

Data File : BP001632.D
Acq On : 16 Jan 2020 17:35
Operator : JU
Sample : L1145-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-109

Quant Time: Jan 17 04:29:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

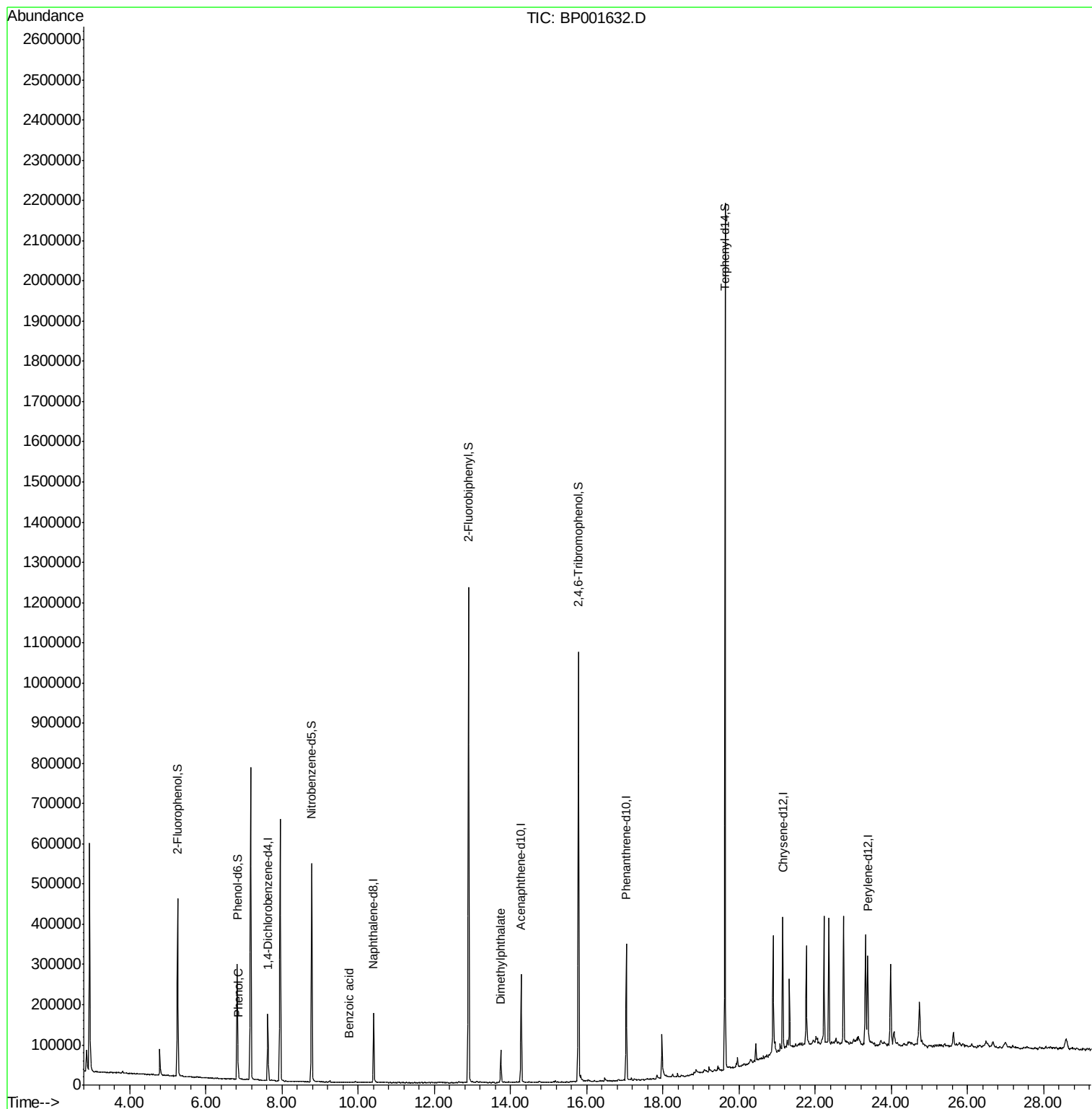
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	34754	20.00	ng	-0.01
21) Naphthalene-d8	10.40	136	126709	20.00	ng	-0.01
39) Acenaphthene-d10	14.27	164	85092	20.00	ng	-0.01
64) Phenanthrene-d10	17.04	188	190556	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	153678	20.00	ng	-0.01
87) Perylene-d12	23.37	264	157151	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	142789	80.48	ng	0.00
7) Phenol-d6	6.82	99	126854	44.74	ng	-0.01
23) Nitrobenzene-d5	8.78	82	281088	96.94	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	169752	131.06	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	593272	102.51	ng	0.00
79) Terphenyl-d14	19.63	244	906660	107.91	ng	-0.01
Target Compounds						
10) Phenol	6.85	94	6720	2.291	ng	95
32) Benzoic acid	9.77	122	64	4.742	ng	# 1
50) Dimethylphthalate	13.74	163	46332	6.611	ng	98

