

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
 Data File : BN007405.D
 Acq On : 26 Aug 2019 11:42
 Operator : HP/JU
 Sample : PB122438BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122438BL

Quant Time: Aug 26 17:25:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 24 00:38:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	7871	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	29563	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	14042	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	29294	0.40	ng	0.00
27) Chrysene-d12	21.02	240	24612	0.40	ng	0.00
34) Perylene-d12	23.13	264	24943	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	7574	0.27	ng	0.00
5) Phenol-d6	6.59	99	9176	0.25	ng	0.00
8) Nitrobenzene-d5	8.53	82	6679	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	14431	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	1105	0.15	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	16059	0.28	ng	0.00
25) Fluoranthene-d10	18.85	212	27871	0.30	ng	0.00
29) Terphenyl-d14	19.46	244	19965	0.31	ng	0.00

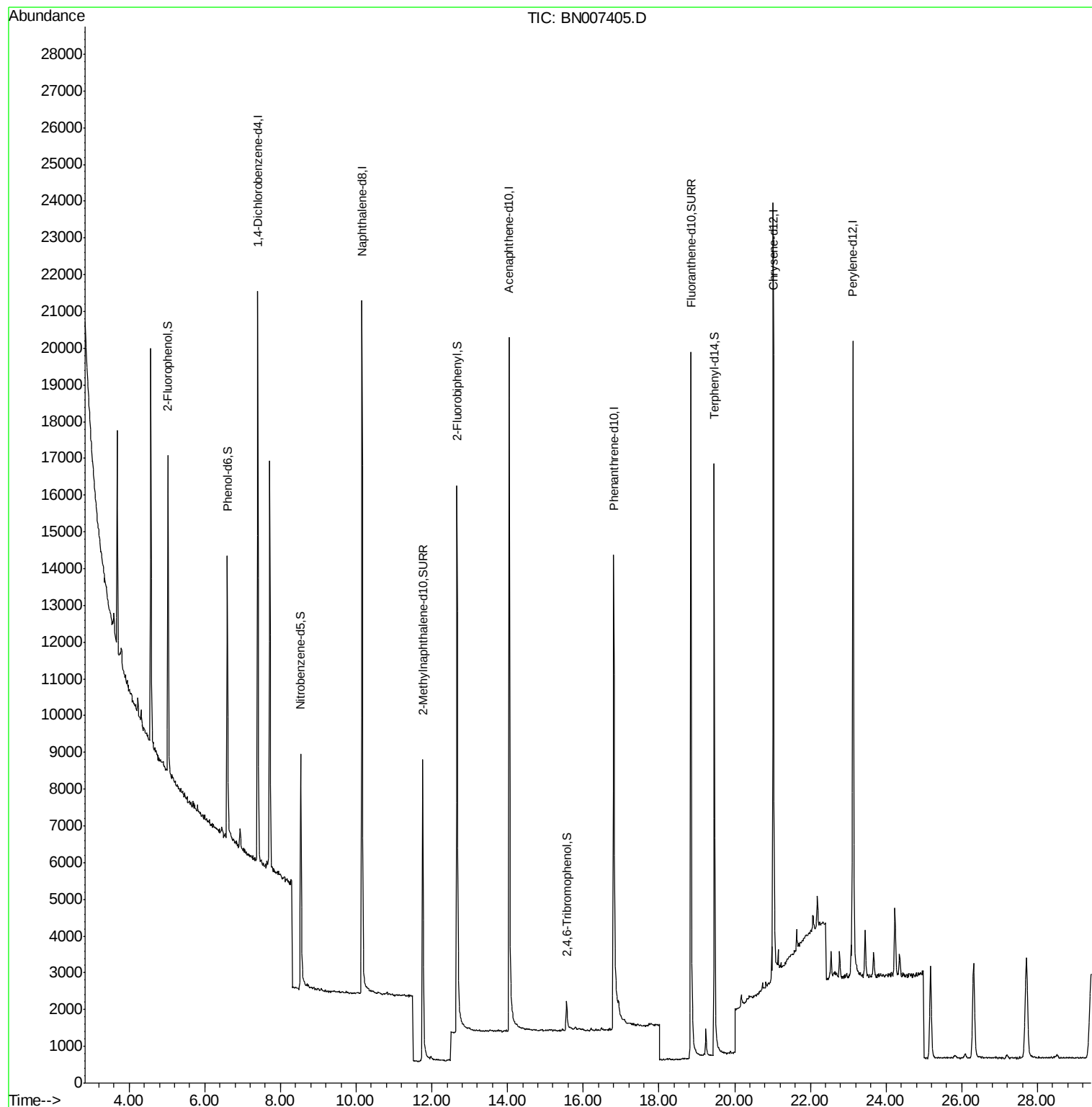
Target Compounds	Qvalue

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

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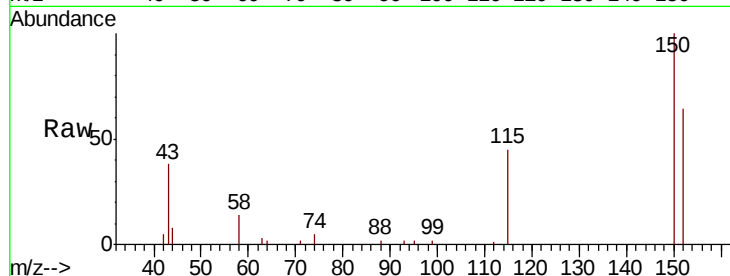


