

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022488.D
 Acq On : 01 Sep 2019 21:53
 Operator : HP/JU
 Sample : K4555-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 02 03:49:20 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 03:43:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	9155	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	31942	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	22393	20.00	ng	-0.01
64) Phenanthrene-d10	16.95	188	52161	20.00	ng	0.00
76) Chrysene-d12	21.16	240	79290	20.00	ng	-0.01
87) Perylene-d12	23.34	264	103529	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	30016	57.55	ng	-0.02
7) Phenol-d6	6.71	99	21668	31.07	ng	-0.01
23) Nitrobenzene-d5	8.68	82	63653	87.28	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	46140	100.69	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	140206	70.93	ng	-0.02
79) Terphenyl-d14	19.58	244	429120	71.43	ng	-0.02

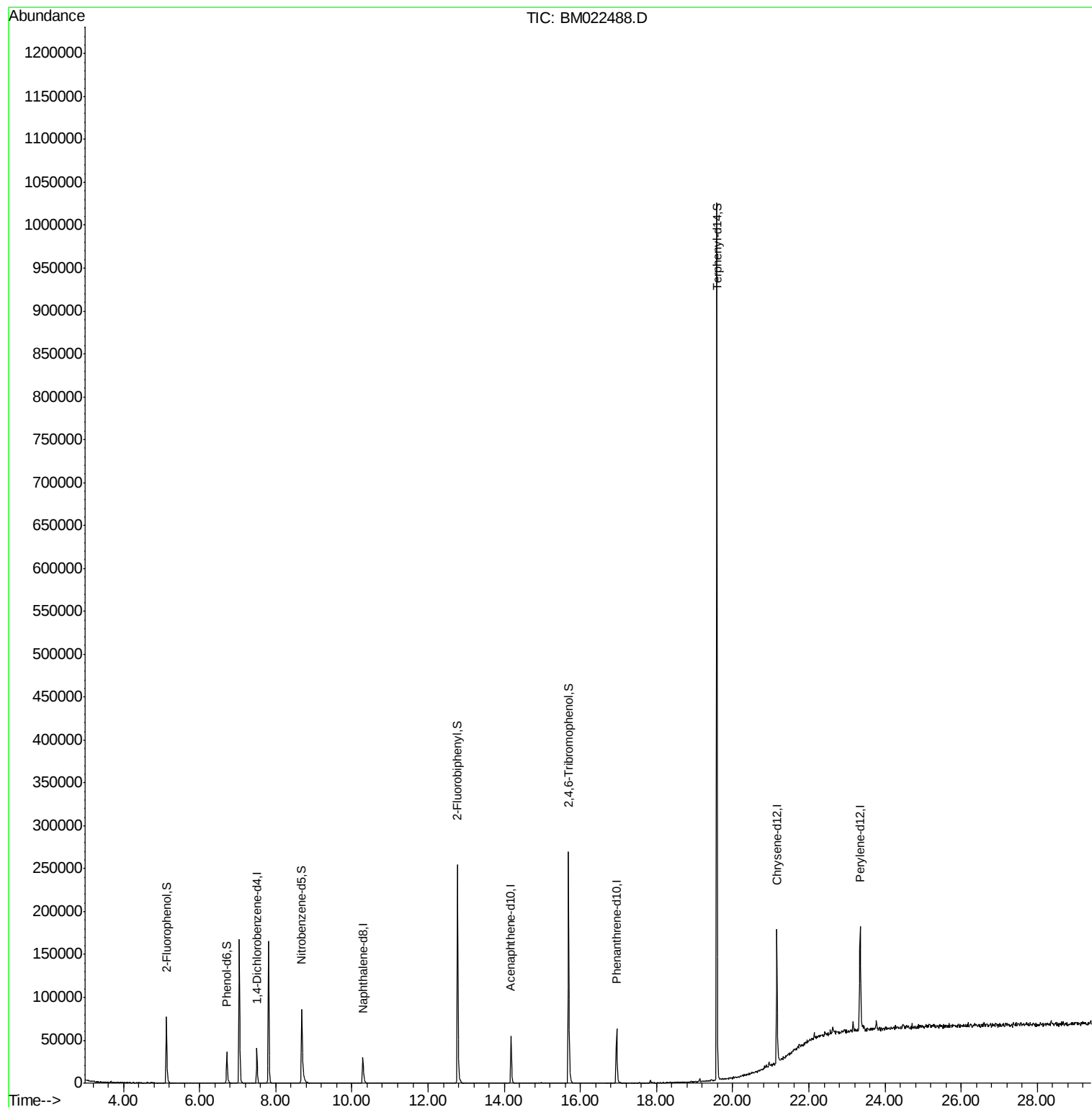
Target Compounds Qvalue

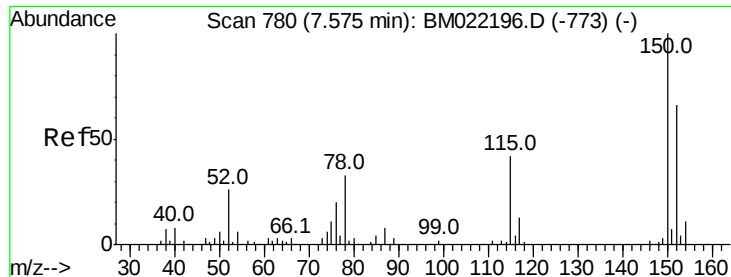
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
Data File : BM022488.D
Acq On : 01 Sep 2019 21:53
Operator : HP/JU
Sample : K4555-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 02 03:49:20 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 03:43:48 2019
Response via : Initial Calibration



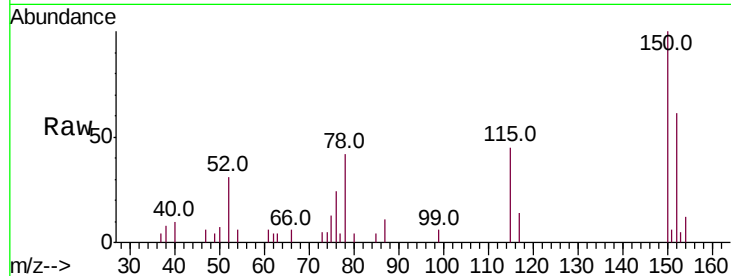


#1

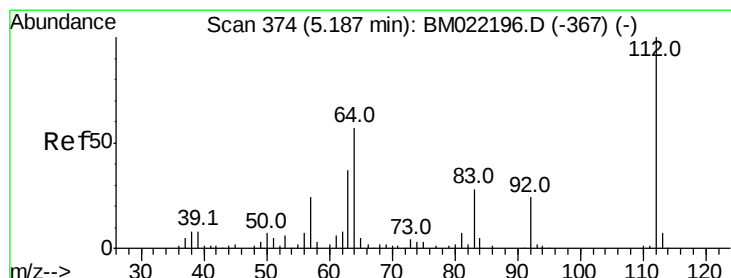
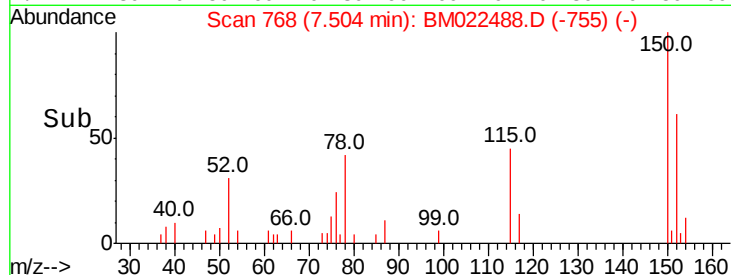
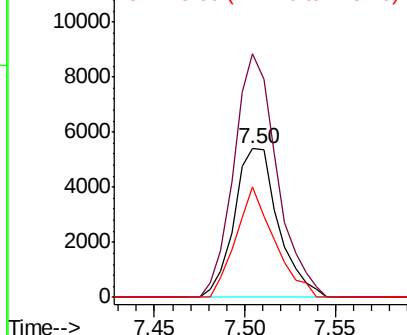
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.02 min
Lab File: BM022488.D
Acq: 01 Sep 2019 21:53

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 9155
Ion Ratio Lower Upper
152 100
150 164.1 125.4 188.0
115 74.5 50.3 75.5



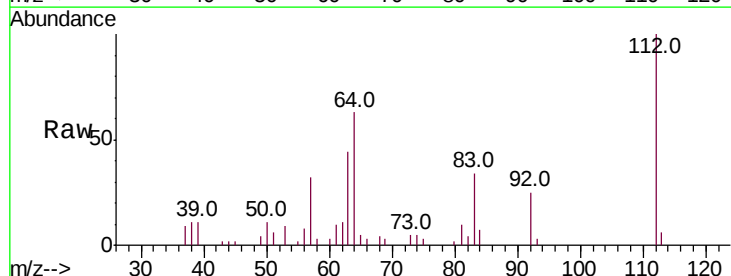
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



