

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
 Data File : BM027199.D
 Acq On : 24 Aug 2020 18:12
 Operator : JU/CG
 Sample : L3720-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB

Quant Time: Aug 24 18:54:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:18:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	109675	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	276841	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	179294	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	394627	20.00	ng	0.00
76) Chrysene-d12	21.19	240	459222	20.00	ng	0.00
86) Perylene-d12	23.37	264	530799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	434211	77.18	ng	0.00
7) Phenol-d6	6.79	99	393427	50.93	ng	0.00
23) Nitrobenzene-d5	8.75	82	649065	96.73	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	402074	138.49	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	1344286	98.49	ng	0.00
79) Terphenyl-d14	19.63	244	2203127	89.62	ng	0.00

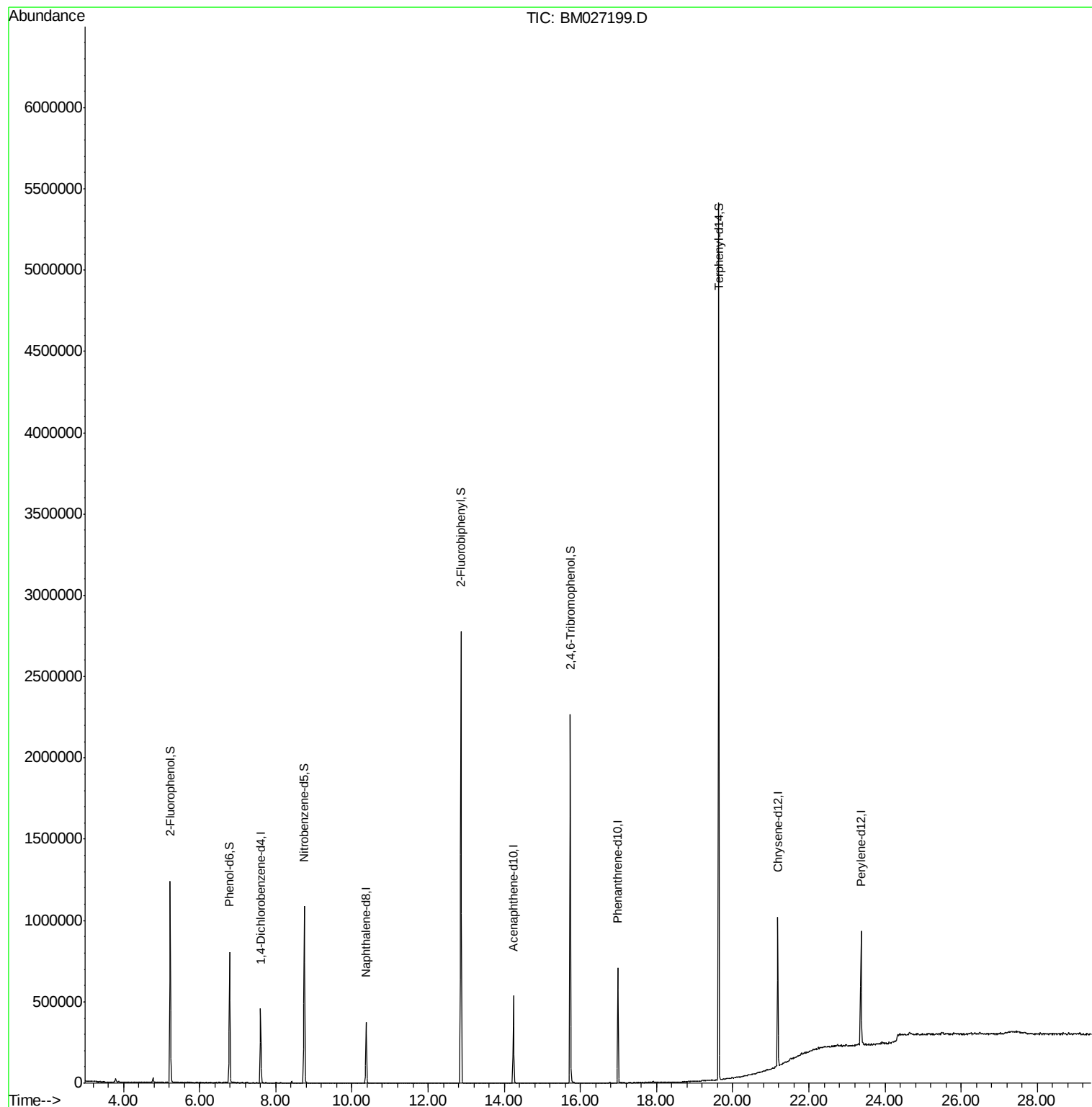
Target Compounds	Qvalue
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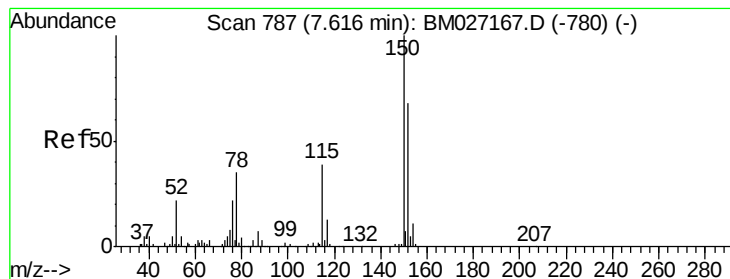
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:18:39 2020
Response via : Initial Calibration



