

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
 Data File : BM024629.D
 Acq On : 27 Jan 2020 15:51
 Operator : CG/JU
 Sample : L1255-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 28 05:35:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

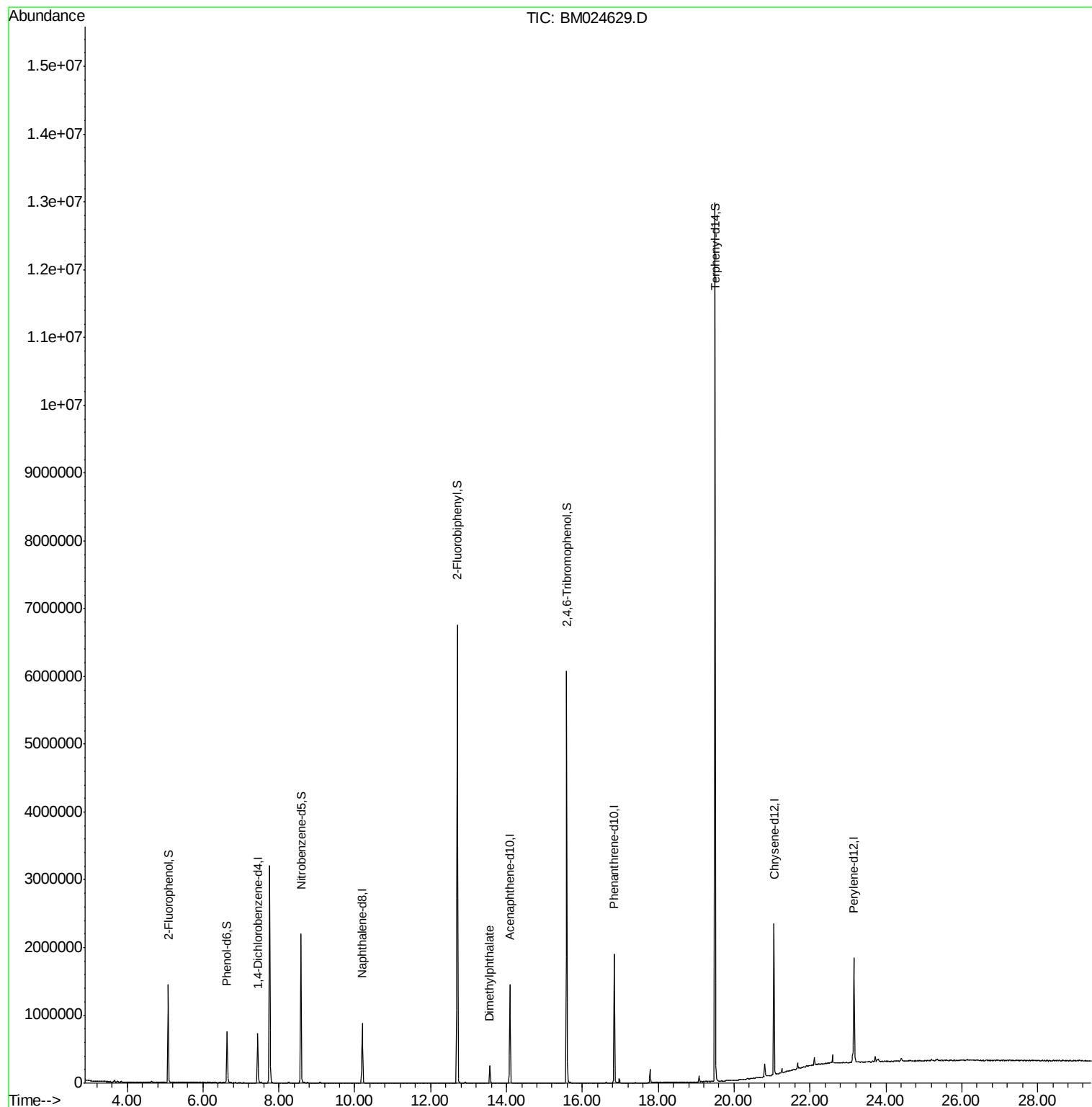
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	199019	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	710845	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	506067	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1150841	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1070801	20.00	ng	0.00
87) Perylene-d12	23.16	264	1109236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	575466	54.99	ng	0.00
7) Phenol-d6	6.63	99	393057	27.26	ng	-0.01
23) Nitrobenzene-d5	8.58	82	1230218	84.87	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1202015	146.02	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	3570311	95.91	ng	0.00
79) Terphenyl-d14	19.50	244	6572468	114.59	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.56	163	169540	4.143	ng	Qvalue 99