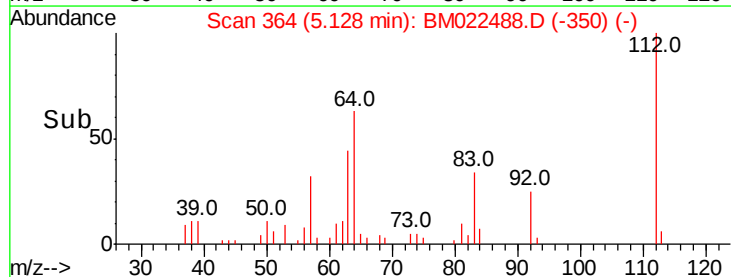
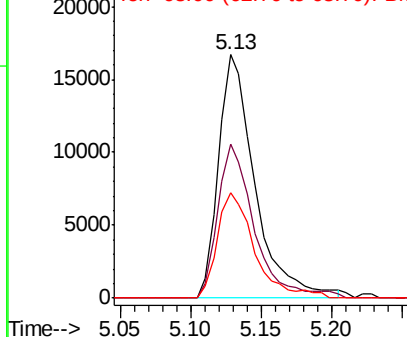
#5

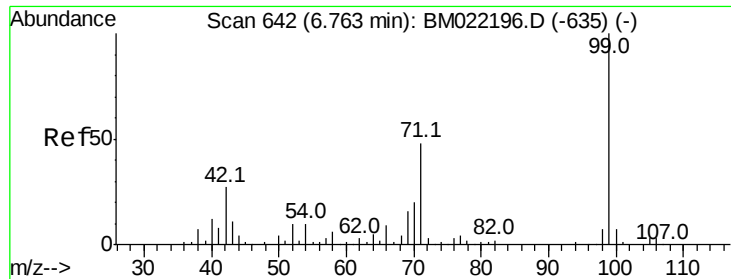
2-Fluorophenol
Concen: 57.551 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.02 min
Lab File: BM022488.D
Acq: 01 Sep 2019 21:53

Tgt Ion:112 Resp: 30016
Ion Ratio Lower Upper
112 100
64 63.3 45.4 68.2
63 43.5 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: 31.067 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.01 min

Lab File: BM022488.D

Acq: 01 Sep 2019 21:53

Instrument :

BNA_M

ClientSampled :

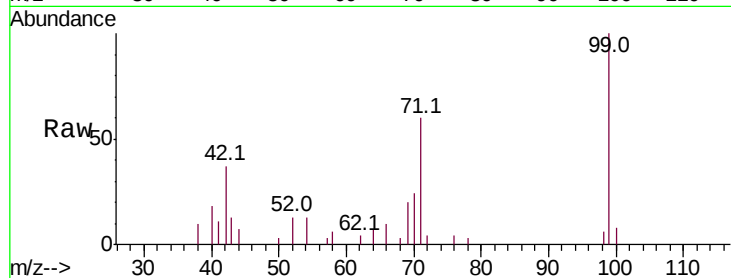
Tot Ion: 99 Resp: 21668

Ion Ratio Lower Upper

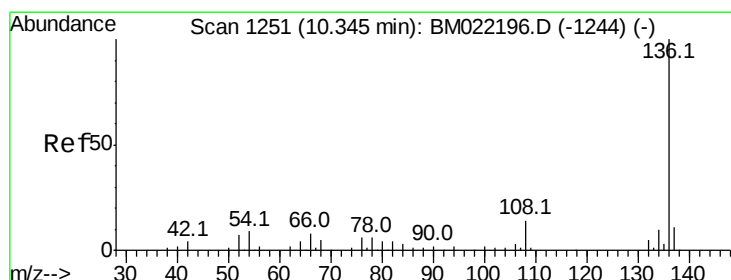
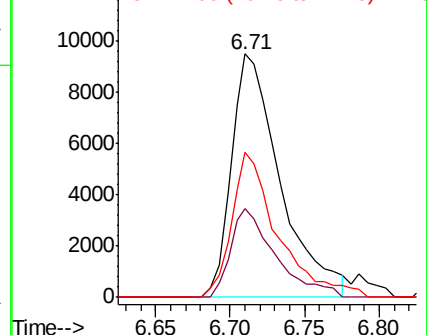
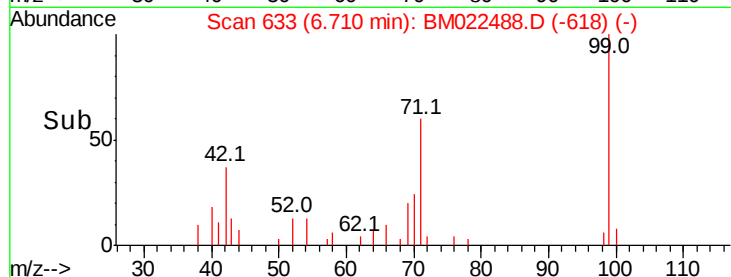
99 100

42 36.5 26.3 39.5

71 59.7 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022488.D (-618) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM022488.D