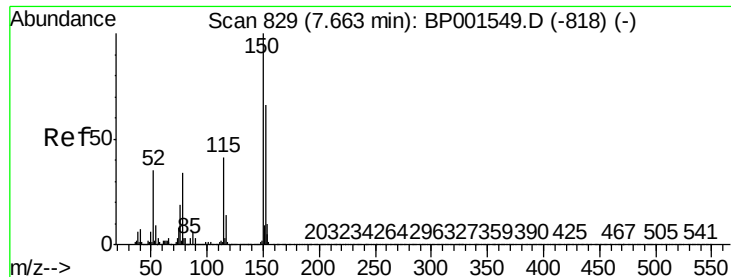
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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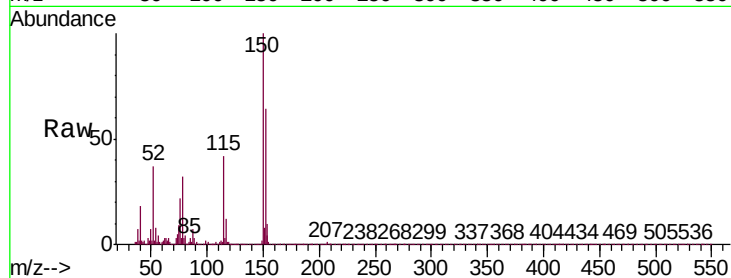


#1

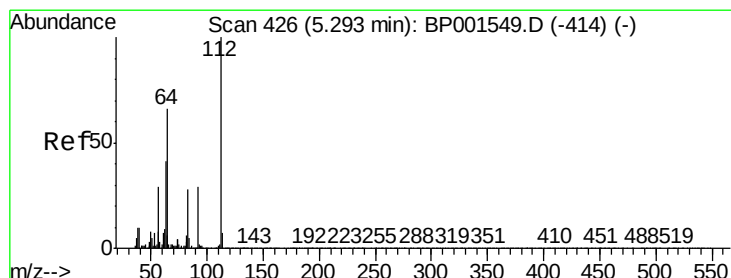
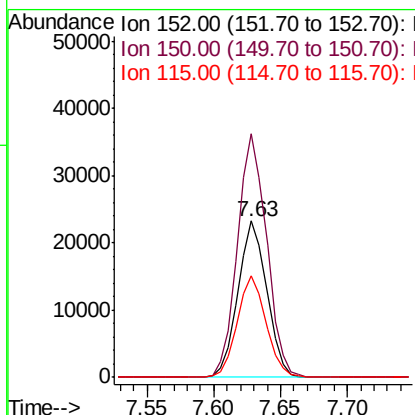
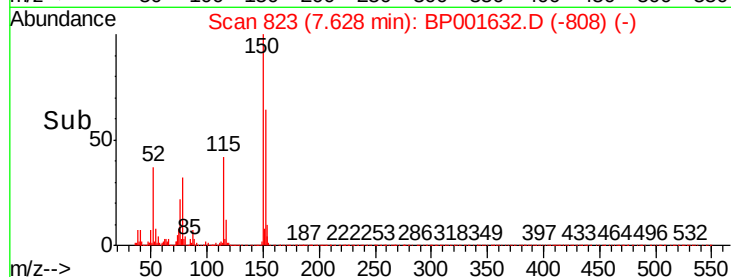
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 823
Delta R.T. -0.01 min
Lab File: BP001632.D
Acq: 16 Jan 2020 17:35