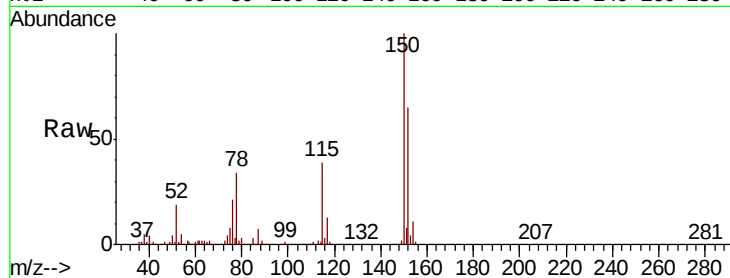


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 785
Delta R.T. 0.00 min
Lab File: BM027199.D
Acq: 24 Aug 2020 18:12

Instrument :
BNA_M
ClientSampled :
FB

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	118.2	177.4
115	59.6	46.1	69.1

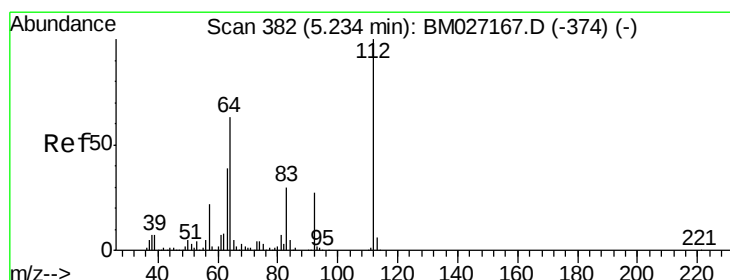
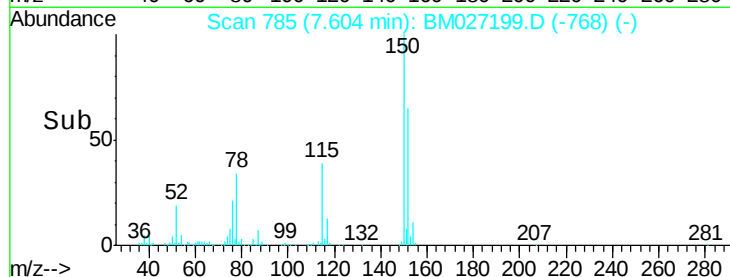
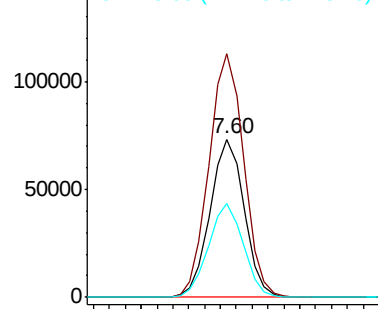


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

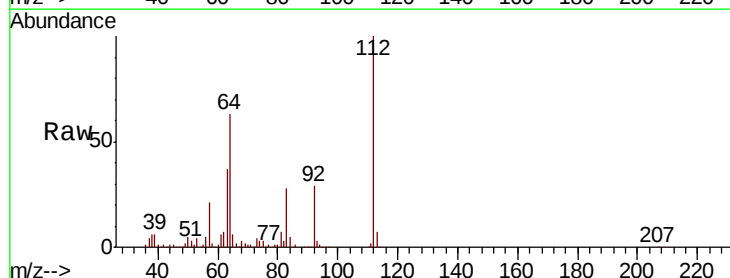
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.180 ng
RT: 5.23 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM027199.D
Acq: 24 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	50.0	75.0
63	37.4	31.6	47.4