#1

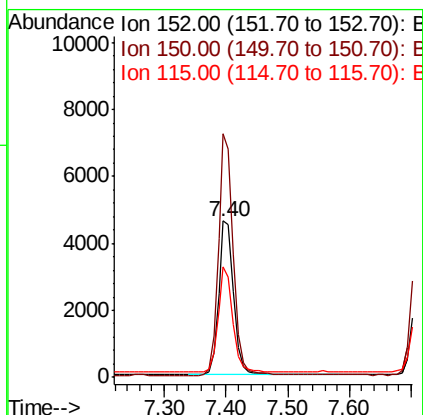
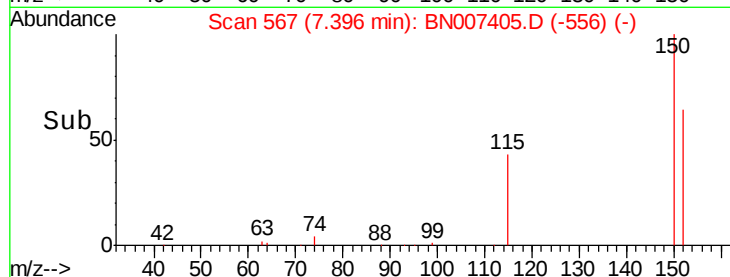
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007405.D
Acq: 26 Aug 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB122438BL

Tot Ion:152 Resp: 7871
Ion Ratio Lower Upper
152 100
150 155.9 109.1 163.7
115 70.5 59.6 89.4



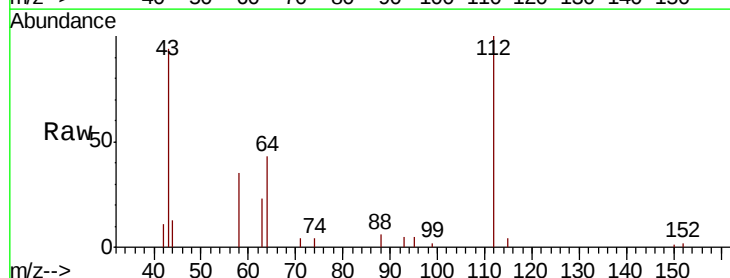
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



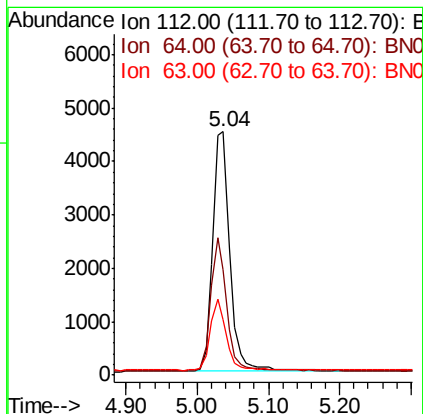
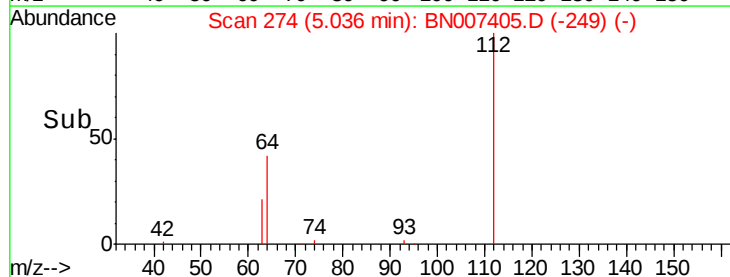
#4

2-Fluorophenol
Concen: 0.268 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007405.D
Acq: 26 Aug 2019 11:42

Tgt Ion:112 Resp: 7574
Ion Ratio Lower Upper
112 100
64 51.4 42.3 63.5
63 27.9 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: 0.253 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007405.D

Acq: 26 Aug 2019 11:42

Instrument :

BNA_N

ClientSampleId :