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ClientSampleId :
MH-109

Tgt Ion:152 Resp: 34754
Ion Ratio Lower Upper
152 100
150 155.6 122.0 183.0
115 64.8 50.7 76.1



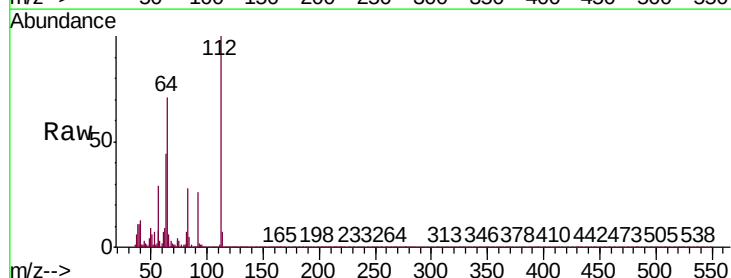
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



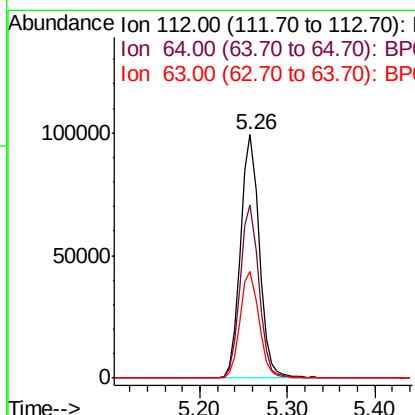
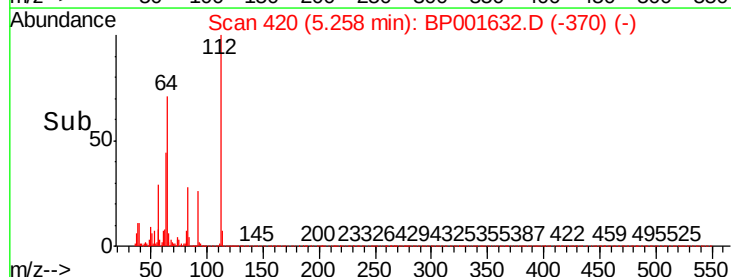
#5

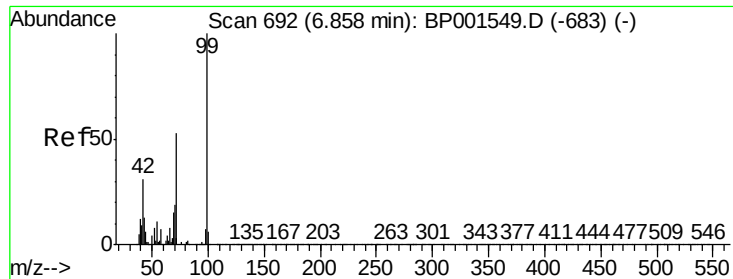
2-Fluorophenol
Concen: 80.483 ng
RT: 5.26 min Scan# 420
Delta R.T. -0.01 min
Lab File: BP001632.D
Acq: 16 Jan 2020 17:35

Tgt Ion:112 Resp: 142789
Ion Ratio Lower Upper
112 100
64 71.1 52.8 79.2
63 44.0 33.1 49.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 44.739 ng

