

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
 Data File : BM020088.D
 Acq On : 01 May 2019 13:48
 Operator : JU/SJ
 Sample : PB119042BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119042BL

Quant Time: May 02 01:29:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	130597	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	467424	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	270094	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	623892	20.00	ng	0.00
76) Chrysene-d12	21.36	240	573301	20.00	ng	0.00
87) Perylene-d12	23.65	264	622159	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	897338	112.31	ng	0.00
7) Phenol-d6	6.95	99	1207901	110.67	ng	0.00
23) Nitrobenzene-d5	8.96	82	877399	74.11	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	444280	105.97	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1669464	76.05	ng	0.00
79) Terphenyl-d14	19.80	244	2580822	78.52	ng	0.00

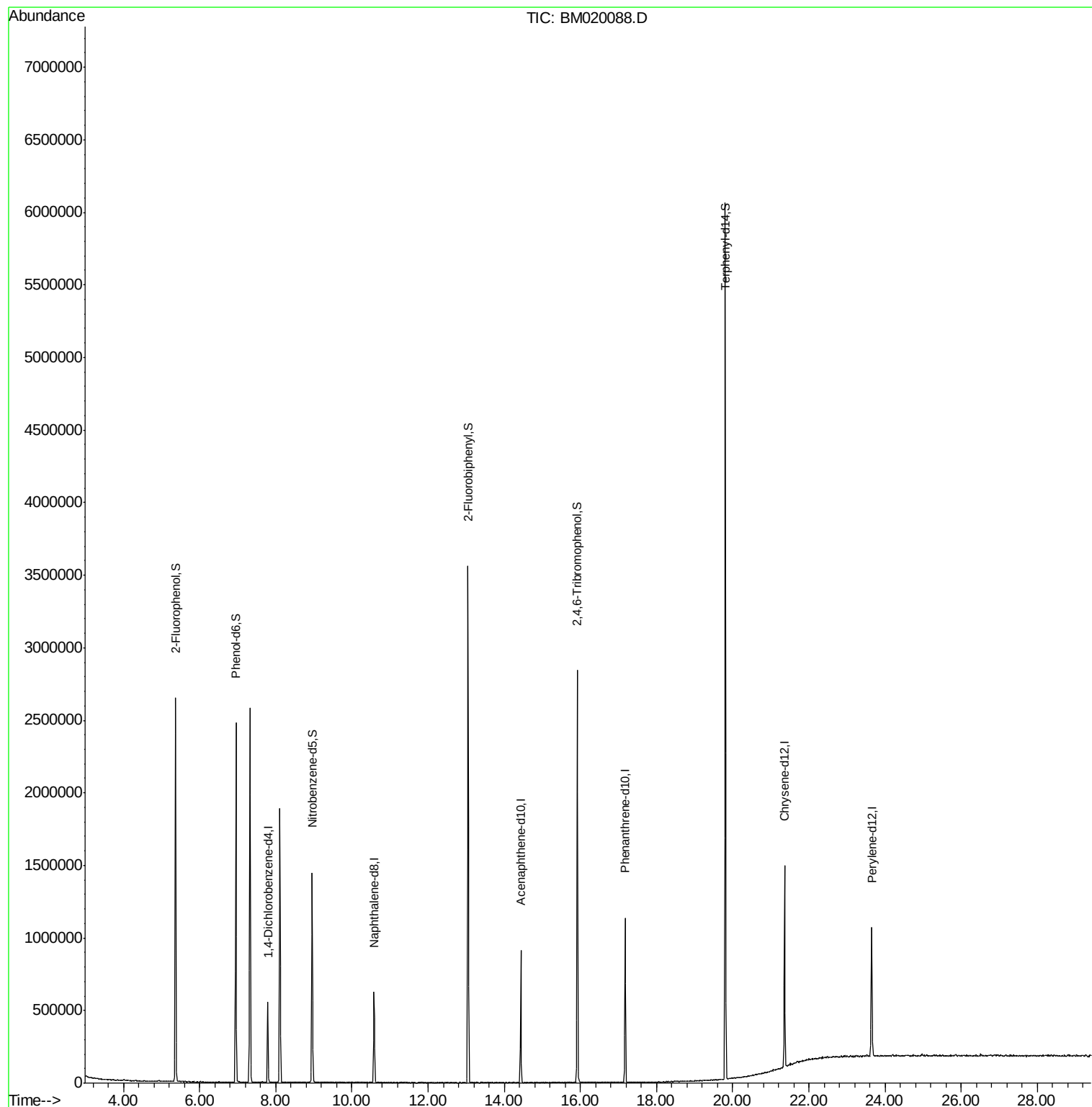
Target Compounds Qvalue

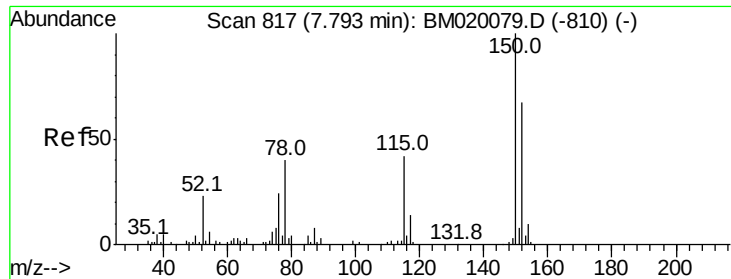
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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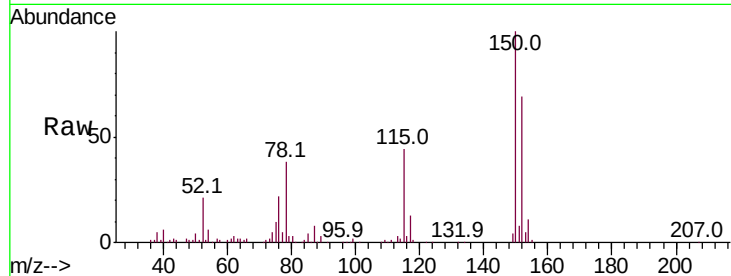


#1

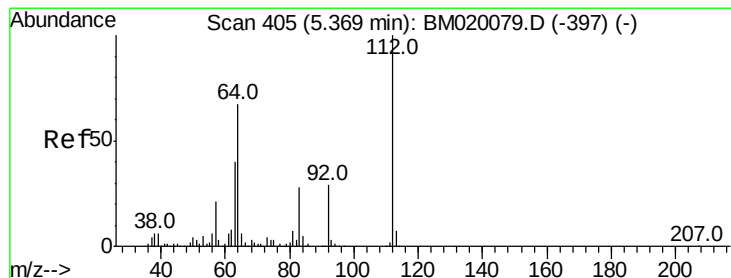
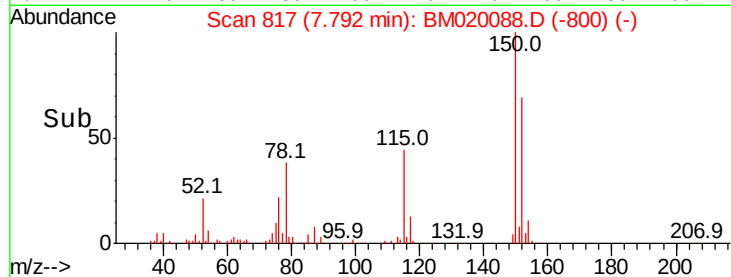
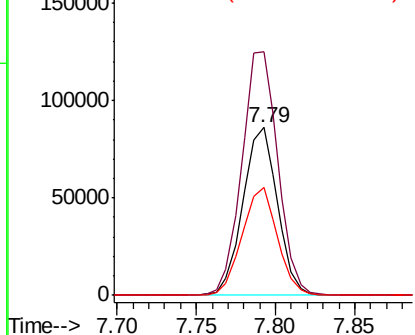
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. -0.00 min
Lab File: BM020088.D
Acq: 01 May 2019 13:48

Instrument :
BNA_M
ClientSampleId :
PB119042BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.2	119.8	179.8
115	64.5	50.8	76.2



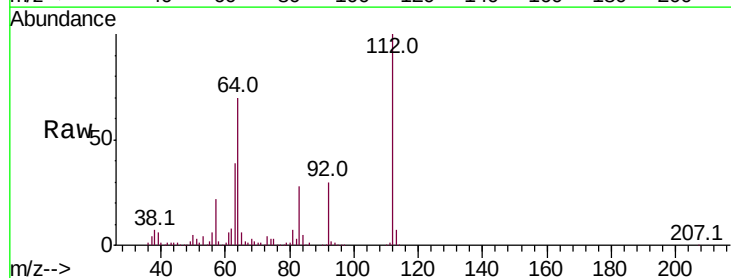
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



