4854	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	568	0.28	ng	-0.01
15) 2-Fluorobiphenyl	12.79	172	8157	0.37	ng	0.00
25) Fluoranthene-d10	18.96	212	11205	0.36	ng	0.00
29) Terphenyl-d14	19.57	244	11373	0.52	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.58	266	689	0.293	ng	97
32) Bis(2-ethylhexyl)phthalate	21.07	149	2261	0.245	ng	96

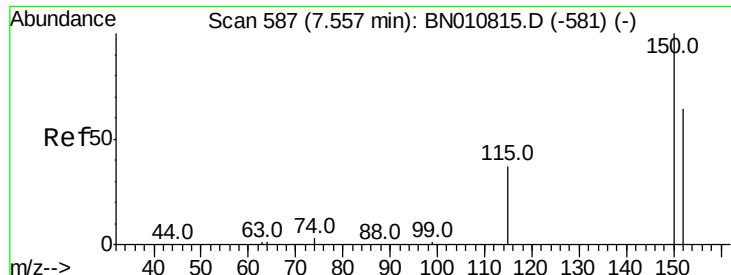
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.54 min Scan# 585

Delta R.T. -0.01 min

Lab File: BN010900.D

Acq: 16 Jun 2020 10:23

Instrument :

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ClientSampleId :

KY024MW068-200610

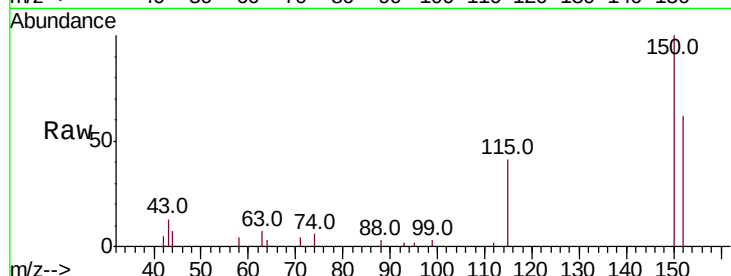
Tot Ion:152 Resp: 2681

Ion Ratio Lower Upper

152 100

150 160.3 123.8 185.6

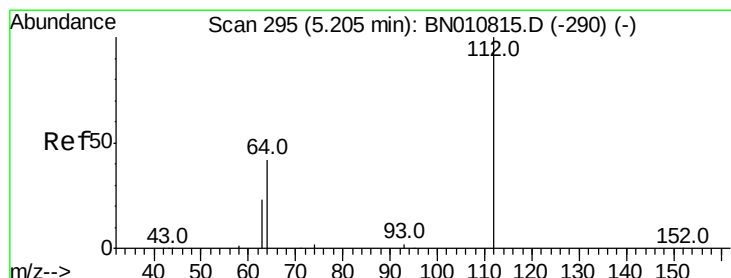
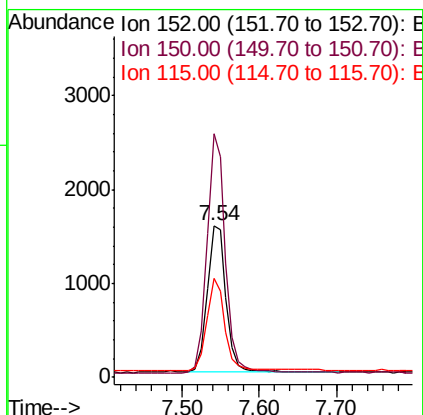
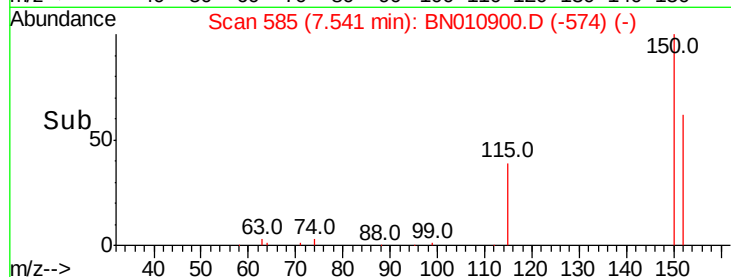
115 65.2 49.2 73.8



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: 0.159 ng

RT: 5.20 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN010900.D

Acq: 16 Jun 2020 10:23

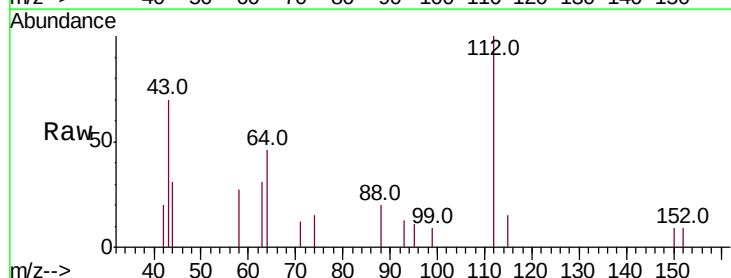
Tgt Ion:112 Resp: 821

Ion Ratio Lower Upper

112 100

64 44.9 37.4 56.0

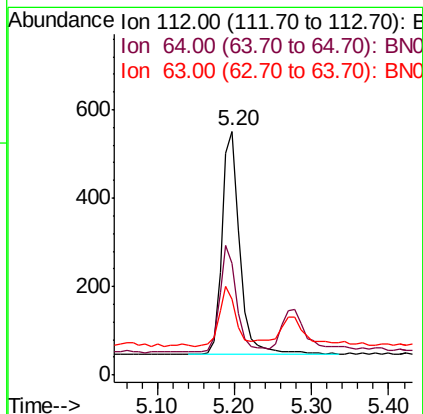
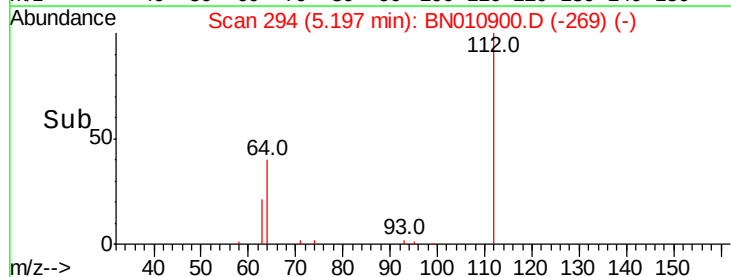
63 24.8 22.2 33.4