Acq: 01 Sep 2019 21:53

Tgt Ion: 136 Resp: 31942

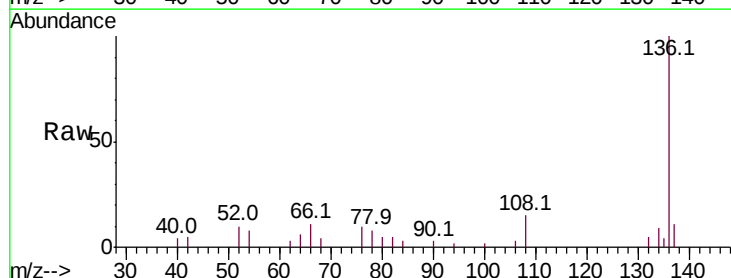
Ion Ratio Lower Upper

136 100

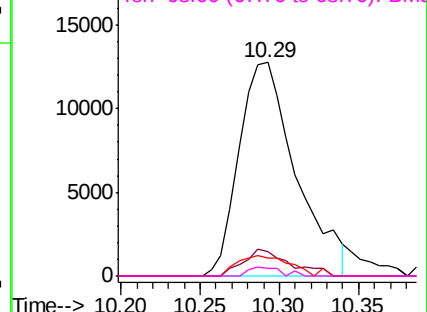
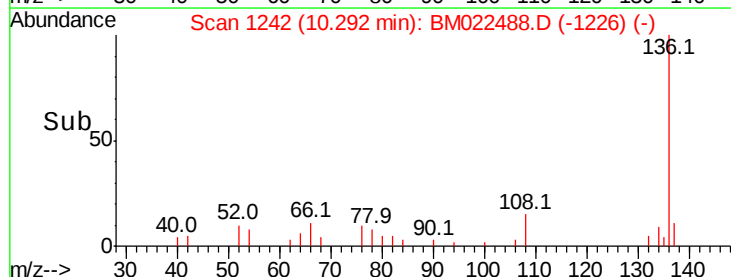
137 11.3 8.6 13.0

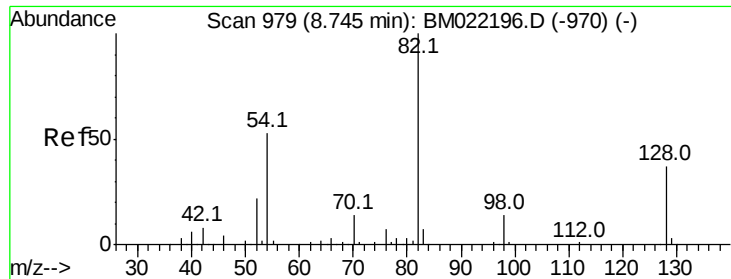
54 8.1 7.0 10.6

68 3.7 2.9 4.3



Abundance Ion 136.00 (135.70 to 136.70): BM022488.D (-1226) (-)

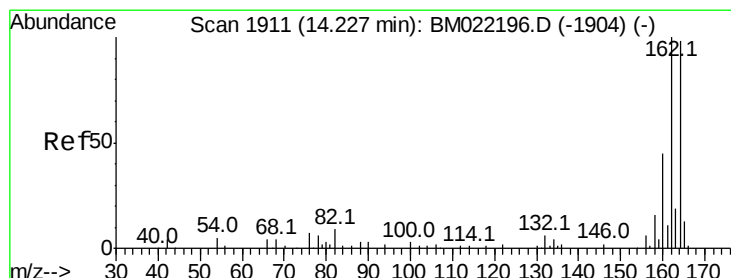
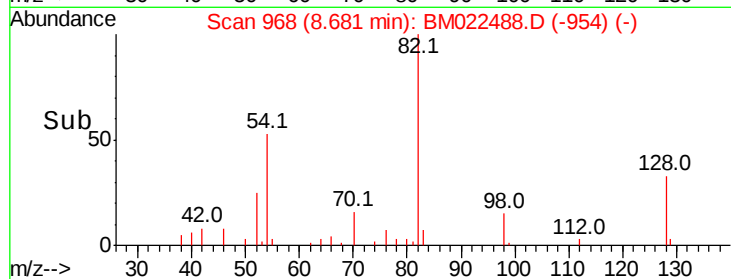
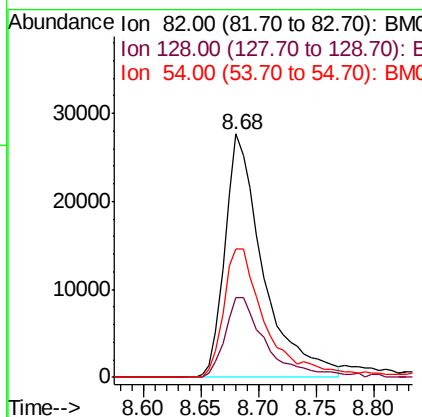
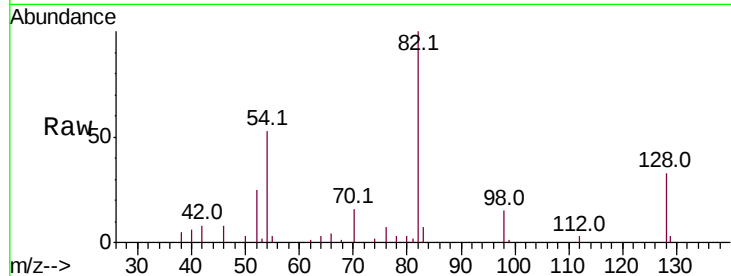