RT: 6.82 min Scan# 686

Delta R.T. -0.01 min

Lab File: BP001632.D

Acq: 16 Jan 2020 17:35

Instrument :

BNA_P

ClientSampled :

MH-109

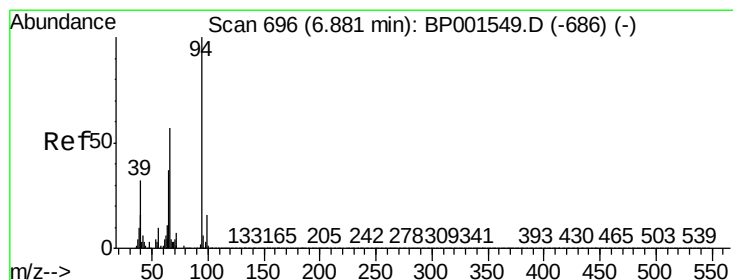
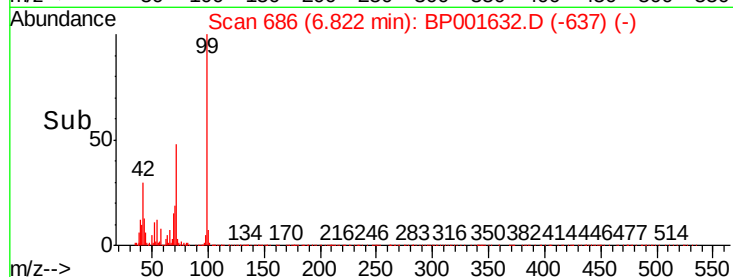
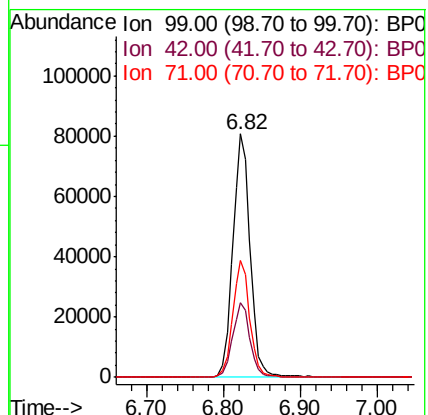
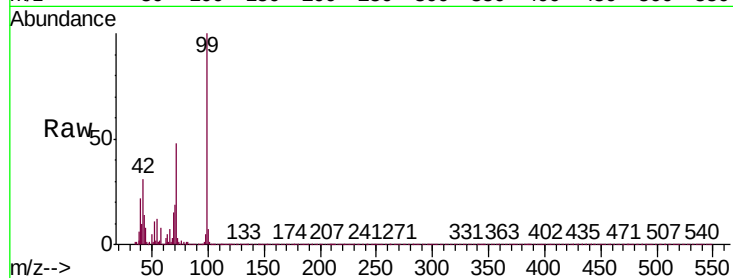
Tgt Ion: 99 Resp: 126854