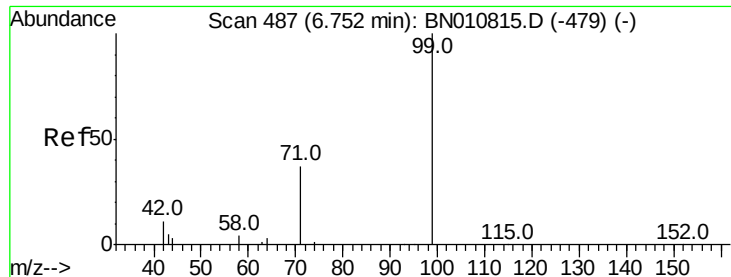


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.085 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.00 min

Lab File: BN010900.D

Acq: 16 Jun 2020 10:23

Instrument :

BNA_N

ClientSampleId :

KY024MW068-200610

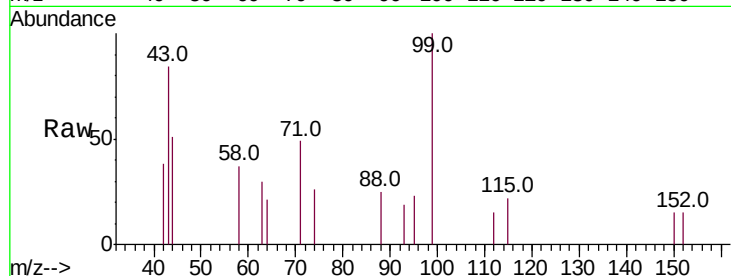
Tot Ion: 99 Resp: 521

Ion Ratio Lower Upper

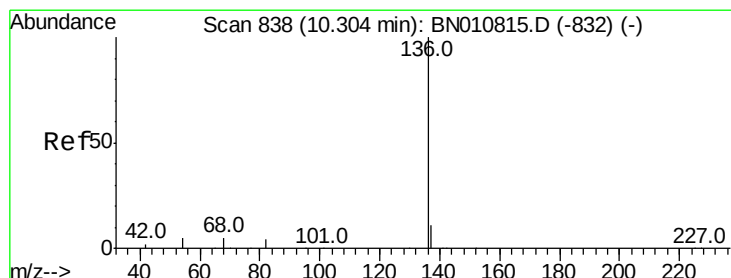
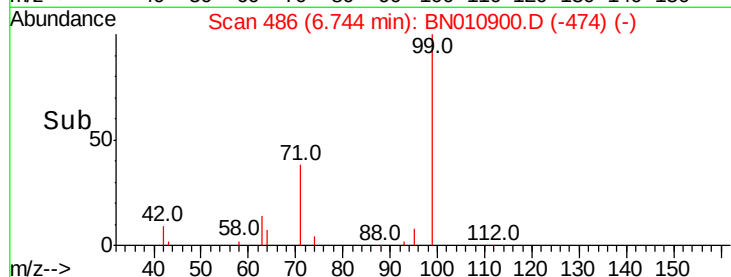
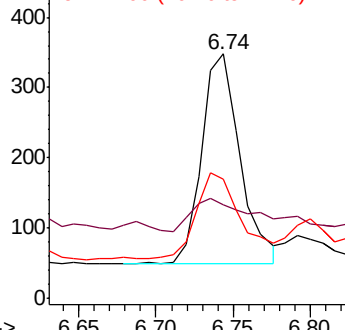
99 100

42 28.2 11.1 16.7#

71 47.2 31.4 47.2#



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010900.D

Acq: 16 Jun 2020 10:23

Tgt Ion: 136 Resp: 9600

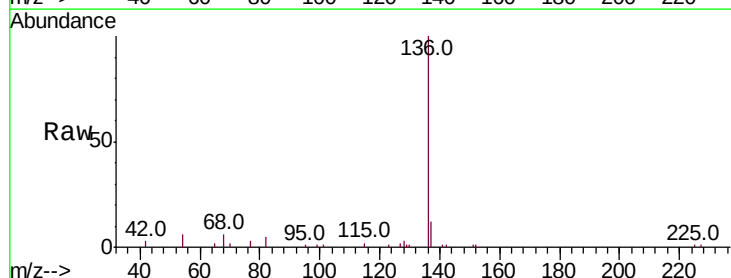
Ion Ratio Lower Upper

136 100

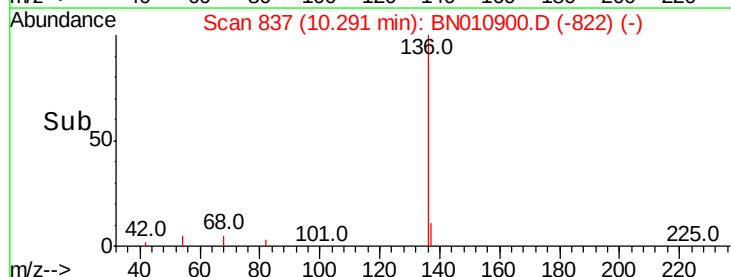
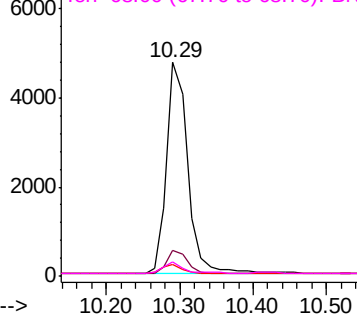
137 11.9 9.7 14.5