PB122438BL

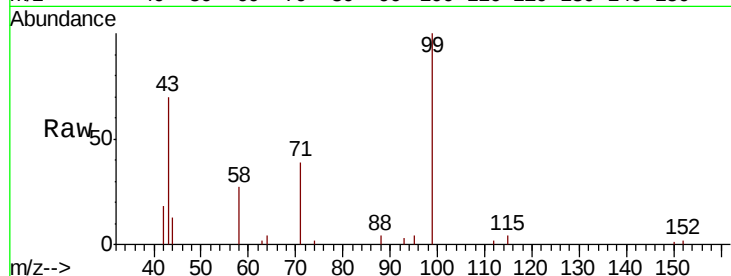
Tot Ion: 99 Resp: 9176

Ion Ratio Lower Upper

99 100

42 10.1 11.2 16.8#

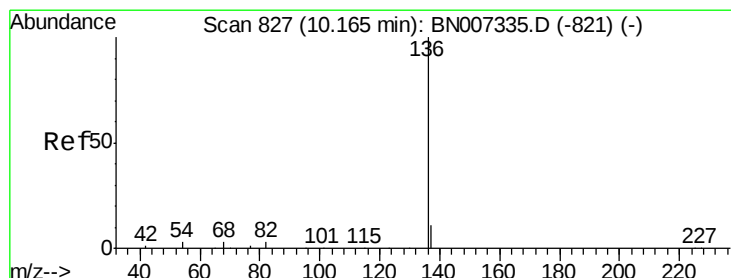
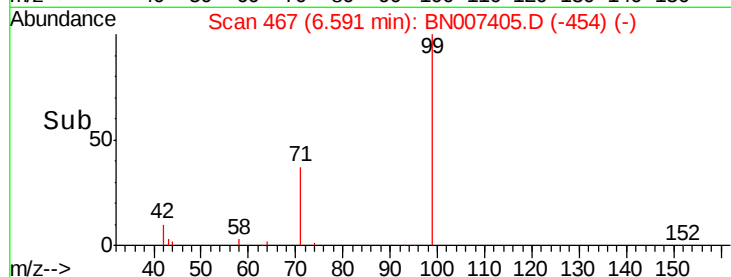
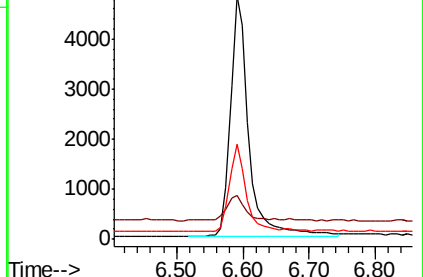
71 34.1 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007405.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007405.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007405.D (-462) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007405.D

Acq: 26 Aug 2019 11:42

Tgt Ion: 136 Resp: 29563

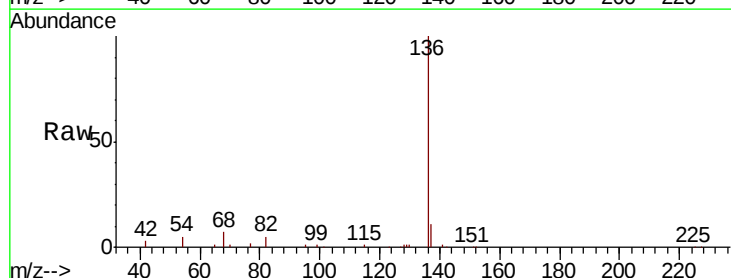
Ion Ratio Lower Upper

136 100

137 11.2 12.9 19.3#

54 5.3 8.6 12.8#

68 6.6 17.0 25.4#

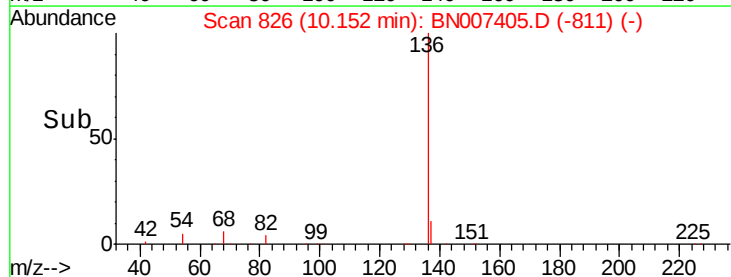
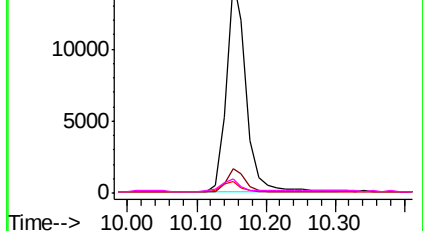


Abundance Ion 136.00 (135.70 to 136.70): BN007405.D (-821) (-)

Ion 137.00 (136.70 to 137.70): BN007405.D (-821) (-)

Ion 54.00 (53.70 to 54.70): BN007405.D (-821) (-)

Ion 68.00 (67.70 to 68.70): BN007405.D (-821) (-)

