

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022482.D
 Acq On : 01 Sep 2019 18:12
 Operator : HP/JU
 Sample : K4555-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-13

Quant Time: Sep 02 04:28:00 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	9144	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	32698	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	21777	20.00	ng	0.01
64) Phenanthrene-d10	16.95	188	51463	20.00	ng	0.01
76) Chrysene-d12	21.16	240	83025	20.00	ng	0.00
87) Perylene-d12	23.34	264	107977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	36230	69.55	ng	0.00
7) Phenol-d6	6.71	99	26343	37.82	ng	0.00
23) Nitrobenzene-d5	8.69	82	73871	98.95	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	58216	130.64	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	166765	86.75	ng	0.00
79) Terphenyl-d14	19.58	244	508989	80.91	ng	0.00

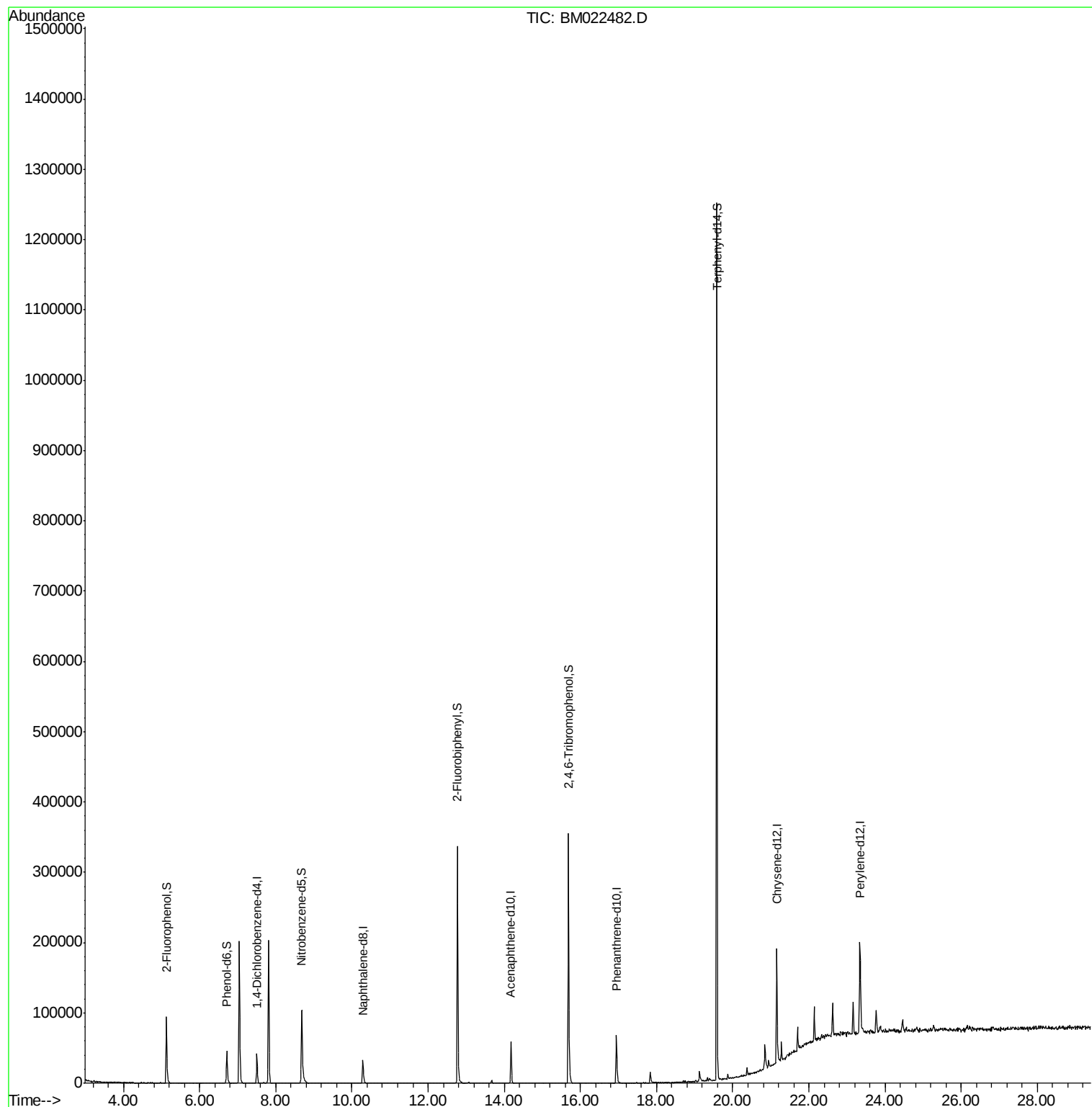
Target Compounds	Qvalue
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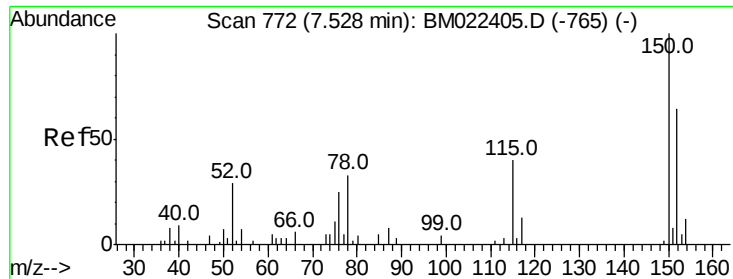
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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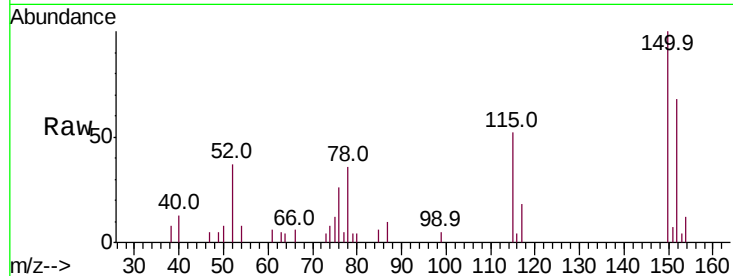