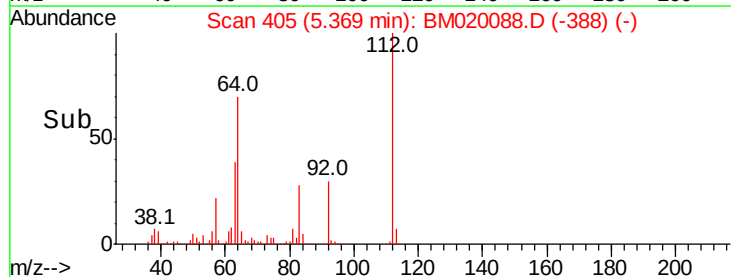
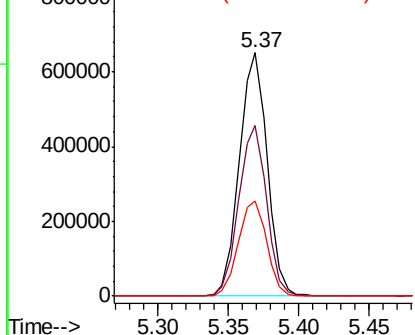
#5

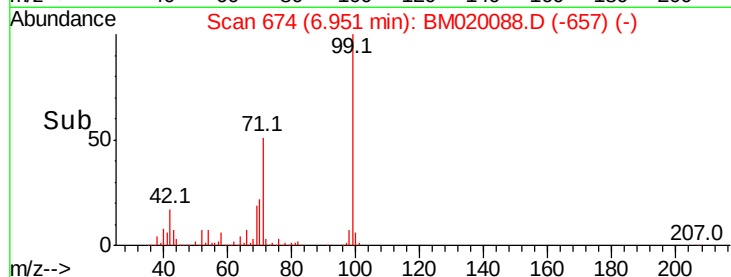
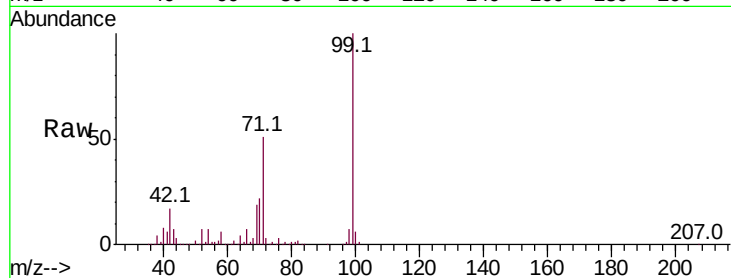
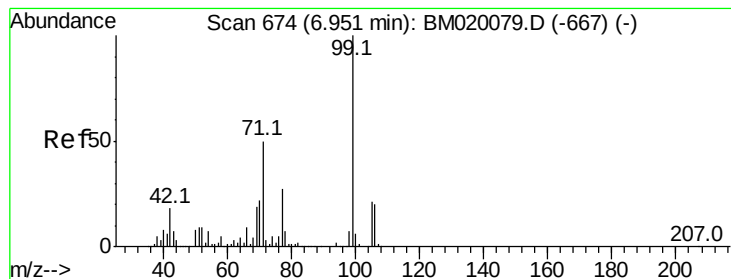
2-Fluorophenol
Concen: 112.314 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM020088.D
Acq: 01 May 2019 13:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	53.8	80.6
63	39.3	32.3	48.5



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: 110.665 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020088.D

Acq: 01 May 2019 13:48

Instrument :

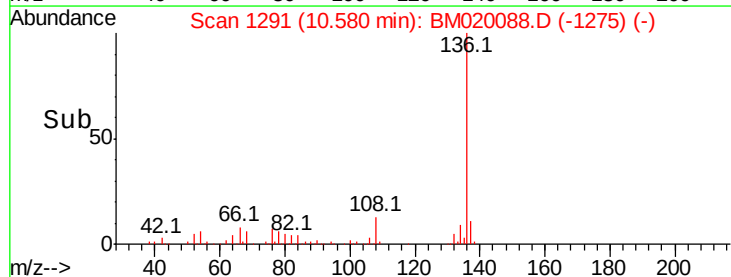
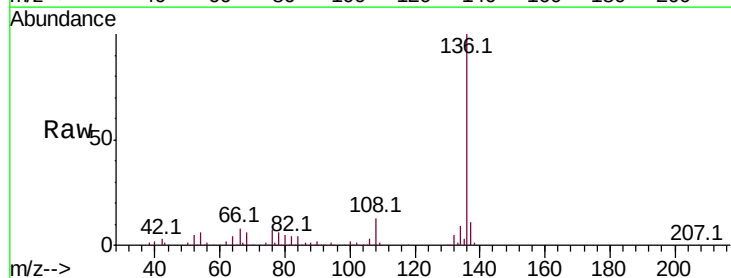
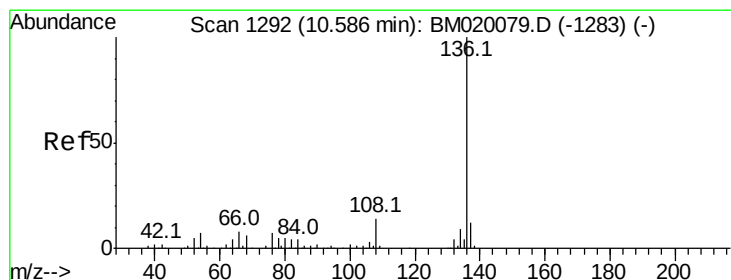
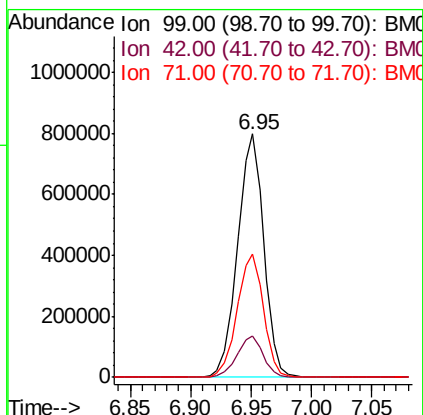
BNA_M