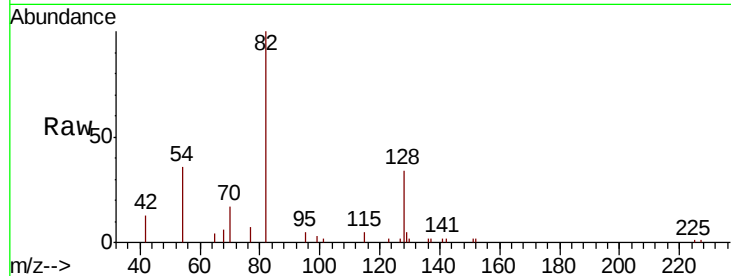




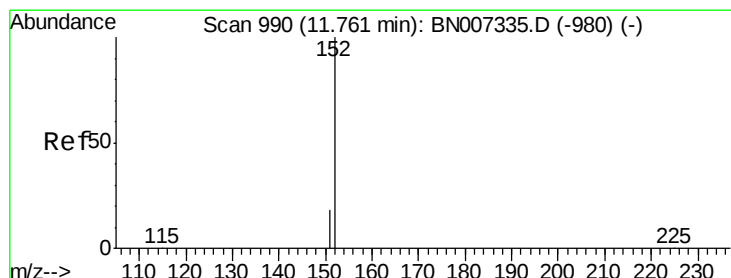
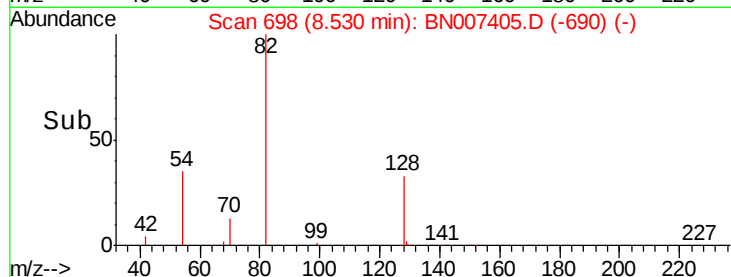
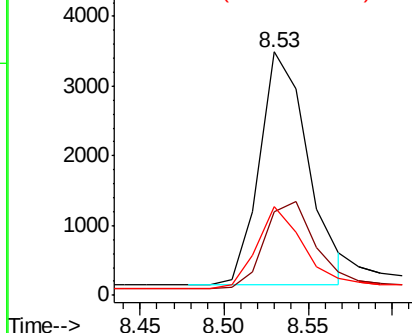
#8
 Nitrobenzene-d5
 Concen: 0.260 ng
 RT: 8.53 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BN007405.D
 Acq: 26 Aug 2019 11:42

Instrument :
 BNA_N
 ClientSampleId :
 PB122438BL

Tot Ion	82	Resp	6679
Ion Ratio	Lower	Upper	
82	100		
128	34.5	19.7	29.5#
54	36.2	25.8	38.6

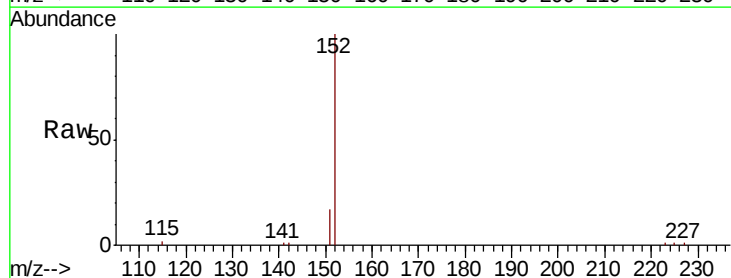


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

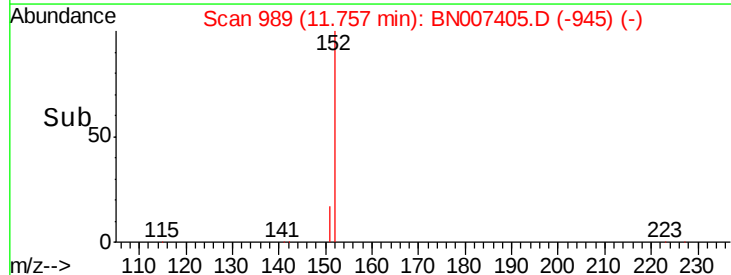
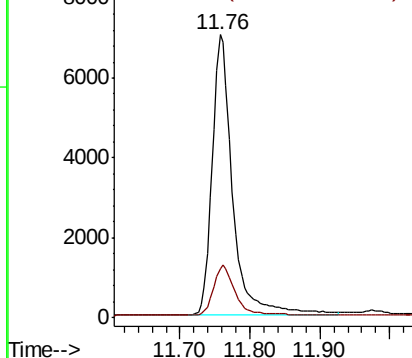


#11
 2-Methylnaphthalene-d10
 Concen: 0.294 ng
 RT: 11.76 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BN007405.D
 Acq: 26 Aug 2019 11:42

Tgt Ion	152	Resp	14431
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





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007405.D

Acq: 26 Aug 2019 11:42

Instrument :

BNA_N

ClientSampleId :

