

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
 Data File : BM024644.D
 Acq On : 29 Jan 2020 11:29
 Operator : CG/JU
 Sample : PB126393BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 02:53:16 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	281877	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1017695	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	708189	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1541147	20.00	ng	0.00
76) Chrysene-d12	21.04	240	1262412	20.00	ng	-0.01
87) Perylene-d12	23.16	264	1191572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	2351338	158.64	ng	0.00
7) Phenol-d6	6.65	99	2861389	140.14	ng	0.00
23) Nitrobenzene-d5	8.58	82	1831748	88.27	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1671212	145.07	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	5194412	99.72	ng	0.00
79) Terphenyl-d14	19.50	244	8681181	128.38	ng	0.00

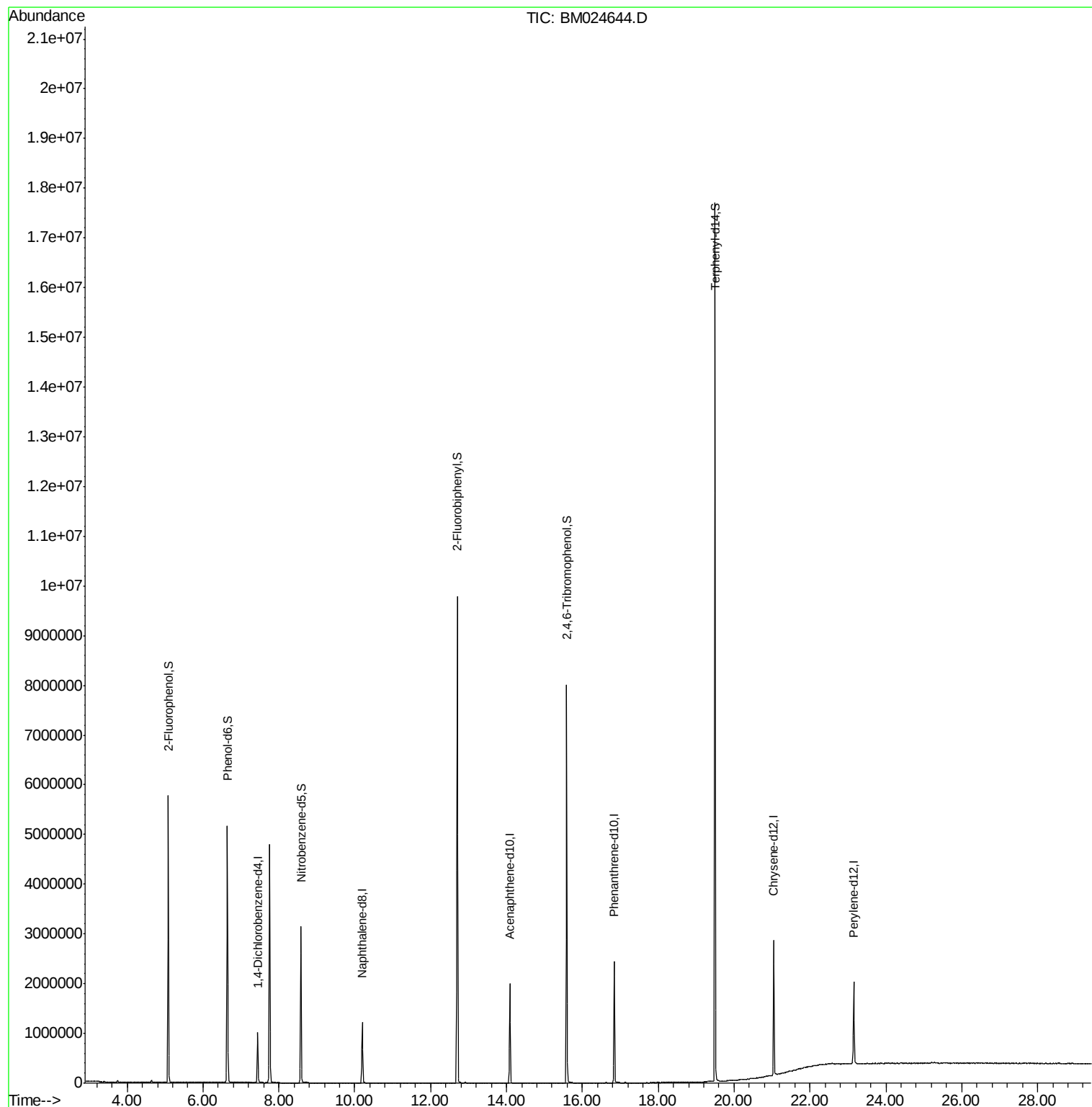
Target Compounds Qvalue

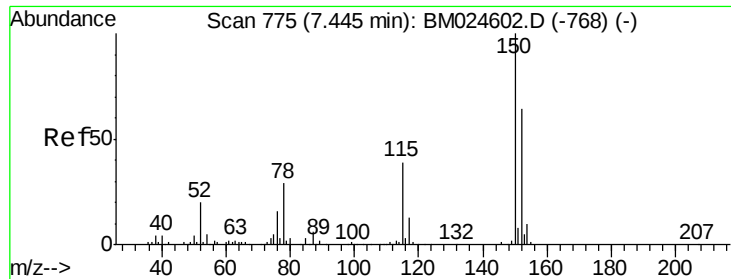
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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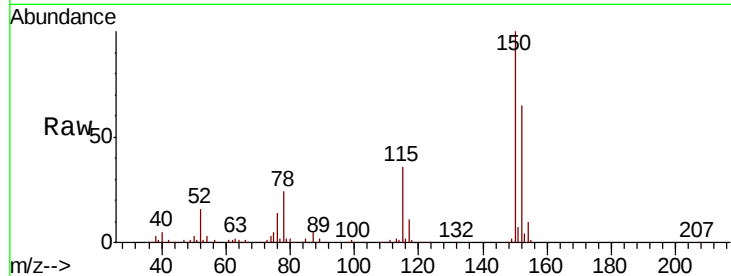


#1

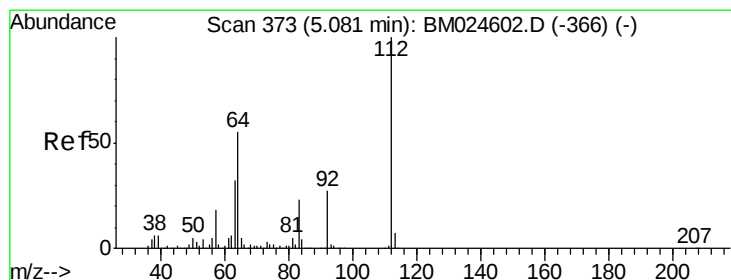
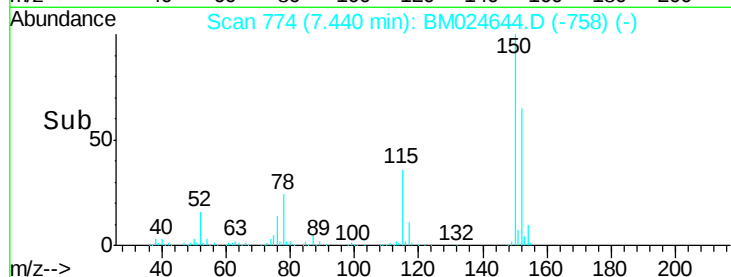
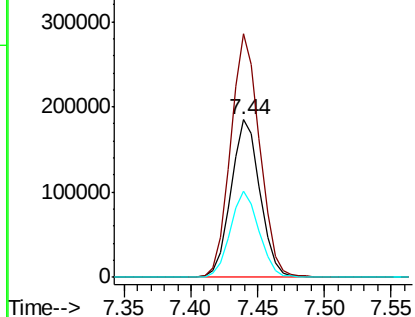
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024644.D
Acq: 29 Jan 2020 11:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.2	186.4
115	54.9	48.6	72.8



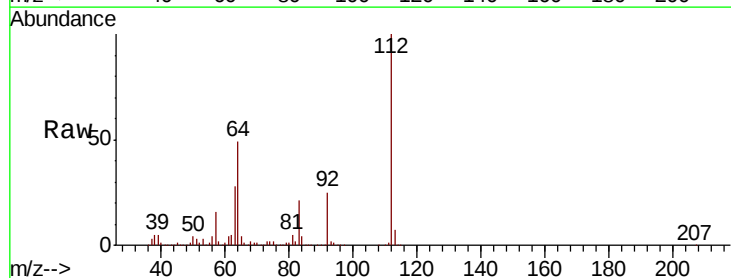
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



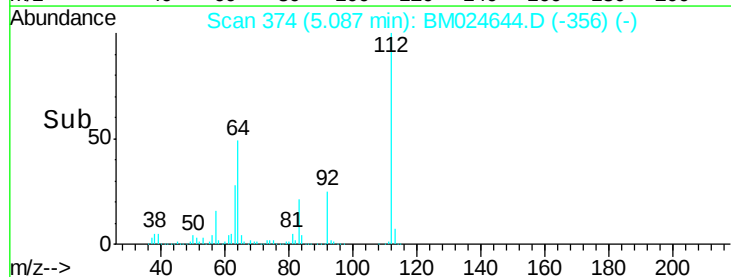
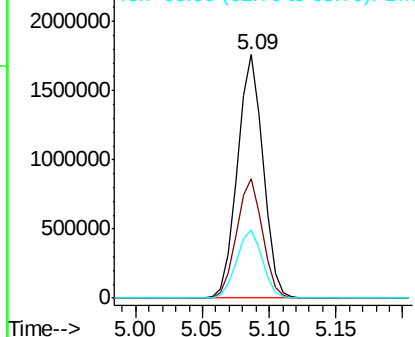
#5