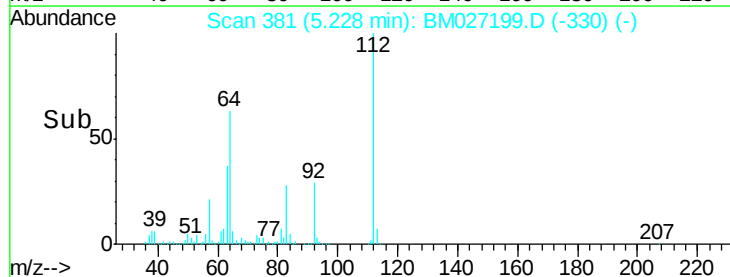
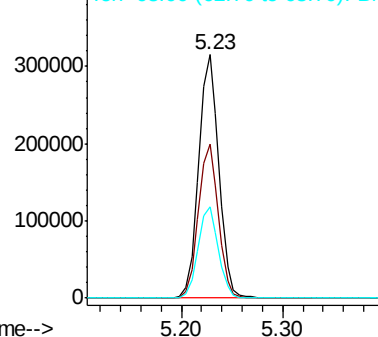


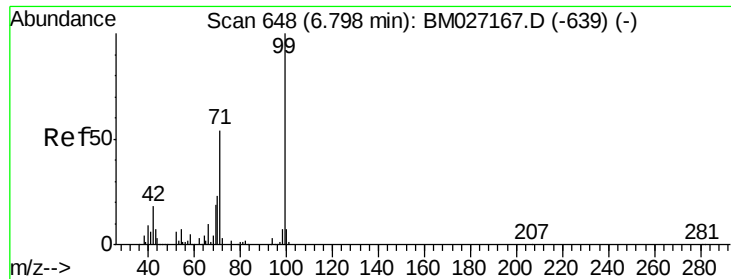
Abundance

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: 50.933 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM027199.D

Acq: 24 Aug 2020 18:12

Instrument :

BNA_M

ClientSampleId :

FB

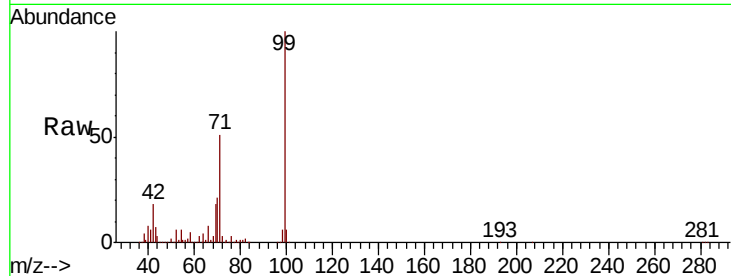
Tot Ion: 99 Resp: 393427

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

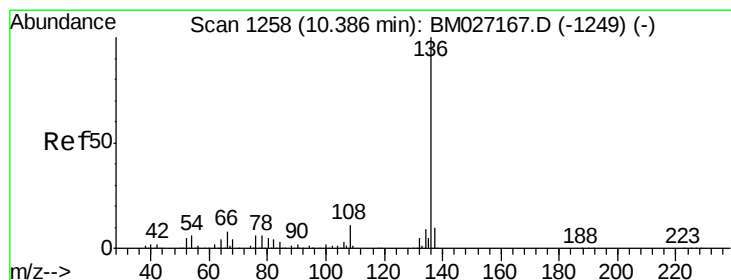
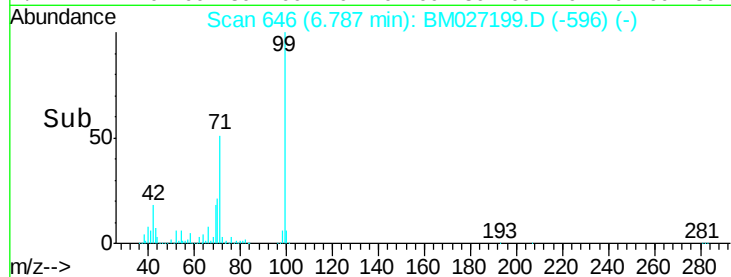
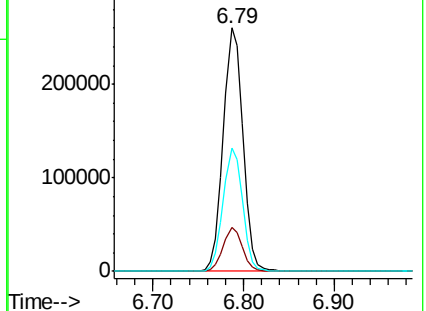
71 50.6 43.0 64.4



Abundance Ion 99.00 (98.70 to 99.70): BM027167.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM027167.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM027167.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.37 min Scan# 1256

