

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022504.D
 Acq On : 03 Sep 2019 15:53
 Operator : HP/JU
 Sample : K4555-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-14

Quant Time: Sep 04 02:20:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 02 03:54:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	16318	20.00	ng	0.00
21) Naphthalene-d8	10.28	136	56126	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	33853	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	67687	20.00	ng	0.00
76) Chrysene-d12	21.16	240	76039	20.00	ng	0.00
87) Perylene-d12	23.35	264	91261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	55431	59.63	ng	0.00
7) Phenol-d6	6.70	99	40915	32.91	ng	0.00
23) Nitrobenzene-d5	8.68	82	121838	95.08	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	80776	116.61	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	265052	88.70	ng	0.00
79) Terphenyl-d14	19.58	244	560036	97.20	ng	0.00

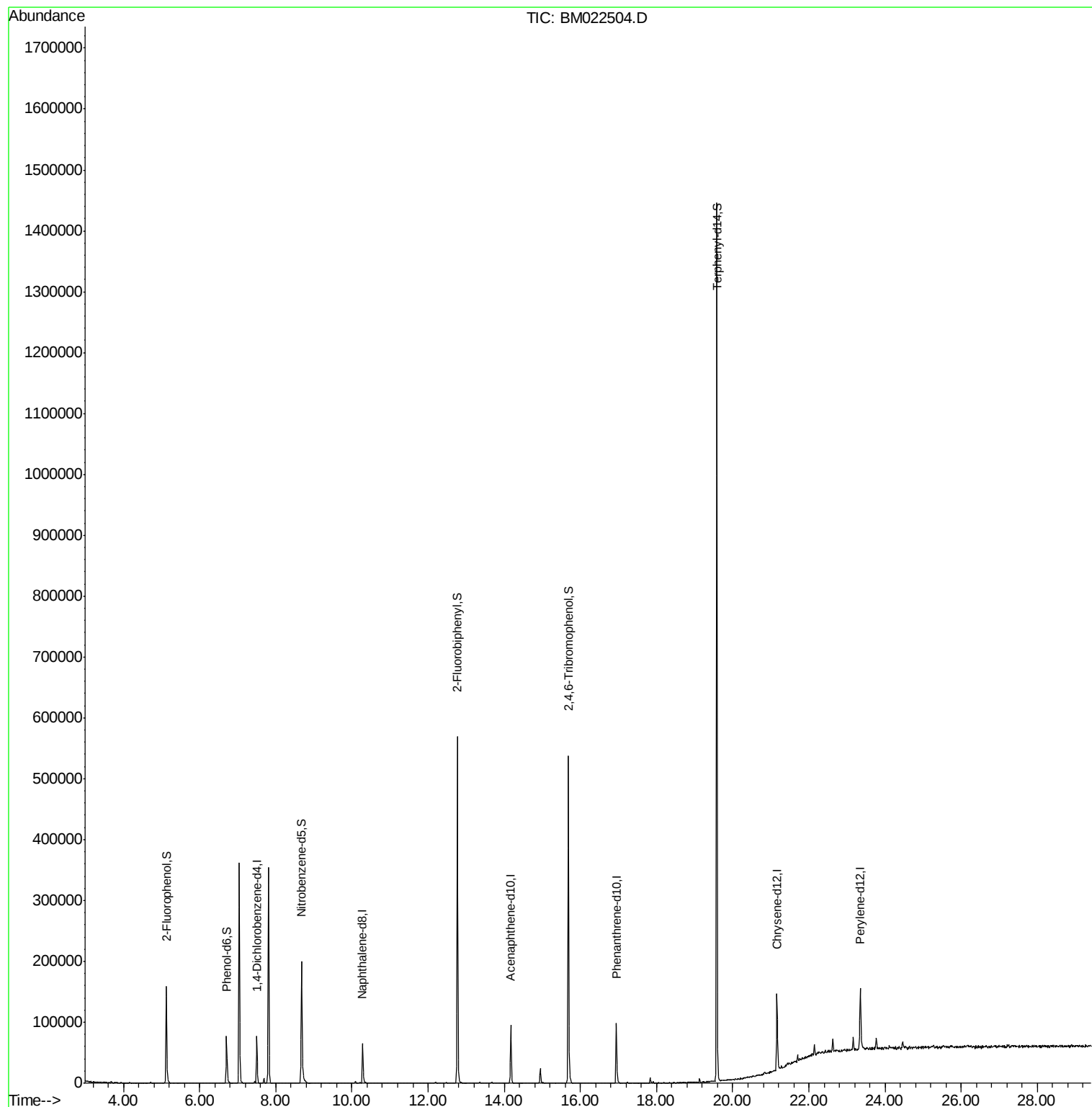
Target Compounds Qvalue

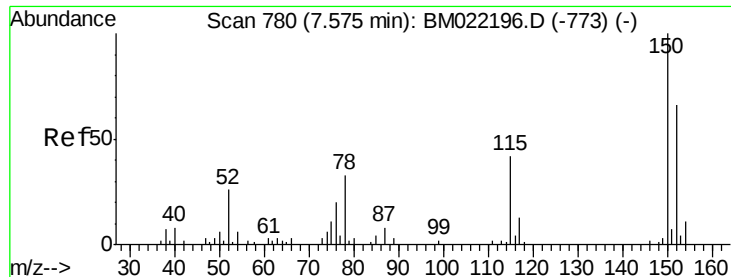
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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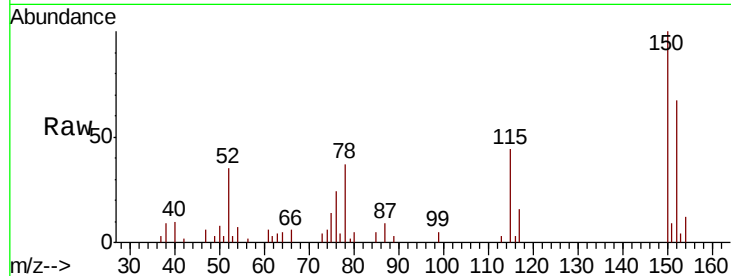


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM022504.D
Acq: 03 Sep 2019 15:53

Instrument :
BNA_M
ClientSampleId :
TW-14

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	125.4	188.0
115	65.8	50.3	75.5

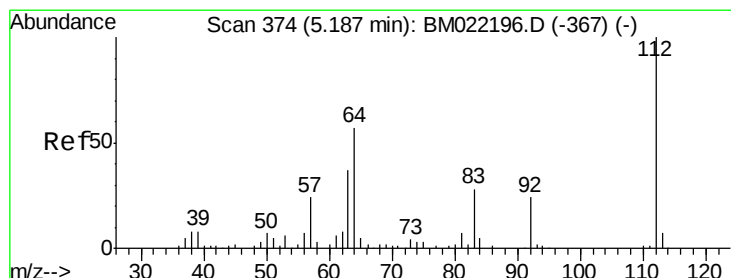
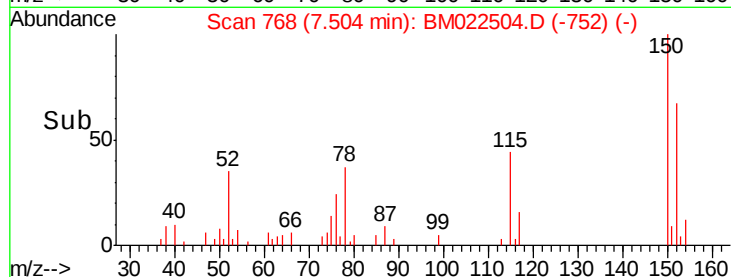
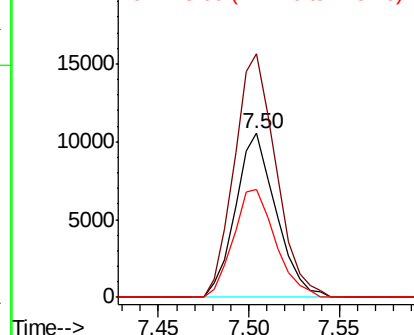


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

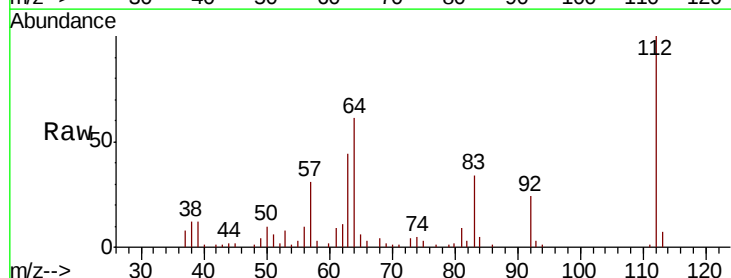
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 59.627 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM022504.D
Acq: 03 Sep 2019 15:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	45.4	68.2
63	43.7	34.5	51.7