ClientSampleId :

PB119042BL

Tot Ion: 99 Resp: 1207901

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.2	21.2
71	50.9	40.3	60.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

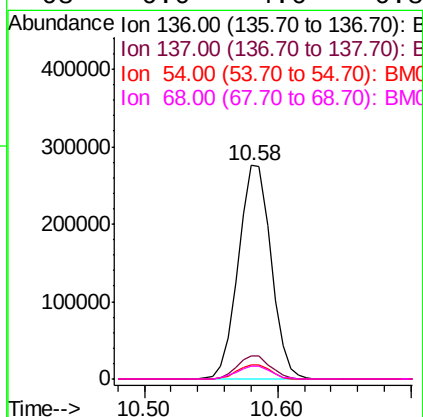
Delta R.T. -0.01 min

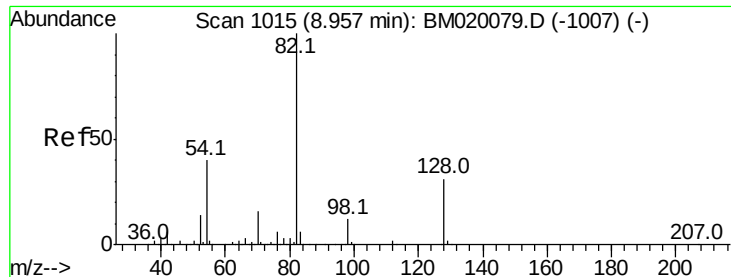
Lab File: BM020088.D

Acq: 01 May 2019 13:48

Tgt Ion: 136 Resp: 467424

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	6.3	5.5	8.3
68	6.0	4.6	6.8

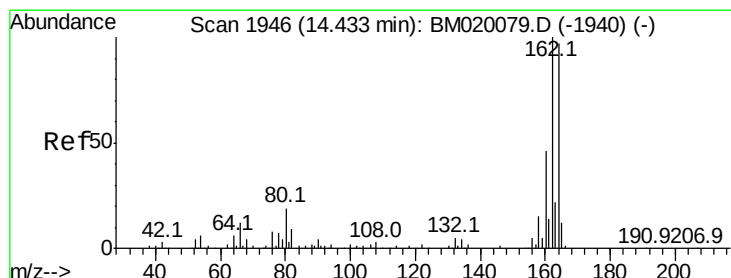
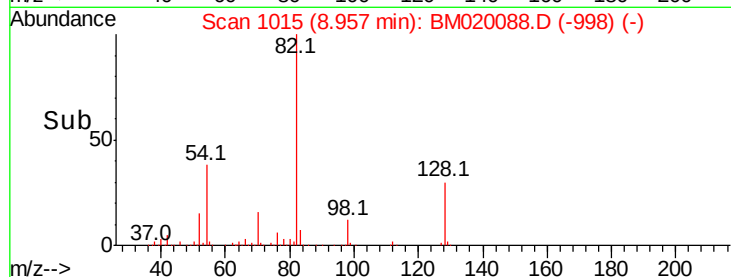
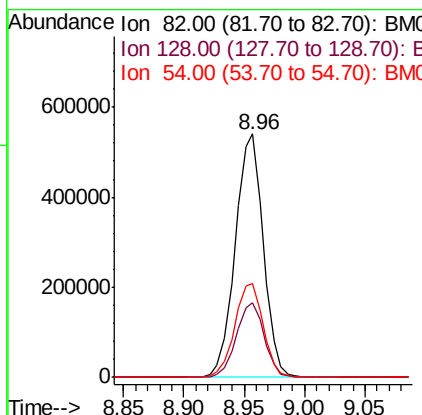
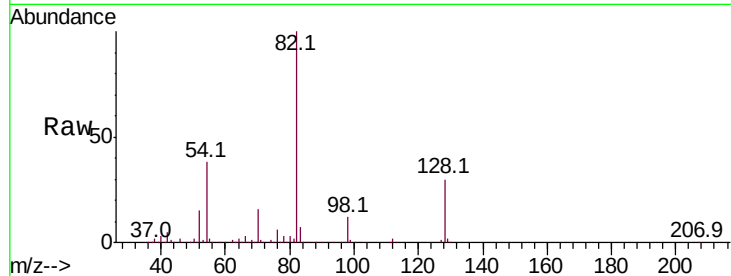