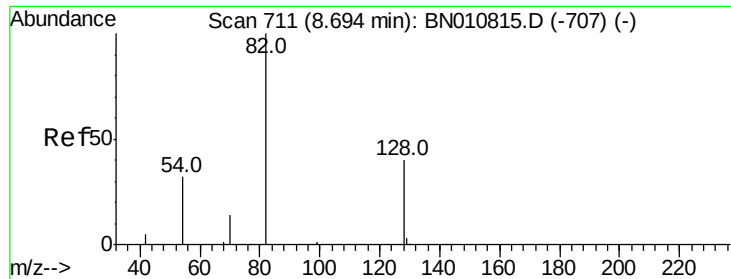
54 5.7 4.9 7.3

68 6.4 4.7 7.1



Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)





#8

Nitrobenzene-d5

Concen: 0.378 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.00 min

Lab File: BN010900.D

Acq: 16 Jun 2020 10:23

Instrument :

BNA_N

ClientSampleId :

KY024MW068-200610

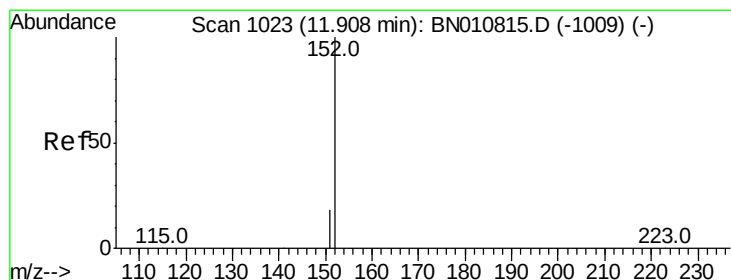
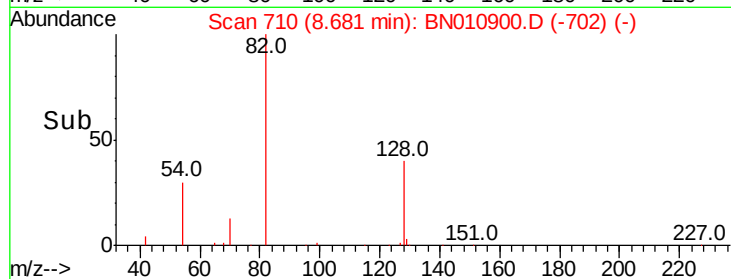
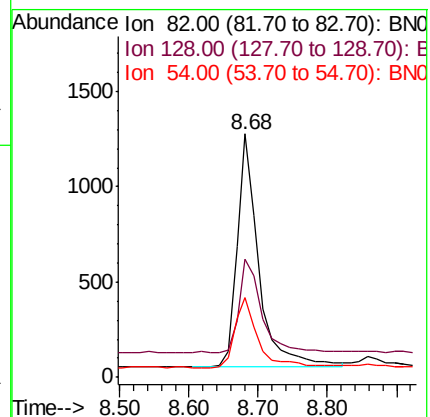
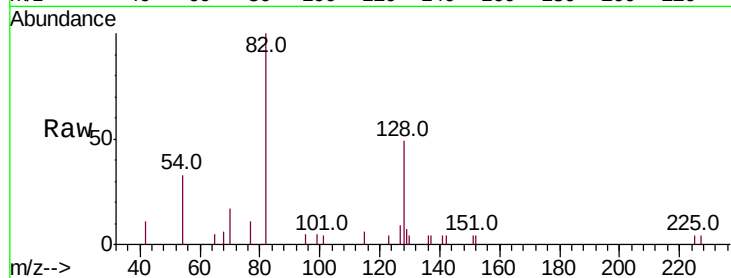
Tot Ion: 82 Resp: 2685

Ion Ratio Lower Upper

82 100

128 48.6 35.4 53.0

54 33.0 28.2 42.4



#11

2-Methylnaphthalene-d10

Concen: 0.326 ng

RT: 11.89 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BN010900.D

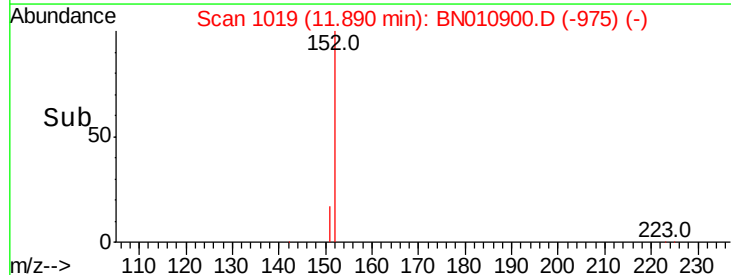
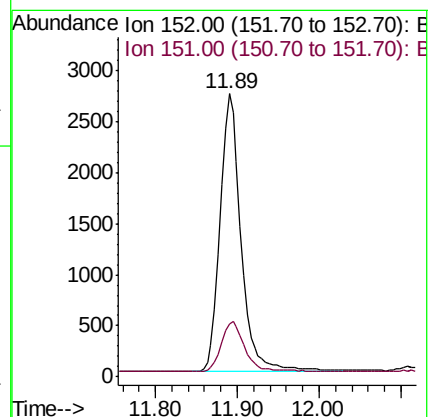
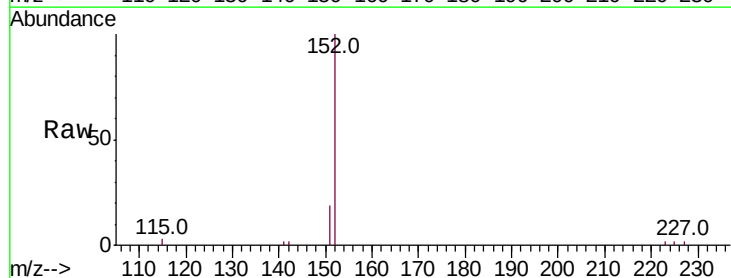
Acq: 16 Jun 2020 10:23