PB122438BL

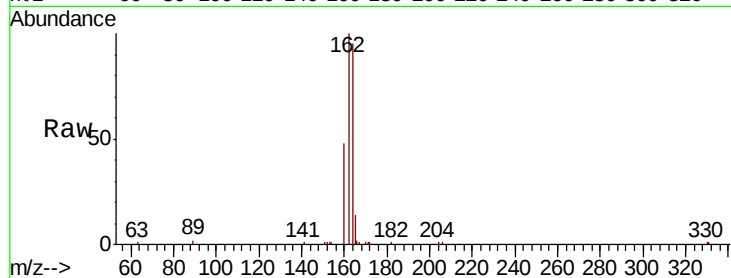
Tot Ion:164 Resp: 14042

Ion Ratio Lower Upper

164 100

162 105.1 83.5 125.3

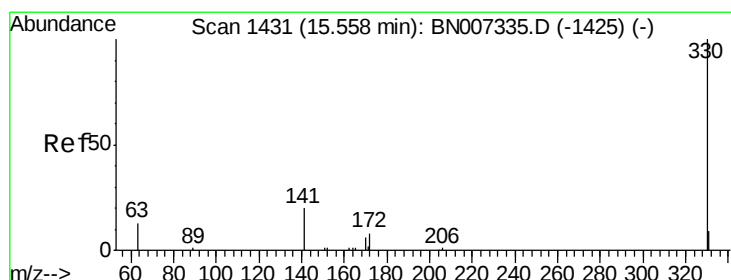
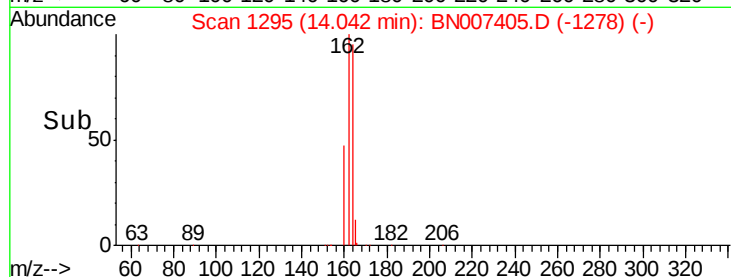
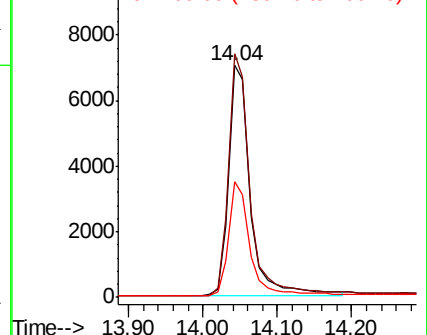
160 50.0 38.2 57.4



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: 0.150 ng

RT: 15.56 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BN007405.D

Acq: 26 Aug 2019 11:42

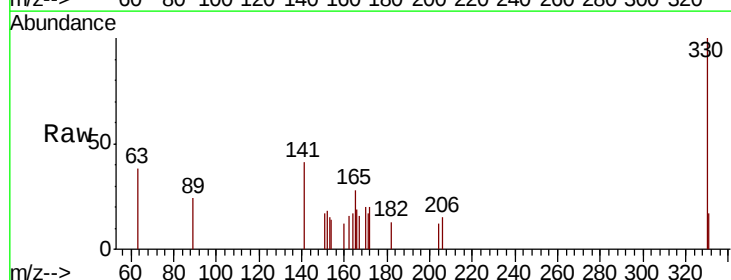
Tgt Ion:330 Resp: 1105

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

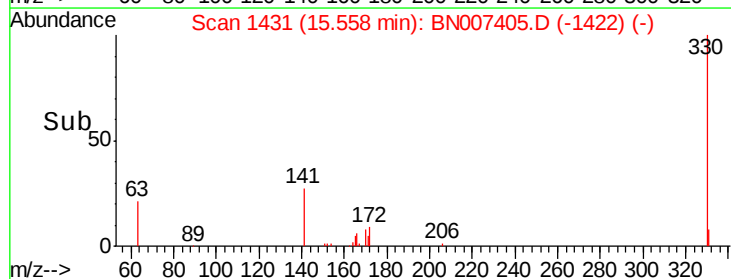
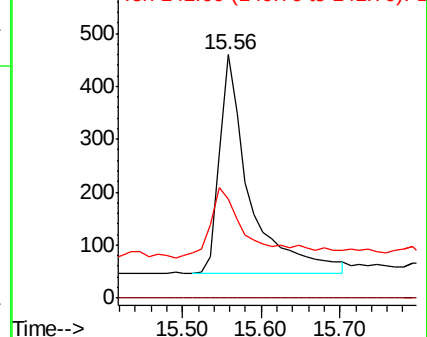
141 38.1 26.9 40.3