#23
 Nitrobenzene-d5
 Concen: 87.284 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.02 min
 Lab File: BM022488.D
 Acq: 01 Sep 2019 21:53

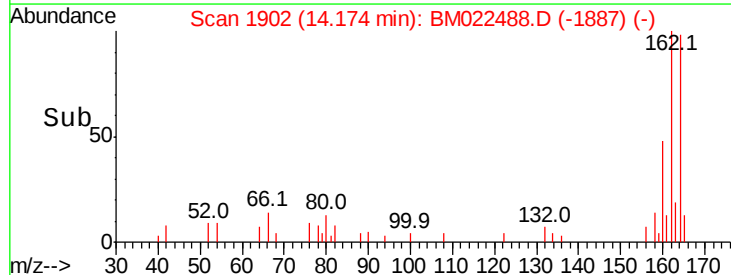
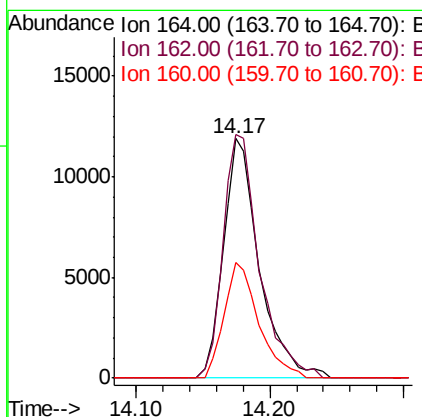
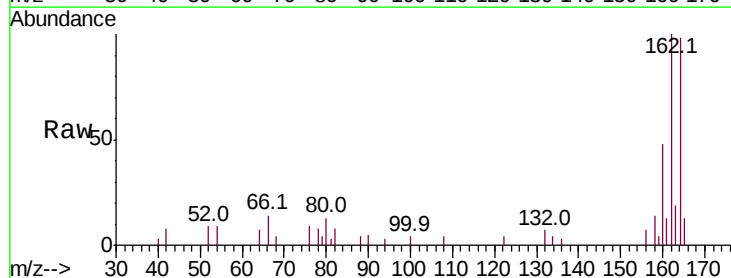
Instrument :
 BNA_M
 ClientSampled :

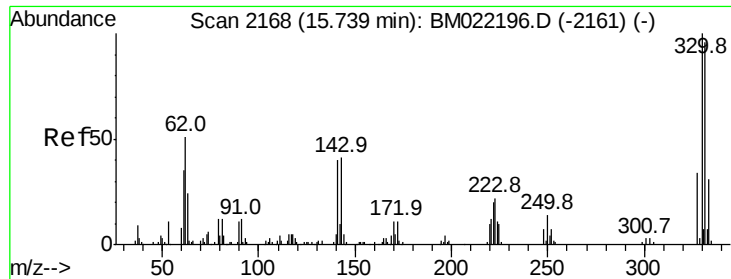
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.5	27.9	41.9
54	52.9	45.2	67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BM022488.D
 Acq: 01 Sep 2019 21:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	121.0
160	48.4	37.3	55.9

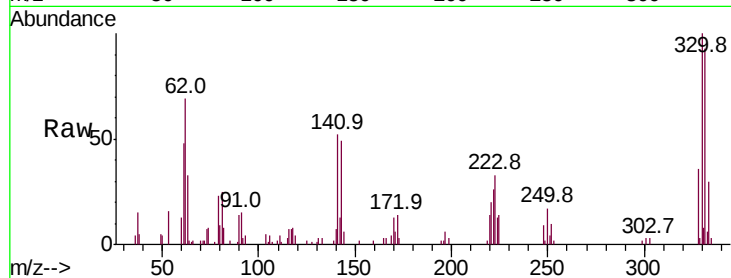




#42
 2,4,6-Tribromophenol
 Concen: 100.693 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM022488.D
 Acq: 01 Sep 2019 21:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.8	116.8
141	54.4	35.6	53.4