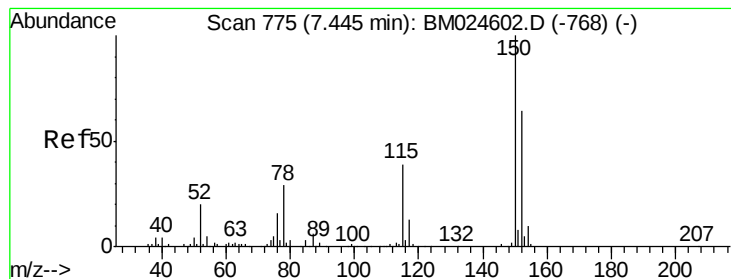
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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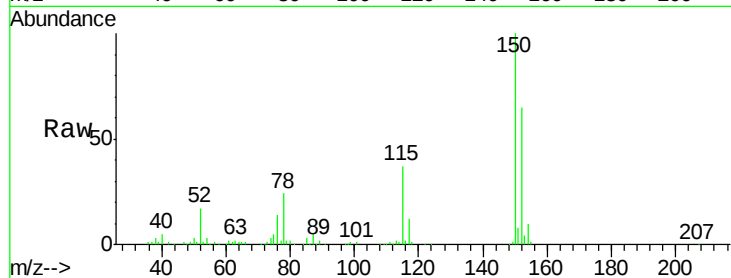


#1

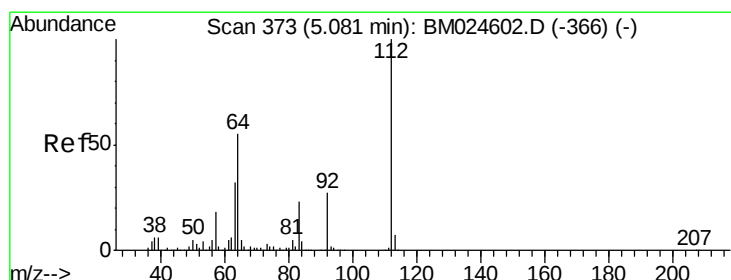
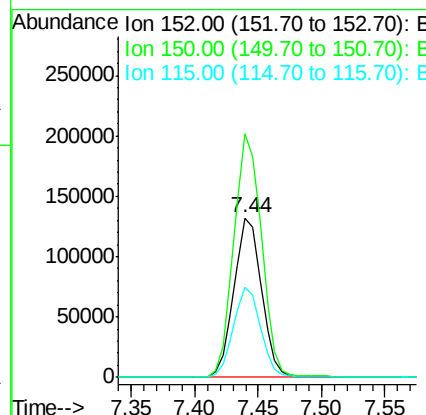
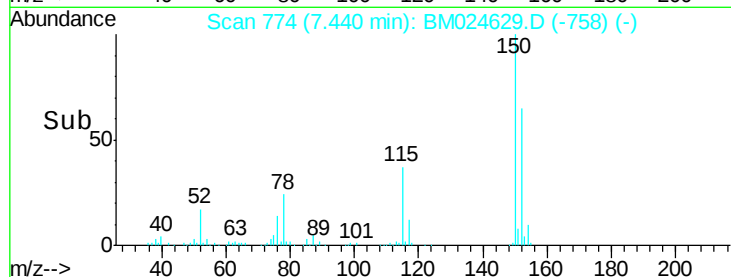
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024629.D
Acq: 27 Jan 2020 15:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.2	186.4
115	56.8	48.6	72.8



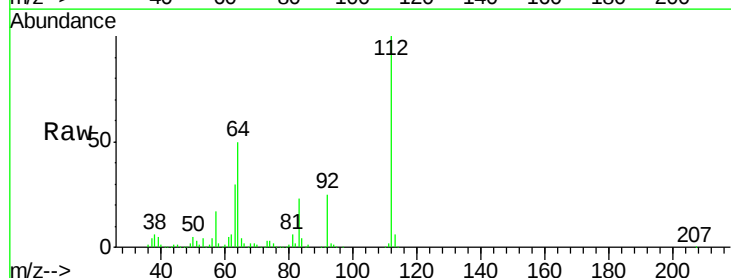
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



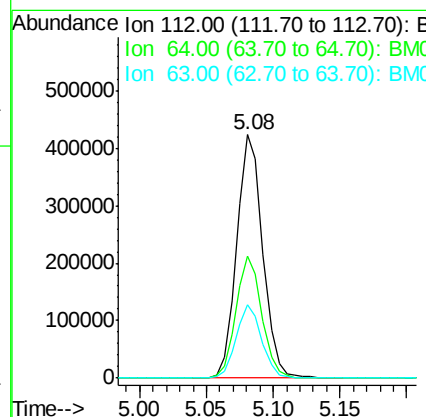
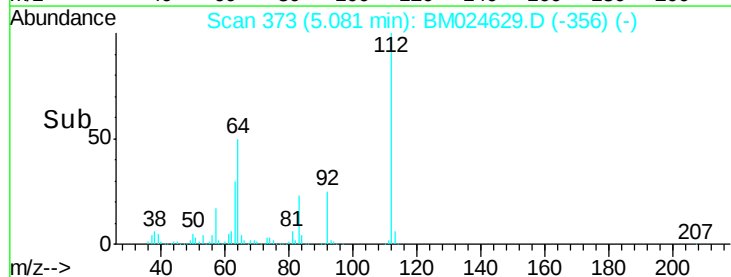
#5