Delta R.T. 0.00 min

Lab File: BM027199.D

Acq: 24 Aug 2020 18:12

Tgt Ion: 136 Resp: 276841

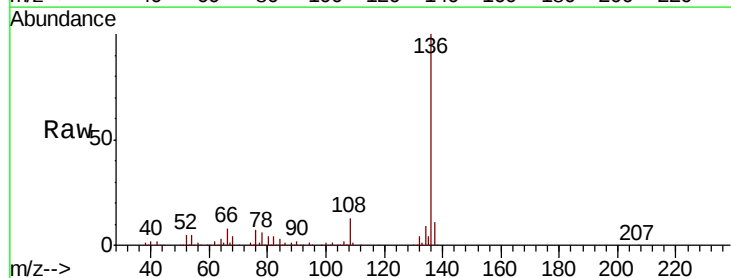
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.4

54 5.4 4.8 7.2

68 4.0 3.5 5.3

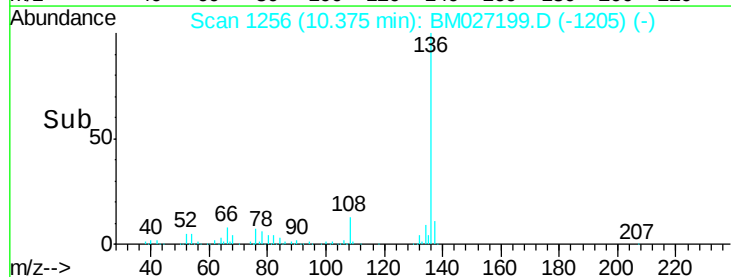
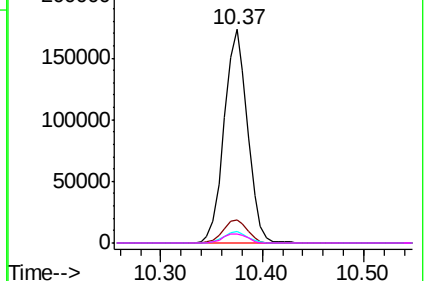


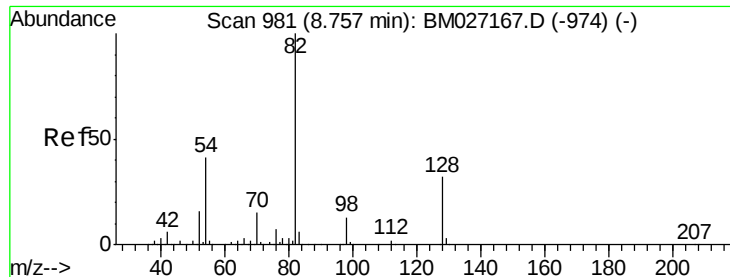
Abundance Ion 136.00 (135.70 to 136.70): BM027167.D (-1249) (-)

Ion 137.00 (136.70 to 137.70): BM027167.D (-1249) (-)

Ion 54.00 (53.70 to 54.70): BM027167.D (-1249) (-)

Ion 68.00 (67.70 to 68.70): BM027167.D (-1249) (-)

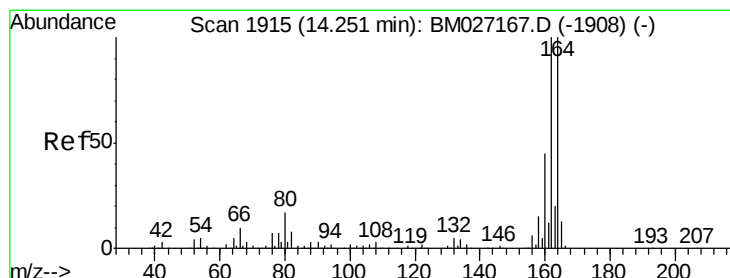
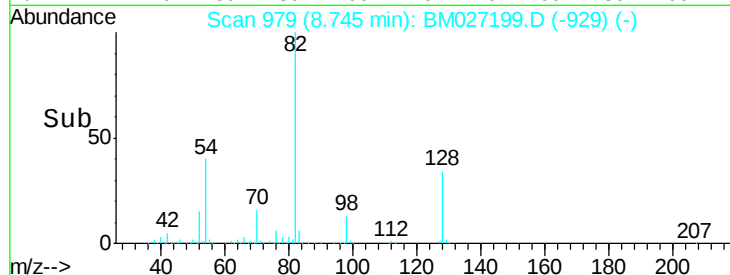
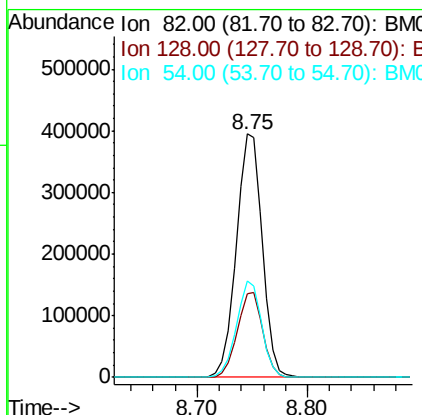
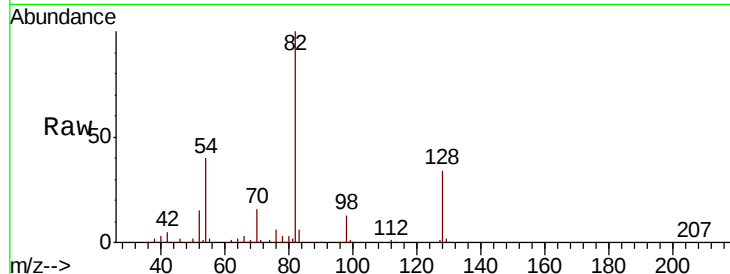