#23
Nitrobenzene-d5
Concen: 74.108 ng
RT: 8.96 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BM020088.D
Acq: 01 May 2019 13:48

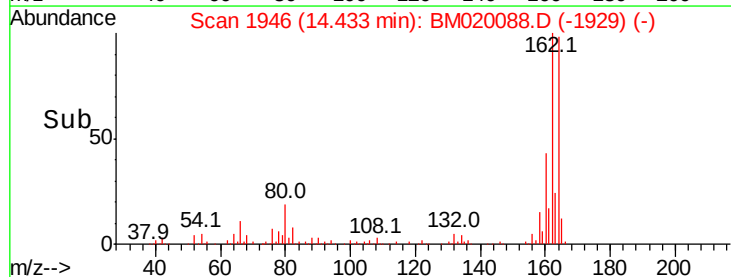
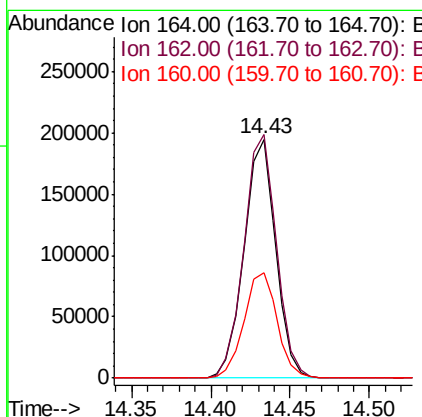
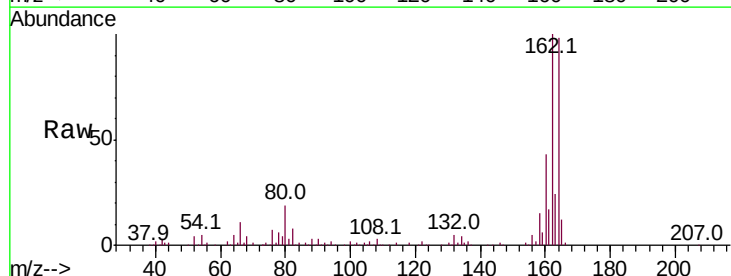
Instrument :
BNA_M
ClientSampleId :
PB119042BL

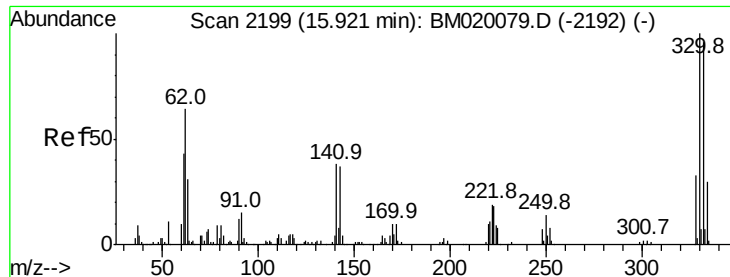
Tot Ion	82	Resp	877399
Ion	Ratio	Lower	Upper
82	100		
128	30.4	25.2	37.8
54	38.4	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BM020088.D
Acq: 01 May 2019 13:48

Tgt Ion	164	Resp	270094
Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.2	123.2
160	44.1	37.6	56.4

