

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022489.D
 Acq On : 01 Sep 2019 22:30
 Operator : HP/JU
 Sample : K4555-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-12

Quant Time: Sep 02 04:50:27 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

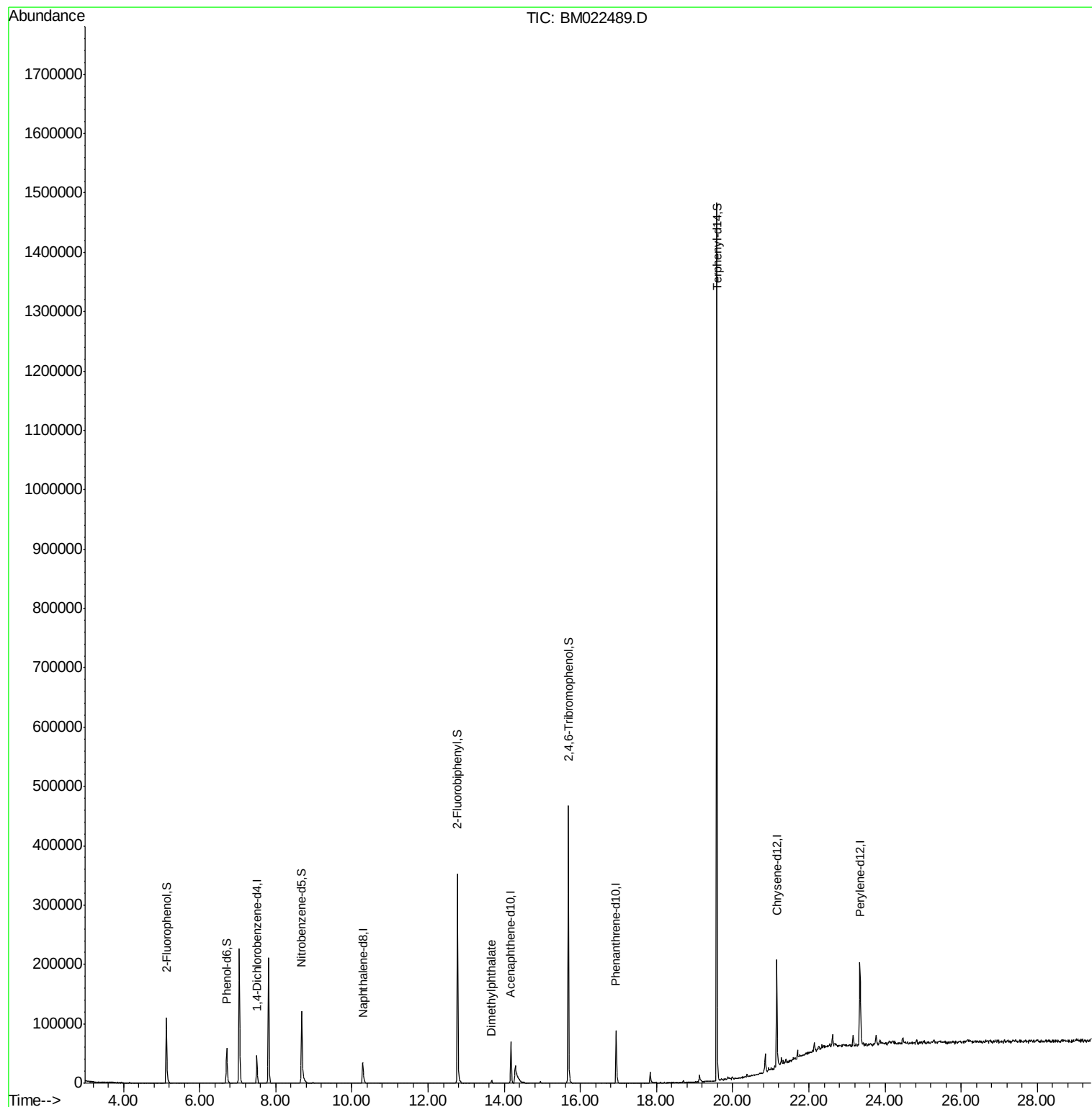
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	10600	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	35950	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	24470	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	58518	20.00	ng	0.00
76) Chrysene-d12	21.16	240	88548	20.00	ng	0.00
87) Perylene-d12	23.34	264	114074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	40656	67.33	ng	0.00
7) Phenol-d6	6.71	99	31836	39.42	ng	0.00
23) Nitrobenzene-d5	8.68	82	82146	100.08	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	67451	134.71	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	180834	83.72	ng	0.00
79) Terphenyl-d14	19.58	244	564311	84.11	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.67	163	4686	2.202	ng	Qvalue # 86