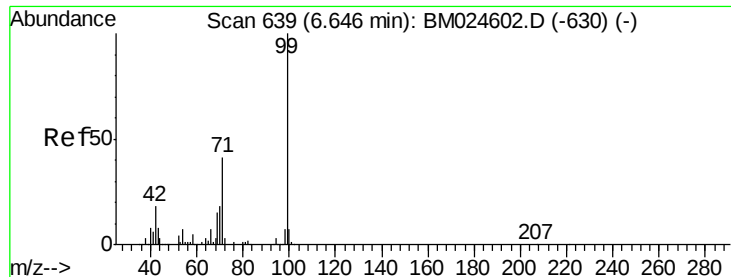
2-Fluorophenol
Concen: 54.990 ng
RT: 5.08 min Scan# 373
Delta R.T. -0.00 min
Lab File: BM024629.D
Acq: 27 Jan 2020 15:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.2	44.2	66.4
63	30.3	25.9	38.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 27.265 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM024629.D

Acq: 27 Jan 2020 15:51

Instrument :

BNA_M

ClientSampleId :

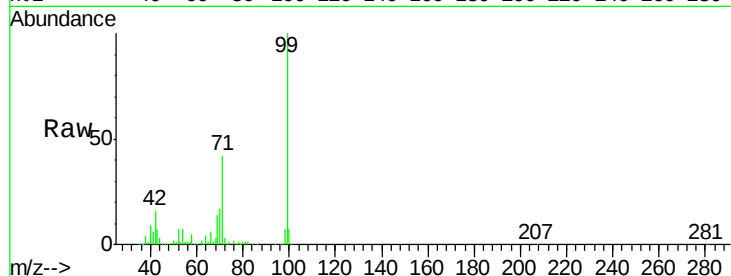
Tot Ion: 99 Resp: 393057

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

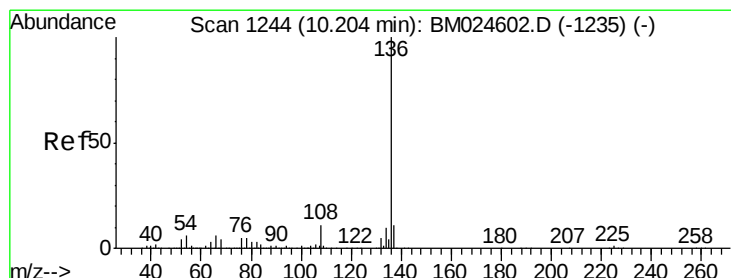
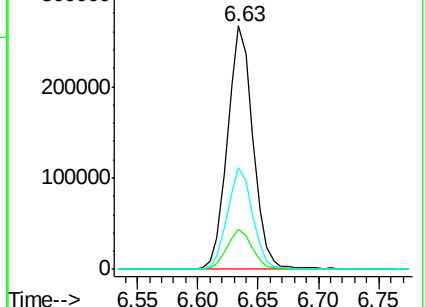
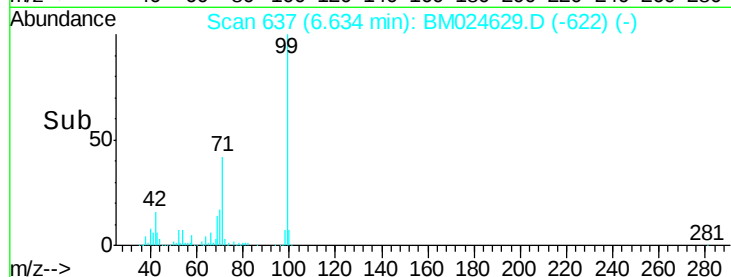
71 41.6 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024629.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024629.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024629.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM024629.D

Acq: 27 Jan 2020 15:51

Tgt Ion: 136 Resp: 710845

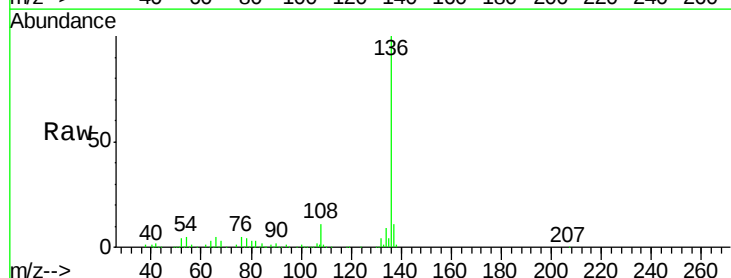
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 4.7 4.5 6.7