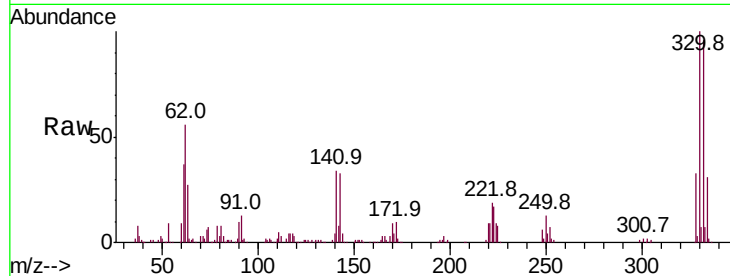




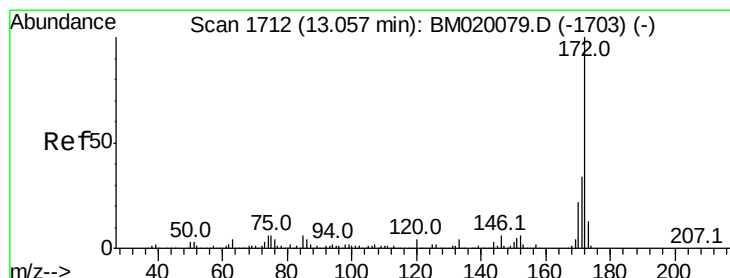
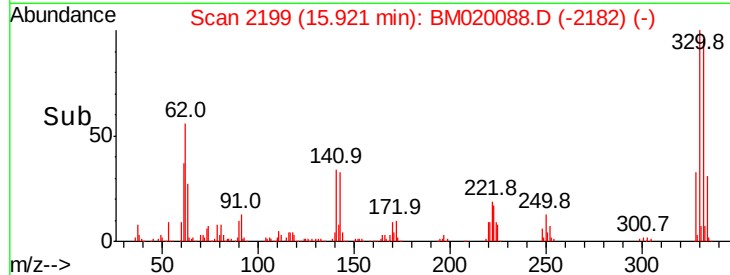
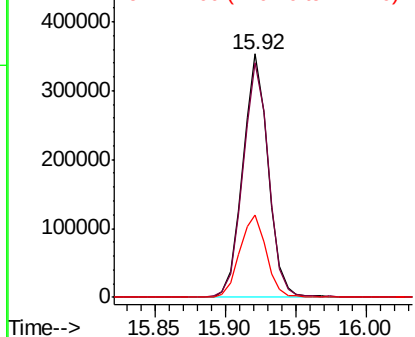
#42
 2,4,6-Tribromophenol
 Concen: 105.974 ng
 RT: 15.92 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BM020088.D
 Acq: 01 May 2019 13:48

Instrument :
 BNA_M
 ClientSampleId :
 PB119042BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.8	115.2
141	35.5	29.2	43.8

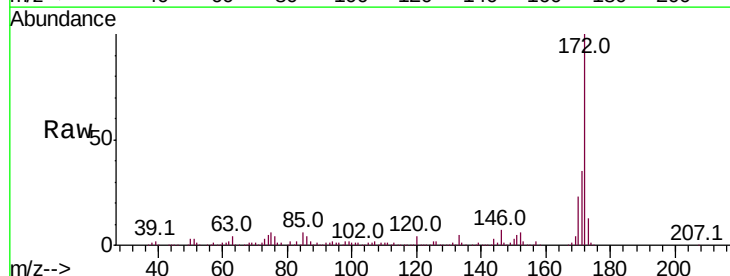


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

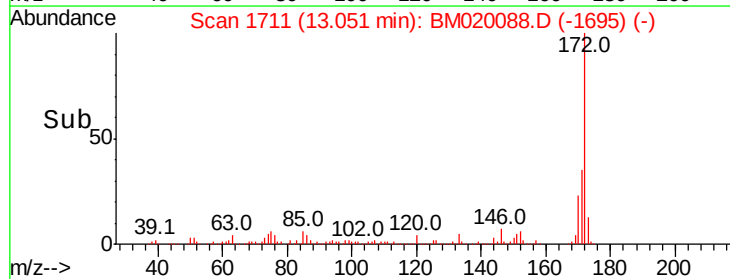
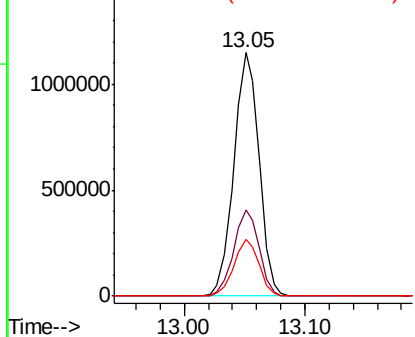


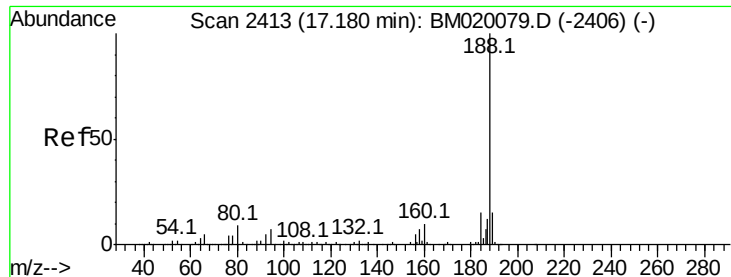
#45
 2-Fluorobiphenyl
 Concen: 76.049 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM020088.D
 Acq: 01 May 2019 13:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.3	40.9
170	23.4	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM020088.D