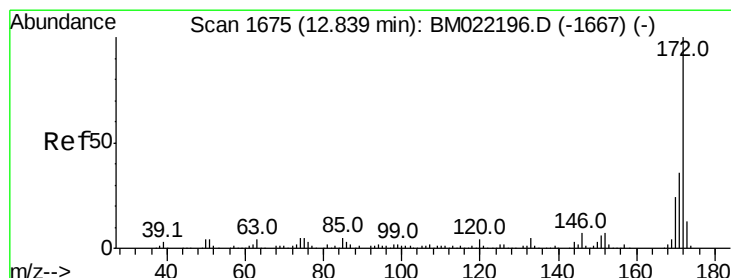
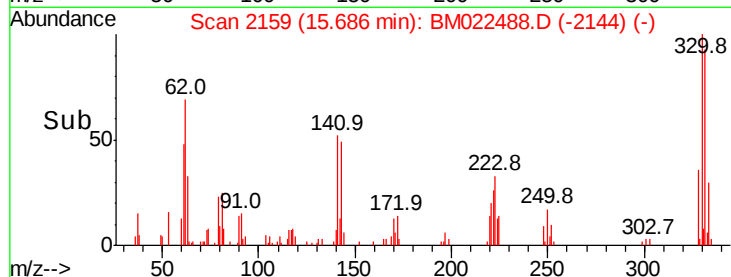
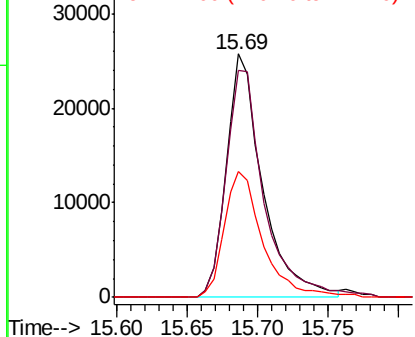


Abundance

Ion 329.80 (329.50 to 330.50): E

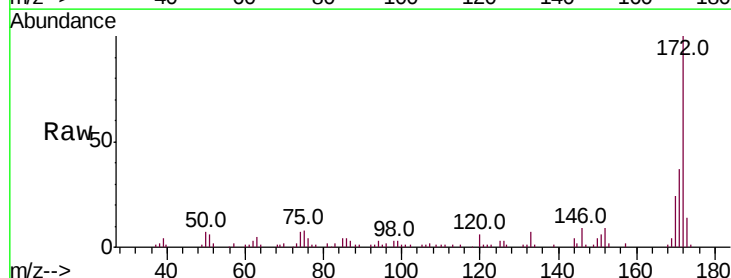
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 70.929 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.02 min
 Lab File: BM022488.D
 Acq: 01 Sep 2019 21:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.5	42.7
170	24.1	18.9	28.3

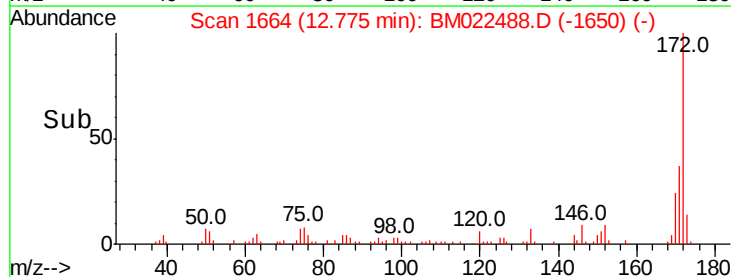
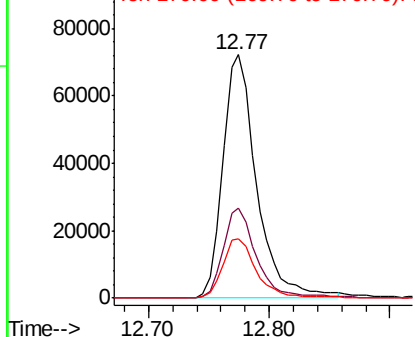