#1

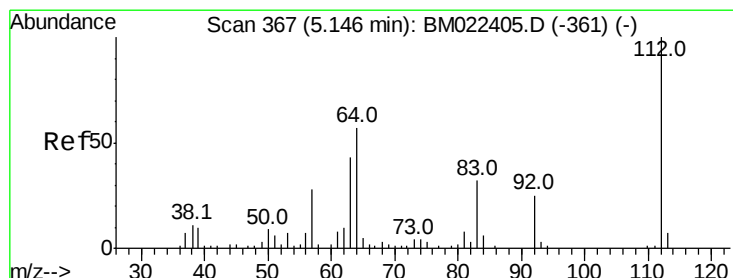
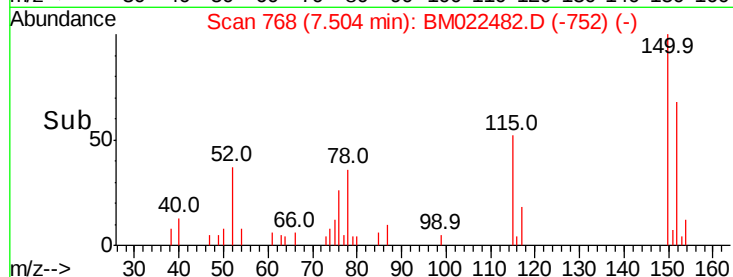
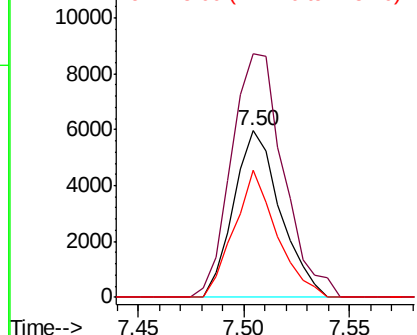
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.50 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BM022482.D
 Acq: 01 Sep 2019 18:12

Instrument :
 BNA_M
 ClientSampleId :
 TW-13

Tot Ion:152 Resp: 9144
 Ion Ratio Lower Upper
 152 100
 150 146.3 125.4 188.0
 115 76.7 50.3 75.5#



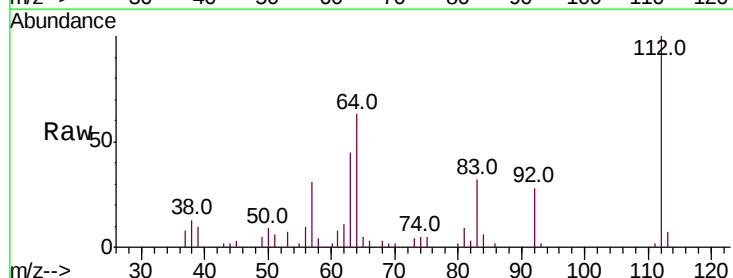
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



