

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022453.D
 Acq On : 30 Aug 2019 22:33
 Operator : HP/JU
 Sample : K4439-07 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-5-(1-3)

Quant Time: Aug 31 01:16:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 16:51:32 2019
 Response via : Initial Calibration

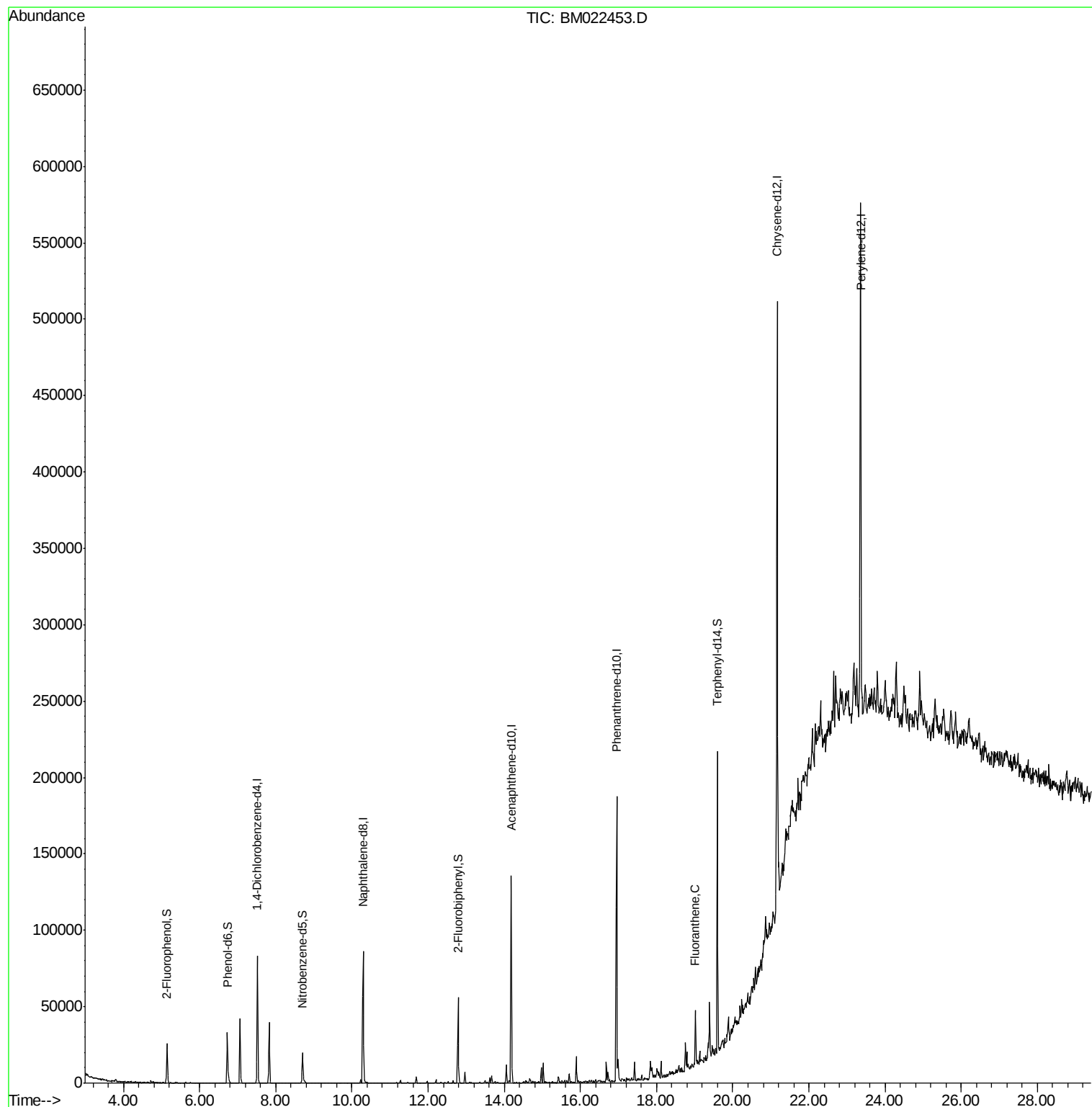
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	19111	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	67229	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	43038	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	102228	20.00	ng	0.00
76) Chrysene-d12	21.16	240	162122	20.00	ng	-0.01
87) Perylene-d12	23.36	264	219165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	10676	9.81	ng	0.00
7) Phenol-d6	6.73	99	19492	13.39	ng	0.00
23) Nitrobenzene-d5	8.70	82	13852	9.02	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	1592	1.81	ng	0.01
45) 2-Fluorobiphenyl	12.79	172	30043	7.91	ng	0.00
79) Terphenyl-d14	19.59	244	74639	6.08	ng	-0.01
Target Compounds						
75) Fluoranthene	19.02	202	18920	2.384	ng	Qvalue 96