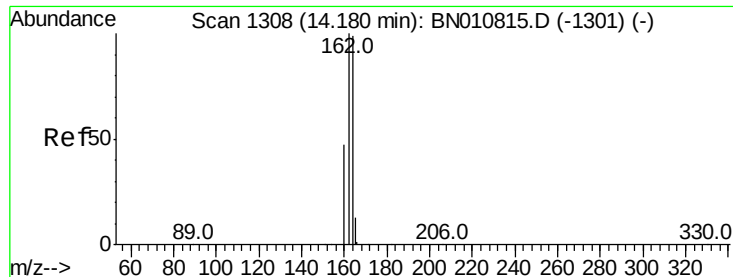
Tgt Ion: 152 Resp: 4854

Ion Ratio Lower Upper

152 100

151 19.4 15.3 22.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BN010900.D

Acq: 16 Jun 2020 10:23

Instrument :

BNA_N

ClientSampleId :

KY024MW068-200610

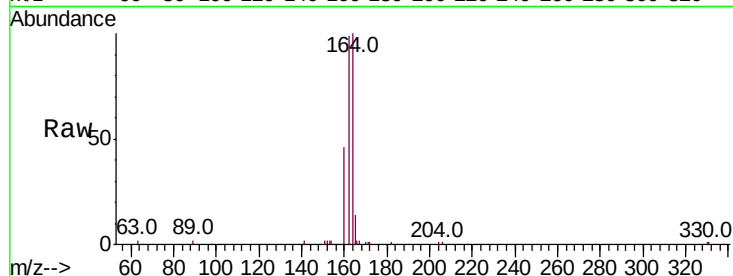
Tot Ion:164 Resp: 5637

Ion Ratio Lower Upper

164 100

162 98.8 81.0 121.6

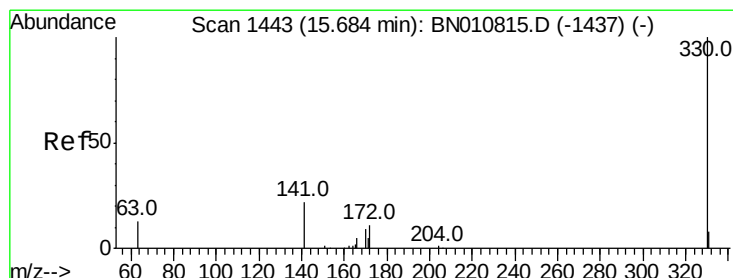
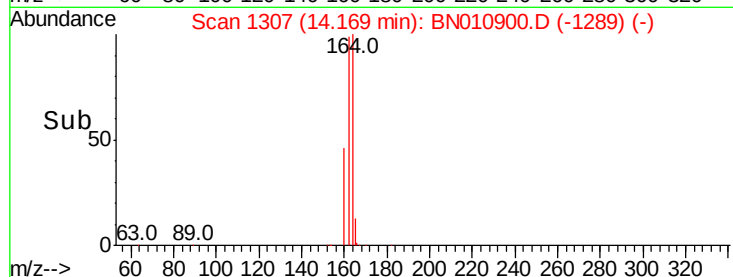
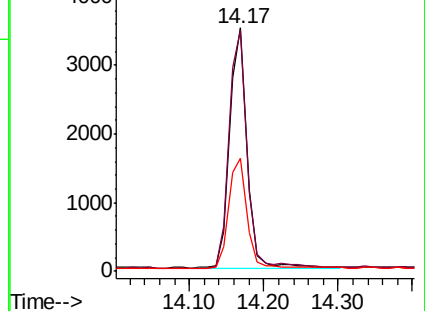
160 46.3 38.9 58.3