Ion Ratio Lower Upper

99 100

42 30.6 24.5 36.7

71 47.8 42.4 63.6



#10

Phenol

Concen: 2.291 ng

RT: 6.85 min Scan# 691

Delta R.T. -0.01 min

Lab File: BP001632.D

Acq: 16 Jan 2020 17:35

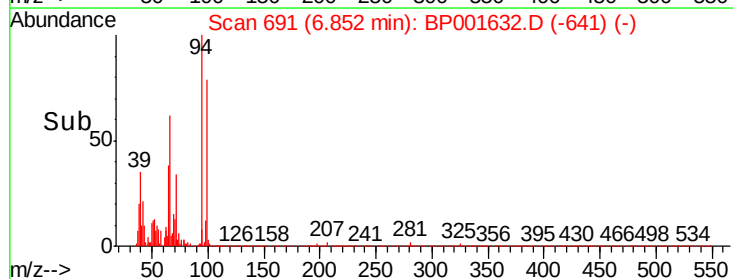
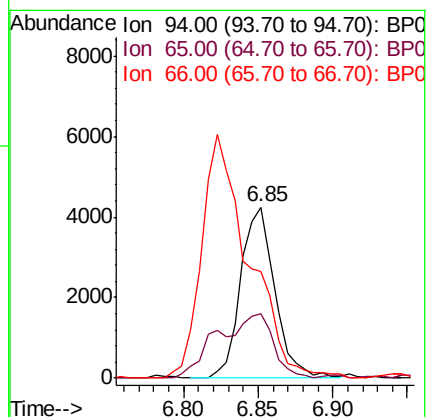
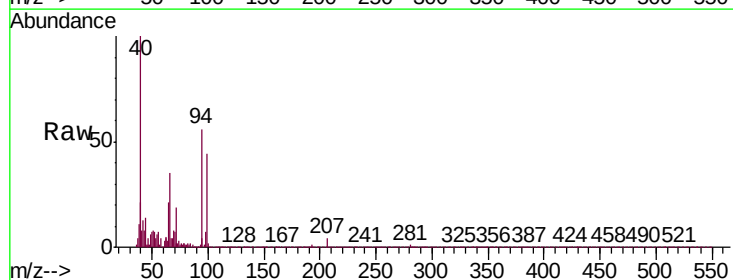
Tgt Ion: 94 Resp: 6720

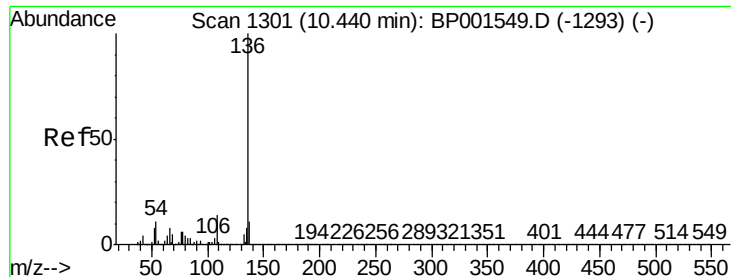
Ion Ratio Lower Upper

94 100

65 37.7 17.5 57.5

66 62.2 36.7 76.7

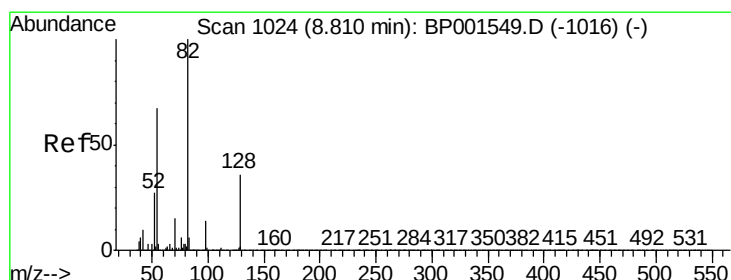
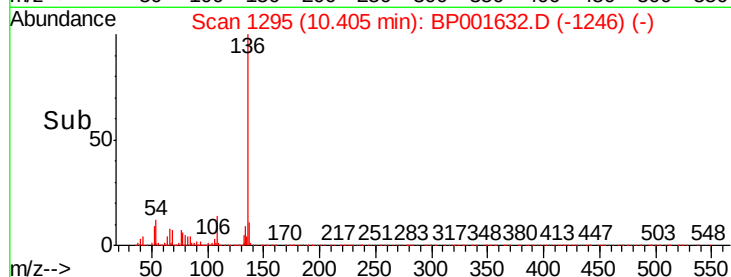
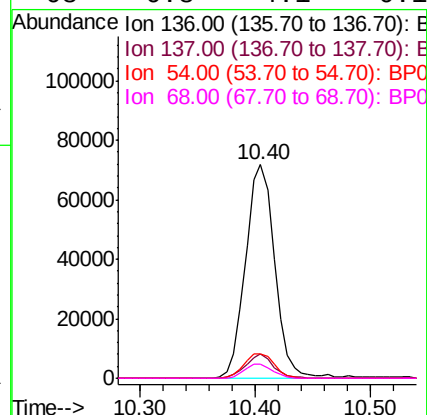
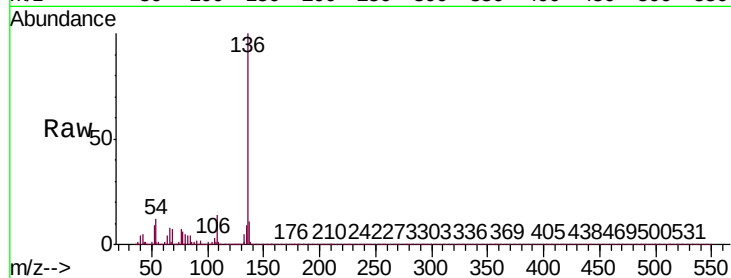