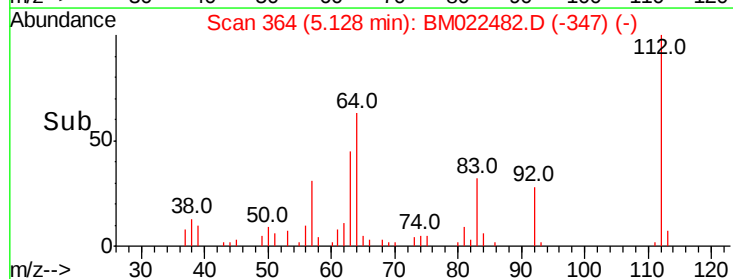
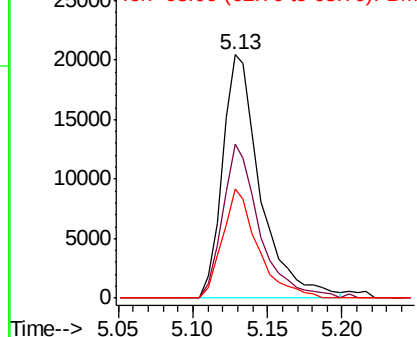
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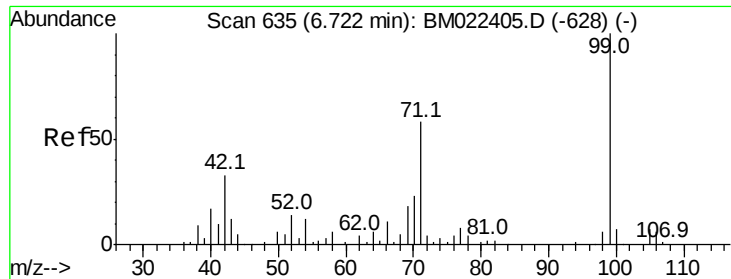
2-Fluorophenol
 Concen: 69.549 ng
 RT: 5.13 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: BM022482.D
 Acq: 01 Sep 2019 18:12

Tgt Ion:112 Resp: 36230
 Ion Ratio Lower Upper
 112 100
 64 63.5 45.4 68.2
 63 44.9 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: 37.816 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM022482.D

Acq: 01 Sep 2019 18:12

Instrument :

BNA_M

ClientSampleId :

TW-13

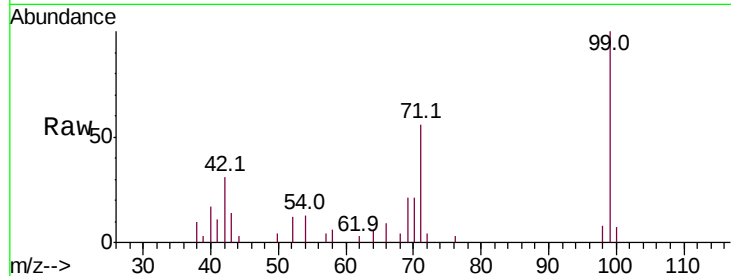
Tot Ion: 99 Resp: 26343

Ion Ratio Lower Upper

99 100

42 31.0 26.3 39.5

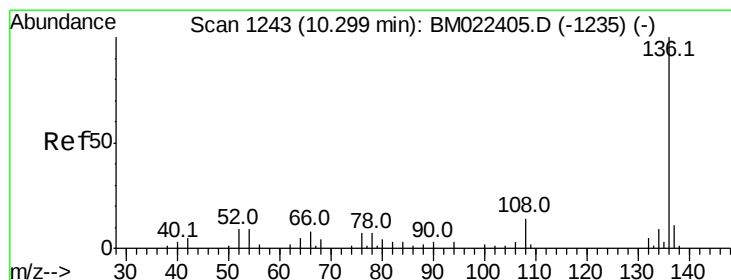
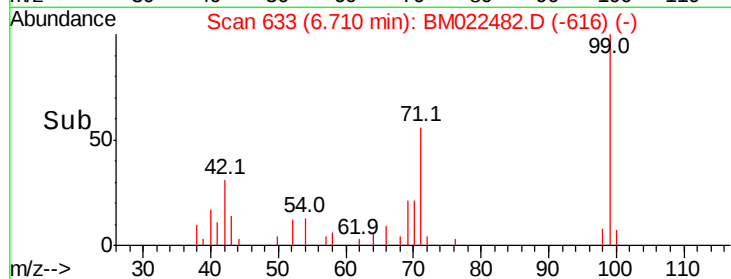
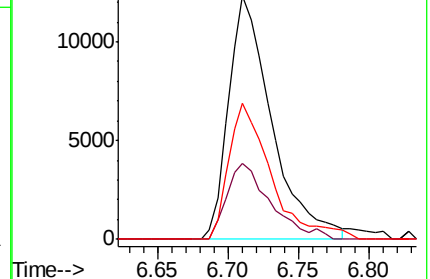
71 55.7 46.6 69.8