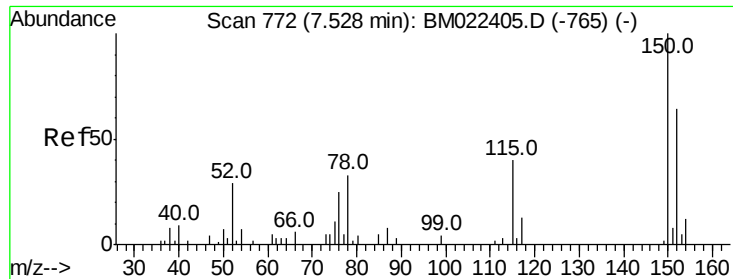
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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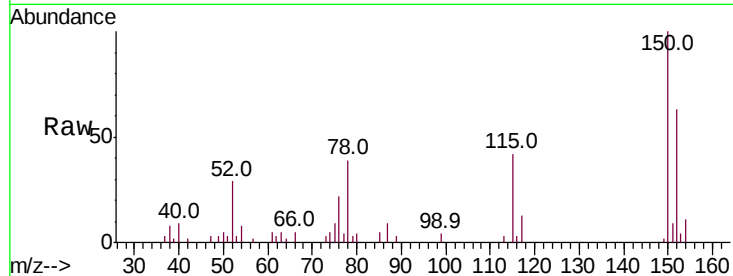


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.52 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BM022453.D
 Acq: 30 Aug 2019 22:33

Instrument :
 BNA_M
 ClientSampleId :
 S-5-(1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	125.4	188.0
115	67.2	50.3	75.5

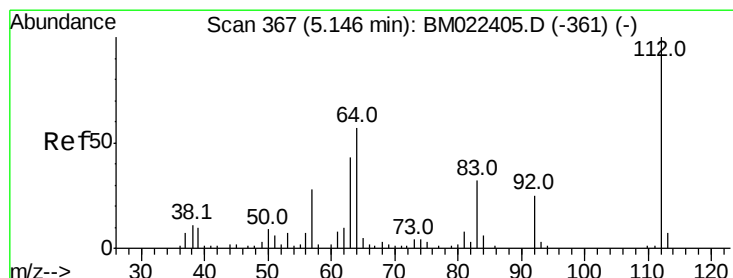
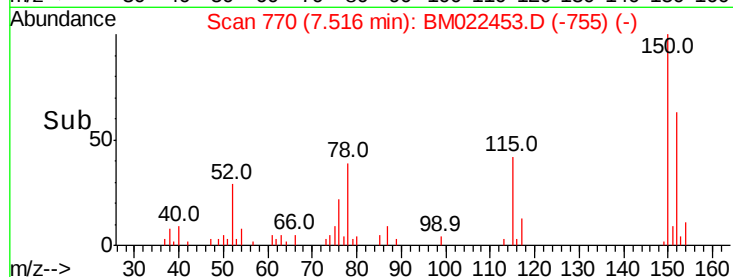
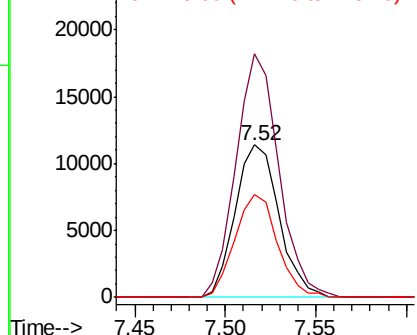


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

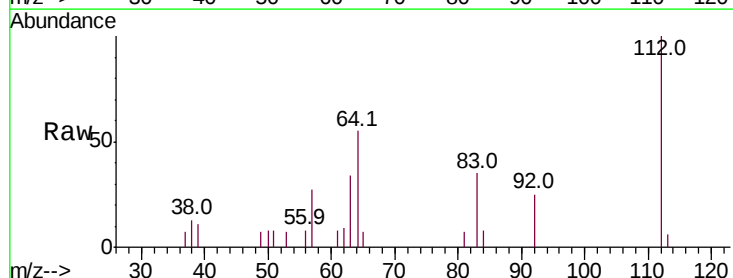
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 9.806 ng
 RT: 5.15 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: BM022453.D
 Acq: 30 Aug 2019 22:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	45.4	68.2
63	34.2	34.5	51.7#

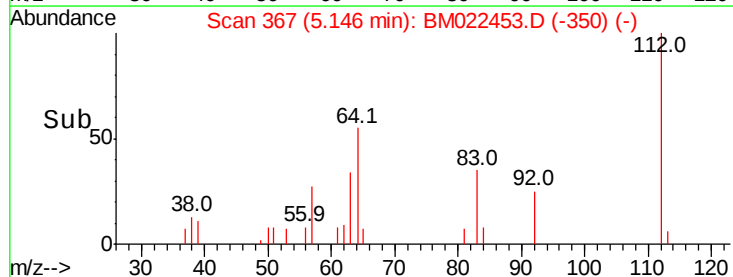
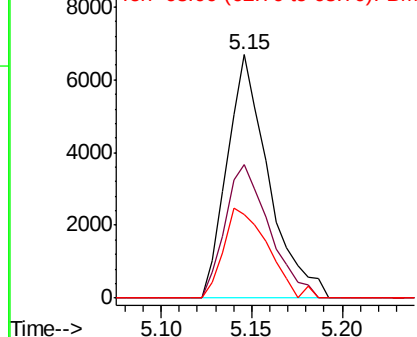