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP001632.D
Acq: 16 Jan 2020 17:35

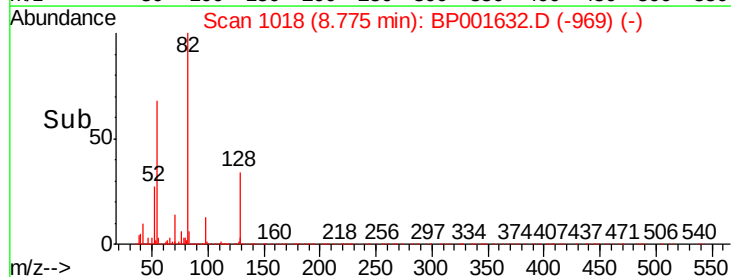
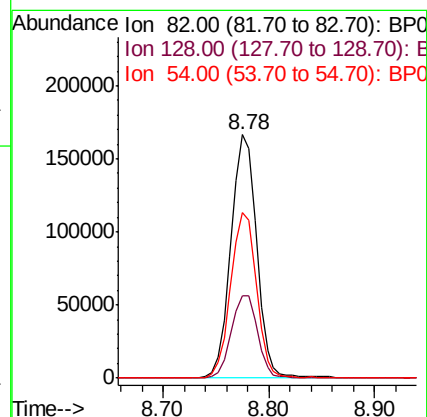
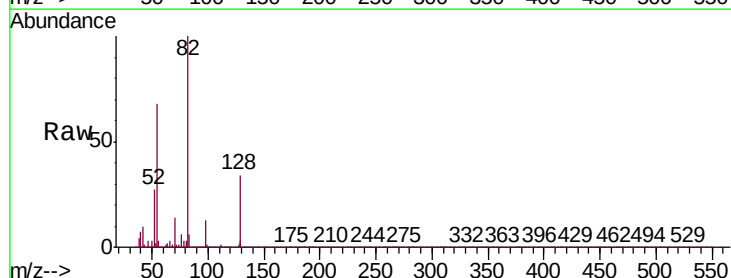
Instrument :
BNA_P
ClientSampleId :
MH-109

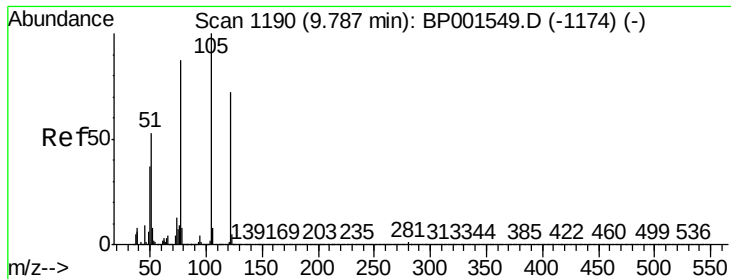
Tgt Ion:	136	Resp:	126709
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	12.8
54	11.6	9.2	13.8
68	6.8	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 96.937 ng
RT: 8.78 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BP001632.D
Acq: 16 Jan 2020 17:35