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# 1241

Delta R.T. 0.01 min

Lab File: BM022482.D

Acq: 01 Sep 2019 18:12

Tgt Ion: 136 Resp: 32698

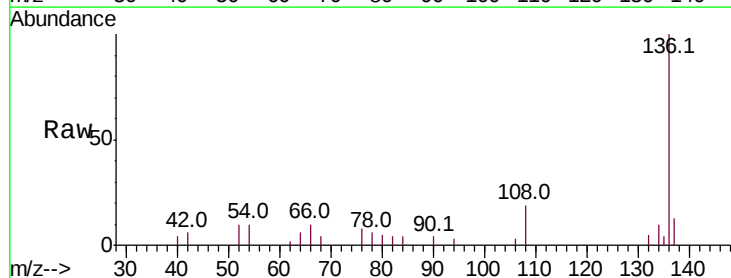
Ion Ratio Lower Upper

136 100

137 12.5 8.6 13.0

54 10.5 7.0 10.6

68 4.3 2.9 4.3

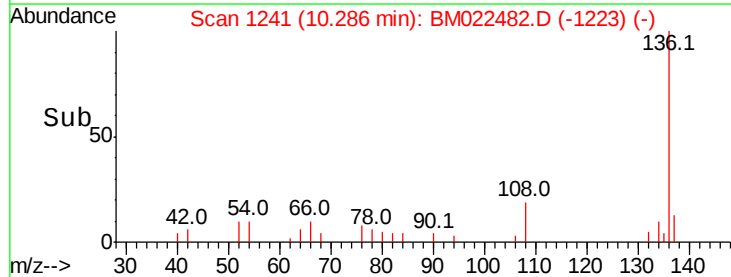
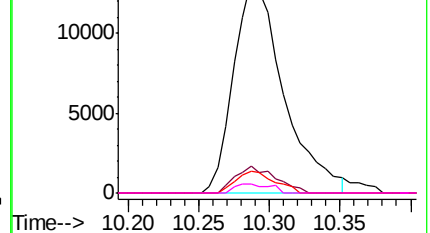


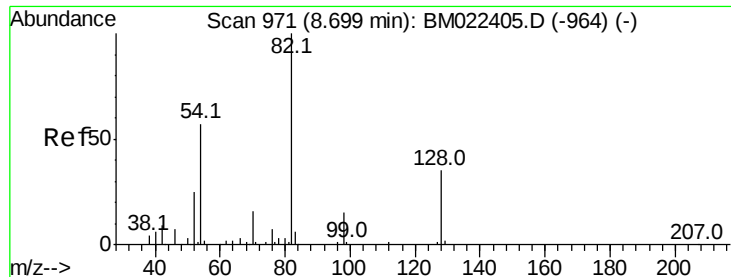
Abundance Ion 136.00 (135.70 to 136.70): BM022405.D (-1235) (-)

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) (-)

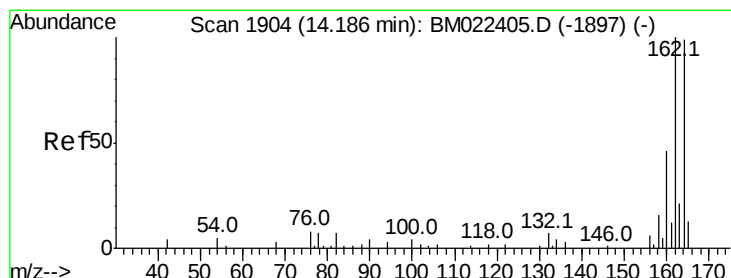
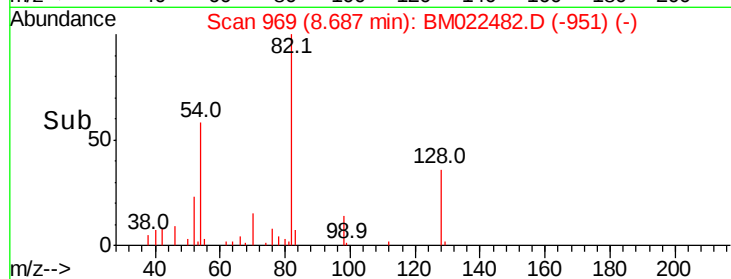
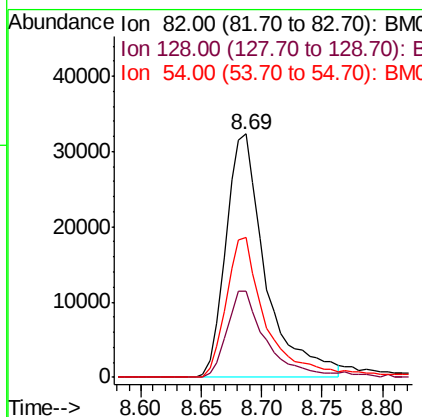
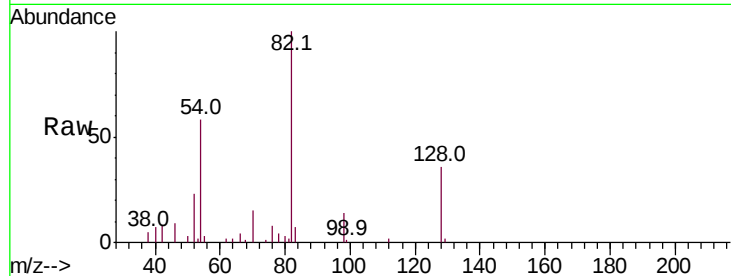