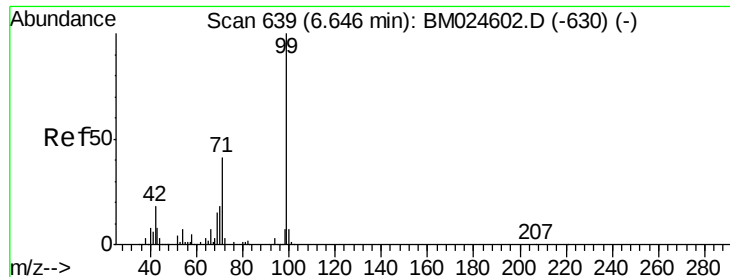
2-Fluorophenol
Concen: 158.639 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM024644.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.1	44.2	66.4
63	28.2	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: 140.139 ng

RT: 6.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM024644.D

Acq: 29 Jan 2020 11:29

Instrument :

BNA_M

ClientSampled :

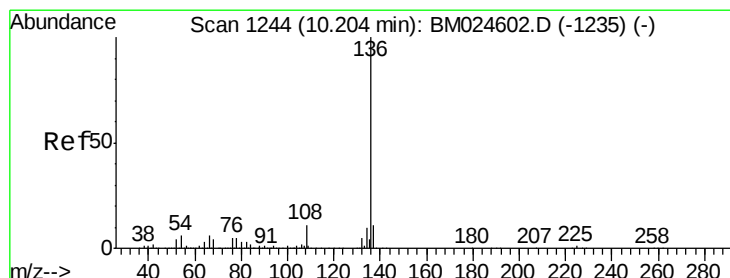
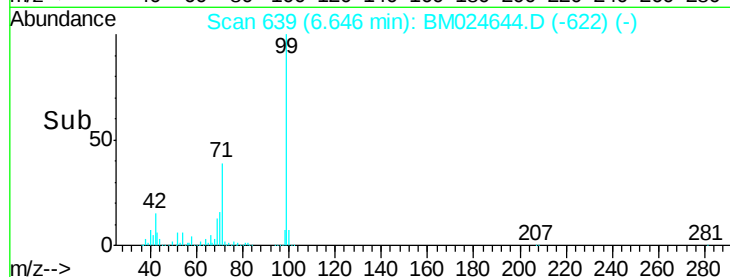
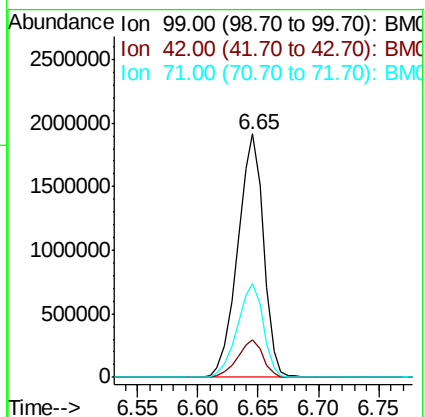
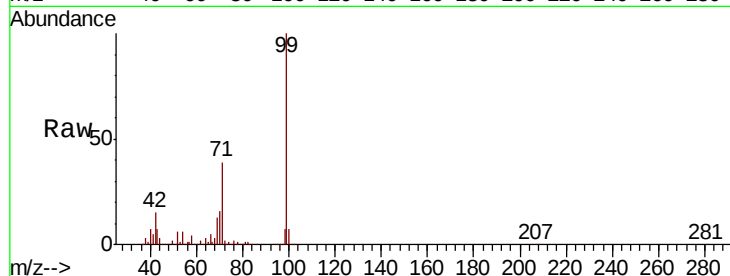
Tot Ion: 99 Resp: 2861389