68 3.2 3.4 5.0#

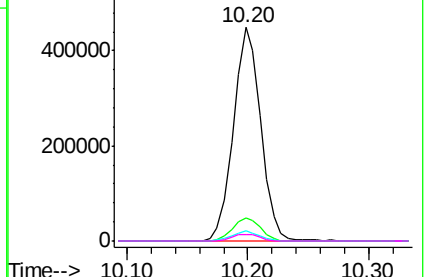
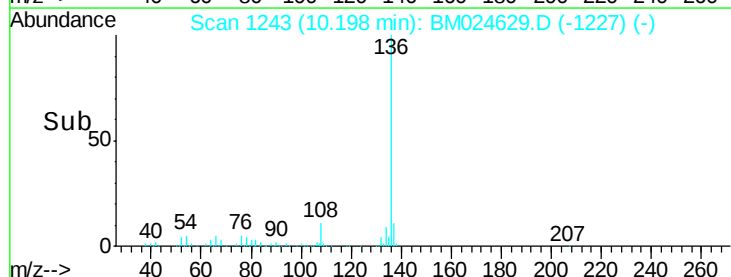


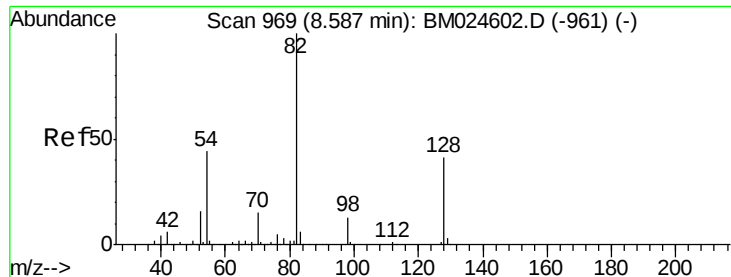
Abundance Ion 136.00 (135.70 to 136.70): BM024629.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024629.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024629.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024629.D (-1227) (-)



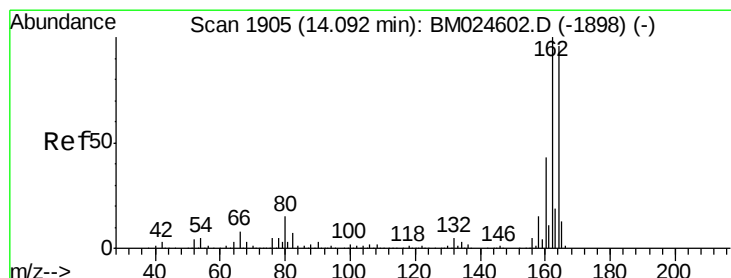
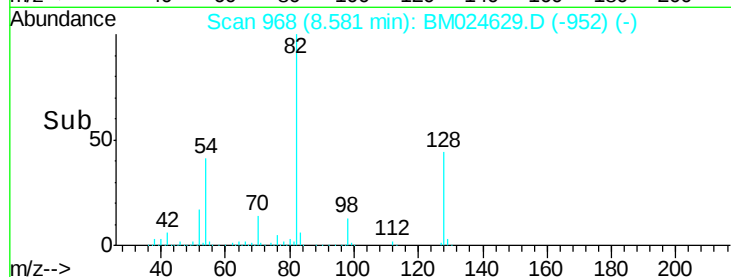
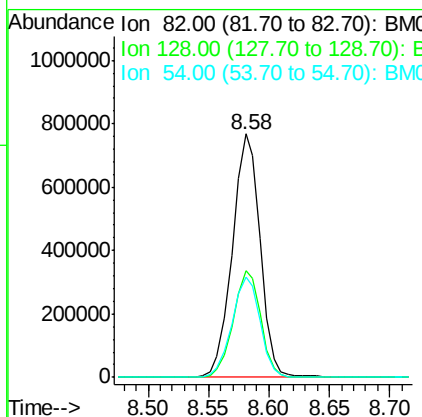
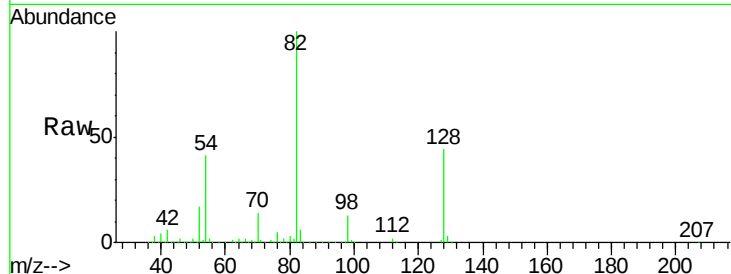


#23
 Nitrobenzene-d5
 Concen: 84.873 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM024629.D
 Acq: 27 Jan 2020 15:51