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

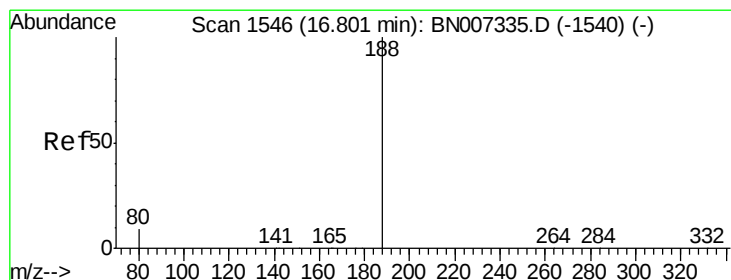
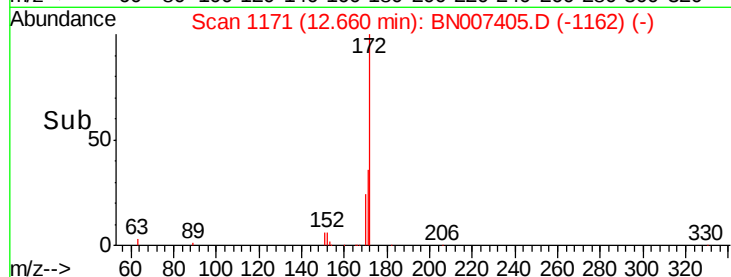
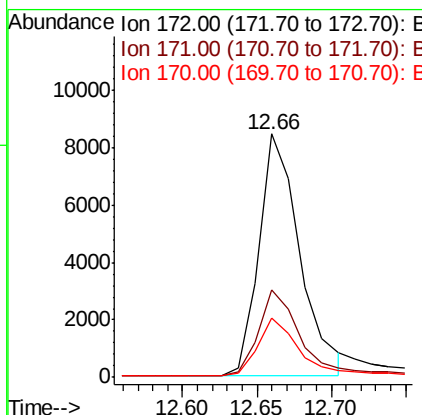
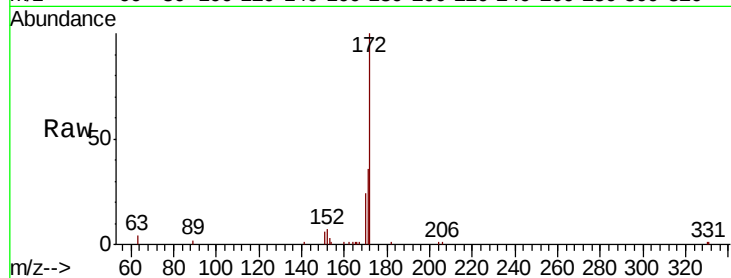




#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007405.D
Acq: 26 Aug 2019 11:42

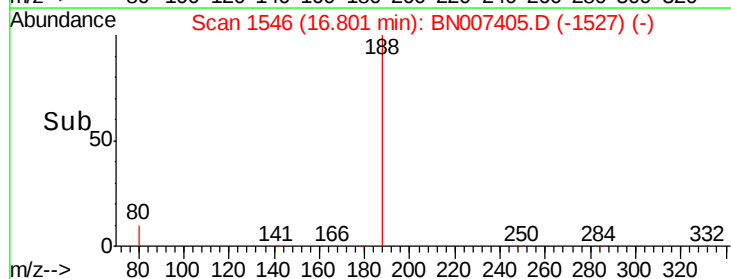
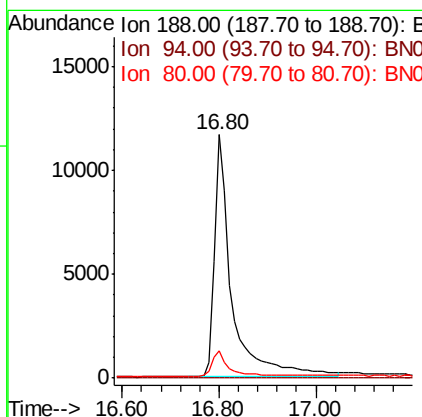
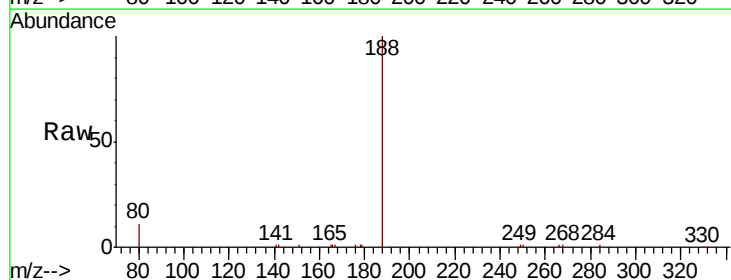
Instrument :
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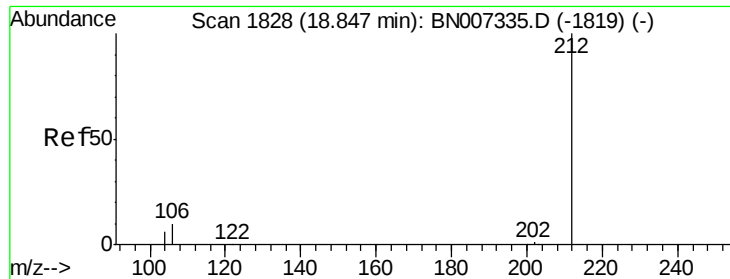
Tot Ion:172 Resp: 16059
Ion Ratio Lower Upper
172 100
171 36.1 30.3 45.5
170 24.2 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BN007405.D
Acq: 26 Aug 2019 11:42