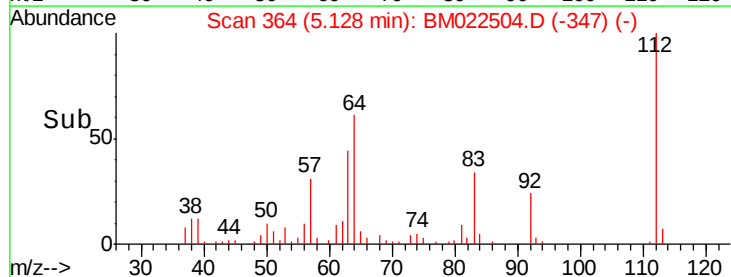
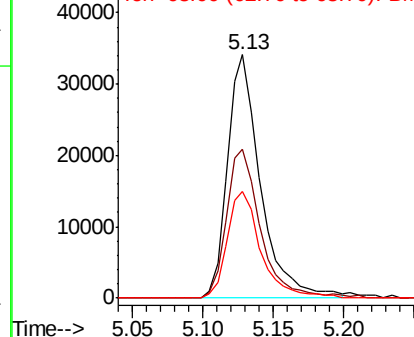


Abundance

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: 32.912 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM022504.D

Acq: 03 Sep 2019 15:53

Instrument :

BNA_M

ClientSampled :

TW-14

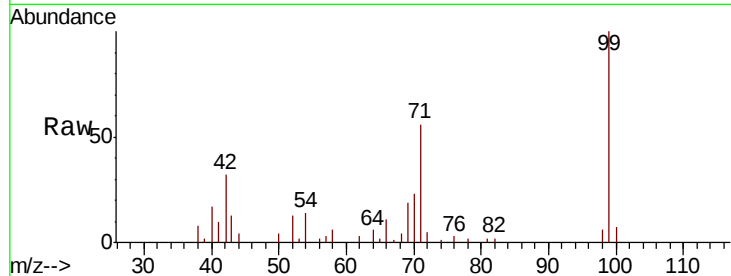
Tot Ion: 99 Resp: 40915

Ion Ratio Lower Upper

99 100

42 31.7 26.3 39.5

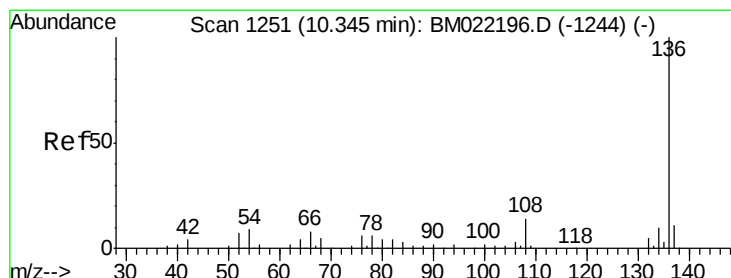
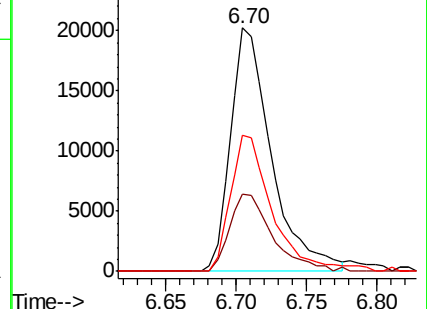
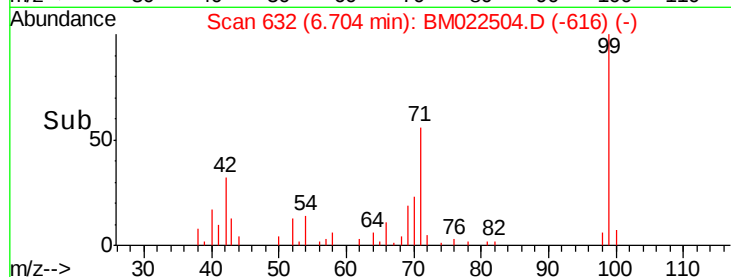
71 56.1 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.28 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BM022504.D