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: 0.282 ng

RT: 15.66 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BN010900.D

Acq: 16 Jun 2020 10:23

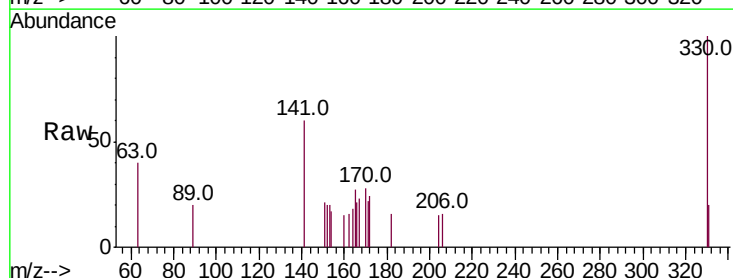
Tgt Ion:330 Resp: 568

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

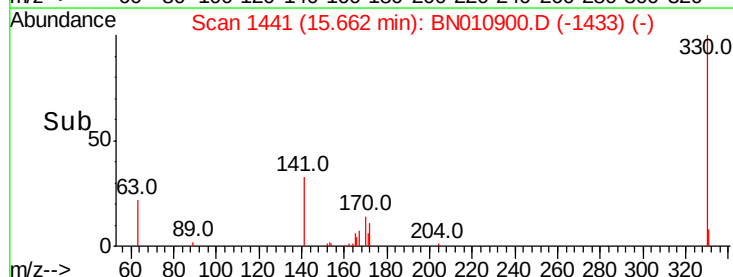
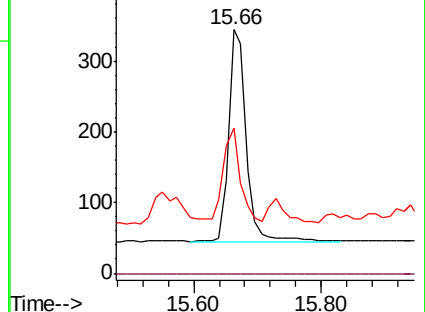
141 41.0 33.2 49.8

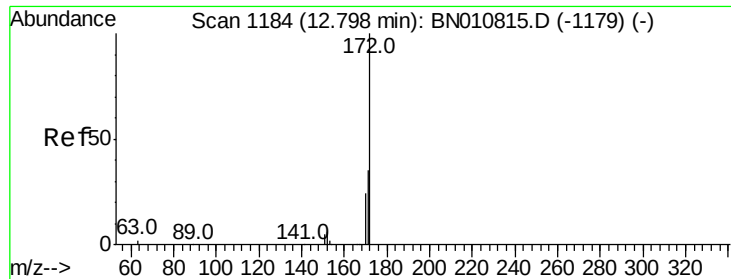


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

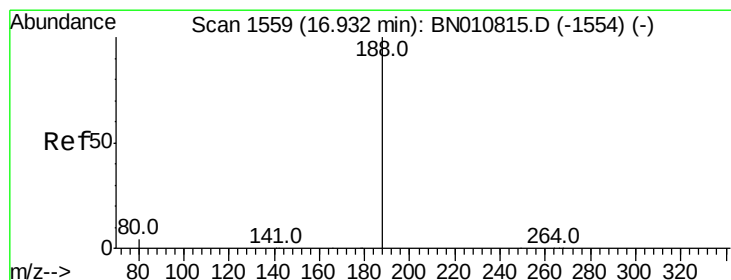
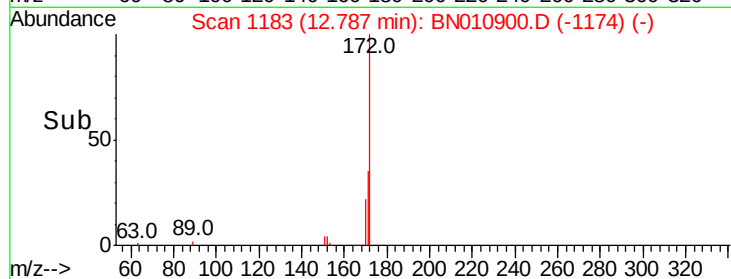
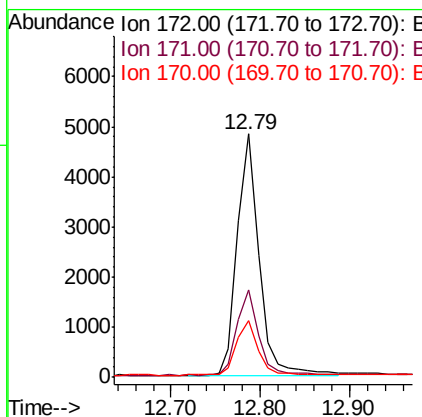
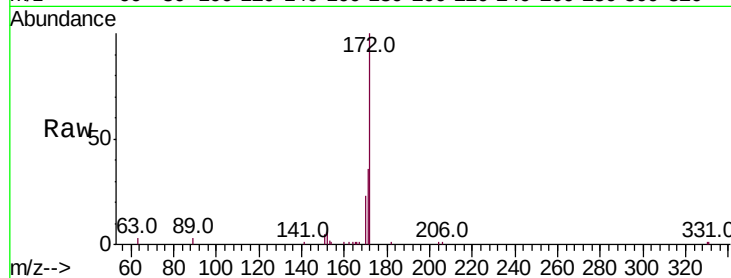




#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010900.D
Acq: 16 Jun 2020 10:23