#23
 Nitrobenzene-d5
 Concen: 98.953 ng
 RT: 8.69 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BM022482.D
 Acq: 01 Sep 2019 18:12

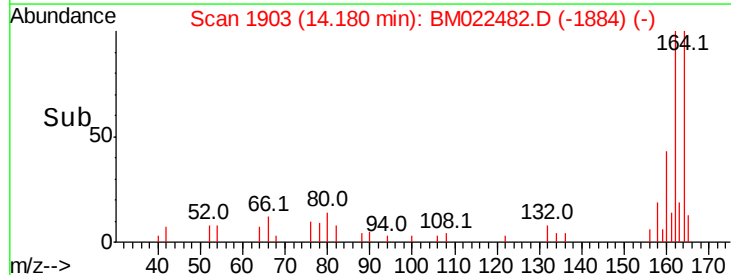
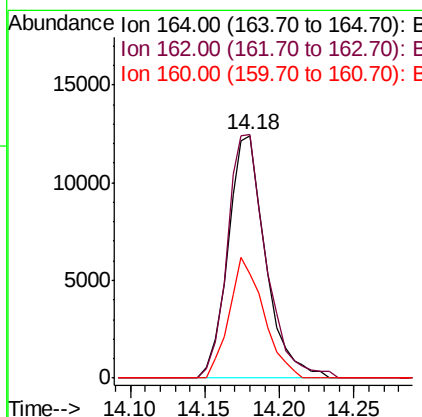
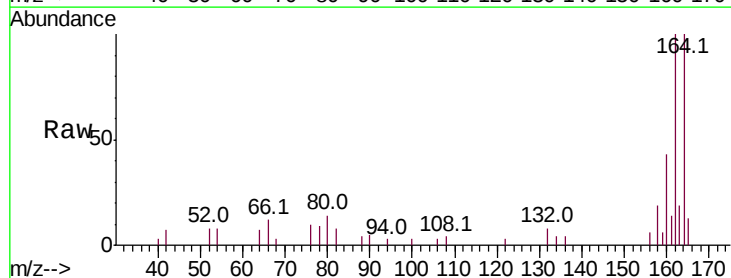
Instrument :
 BNA_M
 ClientSampleId :
 TW-13

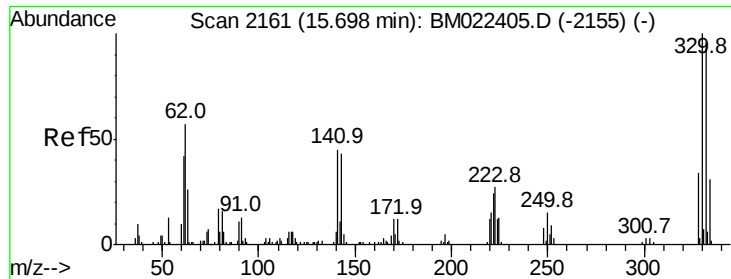
Tot Ion: 82 Resp: 73871
 Ion Ratio Lower Upper
 82 100
 128 35.6 27.9 41.9
 54 57.5 45.2 67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: BM022482.D
 Acq: 01 Sep 2019 18:12

Tgt Ion: 164 Resp: 21777
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.6 121.0
 160 42.9 37.3 55.9