Tgt Ion:188 Resp: 29294
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 11.8 17.8#

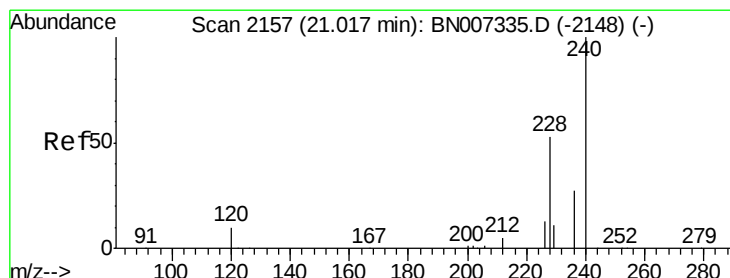
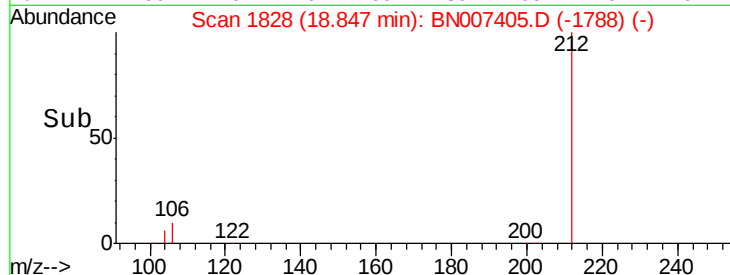
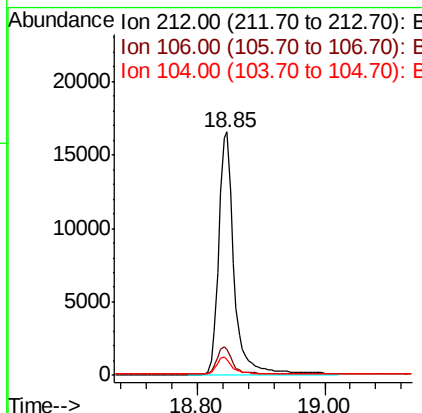
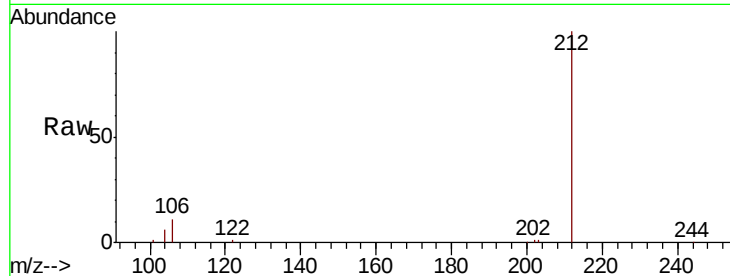




#25
 Fluoranthene-d10
 Concen: 0.295 ng
 RT: 18.85 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BN007405.D
 Acq: 26 Aug 2019 11:42

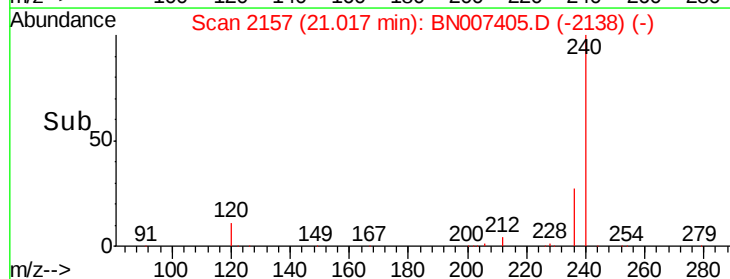
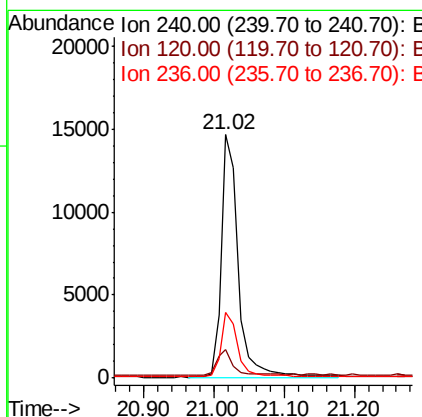
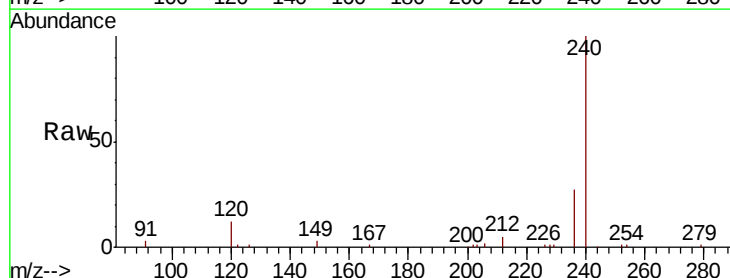
Instrument :
 BNA_N
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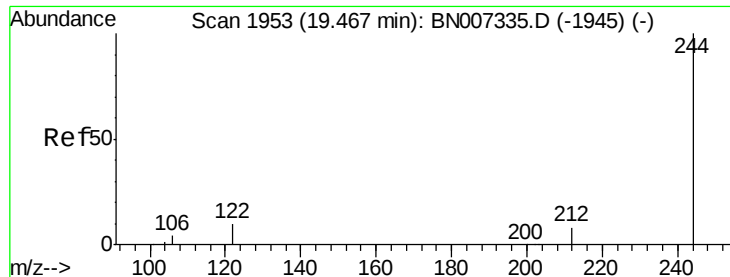
Tot Ion:212 Resp: 27871
 Ion Ratio Lower Upper
 212 100
 106 11.4 9.0 13.4
 104 6.6 5.4 8.2