#23
Nitrobenzene-d5
Concen: 96.729 ng
RT: 8.75 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM027199.D
Acq: 24 Aug 2020 18:12

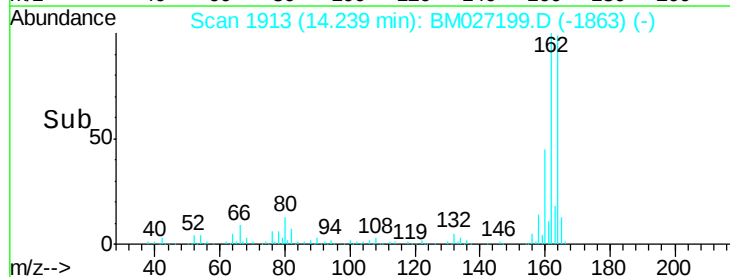
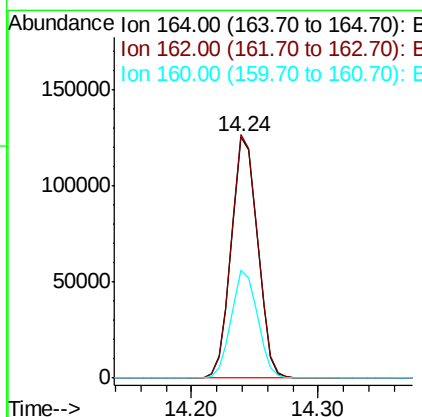
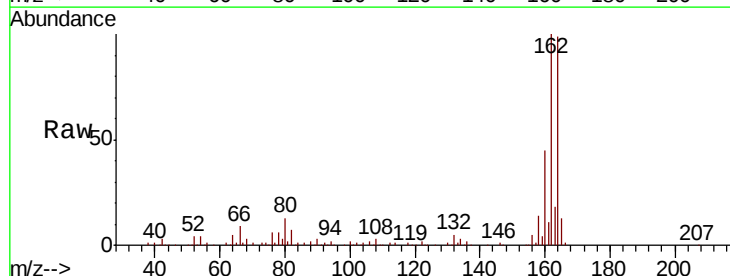
Instrument :
BNA_M
ClientSampleId :
FB

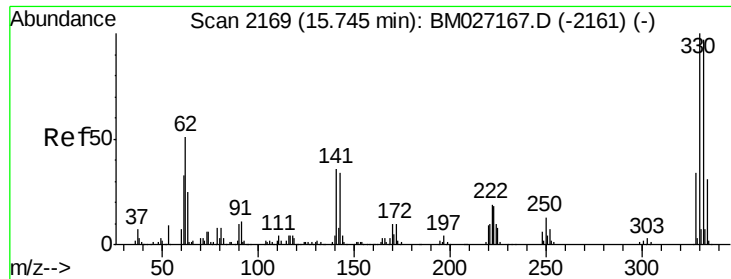
Tot Ion	82	Resp	649065
Ion Ratio	100	Lower	Upper
128	34.1	25.7	38.5
54	39.6	33.0	49.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.24 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM027199.D
Acq: 24 Aug 2020 18:12

Tgt Ion	164	Resp	179294
Ion Ratio	100	Lower	Upper
162	101.0	80.2	120.4
160	45.0	36.3	54.5