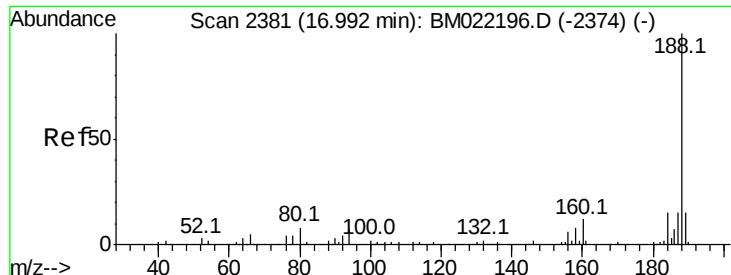
Abundance

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

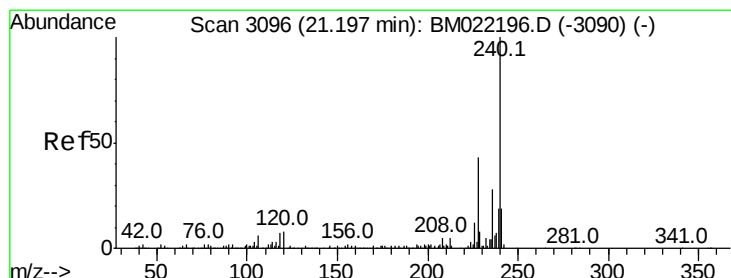
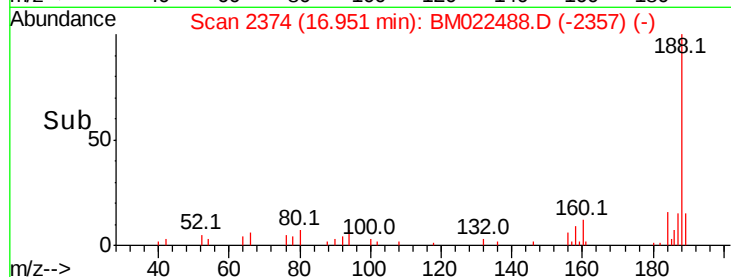
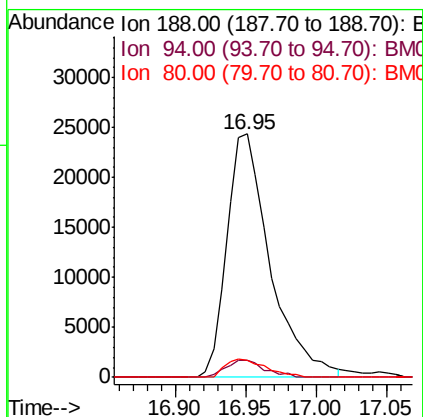
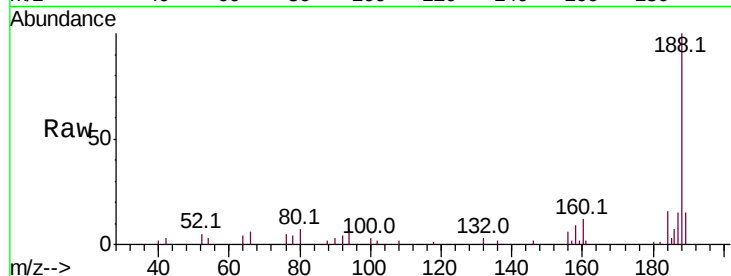




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022488.D
Acq: 01 Sep 2019 21:53

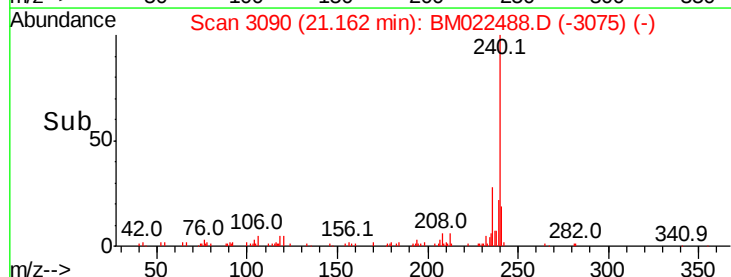
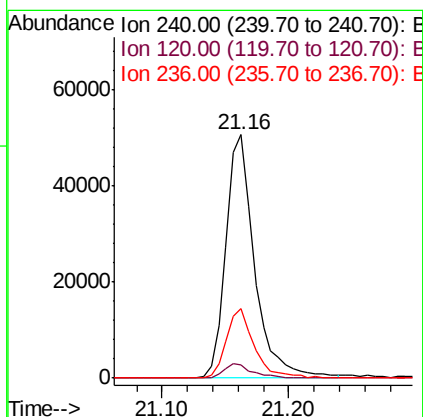
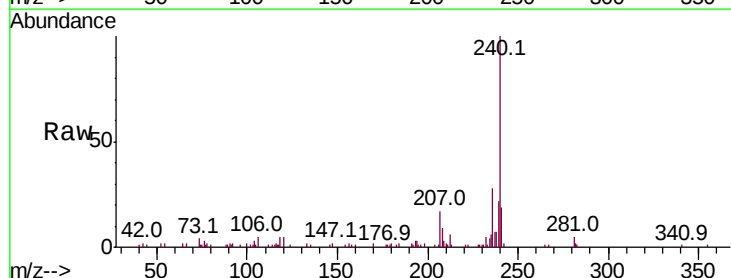
Instrument :
BNA_M
ClientSampleId :