Tgt Ion:	82	Resp:	281088
Ion	Ratio	Lower	Upper
82	100		
128	33.9	28.4	42.6
54	68.1	53.4	80.2





#32

Benzoic acid

Concen: 4.742 ng

RT: 9.77 min Scan# 1187

Delta R.T. 0.02 min

Lab File: BP001632.D

Acq: 16 Jan 2020 17:35

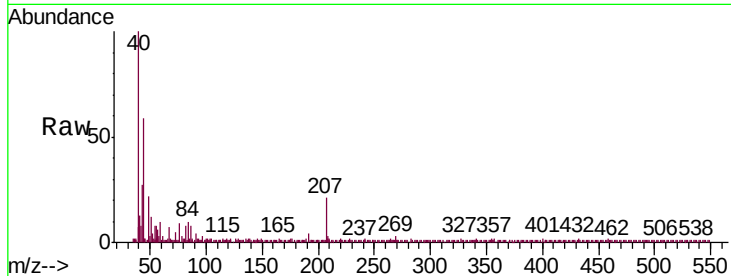
Instrument :

BNA_P

ClientSampled :

MH-109

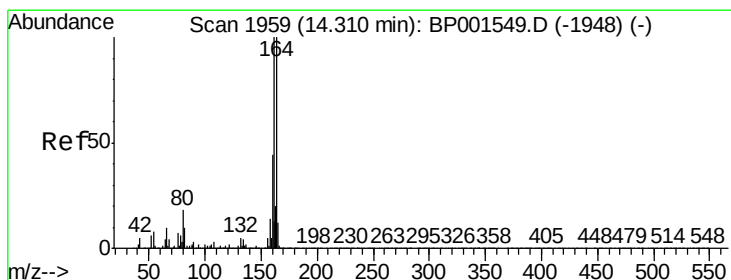
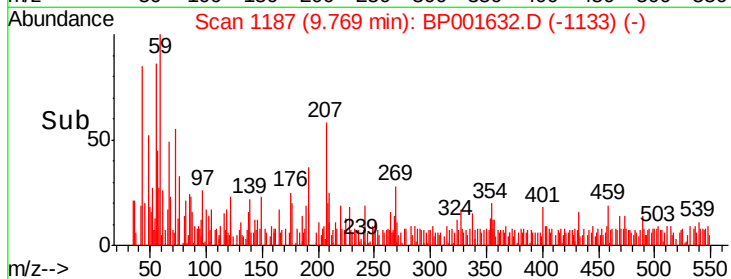
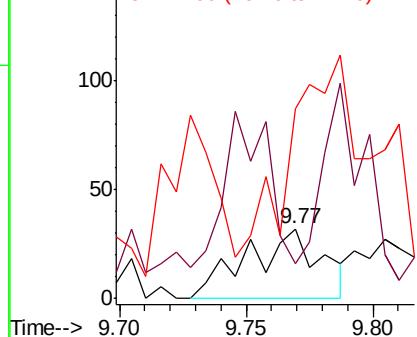
Tgt Ion:	122	Resp:	64
Ion Ratio	Lower	Upper	
122	100		
105	50.0	119.5	159.5#
77	271.9	102.8	142.8#



Abundance Ion 122.00 (121.70 to 122.70): E

150 Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0



#39

Acenaphthene-d10

Concen: 20.000 ng

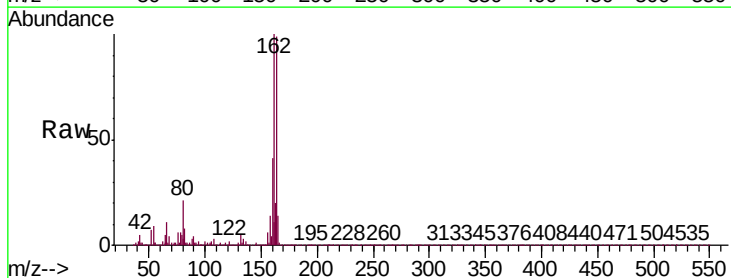
RT: 14.27 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BP001632.D