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion: 82 Resp: 1230218

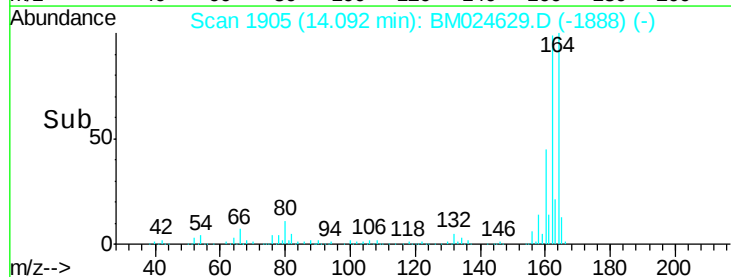
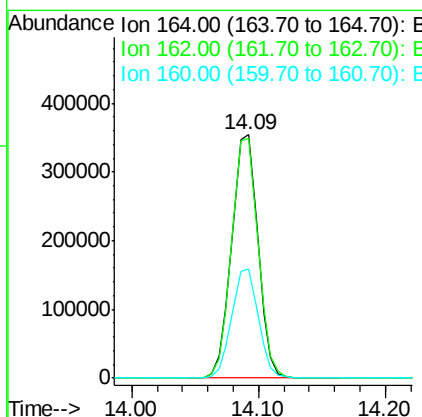
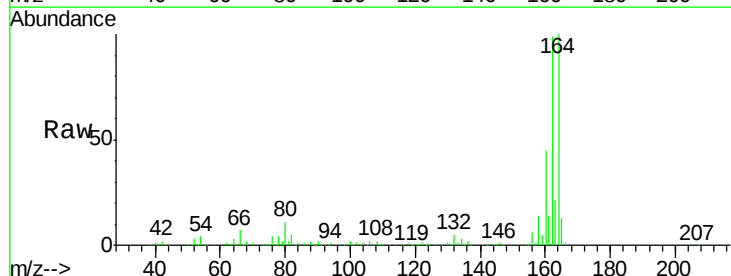
Ion	Ratio	Lower	Upper
82	100		
128	43.7	32.6	48.8
54	41.4	34.8	52.2

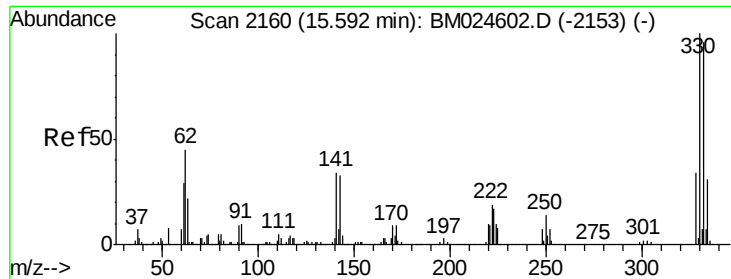


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BM024629.D
 Acq: 27 Jan 2020 15:51

Tgt Ion: 164 Resp: 506067

Ion	Ratio	Lower	Upper
164	100		
162	98.6	82.9	124.3
160	44.9	35.5	53.3





#42

2,4,6-Tribromophenol

Concen: 146.019 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BM024629.D

Acq: 27 Jan 2020 15:51

Instrument :

BNA_M

ClientSampleId :

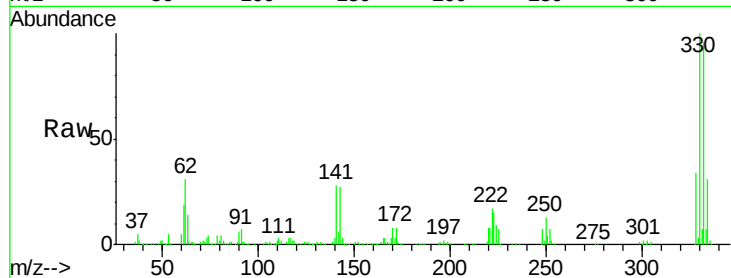
Tot Ion:330 Resp: 1202015

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

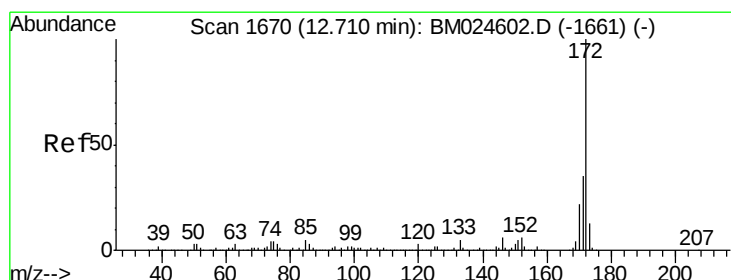
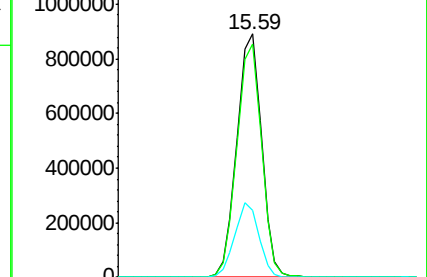
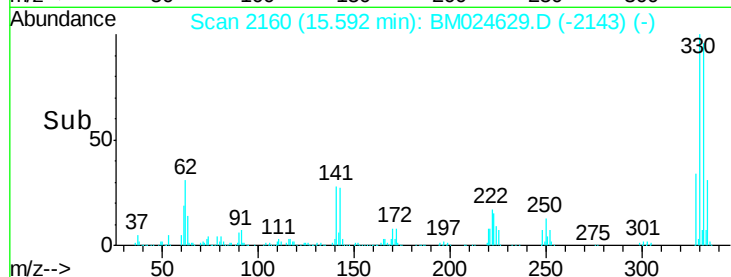
141 29.9 26.9 40.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 95.913 ng