Acq: 03 Sep 2019 15:53

Tgt Ion: 136 Resp: 56126

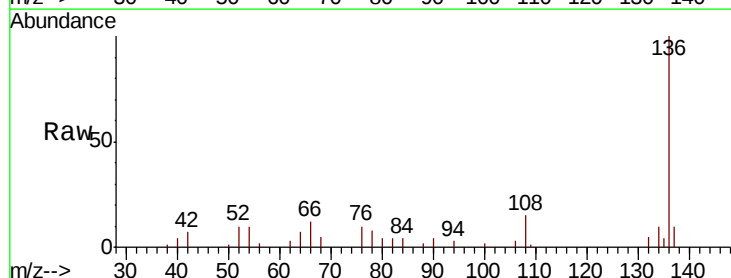
Ion Ratio Lower Upper

136 100

137 10.2 8.6 13.0

54 10.5 7.0 10.6

68 4.8 2.9 4.3#

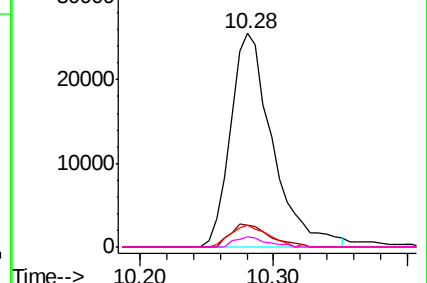
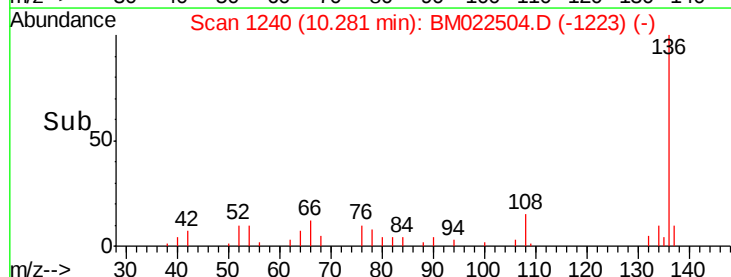


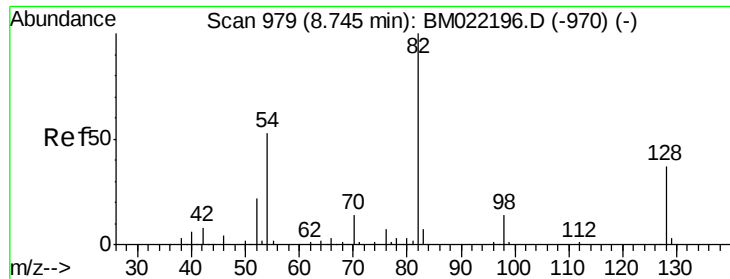
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM022196.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM022196.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM022196.D (-1244) (-)

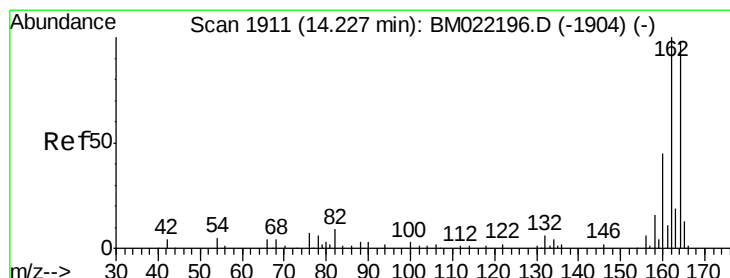
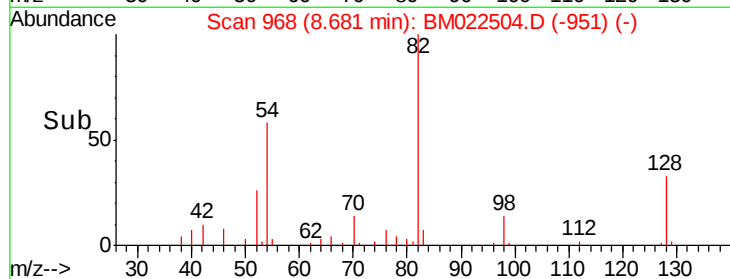
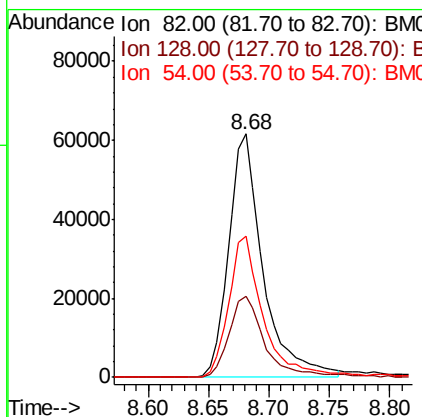
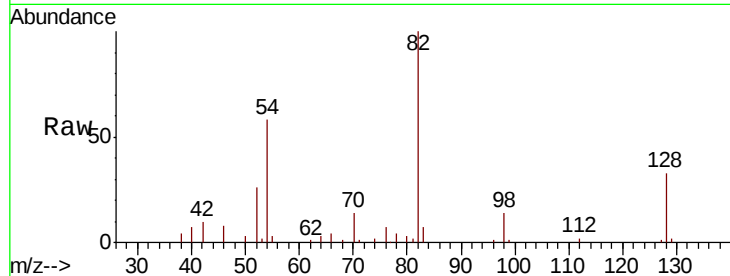