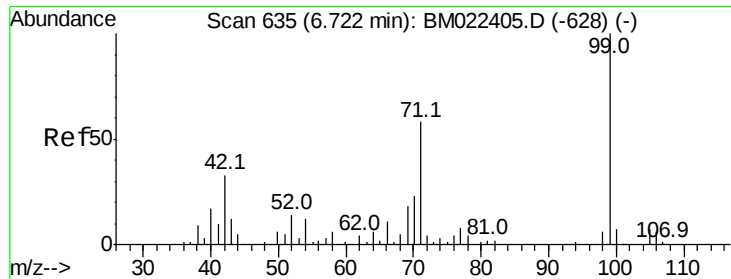
Abundance

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: 13.388 ng

RT: 6.73 min Scan# 636

Delta R.T. 0.01 min

Lab File: BM022453.D

Acq: 30 Aug 2019 22:33

Instrument :

BNA_M

ClientSampleId :

S-5-(1-3)

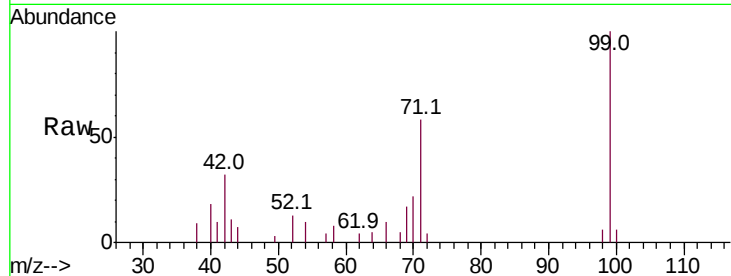
Tot Ion: 99 Resp: 19492

Ion Ratio Lower Upper

99 100

42 32.1 26.3 39.5

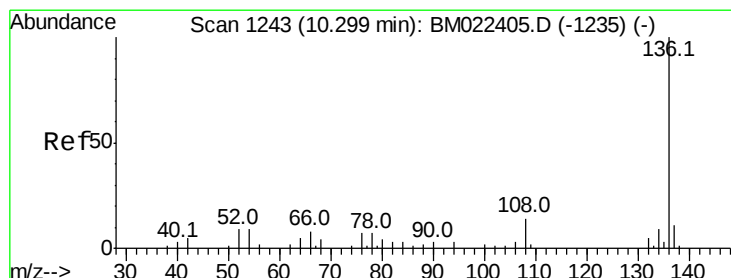
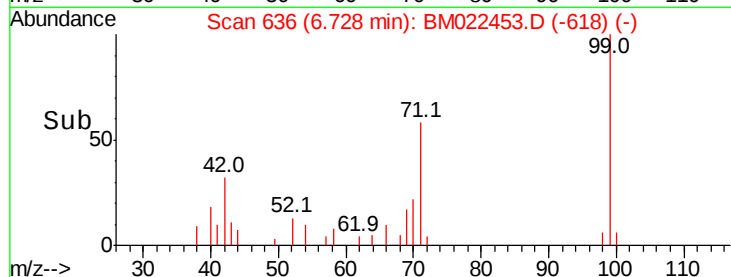
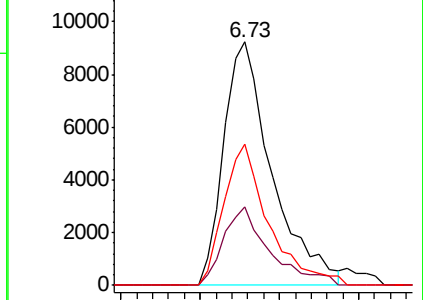
71 58.0 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022405.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM022405.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM022405.D (-628) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM022453.D

Acq: 30 Aug 2019 22:33

Tgt Ion: 136 Resp: 67229

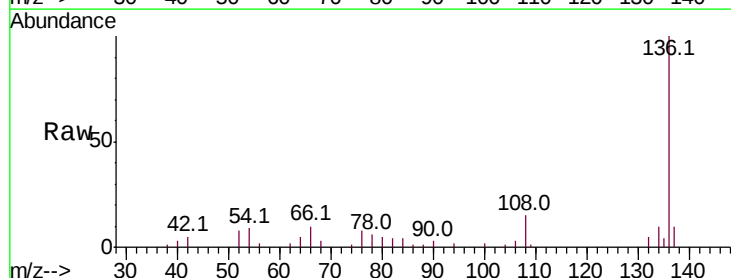
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 8.7 7.0 10.6

68 3.0 2.9 4.3

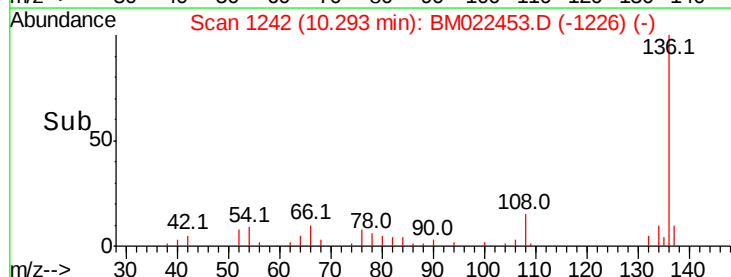
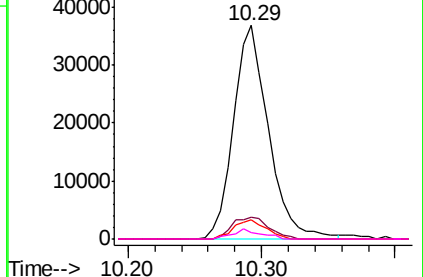