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

71 38.8 33.0 49.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM024644.D

Acq: 29 Jan 2020 11:29

Tgt Ion: 136 Resp: 1017695

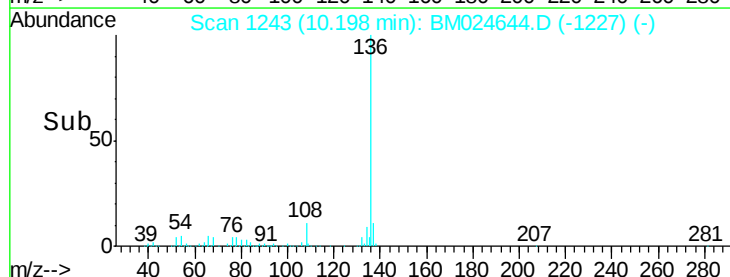
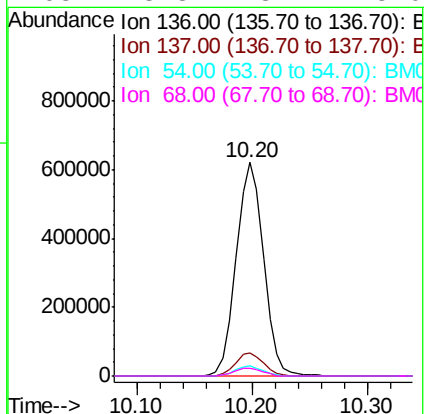
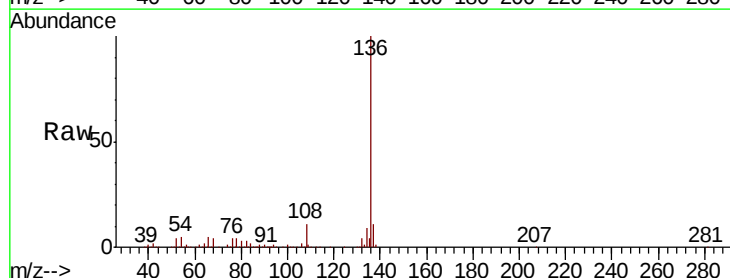
Ion Ratio Lower Upper

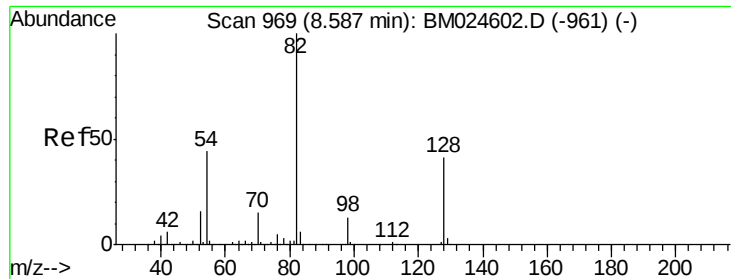
136 100

137 11.1 8.6 13.0

54 4.7 4.5 6.7

68 3.8 3.4 5.0



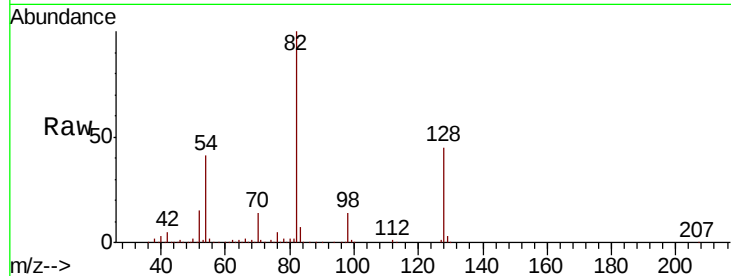


#23
 Nitrobenzene-d5
 Concen: 88.270 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM024644.D
 Acq: 29 Jan 2020 11:29

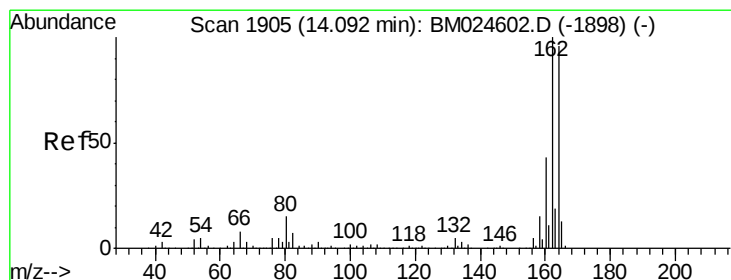
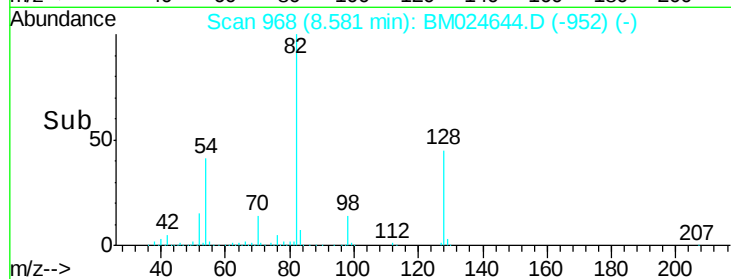
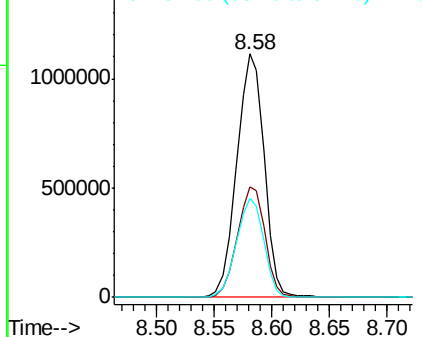
Instrument :
 BNA_M
 ClientSampleID :