Acq: 01 May 2019 13:48

Instrument :

BNA_M

ClientSampleId :

PB119042BL

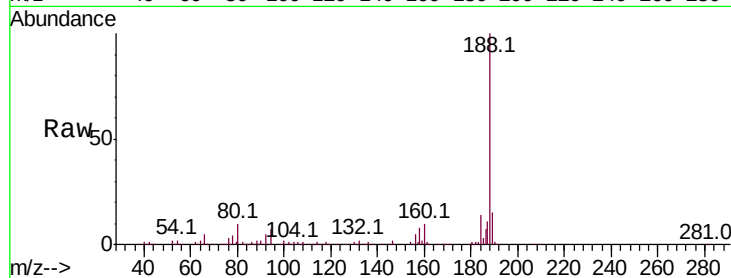
Tot Ion:188 Resp: 623892

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.6

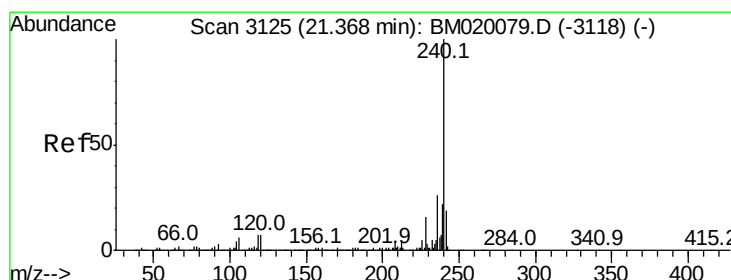
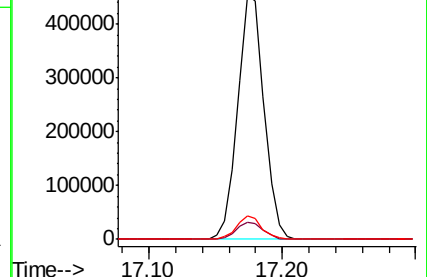
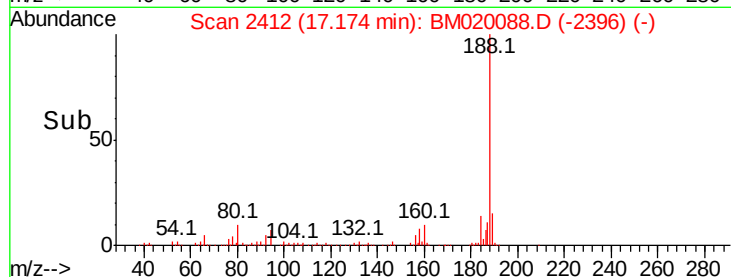
80 9.5 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020088.D

Acq: 01 May 2019 13:48

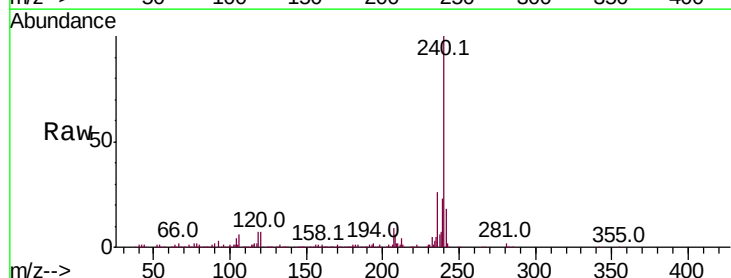
Tgt Ion:240 Resp: 573301

Ion Ratio Lower Upper

240 100

120 6.7 5.6 8.4

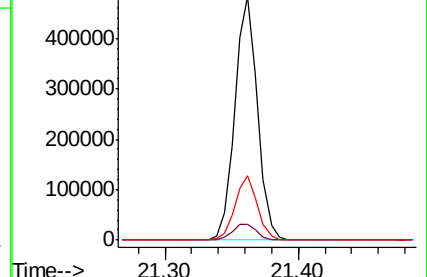
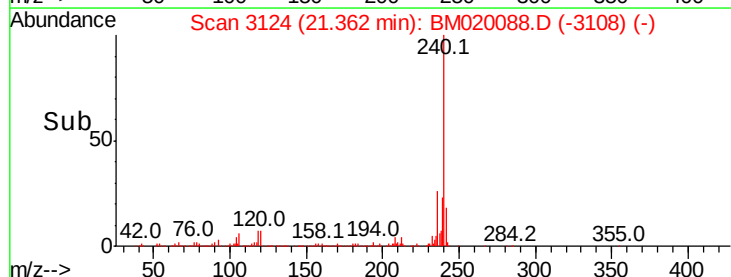
236 26.3 20.9 31.3