#23
 Nitrobenzene-d5
 Concen: 95.082 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BM022504.D
 Acq: 03 Sep 2019 15:53

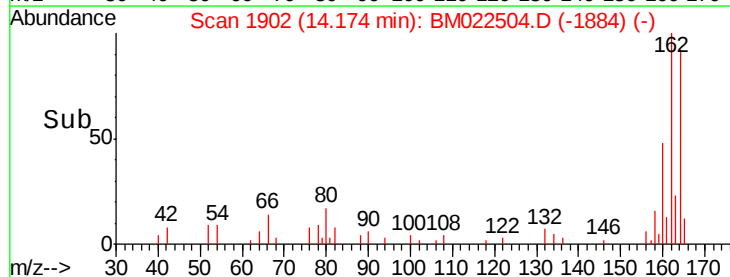
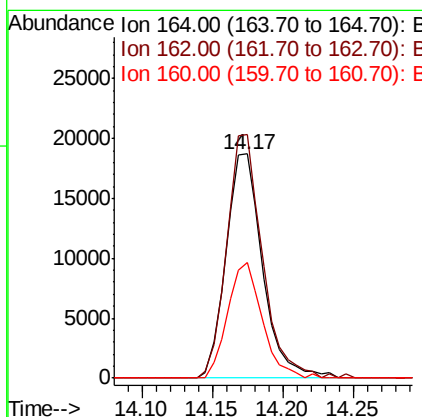
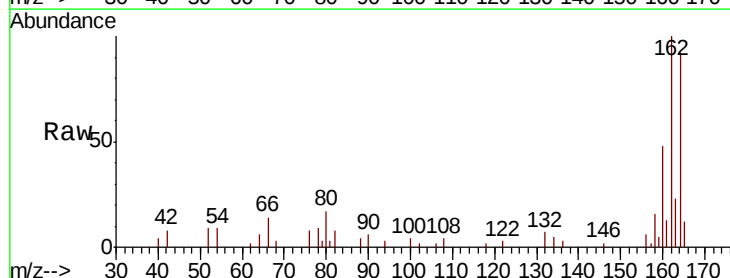
Instrument :
 BNA_M
 ClientSampleId :
 TW-14

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.4	27.9	41.9
54	58.2	45.2	67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: BM022504.D
 Acq: 03 Sep 2019 15:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.8	80.6	121.0
160	51.8	37.3	55.9





#42

2,4,6-Tribromophenol

Concen: 116.606 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BM022504.D

Acq: 03 Sep 2019 15:53

Instrument :

BNA_M

ClientSampleId :