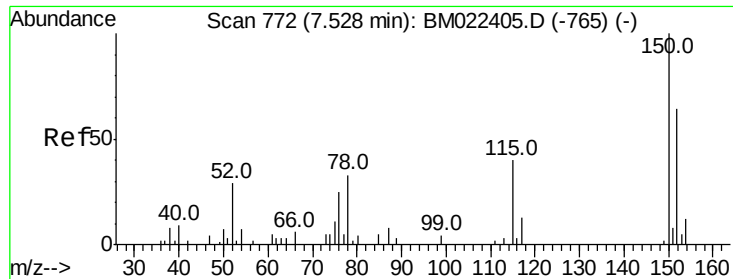
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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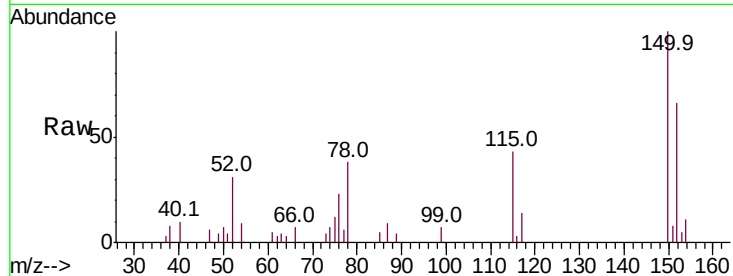


#1

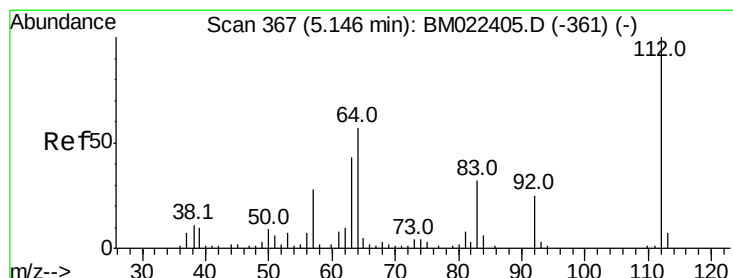
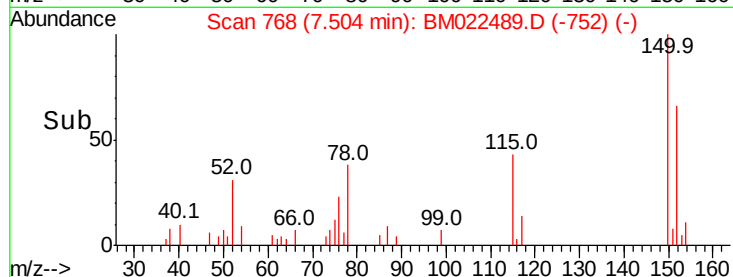
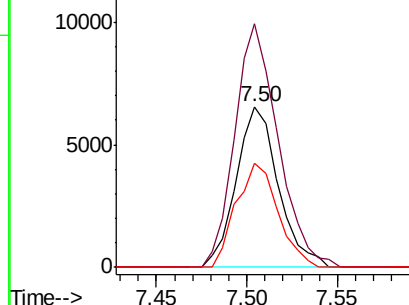
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.50 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BM022489.D
 Acq: 01 Sep 2019 22:30

Instrument :
 BNA_M
 ClientSampled :
 TW-12

Tot Ion:152 Resp: 10600
 Ion Ratio Lower Upper
 152 100
 150 151.7 125.4 188.0
 115 64.6 50.3 75.5



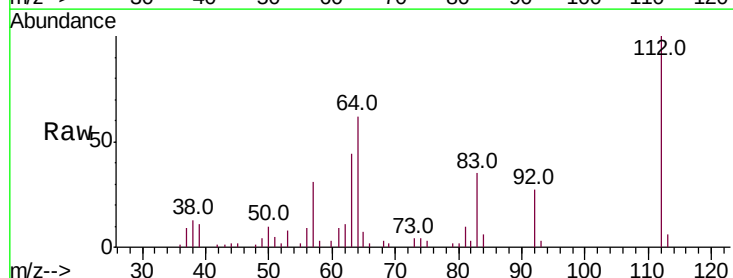
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



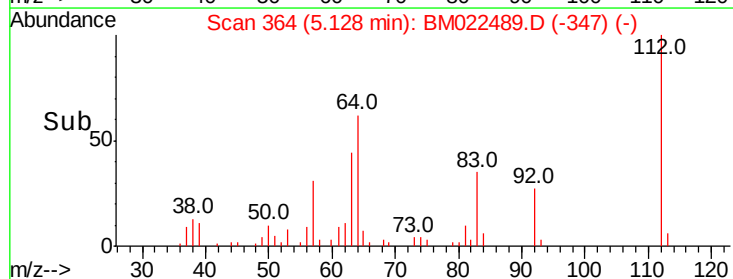
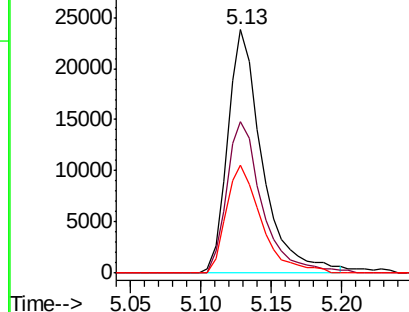
#5