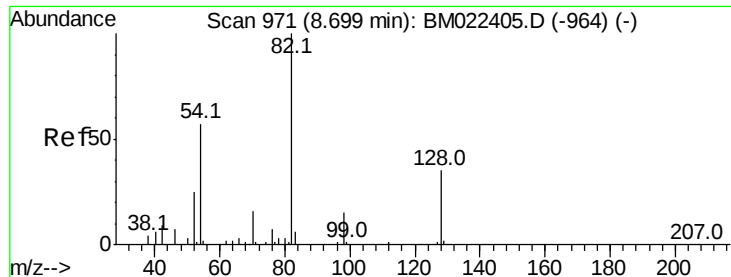
Abundance Ion 136.00 (135.70 to 136.70): BM022405.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM022405.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM022405.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM022405.D (-1235) (-)

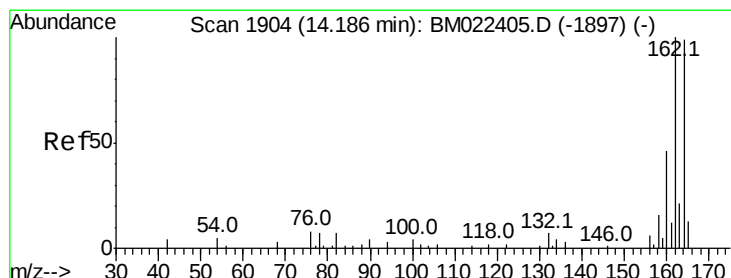
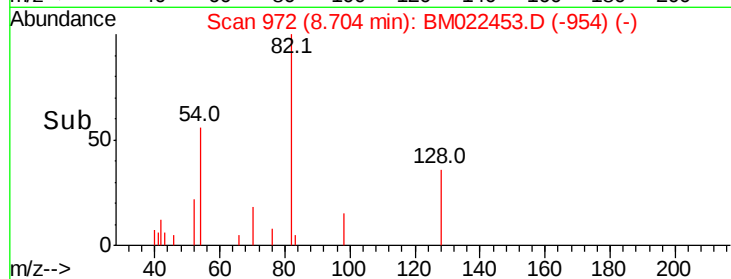
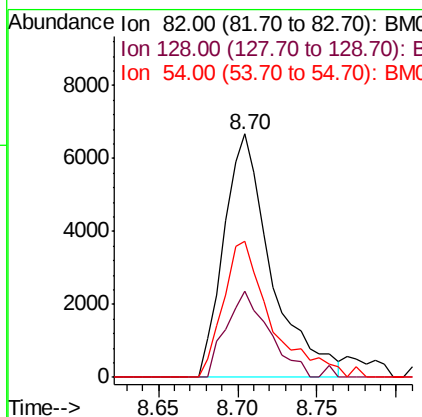
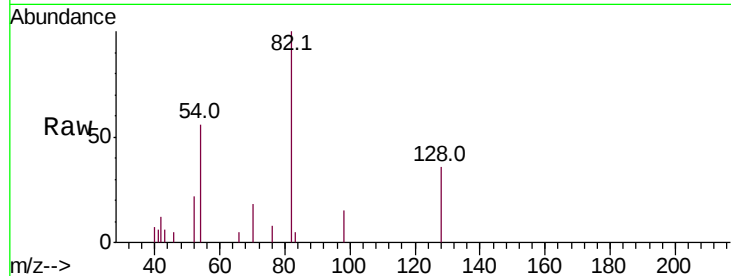




#23
 Nitrobenzene-d5
 Concen: 9.025 ng
 RT: 8.70 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: BM022453.D
 Acq: 30 Aug 2019 22:33