TW-14

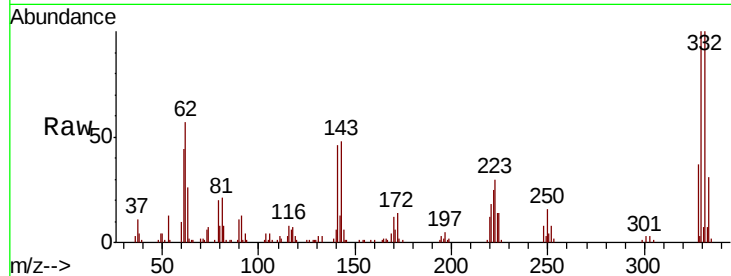
Tot Ion:330 Resp: 80776

Ion Ratio Lower Upper

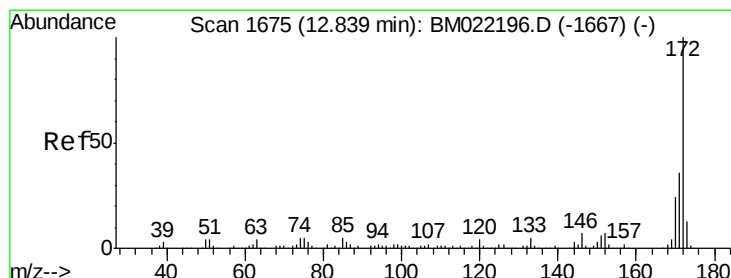
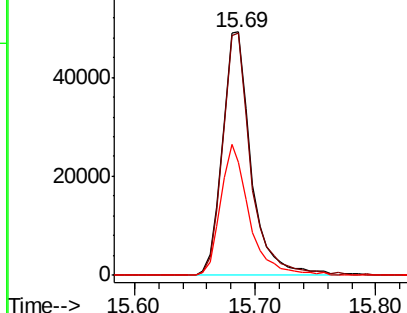
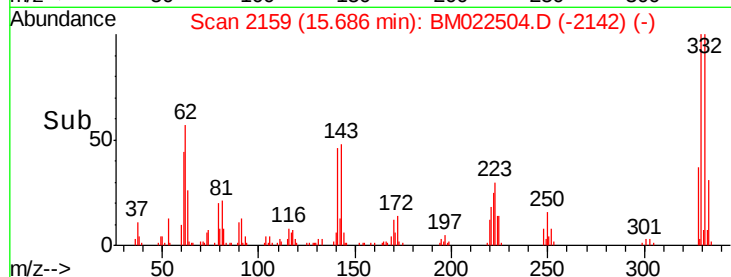
330 100

332 97.7 77.8 116.8

141 53.3 35.6 53.4



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: 88.696 ng

RT: 12.77 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BM022504.D

Acq: 03 Sep 2019 15:53

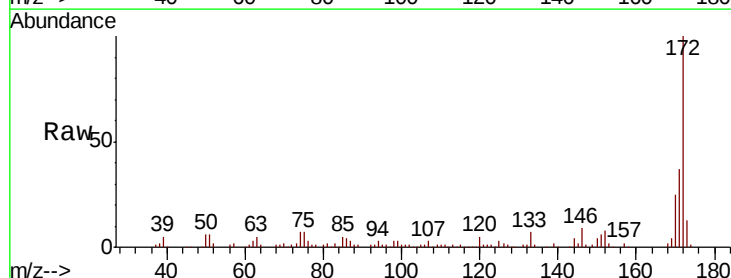
Tgt Ion:172 Resp: 265052

Ion Ratio Lower Upper

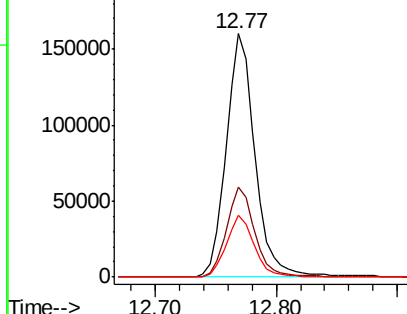
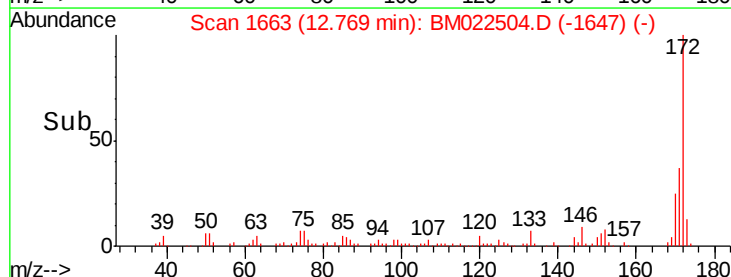
172 100