RT: 12.70 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM024629.D

Acq: 27 Jan 2020 15:51

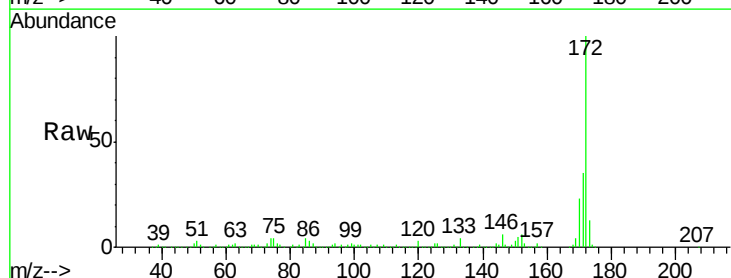
Tgt Ion:172 Resp: 3570311

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

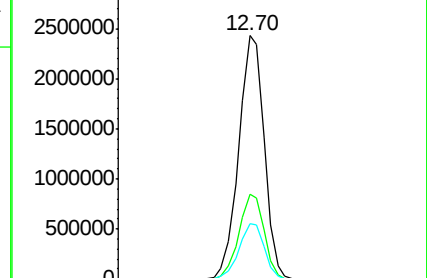
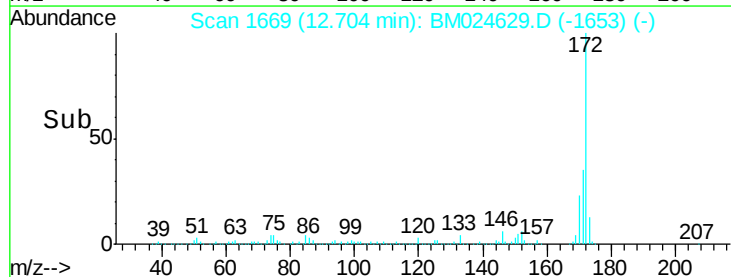
170 23.0 17.9 26.9

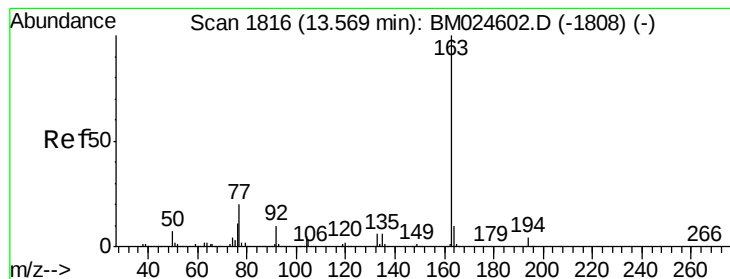


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.143 ng

RT: 13.56 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BM024629.D

Acq: 27 Jan 2020 15:51

Instrument :

BNA_M

ClientSampleId :