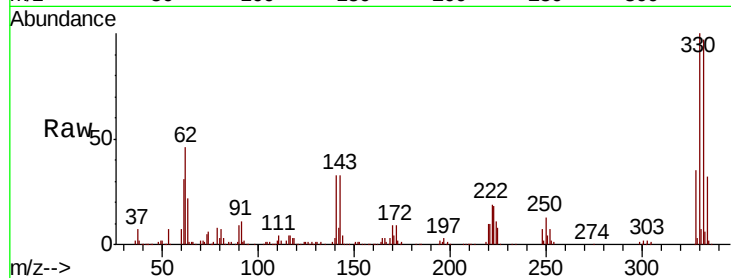




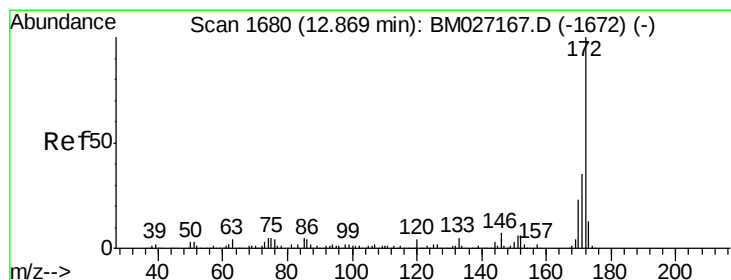
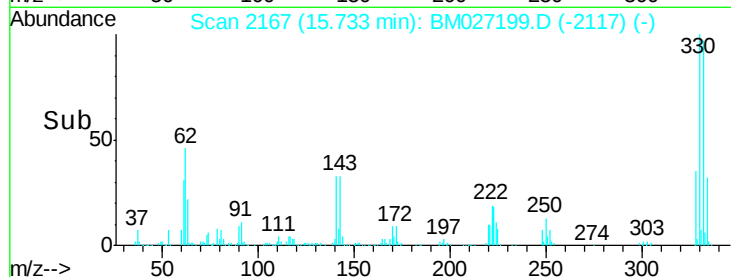
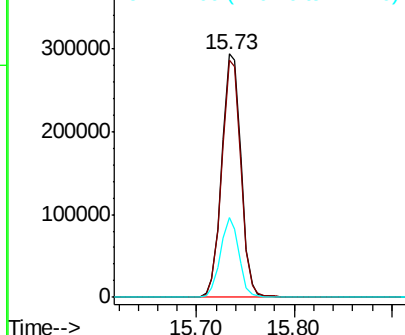
#42
 2,4,6-Tribromophenol
 Concen: 138.486 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BM027199.D
 Acq: 24 Aug 2020 18:12

Instrument :
 BNA_M
 ClientSampleId :
 FB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.2	115.8
141	31.6	31.0	46.6

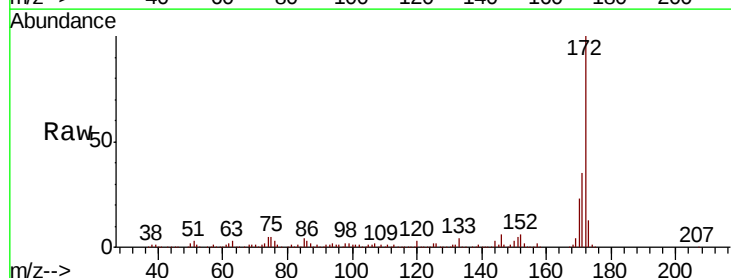


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

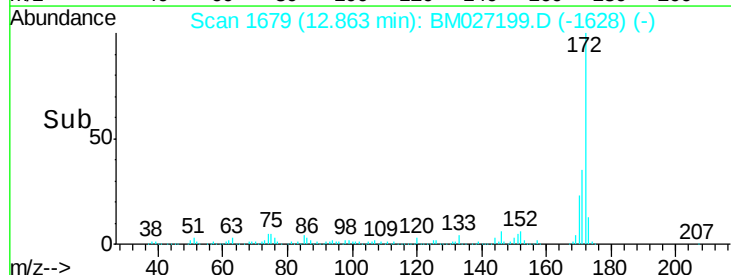
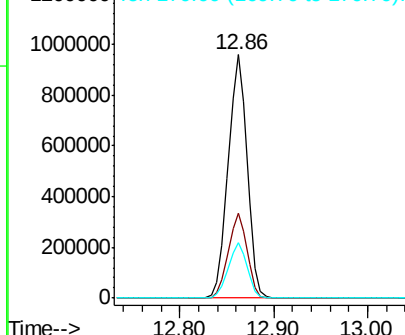


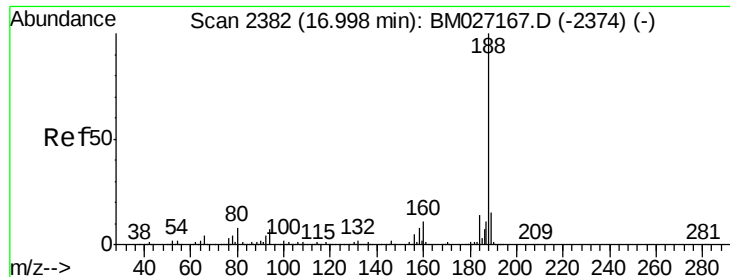
#45
 2-Fluorobiphenyl
 Concen: 98.491 ng
 RT: 12.86 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BM027199.D
 Acq: 24 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	22.8	18.6	28.0