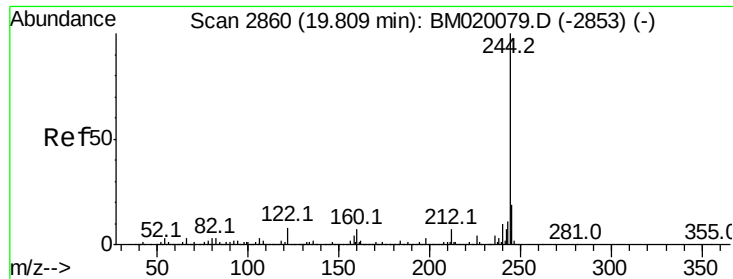


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.519 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020088.D

Acq: 01 May 2019 13:48

Instrument :

BNA_M

ClientSampleId :

PB119042BL

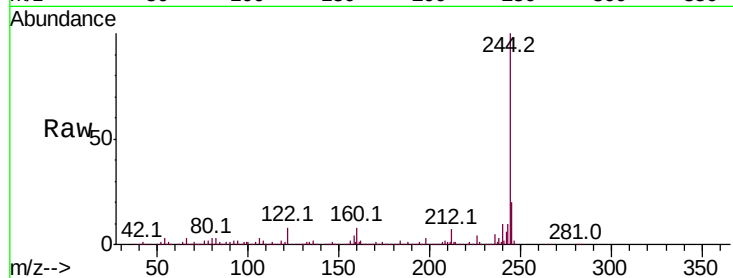
Tot Ion:244 Resp: 2580822

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

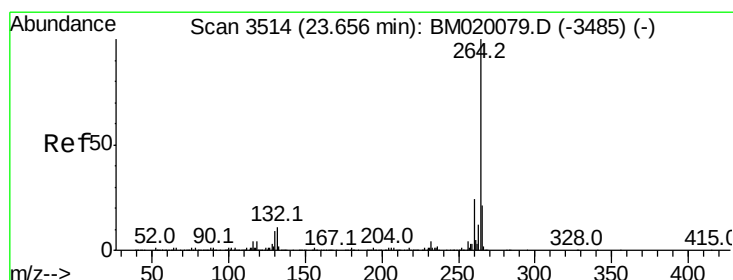
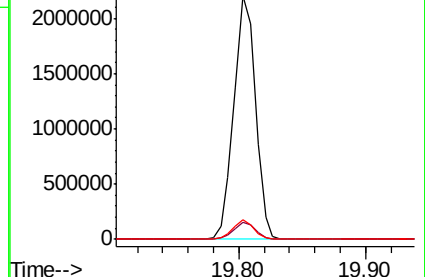
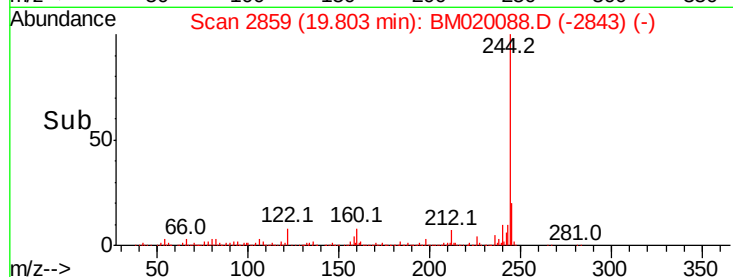
122 7.9 6.2 9.2



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

Perylene-d12

Concen: 20.000 ng

RT: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020088.D

Acq: 01 May 2019 13:48

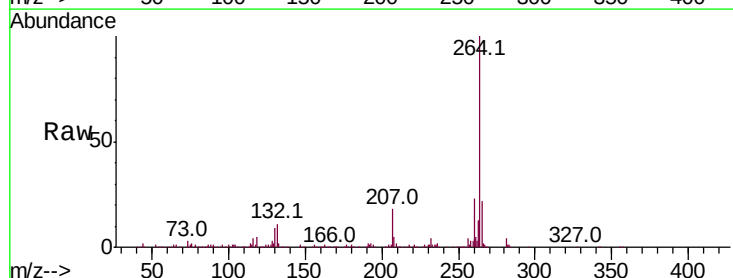
Tgt Ion:264 Resp: 622159

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.4 16.9 25.3



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