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.02 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BN007405.D
 Acq: 26 Aug 2019 11:42

Tgt Ion:240 Resp: 24612
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.6 14.4
 236 27.0 22.2 33.2





#29

Terphenyl-d14

Concen: 0.310 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BN007405.D

Acq: 26 Aug 2019 11:42

Instrument :

BNA_N

ClientSampleId :

PB122438BL

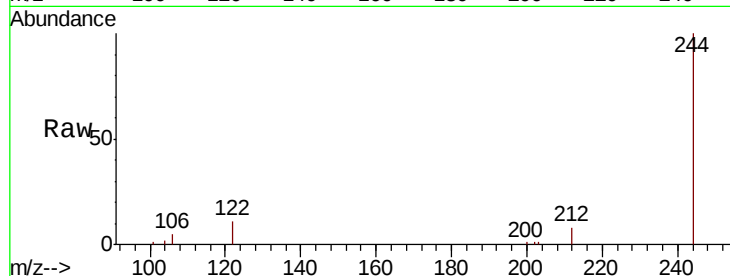
Tot Ion:244 Resp: 19965

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

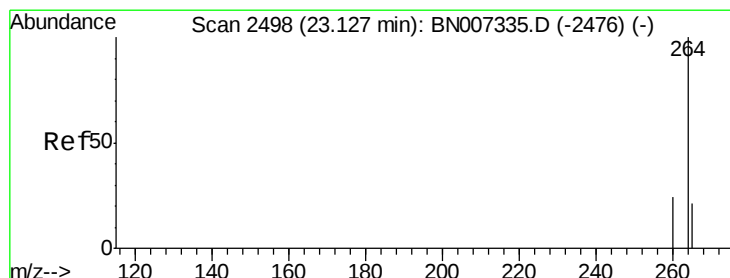
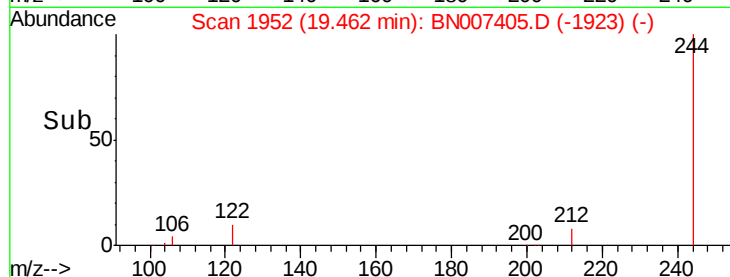
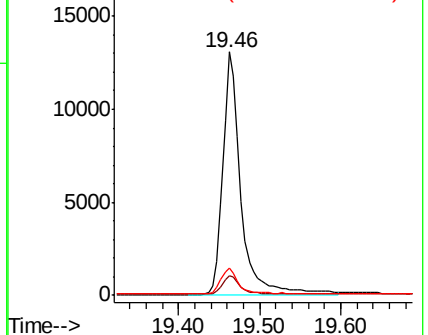
122 11.1 9.6 14.4



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: 23.13 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BN007405.D

Acq: 26 Aug 2019 11:42

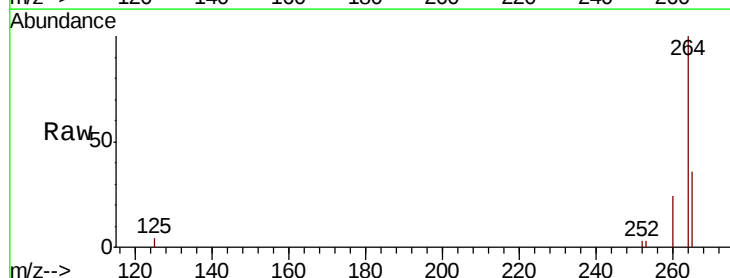
Tgt Ion:264 Resp: 24943

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 35.7 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