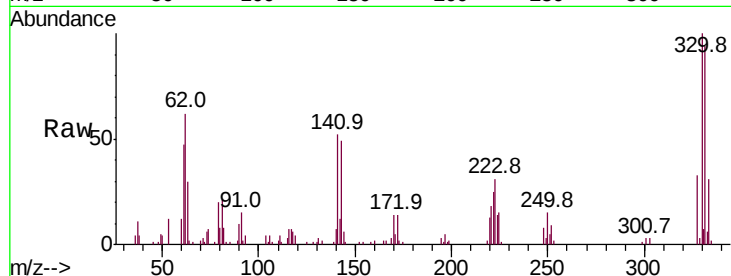




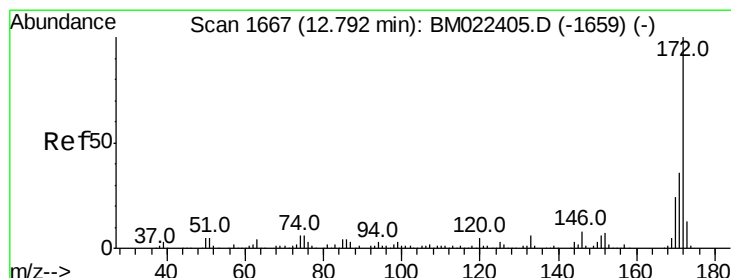
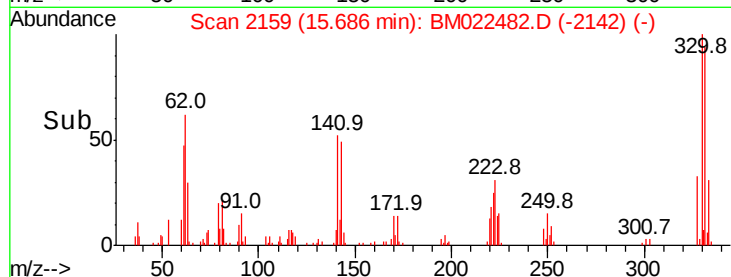
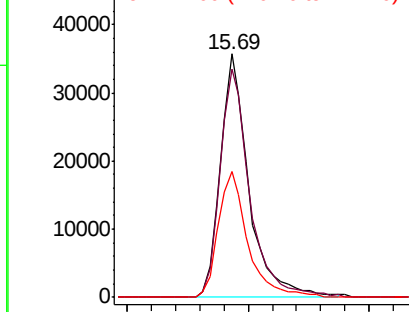
#42
 2,4,6-Tribromophenol
 Concen: 130.641 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BM022482.D
 Acq: 01 Sep 2019 18:12

Instrument :
 BNA_M
 ClientSampled :
 TW-13

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.8	116.8
141	53.4	35.6	53.4

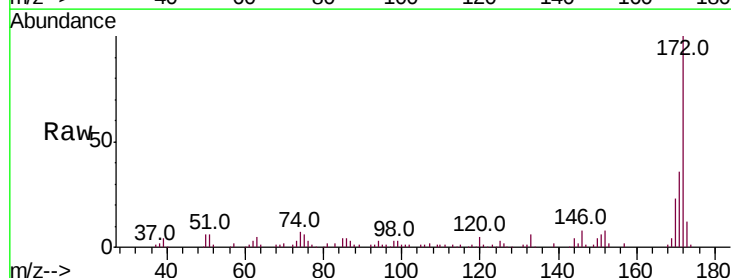


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

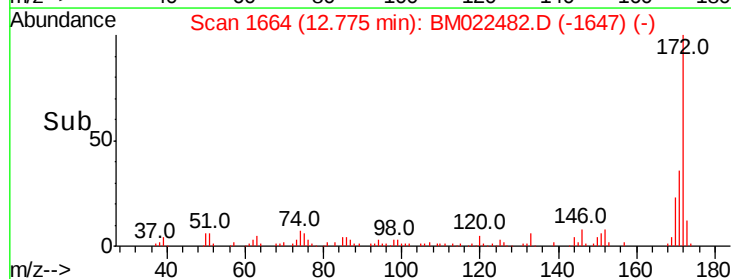
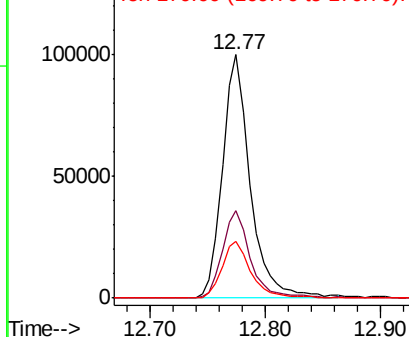


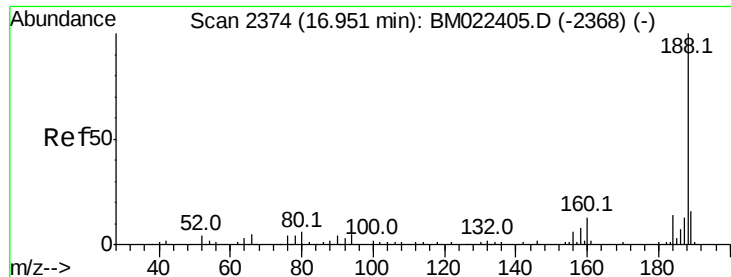
#45
 2-Fluorobiphenyl
 Concen: 86.752 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: BM022482.D
 Acq: 01 Sep 2019 18:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.3	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