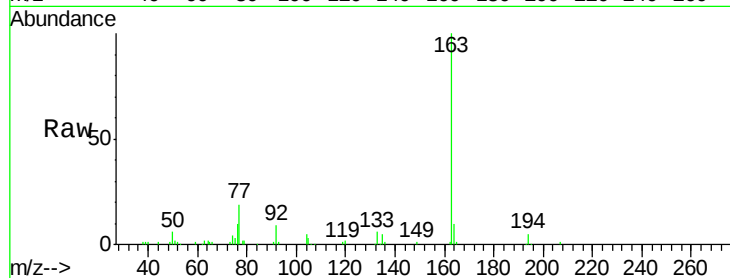
Tot Ion:163 Resp: 169540

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

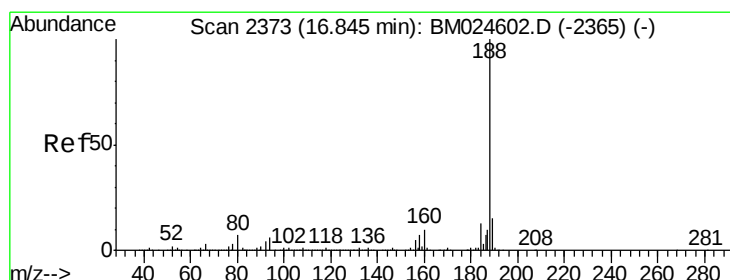
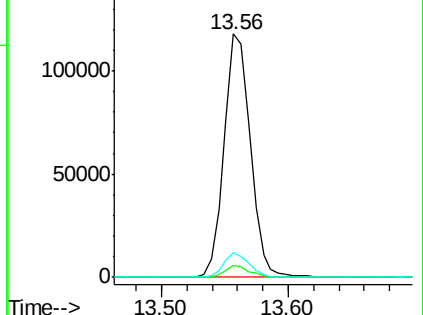
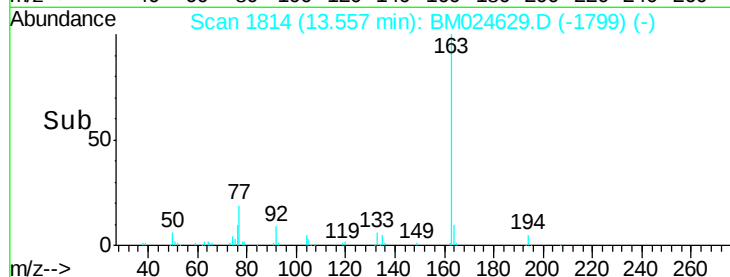
164 10.1 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BM024629.D

Acq: 27 Jan 2020 15:51

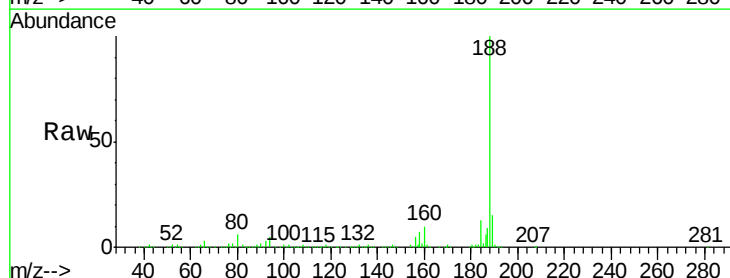
Tgt Ion:188 Resp: 1150841

Ion Ratio Lower Upper

188 100

94 5.1 5.0 7.6

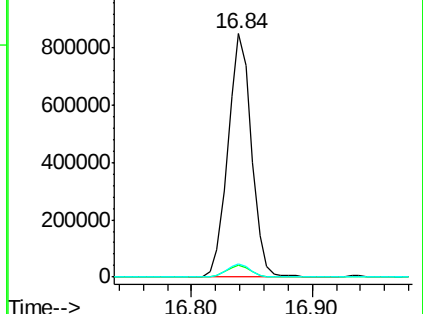
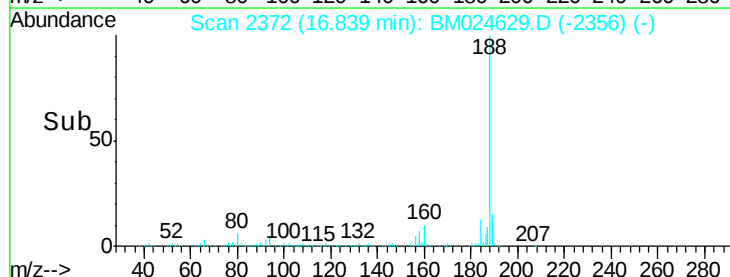
80 5.6 5.8 8.8#

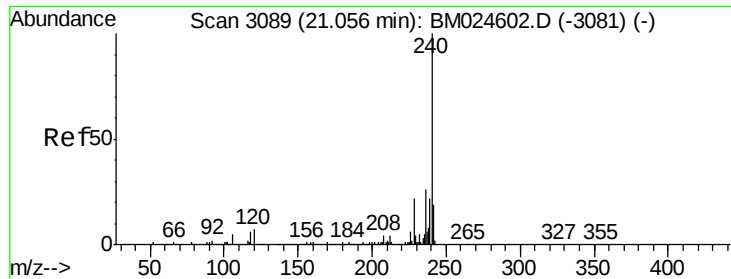


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM024629.D

Acq: 27 Jan 2020 15:51

Instrument :

BNA_M

ClientSampleId :