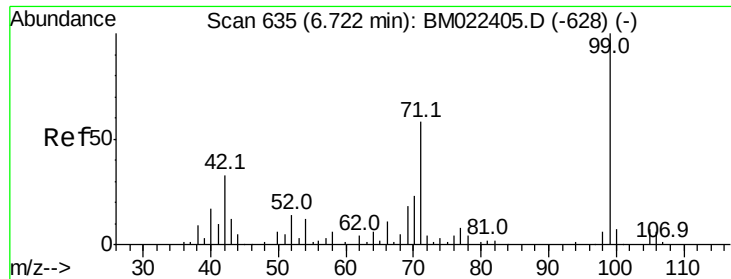
2-Fluorophenol
 Concen: 67.325 ng
 RT: 5.13 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: BM022489.D
 Acq: 01 Sep 2019 22:30

Tgt Ion:112 Resp: 40656
 Ion Ratio Lower Upper
 112 100
 64 62.2 45.4 68.2
 63 44.2 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: 39.423 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM022489.D

Acq: 01 Sep 2019 22:30

Instrument :

BNA_M

ClientSampleId :

TW-12

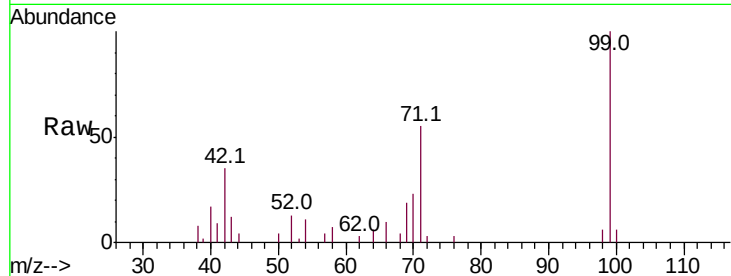
Tot Ion: 99 Resp: 31836

Ion Ratio Lower Upper

99 100

42 34.7 26.3 39.5

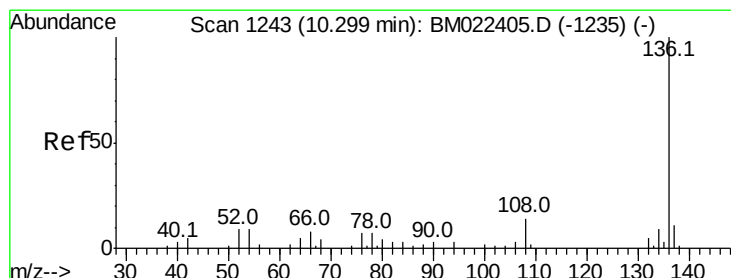
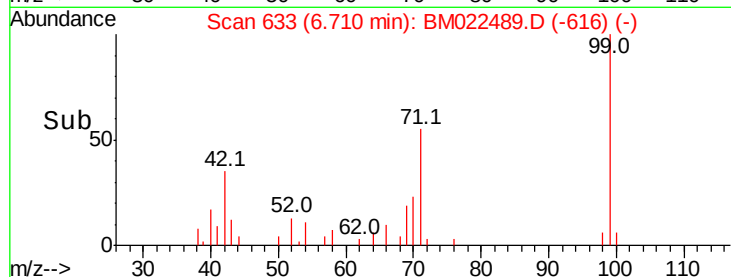
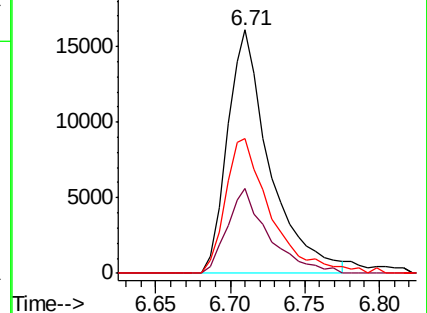
71 55.4 46.6 69.8



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: BM022489.D

Acq: 01 Sep 2019 22:30

Tgt Ion: 136 Resp: 35950

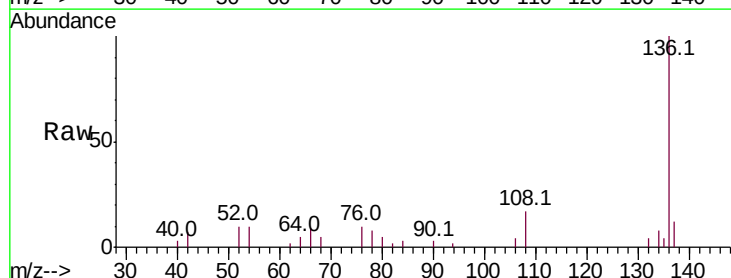
Ion Ratio Lower Upper

136 100

137 12.3 8.6 13.0

54 10.3 7.0 10.6

68 5.4 2.9 4.3#

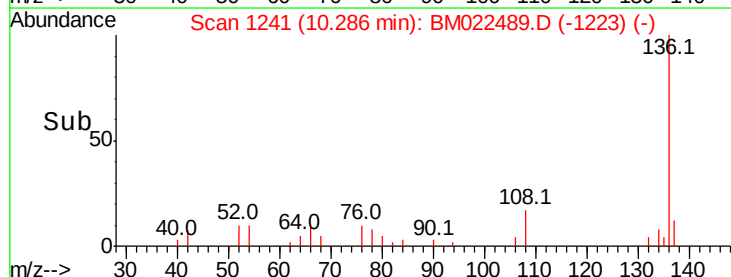
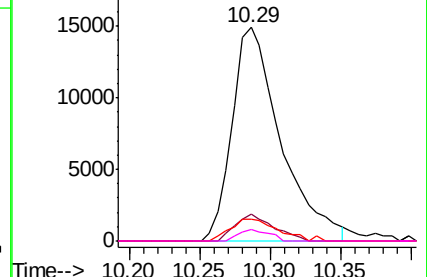