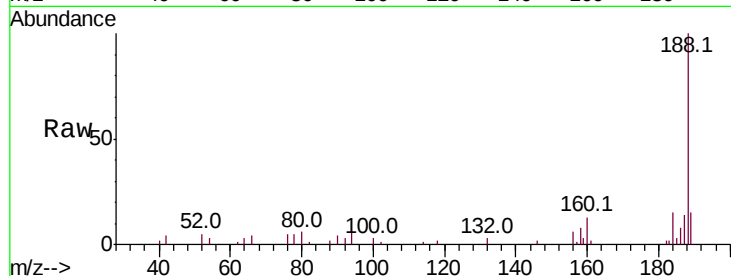




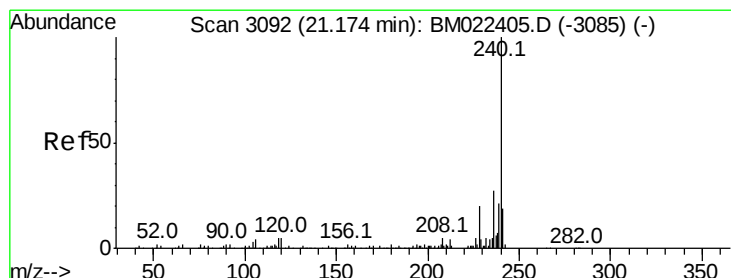
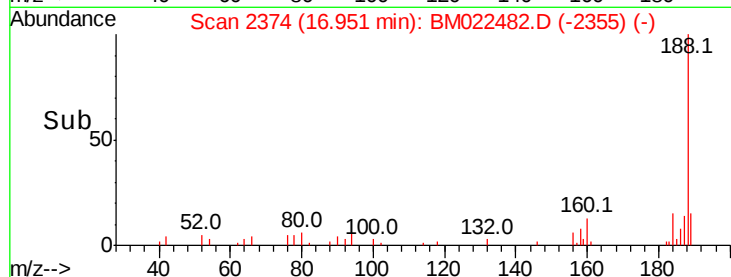
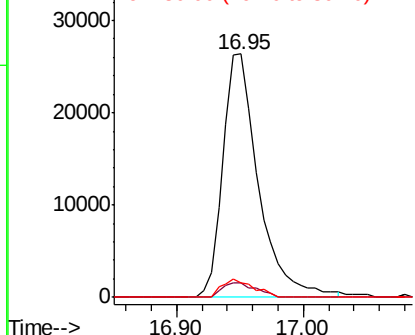
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.95 min Scan# 2374
 Delta R.T. 0.01 min
 Lab File: BM022482.D
 Acq: 01 Sep 2019 18:12

Instrument :
 BNA_M
 ClientSampleId :
 TW-13

Tot Ion:188 Resp: 51463
 Ion Ratio Lower Upper
 188 100
 94 5.8 4.4 6.6
 80 5.9 5.0 7.6

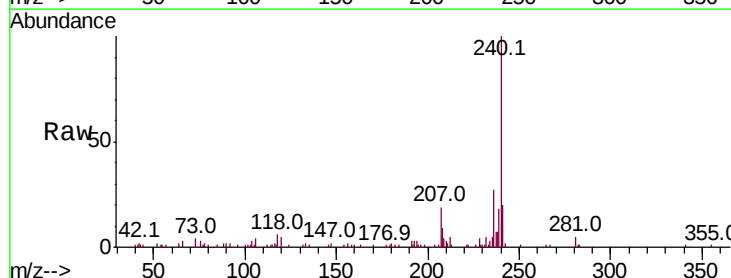


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM
 Ion 80.00 (79.70 to 80.70): BM

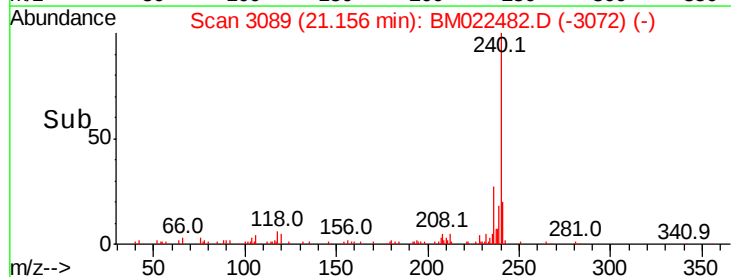
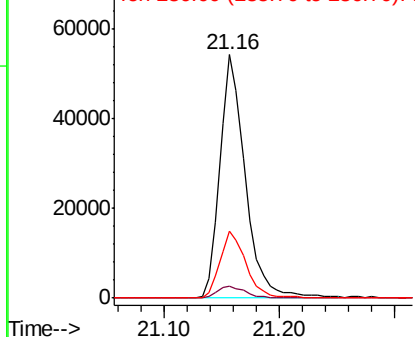