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

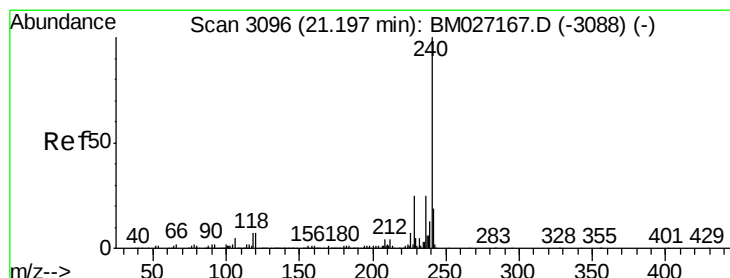
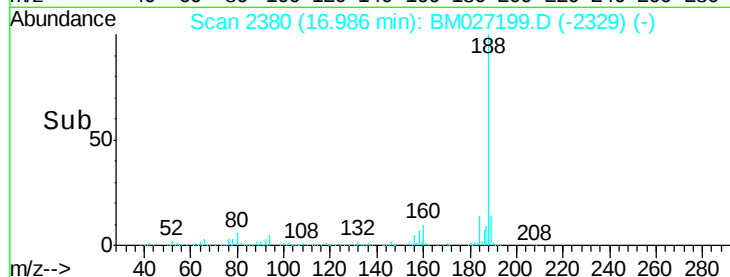
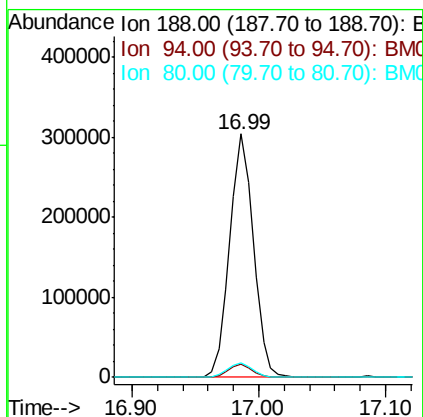
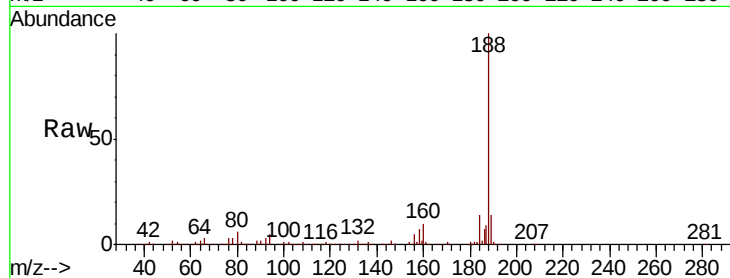




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM027199.D
Acq: 24 Aug 2020 18:12

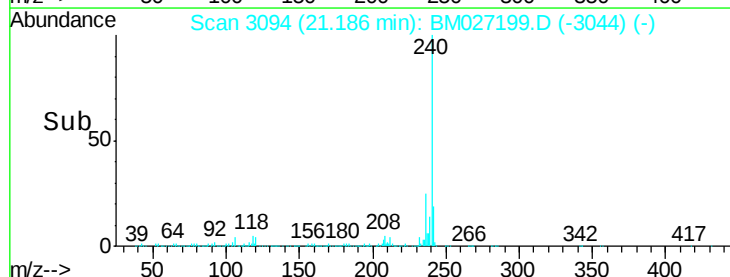
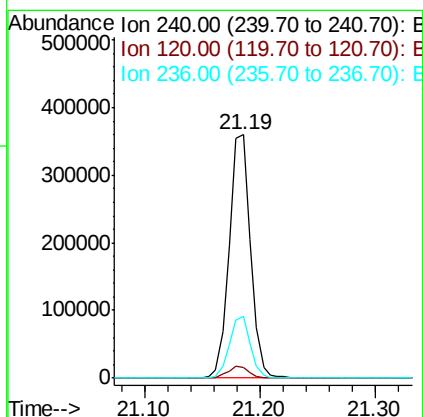
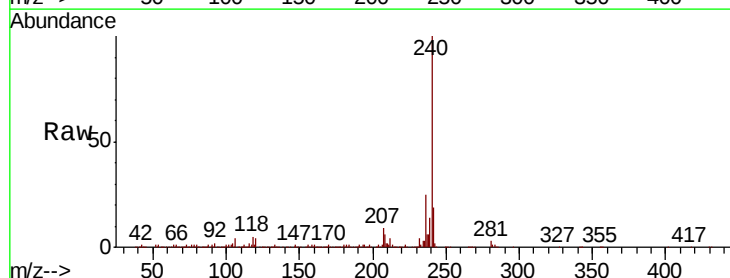
Instrument :
BNA_M
ClientSampleId :
FB