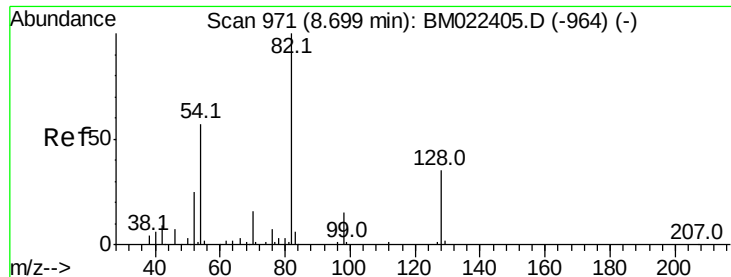
Abundance Ion 136.00 (135.70 to 136.70): BM022405.D (-1235) (-)

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) (-)

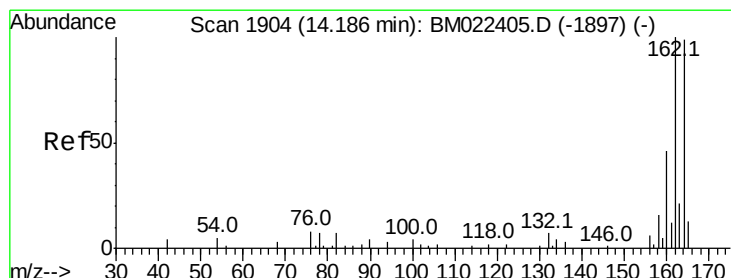
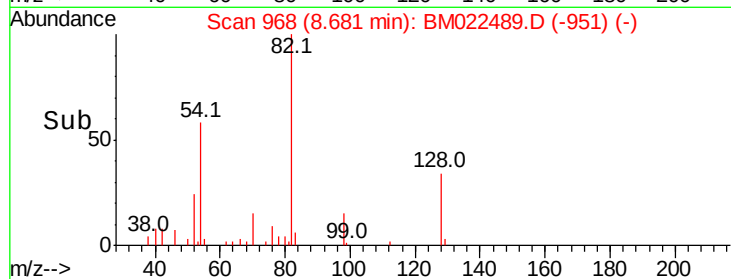
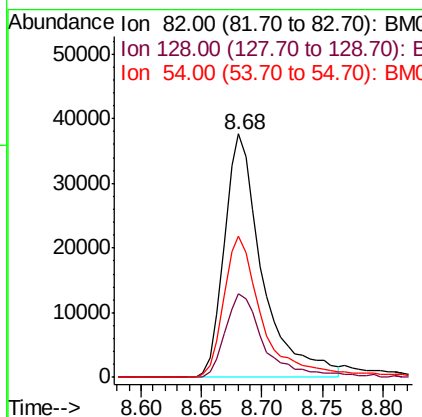
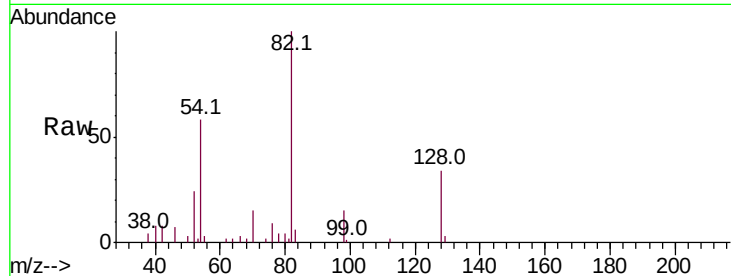




#23
 Nitrobenzene-d5
 Concen: 100.084 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BM022489.D
 Acq: 01 Sep 2019 22:30