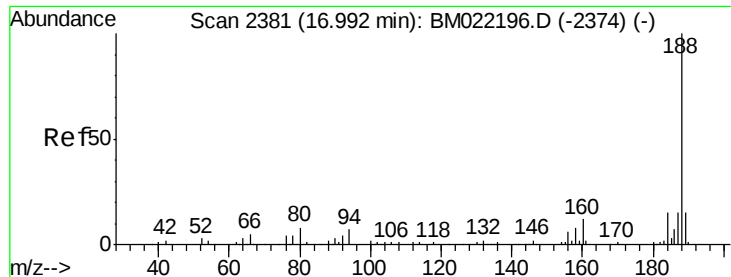
171 37.2 28.5 42.7

170 25.2 18.9 28.3



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

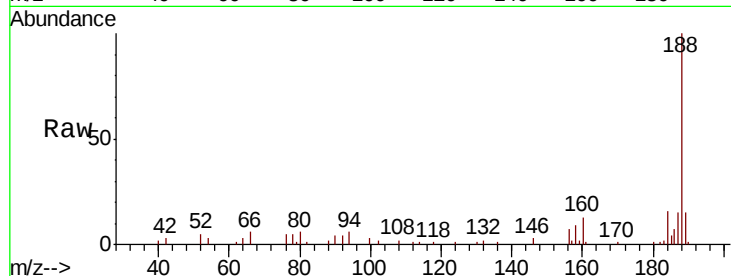




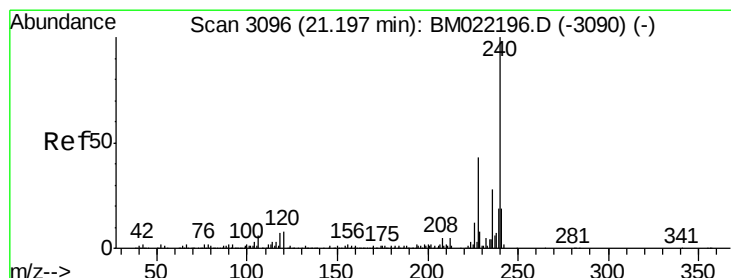
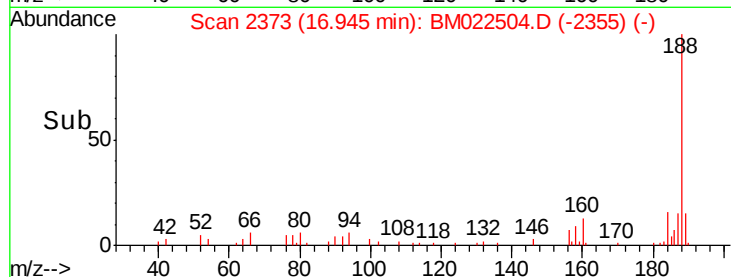
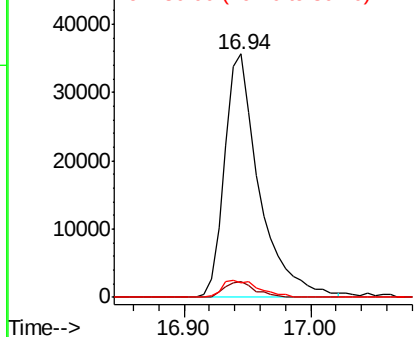
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. 0.01 min
Lab File: BM022504.D
Acq: 03 Sep 2019 15:53

Instrument :
BNA_M
ClientSampleId :
TW-14

Tot Ion:188 Resp: 67687
Ion Ratio Lower Upper
188 100
94 6.3 4.4 6.6
80 5.8 5.0 7.6

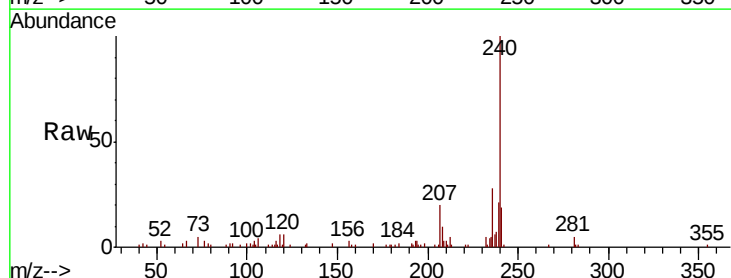


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

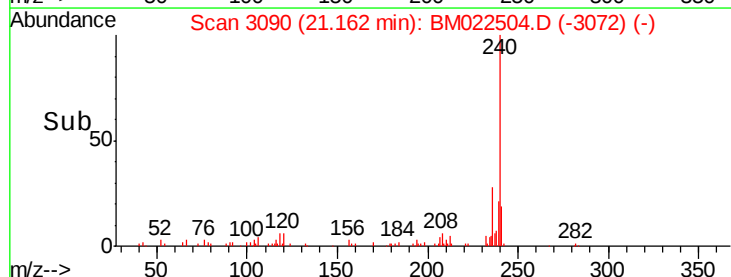
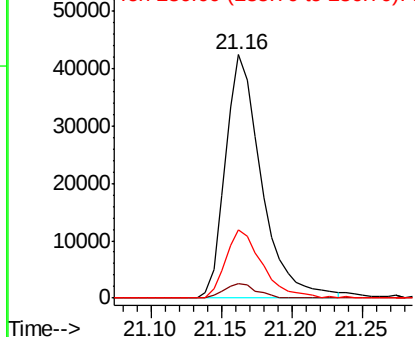