Tot Ion: 82 Resp: 1831748

Ion	Ratio	Lower	Upper
82	100		
128	45.1	32.6	48.8
54	40.6	34.8	52.2



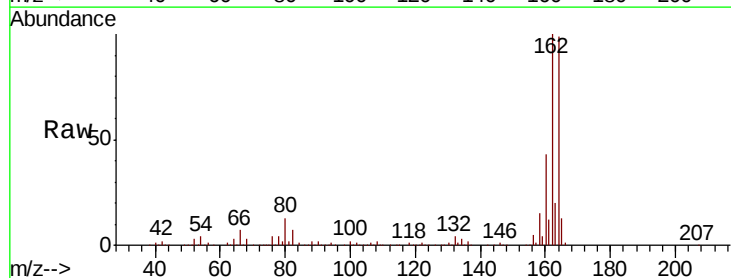
Abundance Ion 82.00 (81.70 to 82.70): BM024602.D (-961) (-)
 Ion 128.00 (127.70 to 128.70): BM024602.D (-961) (-)
 Ion 54.00 (53.70 to 54.70): BM024602.D (-961) (-)



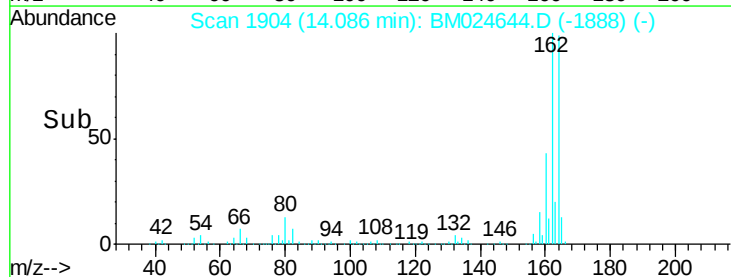
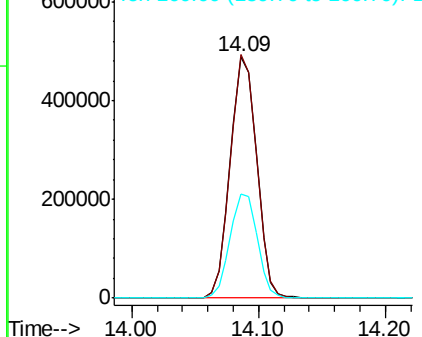
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM024644.D
 Acq: 29 Jan 2020 11:29

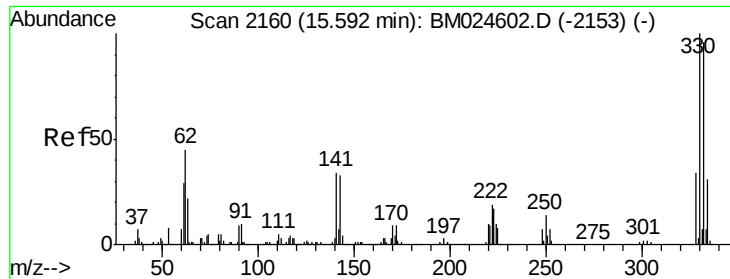
Tgt Ion: 164 Resp: 708189

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.9	124.3
160	43.2	35.5	53.3



Abundance Ion 164.00 (163.70 to 164.70): BM024602.D (-1898) (-)
 Ion 162.00 (161.70 to 162.70): BM024602.D (-1898) (-)
 Ion 160.00 (159.70 to 160.70): BM024602.D (-1898) (-)