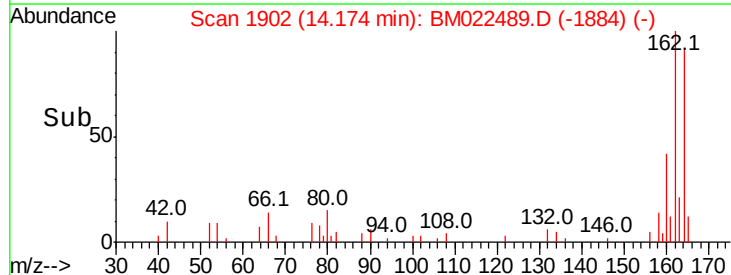
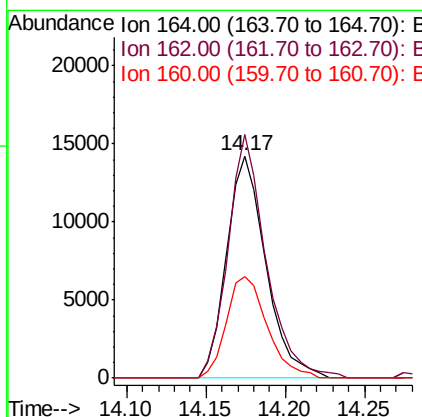
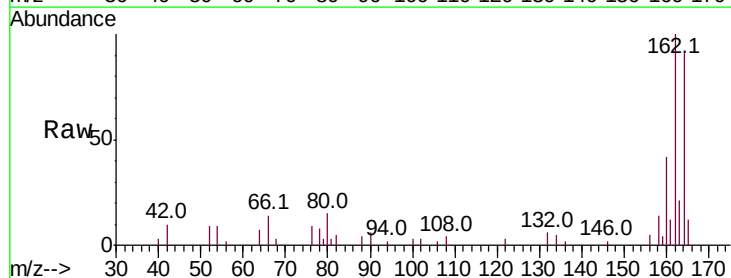
Instrument :
 BNA_M
 ClientSampleID :
 TW-12

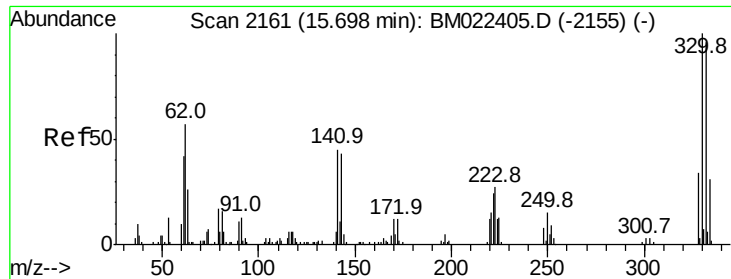
Tot Ion	82	Resp	82146
Ion Ratio	Lower	Upper	
82	100		
128	34.4	27.9	41.9
54	58.2	45.2	67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: BM022489.D
 Acq: 01 Sep 2019 22:30

Tgt Ion	164	Resp	24470
Ion Ratio	Lower	Upper	
164	100		
162	109.5	80.6	121.0
160	45.9	37.3	55.9

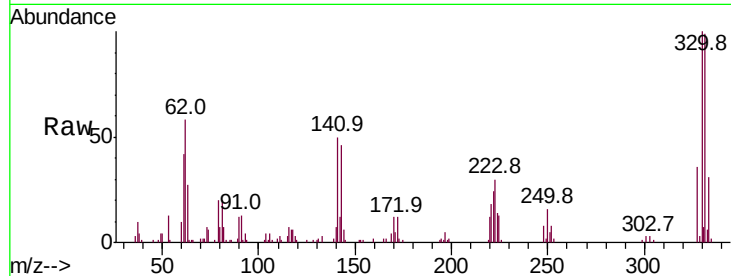




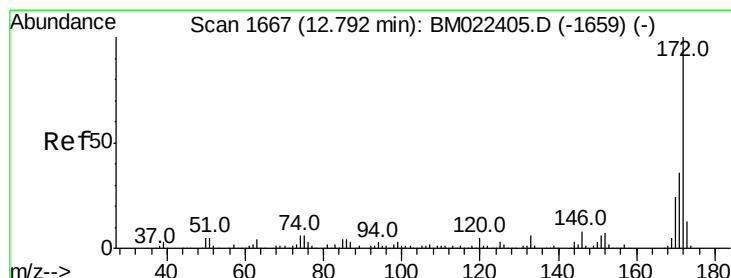
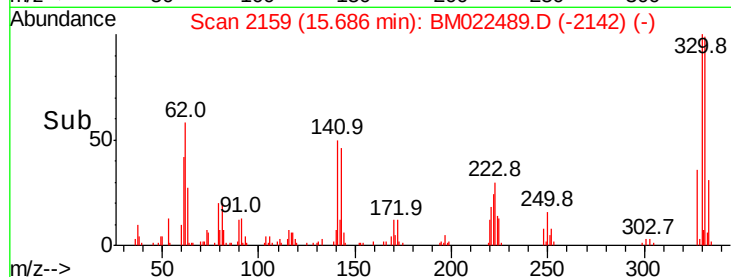
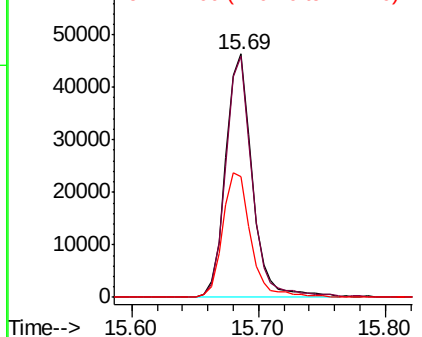
#42
 2,4,6-Tribromophenol
 Concen: 134.707 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BM022489.D
 Acq: 01 Sep 2019 22:30

Instrument :
 BNA_M
 ClientSampled :
 TW-12

Tot Ion:330 Resp: 67451
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.8 116.8
 141 54.0 35.6 53.4#