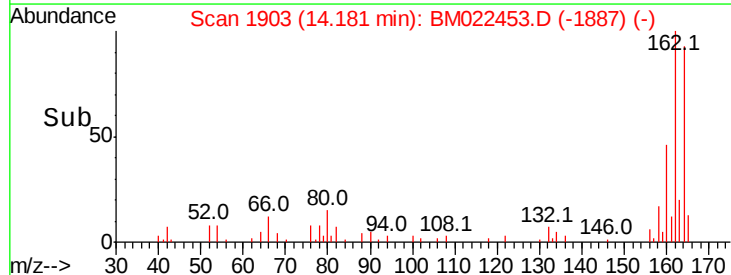
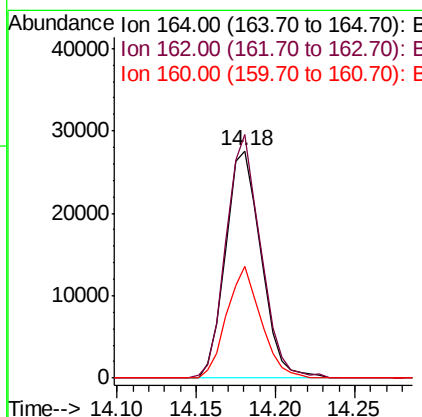
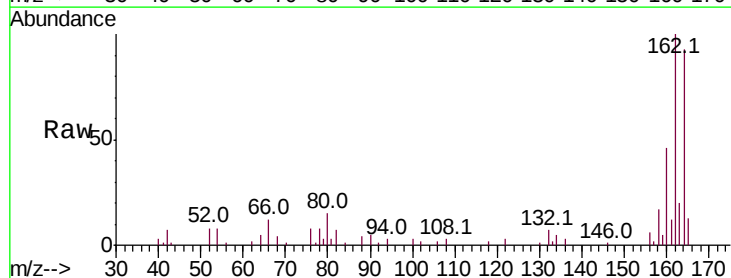
Instrument :
 BNA_M
 ClientSampleId :
 S-5-(1-3)

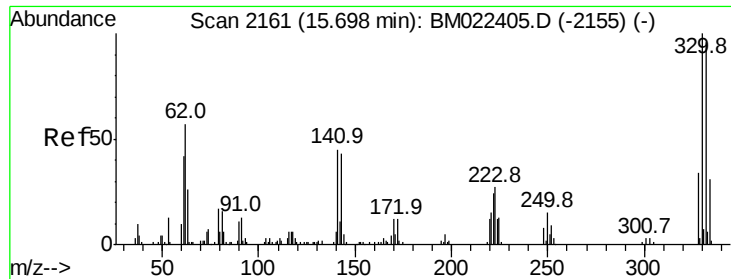
Tot Ion	82	Resp	13852
Ion Ratio	Lower	Upper	
82	100		
128	35.5	27.9	41.9
54	55.9	45.2	67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM022453.D
 Acq: 30 Aug 2019 22:33

Tgt Ion	164	Resp	43038
Ion Ratio	Lower	Upper	
164	100		
162	107.0	80.6	121.0
160	48.9	37.3	55.9

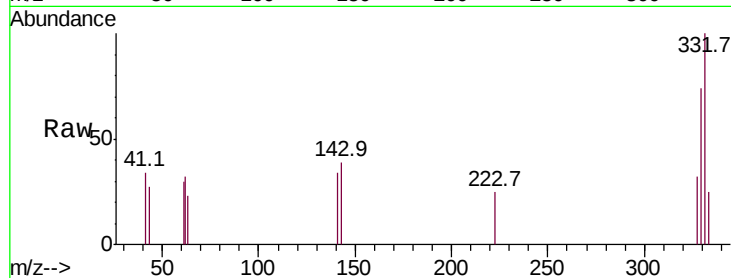




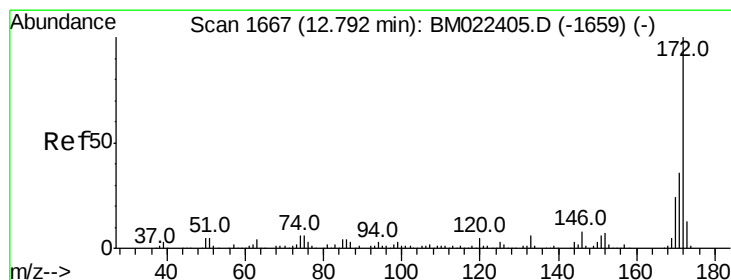
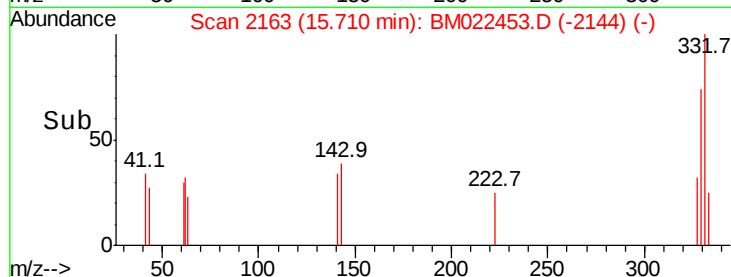
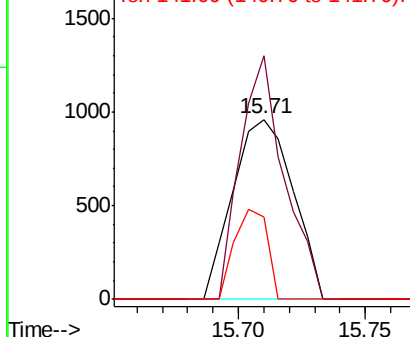
#42
 2,4,6-Tribromophenol
 Concen: 1.808 ng
 RT: 15.71 min Scan# 2163
 Delta R.T. 0.01 min
 Lab File: BM022453.D
 Acq: 30 Aug 2019 22:33

Instrument :
 BNA_M
 ClientSampleId :
 S-5-(1-3)