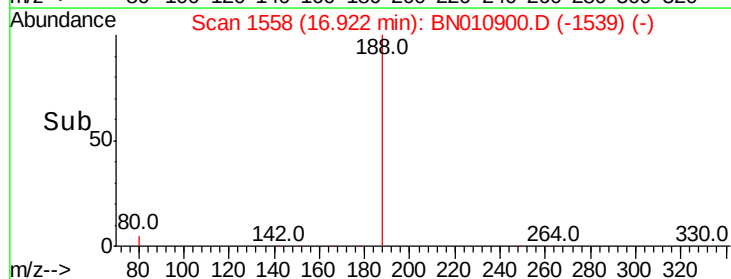
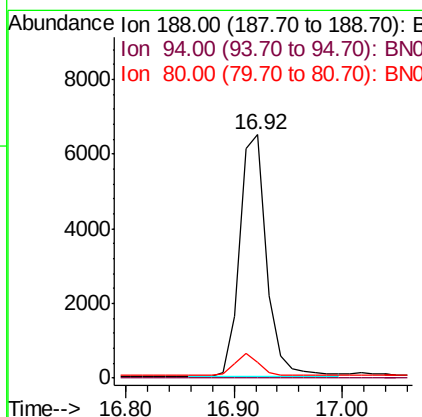
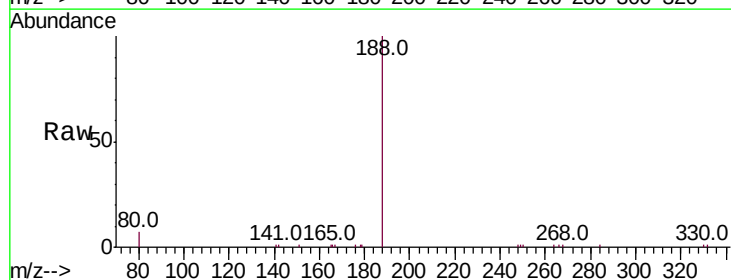
Instrument :
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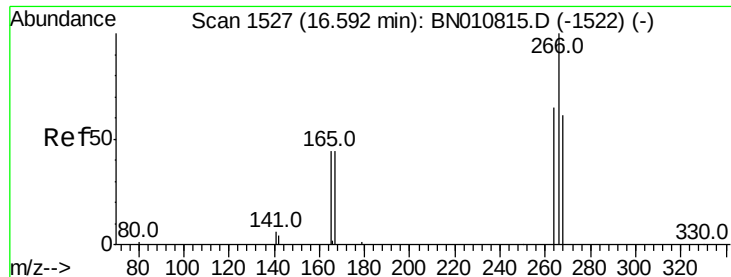
Tot Ion:172 Resp: 8157
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.2 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN010900.D
Acq: 16 Jun 2020 10:23

Tgt Ion:188 Resp: 11184
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.5 4.5 6.7

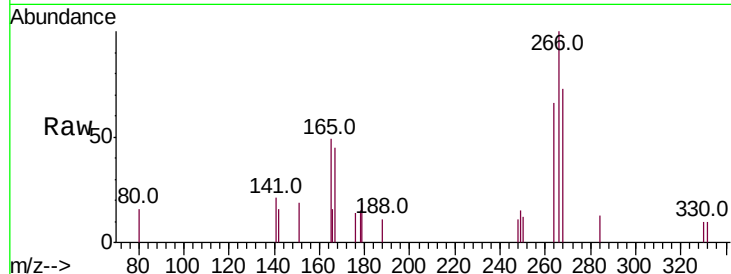




#22
 Pentachlorophenol
 Concen: 0.293 ng
 RT: 16.58 min Scan# 1526
 Delta R.T. -0.00 min
 Lab File: BN010900.D
 Acq: 16 Jun 2020 10:23

Instrument :
 BNA_N
 ClientSampleId :
 KY024MW068-200610

Tot Ion	Ratio	Lower	Upper
266	100		
264	66.2	54.8	82.2
268	73.0	55.9	83.9

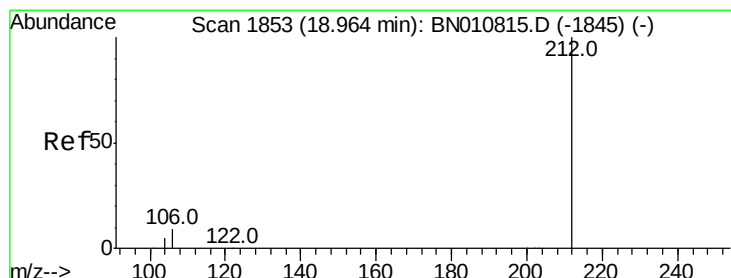
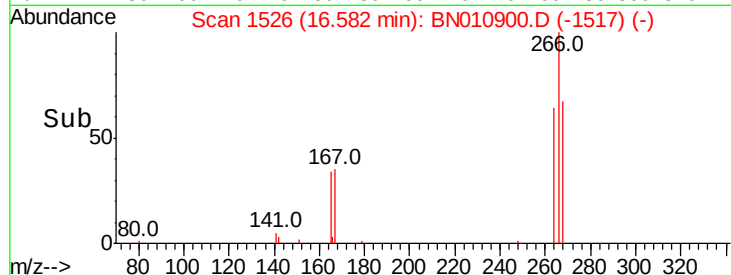
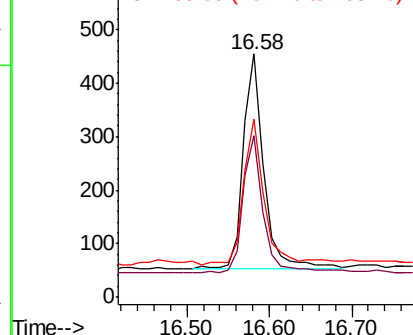


Abundance

Ion 266.00 (265.70 to 266.70): E

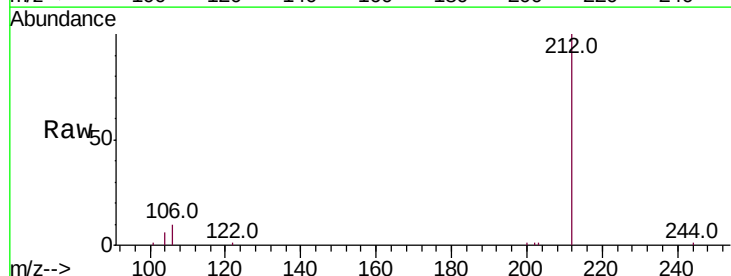
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25
 Fluoranthene-d10
 Concen: 0.363 ng
 RT: 18.96 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BN010900.D
 Acq: 16 Jun 2020 10:23