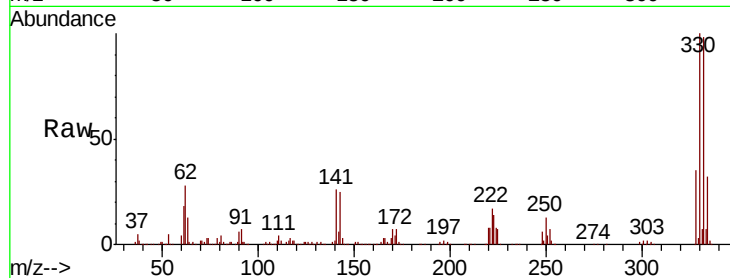




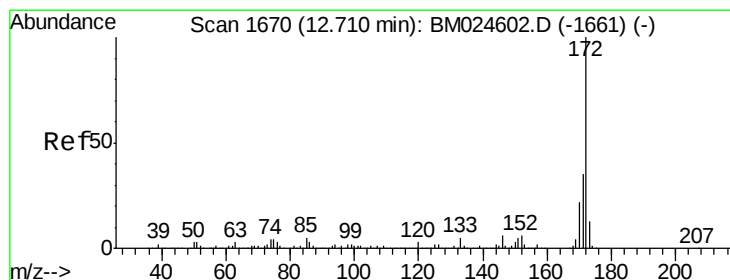
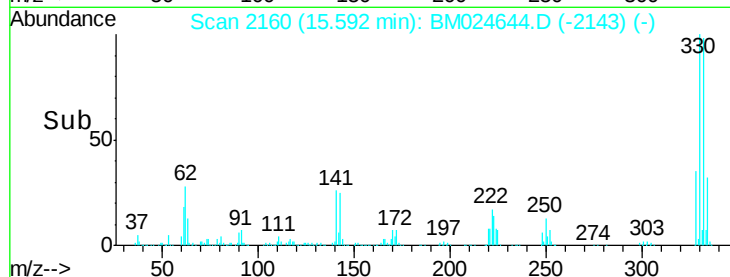
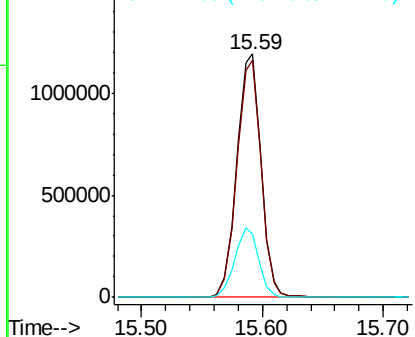
#42
 2,4,6-Tribromophenol
 Concen: 145.074 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BM024644.D
 Acq: 29 Jan 2020 11:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1671212
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.2 115.8
 141 28.1 26.9 40.3

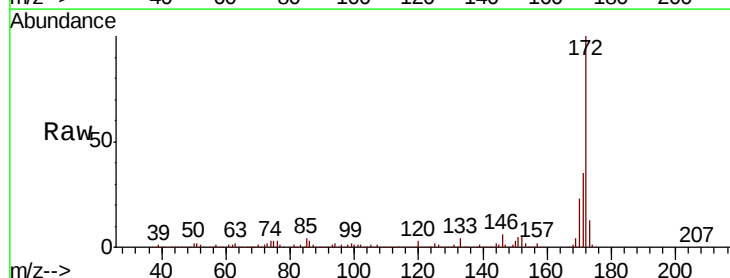


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

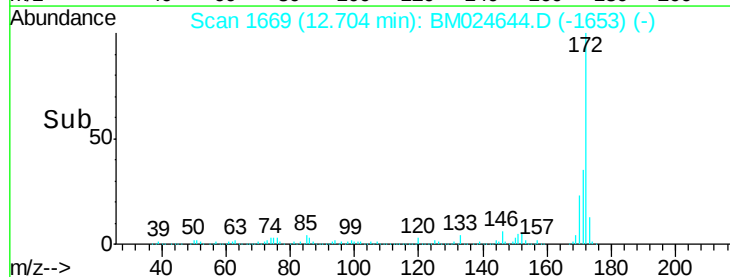
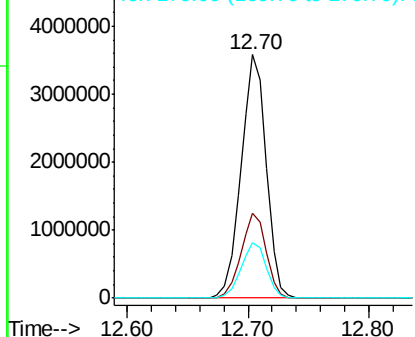


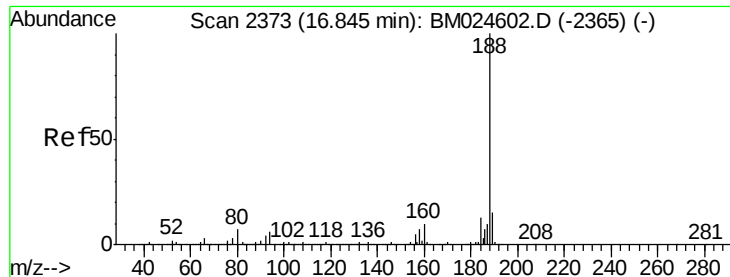
#45
 2-Fluorobiphenyl
 Concen: 99.717 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM024644.D
 Acq: 29 Jan 2020 11:29