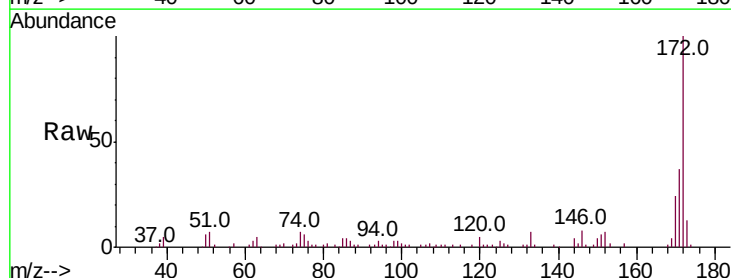


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

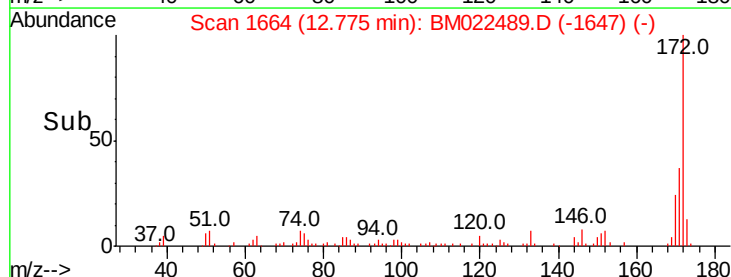
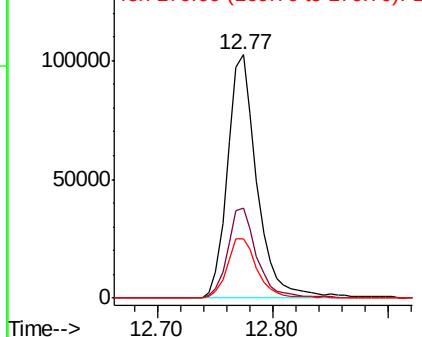


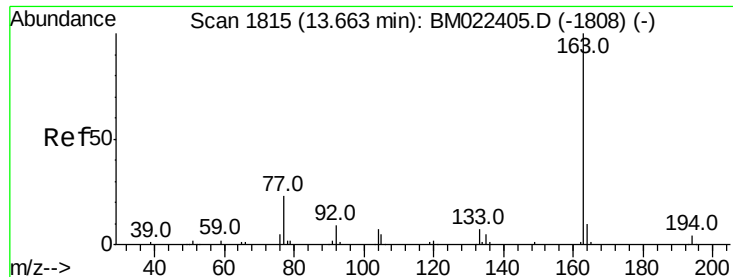
#45
 2-Fluorobiphenyl
 Concen: 83.718 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: BM022489.D
 Acq: 01 Sep 2019 22:30

Tgt Ion:172 Resp: 180834
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.5 42.7
 170 24.2 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





#50

Dimethylphthalate

Concen: 2.202 ng

RT: 13.67 min Scan# 1817

Delta R.T. 0.02 min

Lab File: BM022489.D

Acq: 01 Sep 2019 22:30

Instrument :

BNA_M

ClientSampleId :

TW-12

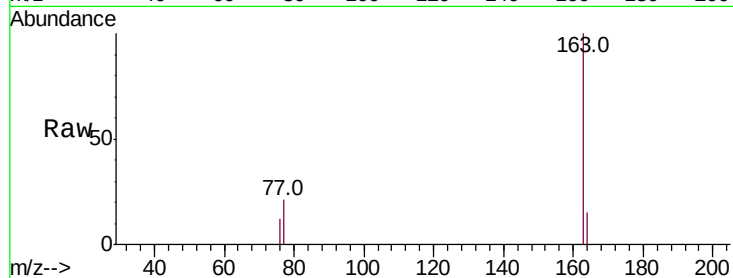
Tot Ion:163 Resp: 4686

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

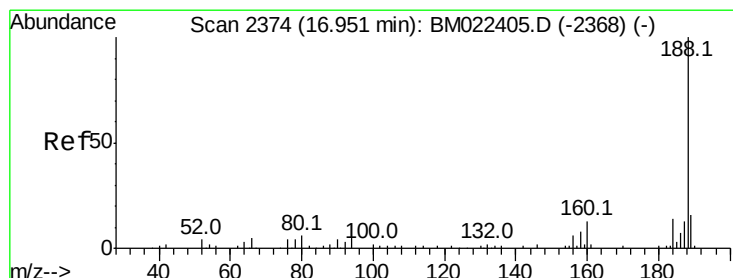
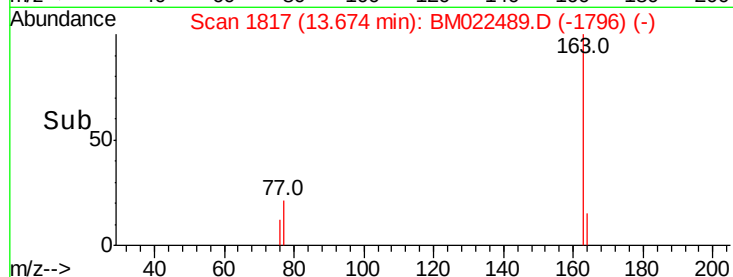
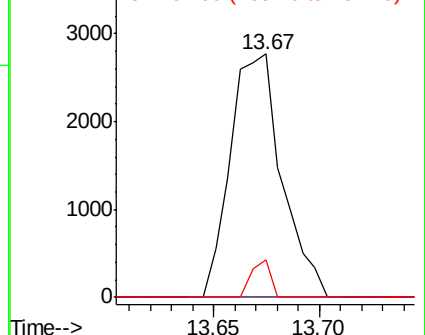
164 15.4 8.2 12.2#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.94 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BM022489.D