Tot Ion:330 Resp: 1592
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.8 116.8
 141 26.9 35.6 53.4#

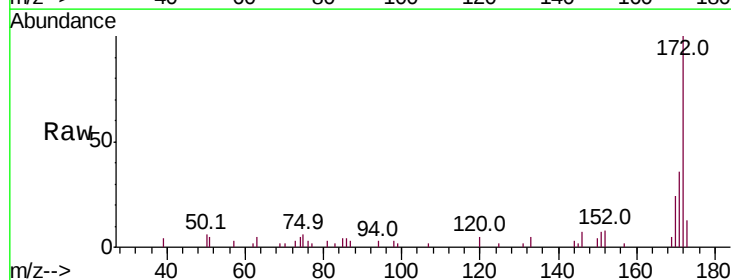


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

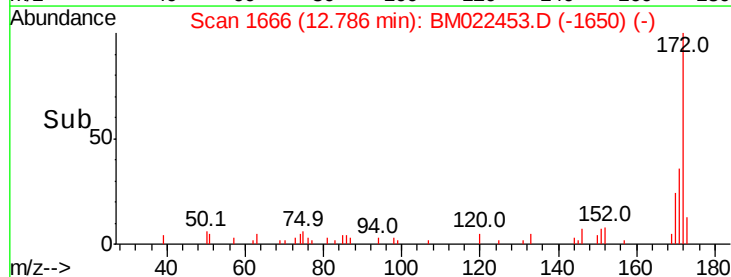
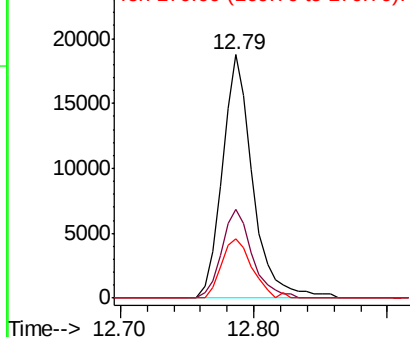


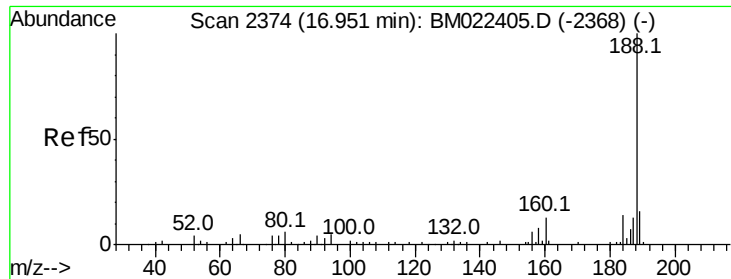
#45
 2-Fluorobiphenyl
 Concen: 7.908 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BM022453.D
 Acq: 30 Aug 2019 22:33

Tgt Ion:172 Resp: 30043
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.5 42.7
 170 24.3 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

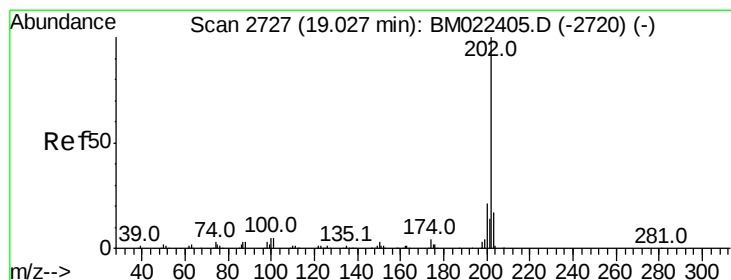
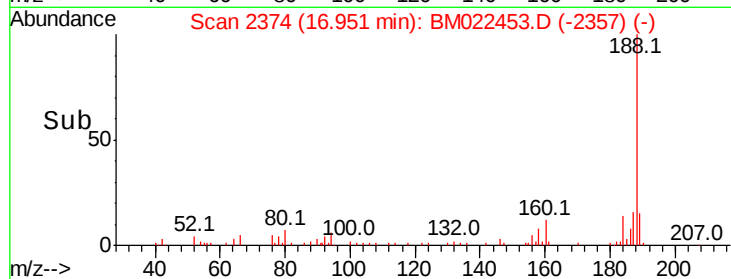
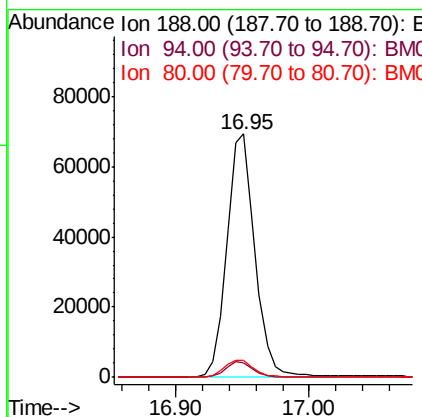
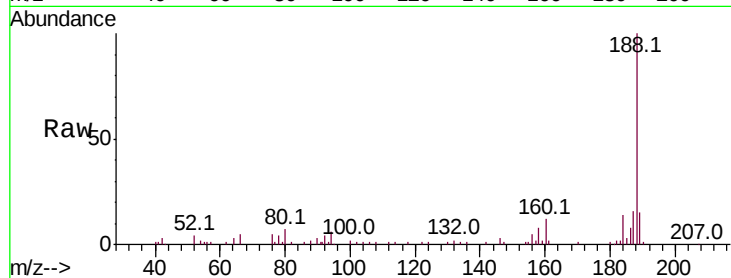