Tgt Ion:172 Resp: 5194412
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.3 42.5
 170 22.8 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: 16.84 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BM024644.D

Acq: 29 Jan 2020 11:29

Instrument :

BNA_M

ClientSampled :

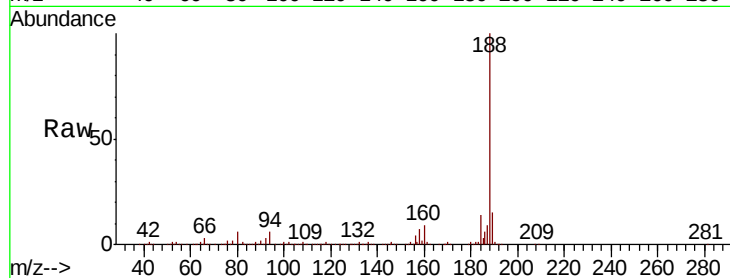
Tot Ion:188 Resp: 1541147

Ion Ratio Lower Upper

188 100

94 5.6 5.0 7.6

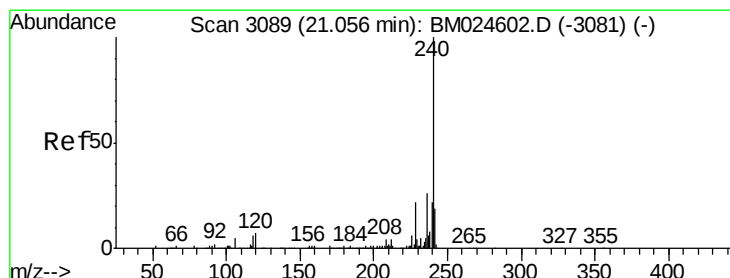
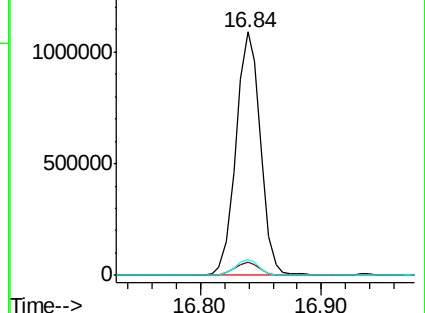
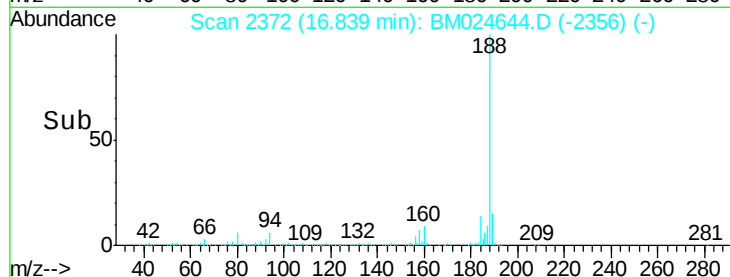
80 6.3 5.8 8.8



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: 21.04 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM024644.D

Acq: 29 Jan 2020 11:29

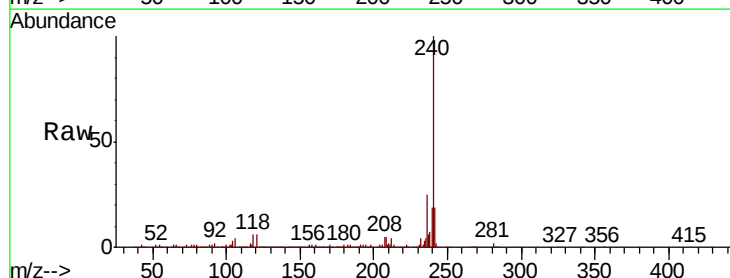
Tgt Ion:240 Resp: 1262412

Ion Ratio Lower Upper

240 100

120 6.0 5.3 7.9

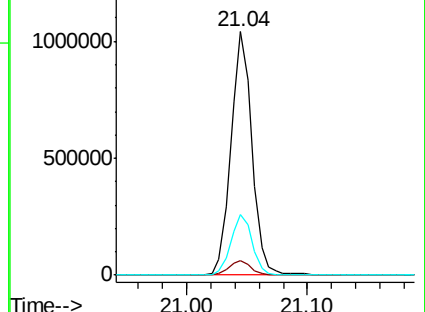
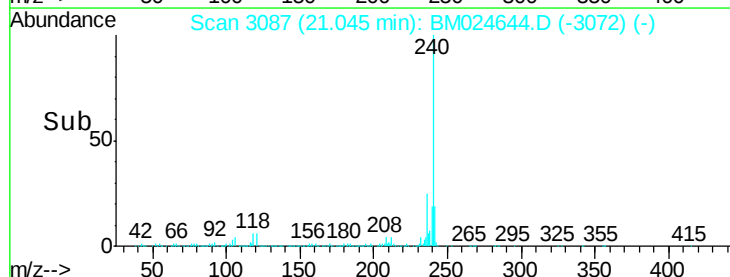
236 24.8 20.6 31.0