Tgt Ion	Ratio	Lower	Upper
212	100		
106	10.2	6.6	10.0#
104	5.8	4.0	6.0

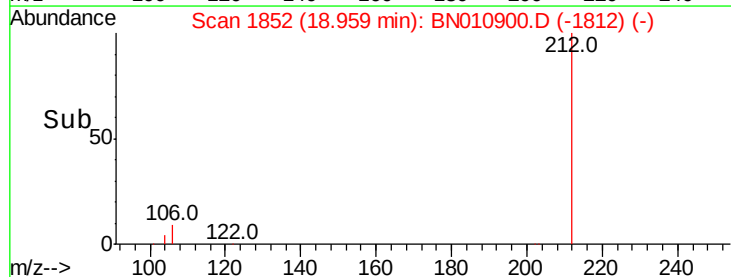
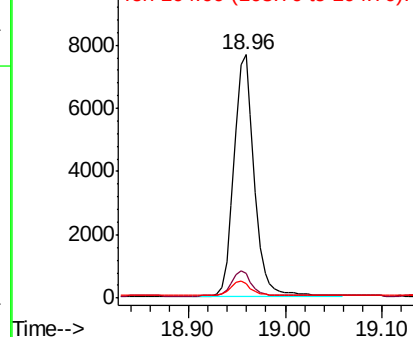


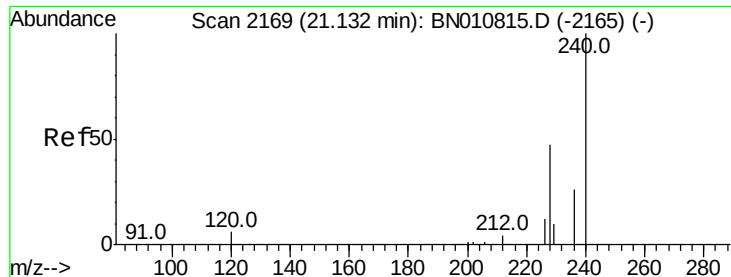
Abundance

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: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN010900.D

Acq: 16 Jun 2020 10:23

Instrument :

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ClientSampleId :

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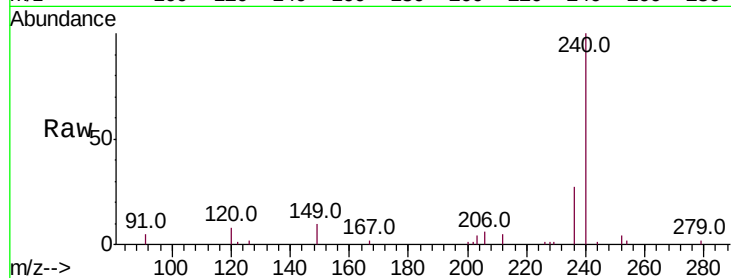
Tot Ion:240 Resp: 9432

Ion Ratio Lower Upper

240 100

120 7.8 7.5 11.3

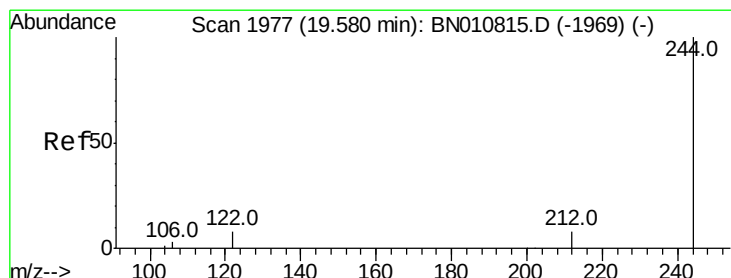
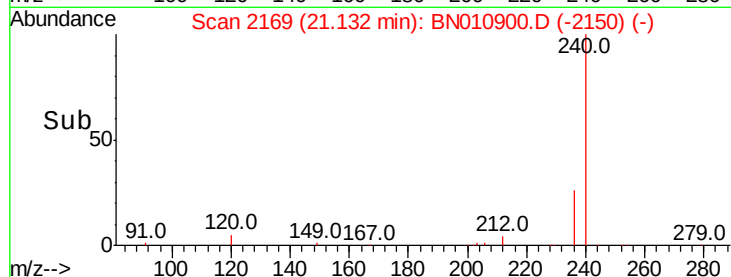
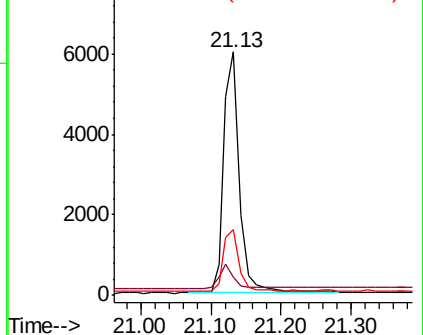
236 27.0 22.3 33.5