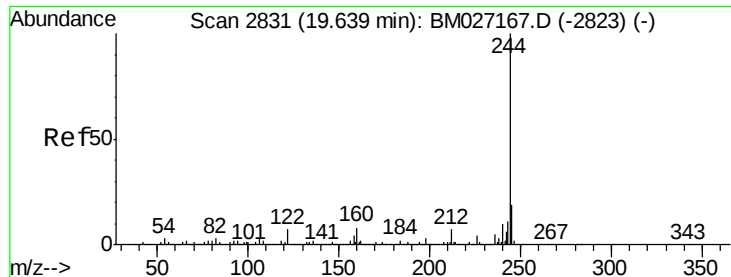
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.5	8.3#
80	5.9	6.2	9.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM027199.D
Acq: 24 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.4	5.6	8.4#
236	25.3	19.8	29.6





#79

Terphenyl-d14

Concen: 89.620 ng

RT: 19.63 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM027199.D

Acq: 24 Aug 2020 18:12

Instrument :

BNA_M

ClientSampleId :

FB

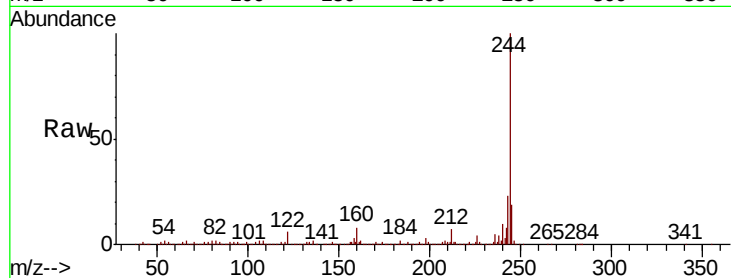
Tot Ion:244 Resp: 2203127

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

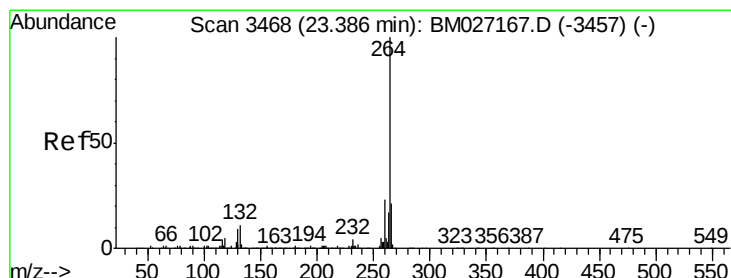
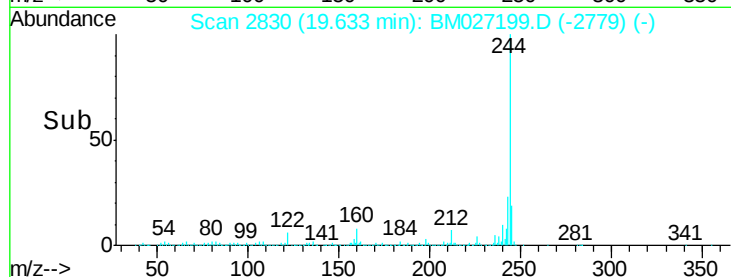
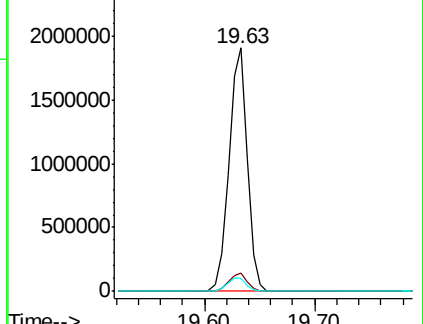
122 5.7 5.8 8.8#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM027199.D

Acq: 24 Aug 2020 18:12

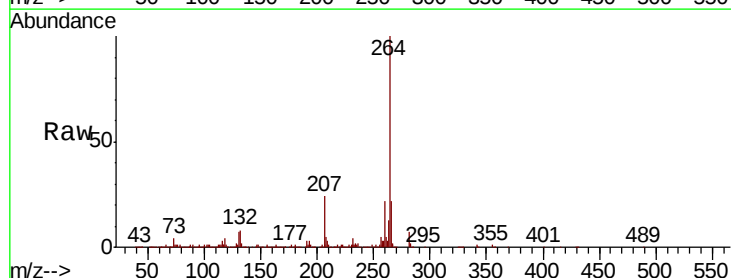
Tgt Ion:264 Resp: 530799

Ion Ratio Lower Upper

264 100

260 22.4 18.8 28.2

265 21.8 17.5 26.3



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