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022453.D
Acq: 30 Aug 2019 22:33

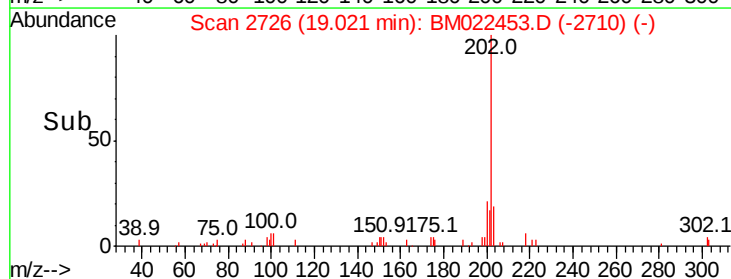
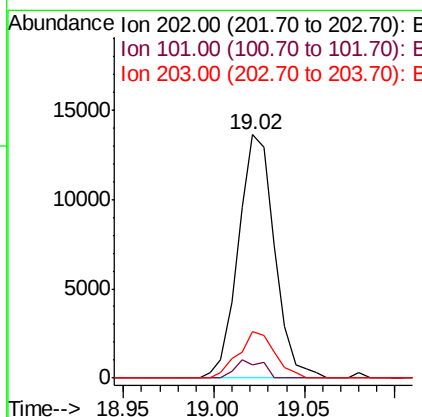
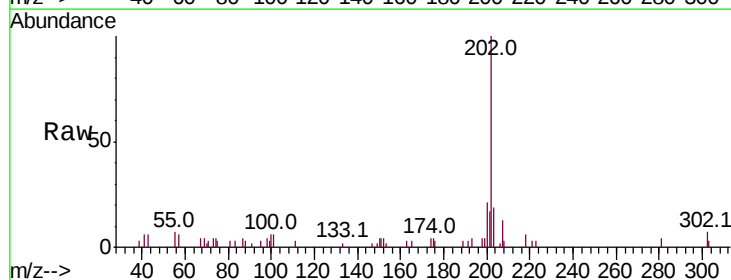
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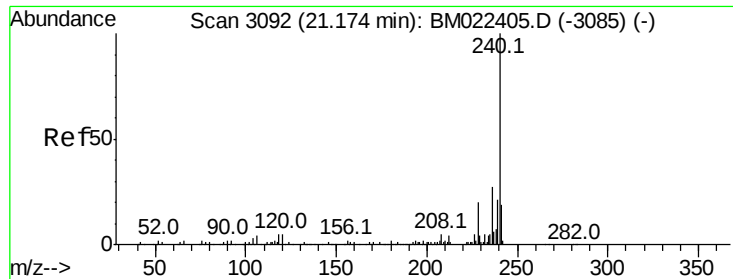
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.4	6.6
80	7.0	5.0	7.6



#75
Fluoranthene
Concen: 2.384 ng
RT: 19.02 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BM022453.D
Acq: 30 Aug 2019 22:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.7	0.0	25.1
203	19.3	0.0	37.1

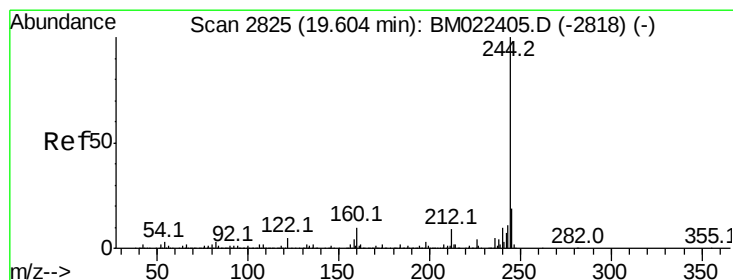
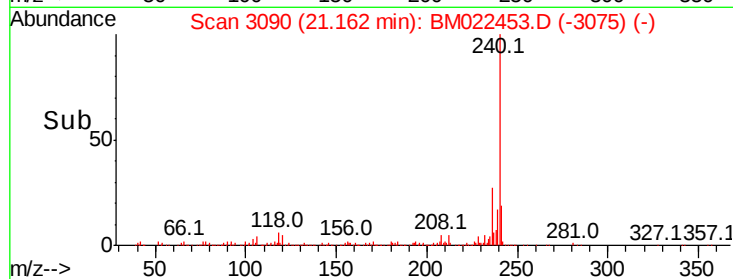
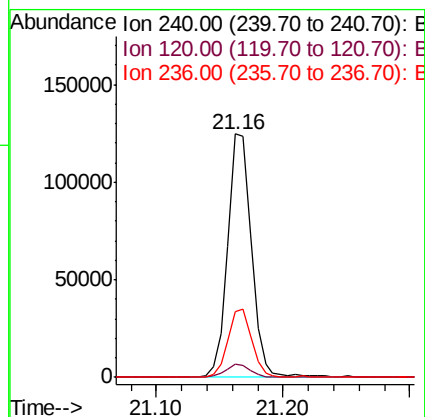
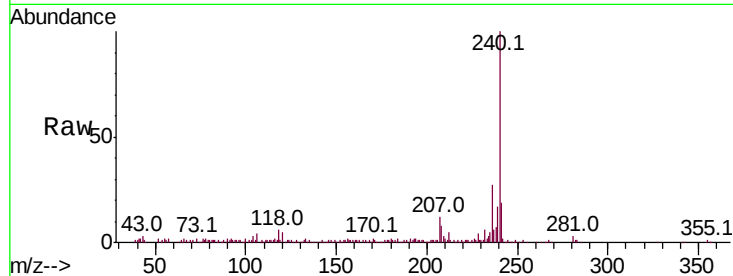