Acq: 01 Sep 2019 22:30

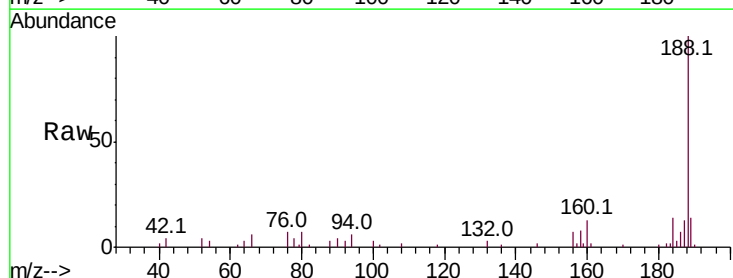
Tgt Ion:188 Resp: 58518

Ion Ratio Lower Upper

188 100

94 6.1 4.4 6.6

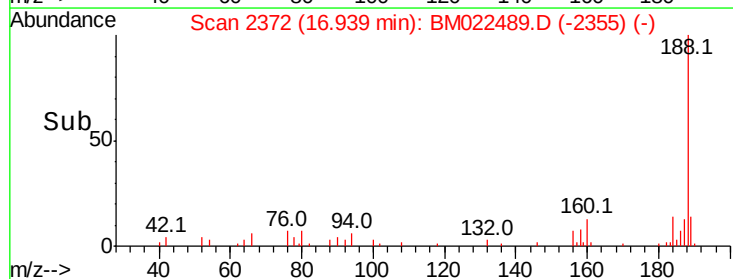
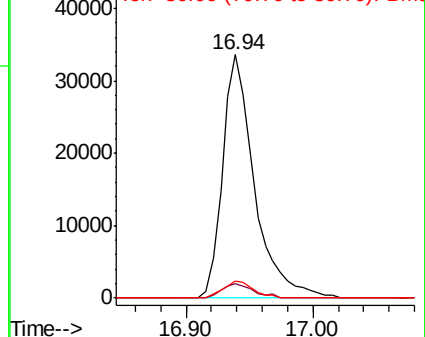
80 7.1 5.0 7.6

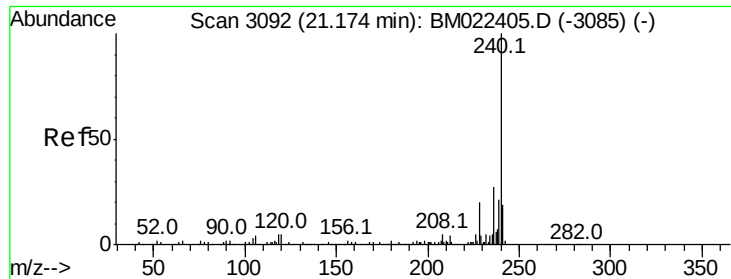


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

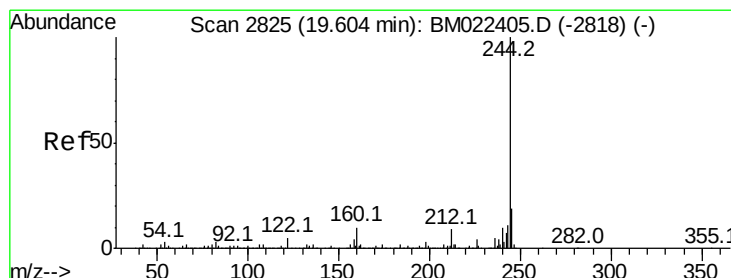
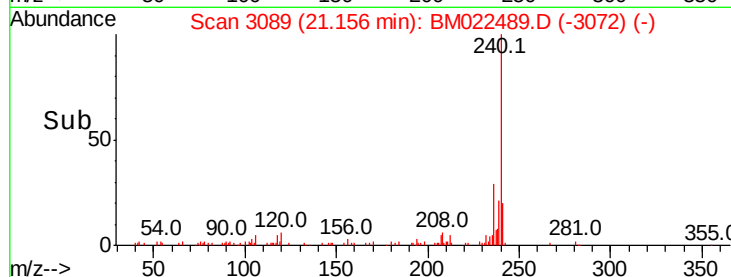
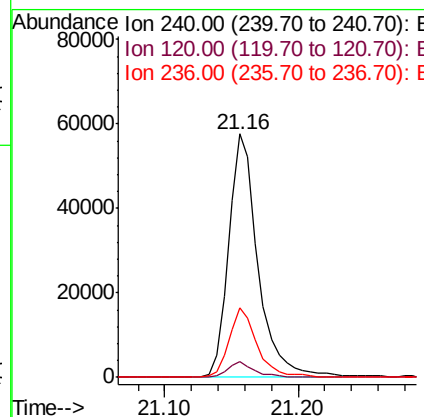
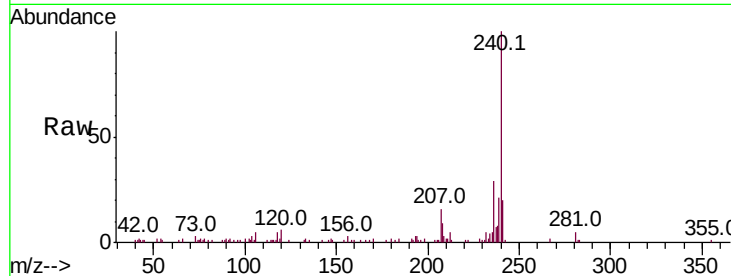