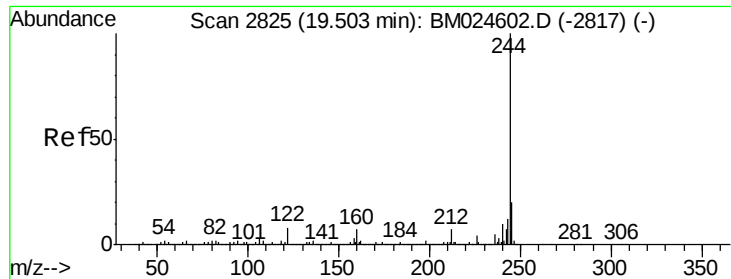


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

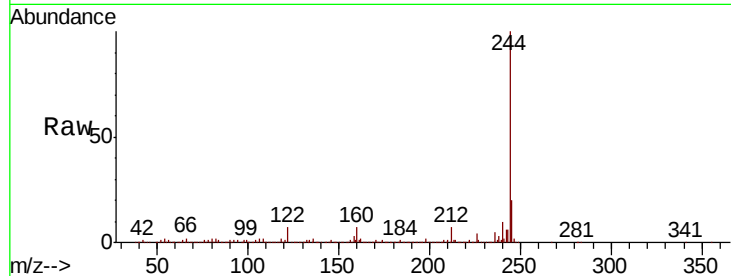




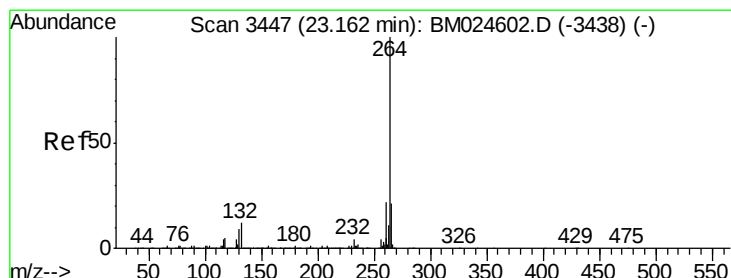
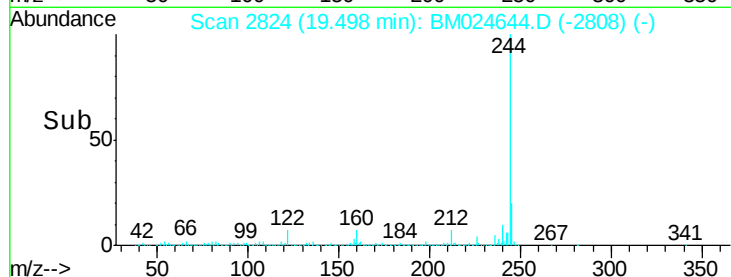
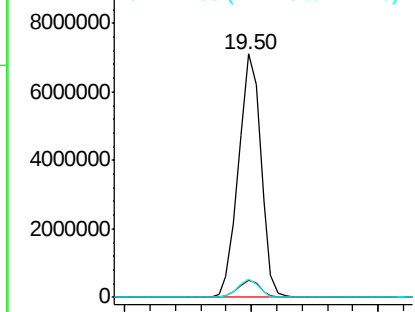
#79
 Terphenyl-d14
 Concen: 128.381 ng
 RT: 19.50 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM024644.D
 Acq: 29 Jan 2020 11:29

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 8681181
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 7.4 6.2 9.4

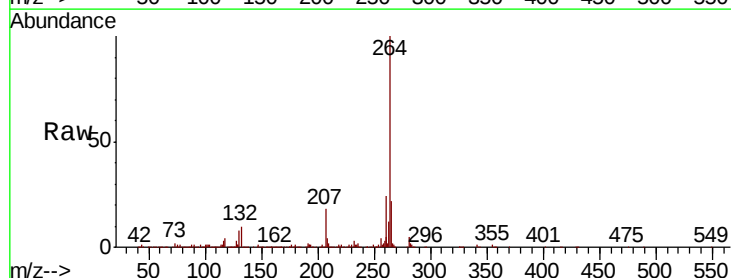


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.16 min Scan# 3446
 Delta R.T. -0.01 min
 Lab File: BM024644.D
 Acq: 29 Jan 2020 11:29

Tgt Ion:264 Resp: 1191572
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.9 26.9
 265 22.1 17.3 25.9



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