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.16 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM022453.D
 Acq: 30 Aug 2019 22:33

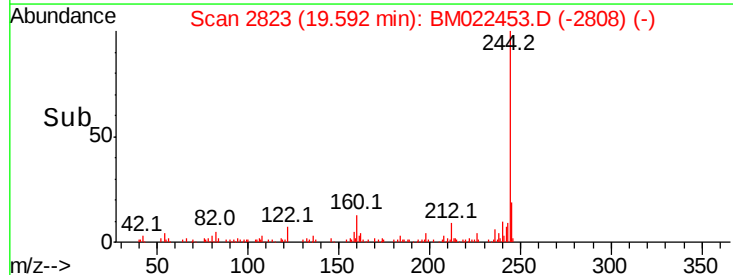
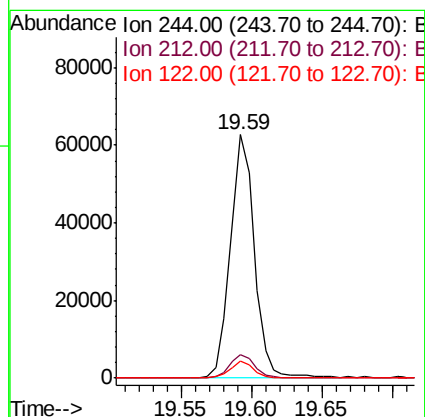
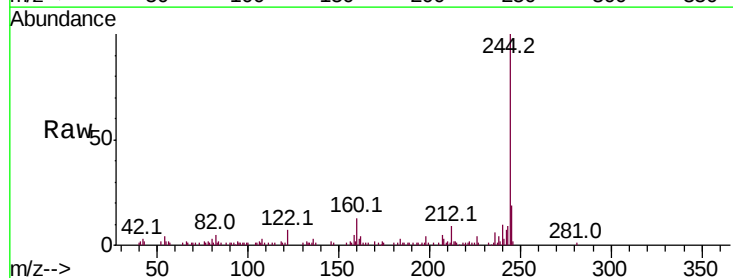
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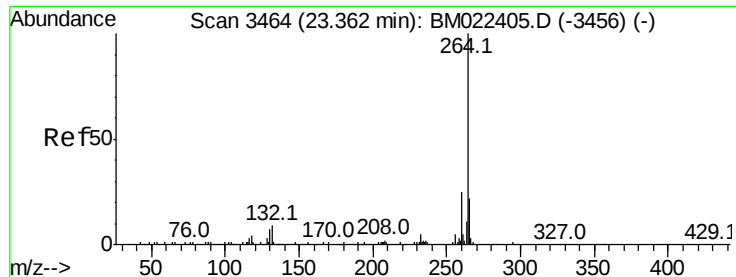
Tot Ion:240 Resp: 162122
 Ion Ratio Lower Upper
 240 100
 120 5.3 3.9 5.9
 236 27.1 21.4 32.2



#79
 Terphenyl-d14
 Concen: 6.076 ng
 RT: 19.59 min Scan# 2823
 Delta R.T. -0.01 min
 Lab File: BM022453.D
 Acq: 30 Aug 2019 22:33

Tgt Ion:244 Resp: 74639
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.0 10.4
 122 7.0 3.9 5.9#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.36 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BM022453.D

Acq: 30 Aug 2019 22:33

Instrument :

BNA_M

ClientSampleId :

S-5-(1-3)

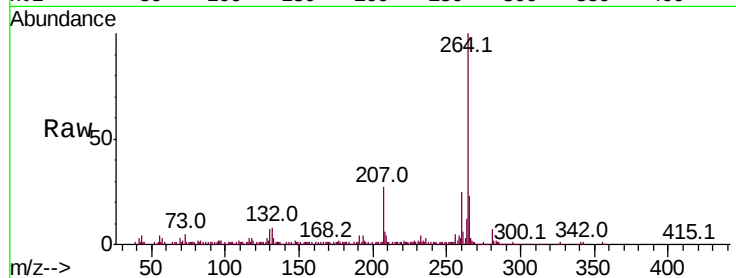
Tot Ion:264 Resp: 219165

Ion Ratio Lower Upper

264 100

260 24.5 20.2 30.2

265 22.6 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