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



#29

Terphenyl-d14

Concen: 0.515 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010900.D

Acq: 16 Jun 2020 10:23

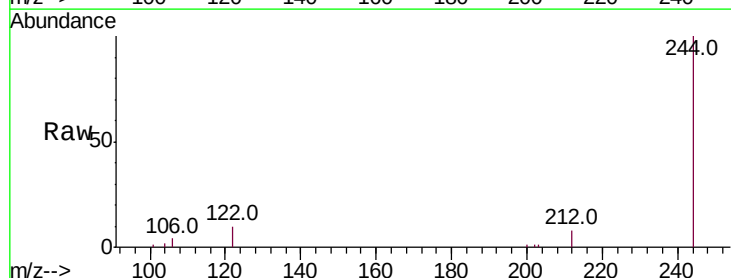
Tgt Ion:244 Resp: 11373

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

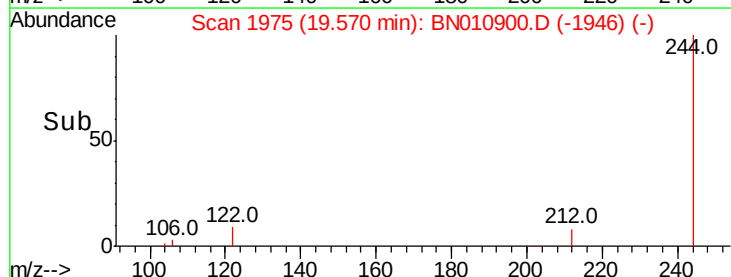
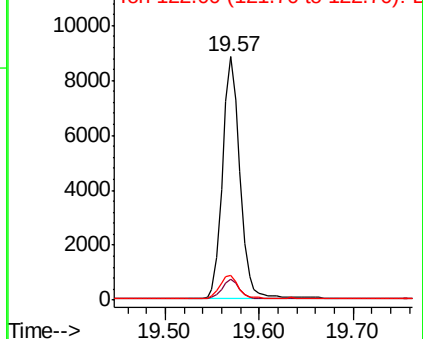
122 10.0 7.5 11.3

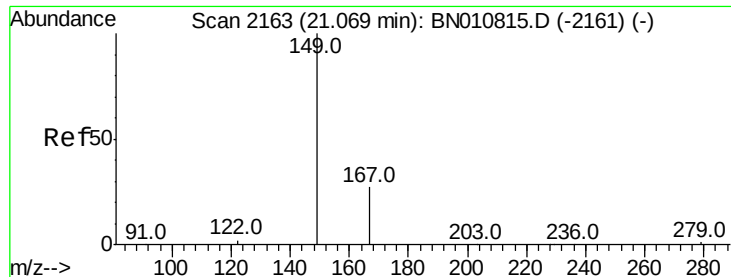


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.245 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN010900.D

Acq: 16 Jun 2020 10:23

Instrument :

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ClientSampleId :

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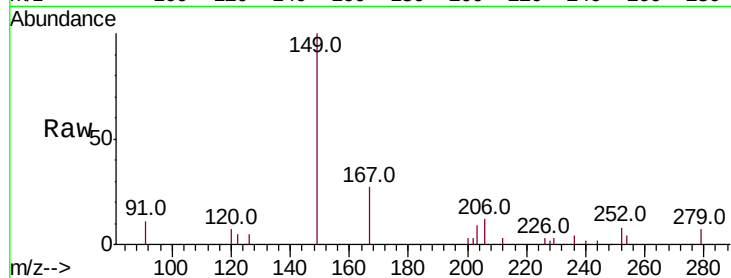
Tot Ion:149 Resp: 2261

Ion Ratio Lower Upper

149 100

167 27.9 24.1 36.1

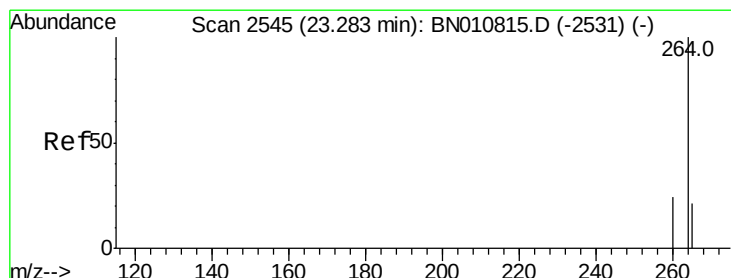
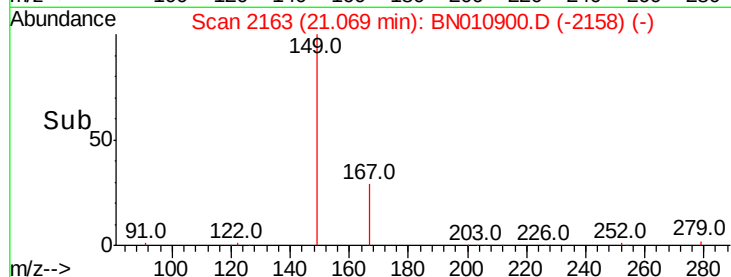
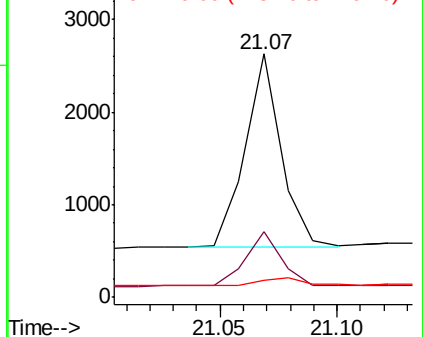
279 6.2 4.6 7.0



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: 23.28 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BN010900.D

Acq: 16 Jun 2020 10:23

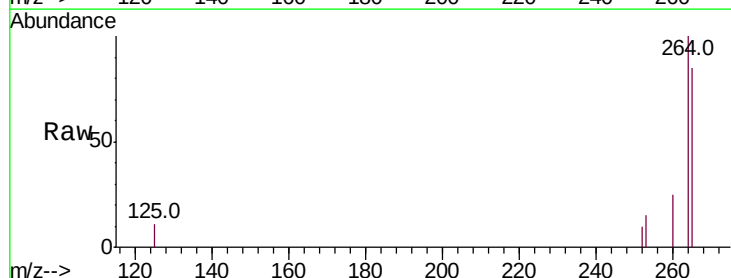
Tgt Ion:264 Resp: 8722

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 85.2 75.0 112.4



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