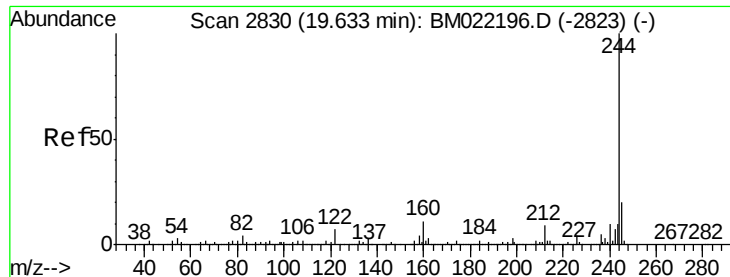
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BM022504.D
Acq: 03 Sep 2019 15:53

Tgt Ion:240 Resp: 76039
Ion Ratio Lower Upper
240 100
120 5.8 3.9 5.9
236 27.8 21.4 32.2



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

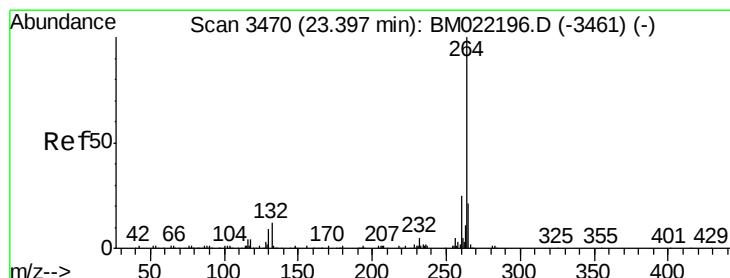
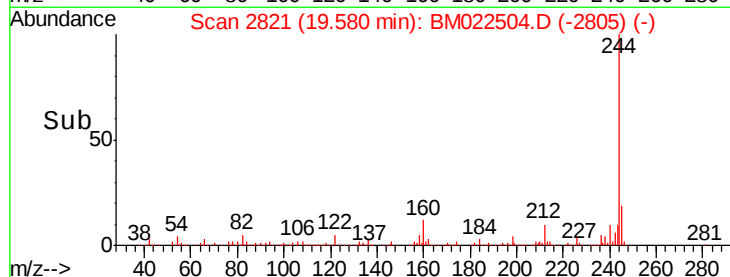
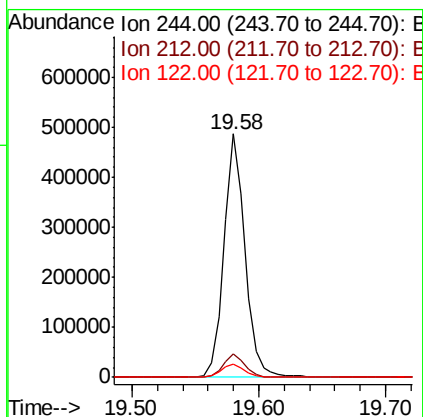
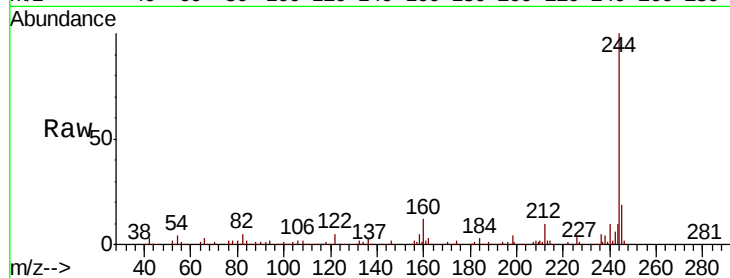




#79
 Terphenyl-d14
 Concen: 97.201 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM022504.D
 Acq: 03 Sep 2019 15:53

Instrument :
 BNA_M
 ClientSampleId :
 TW-14

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.0	10.4
122	5.2	3.9	5.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.35 min Scan# 3462
 Delta R.T. 0.01 min
 Lab File: BM022504.D
 Acq: 03 Sep 2019 15:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.2	30.2
265	23.4	18.2	27.2