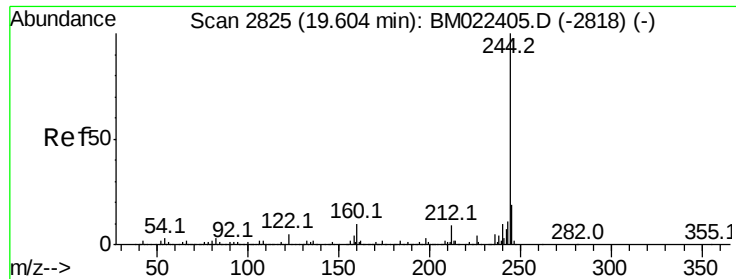
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.16 min Scan# 3089
 Delta R.T. -0.00 min
 Lab File: BM022482.D
 Acq: 01 Sep 2019 18:12

Tgt Ion:240 Resp: 83025
 Ion Ratio Lower Upper
 240 100
 120 5.0 3.9 5.9
 236 27.3 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

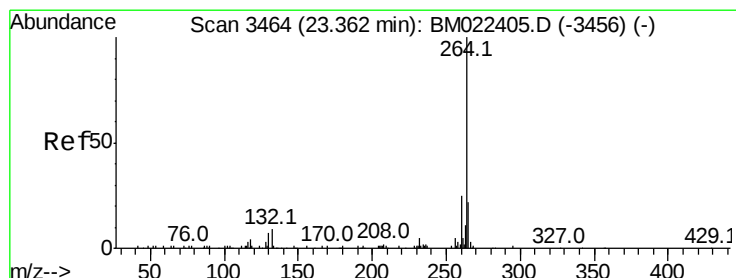
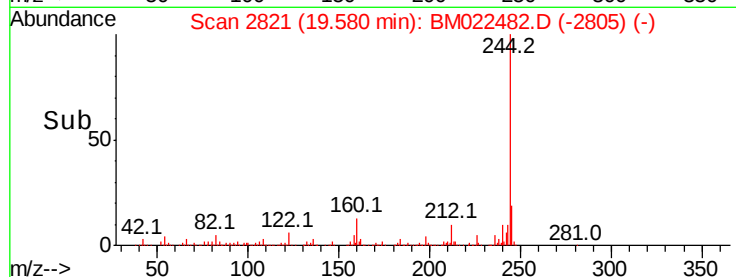
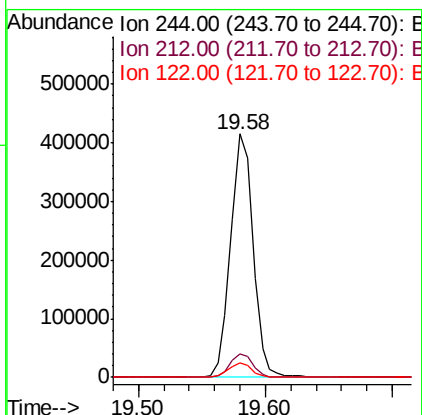
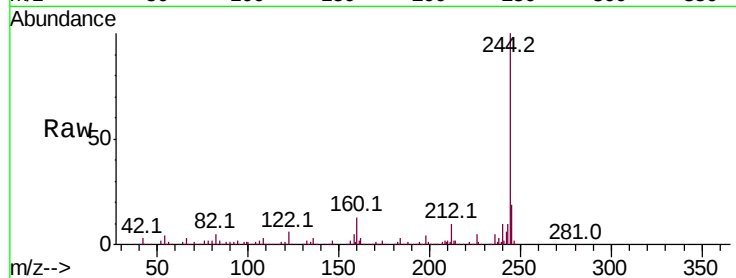




#79
 Terphenyl-d14
 Concen: 80.908 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM022482.D
 Acq: 01 Sep 2019 18:12

Instrument :
 BNA_M
 ClientSampled :
 TW-13

Tot Ion:244	Resp:	508989
Ion Ratio	Lower	Upper
244	100	
212	9.7	7.0 10.4
122	6.0	3.9 5.9#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.34 min Scan# 3460
 Delta R.T. -0.01 min
 Lab File: BM022482.D
 Acq: 01 Sep 2019 18:12

Tgt Ion:264	Resp:	107977
Ion Ratio	Lower	Upper
264	100	
260	24.4	20.2 30.2
265	22.4	18.2 27.2