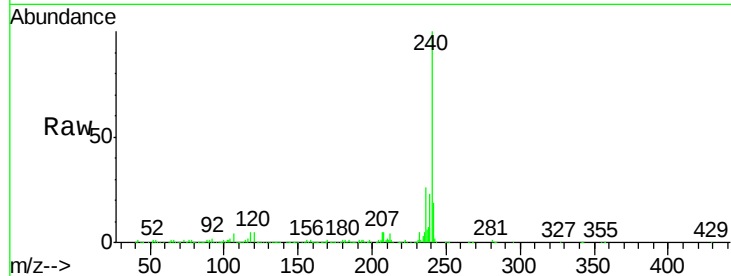
Tot Ion:240 Resp: 1070801

Ion Ratio Lower Upper

240 100

120 5.4 5.3 7.9

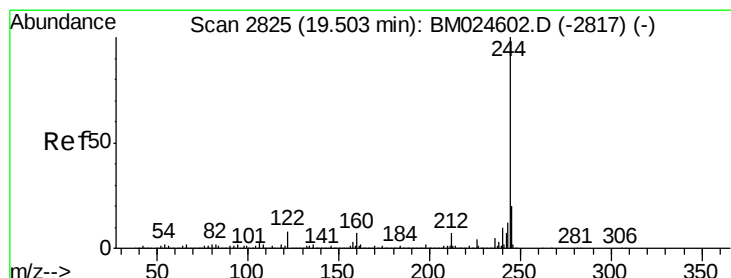
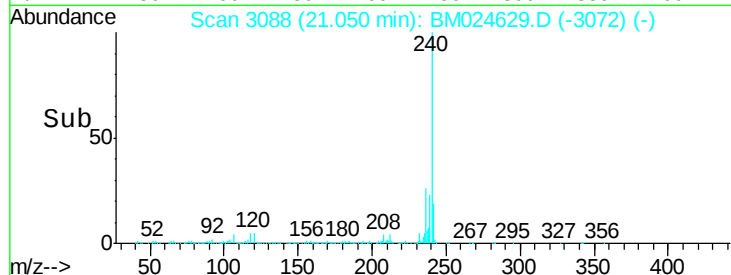
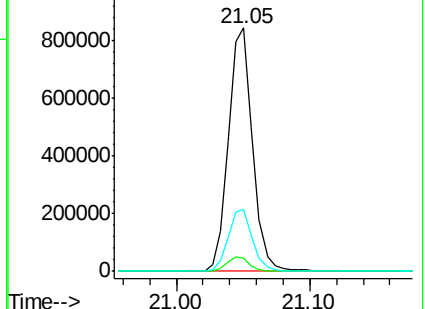
236 25.6 20.6 31.0



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



#79

Terphenyl-d14

Concen: 114.589 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM024629.D

Acq: 27 Jan 2020 15:51

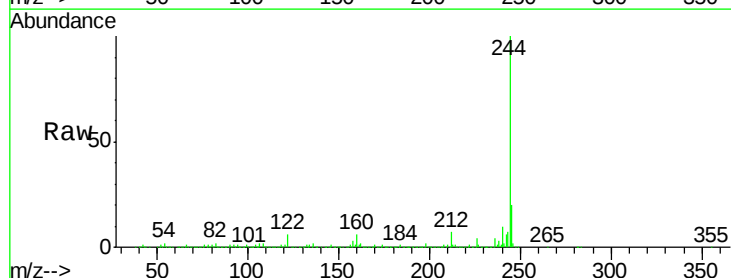
Tgt Ion:244 Resp: 6572468

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

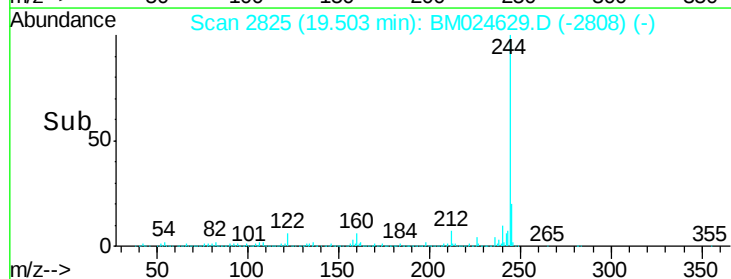
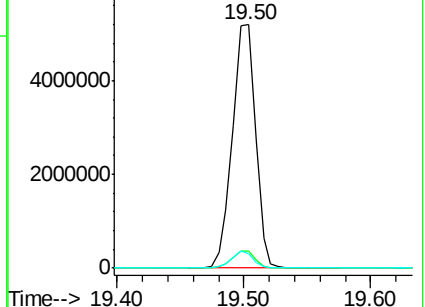
122 6.0 6.2 9.4#

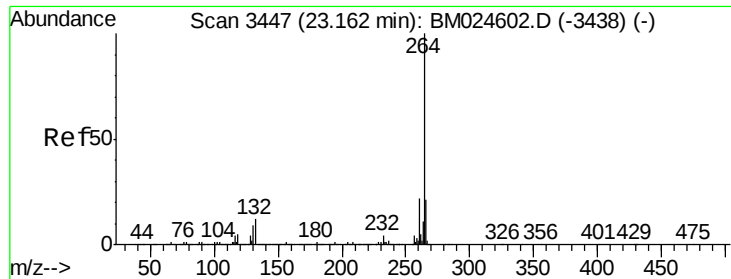


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.16 min Scan# 3447
 Delta R.T. -0.00 min
 Lab File: BM024629.D
 Acq: 27 Jan 2020 15:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1109236

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	22.2	17.3	25.9