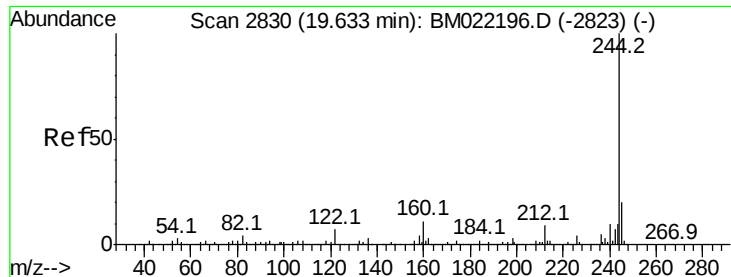
Tot Ion:188 Resp: 52161
Ion Ratio Lower Upper
188 100
94 7.1 4.4 6.6#
80 7.1 5.0 7.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM022488.D
Acq: 01 Sep 2019 21:53

Tgt Ion:240 Resp: 79290
Ion Ratio Lower Upper
240 100
120 5.3 3.9 5.9
236 28.5 21.4 32.2





#79

Terphenyl-d14

Concen: 71.425 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BM022488.D

Acq: 01 Sep 2019 21:53

Instrument :

BNA_M

ClientSampleId :

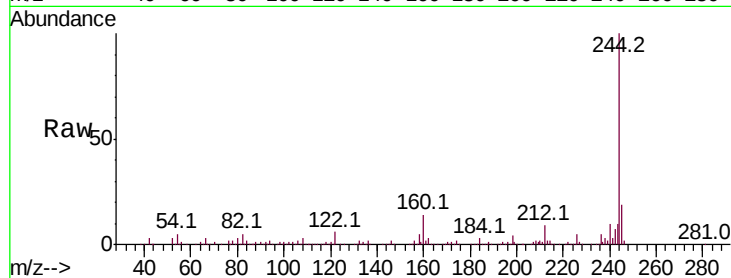
Tot Ion:244 Resp: 429120

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.4

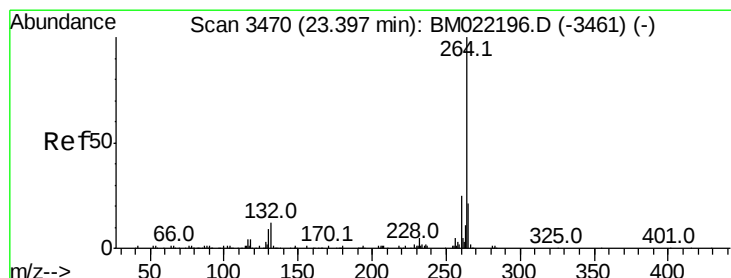
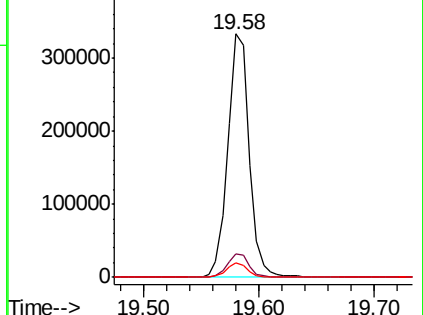
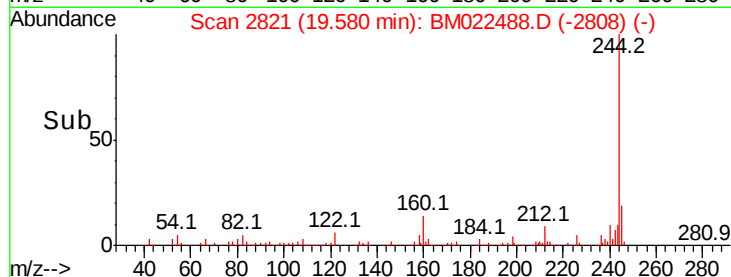
122 5.8 3.9 5.9



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: 23.34 min Scan# 3461

Delta R.T. -0.02 min

Lab File: BM022488.D

Acq: 01 Sep 2019 21:53

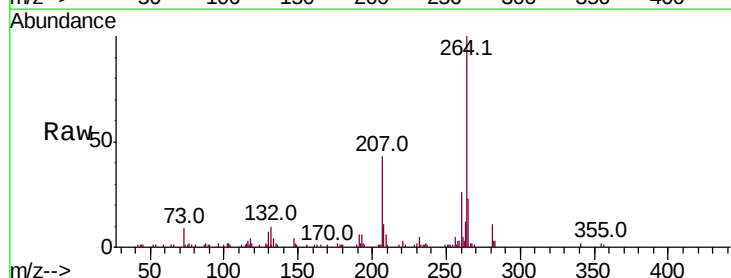
Tgt Ion:264 Resp: 103529

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.2

265 23.0 18.2 27.2



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