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BM022489.D
Acq: 01 Sep 2019 22:30

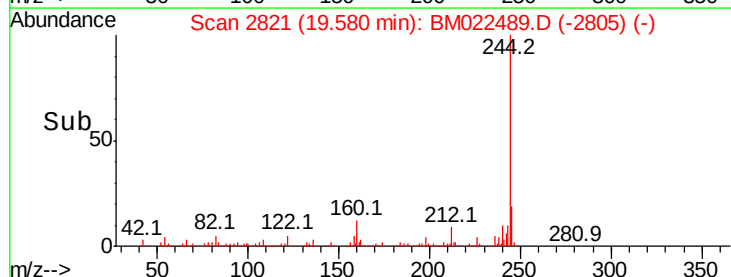
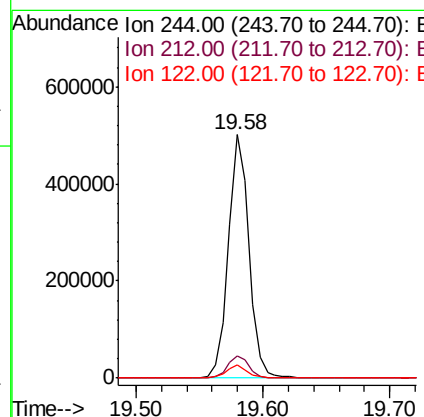
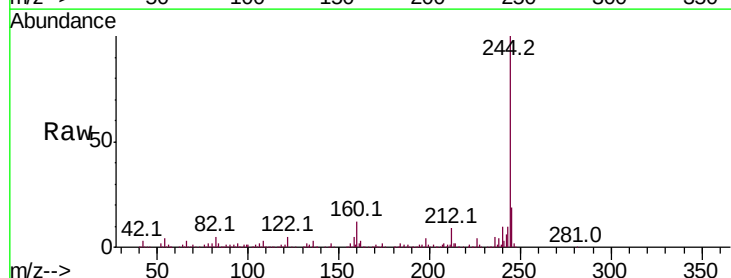
Instrument :
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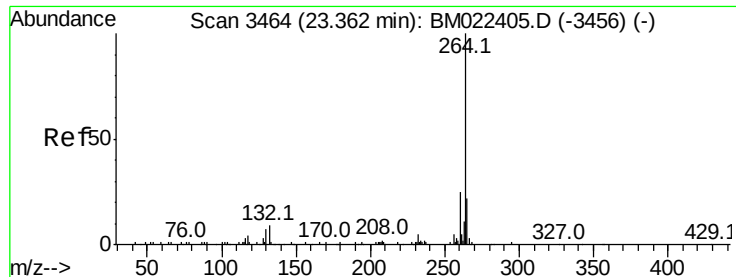
Tot Ion:240 Resp: 88548
Ion Ratio Lower Upper
240 100
120 6.4 3.9 5.9#
236 28.6 21.4 32.2



#79
Terphenyl-d14
Concen: 84.107 ng
RT: 19.58 min Scan# 2821
Delta R.T. -0.01 min
Lab File: BM022489.D
Acq: 01 Sep 2019 22:30

Tgt Ion:244 Resp: 564311
Ion Ratio Lower Upper
244 100
212 9.3 7.0 10.4
122 5.4 3.9 5.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM022489.D

Acq: 01 Sep 2019 22:30

Instrument :

BNA_M

ClientSampleId :

TW-12

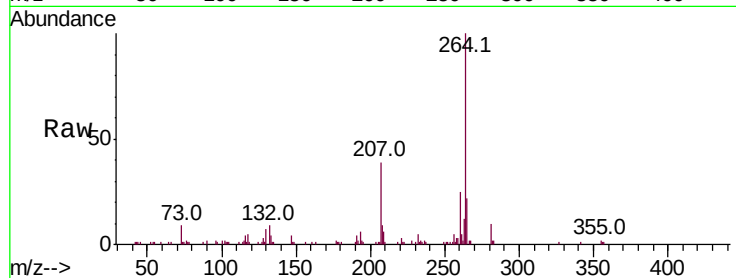
Tot Ion:264 Resp: 114074

Ion Ratio Lower Upper

264 100

260 24.6 20.2 30.2

265 22.1 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