Acq: 16 Jan 2020 17:35

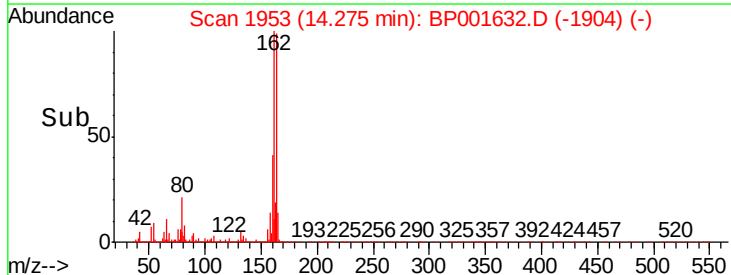
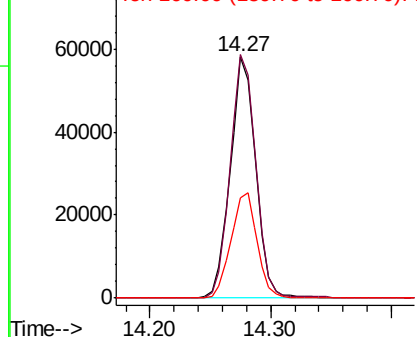
Tgt Ion:	164	Resp:	85092
Ion Ratio	Lower	Upper	
164	100		
162	101.0	79.8	119.6
160	41.6	35.0	52.6

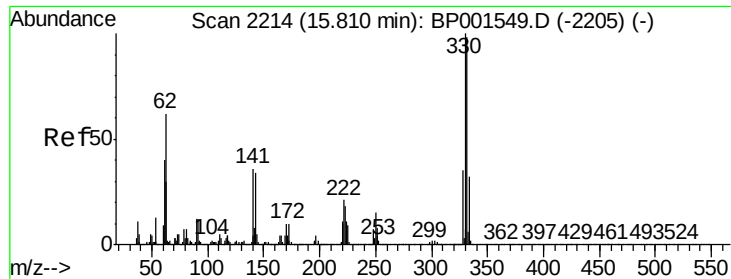


Abundance Ion 164.00 (163.70 to 164.70): E

80000 Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

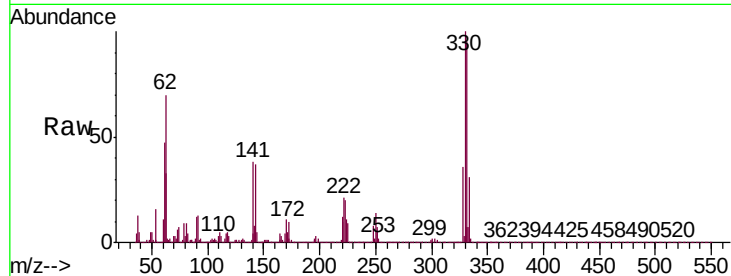




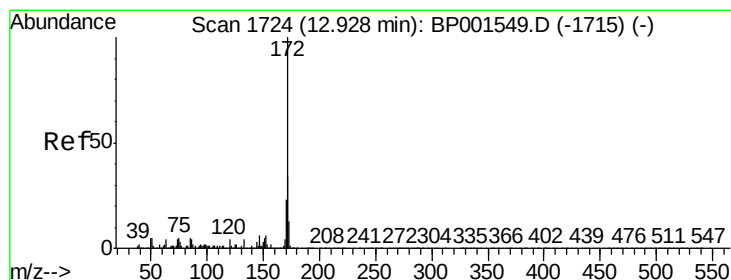
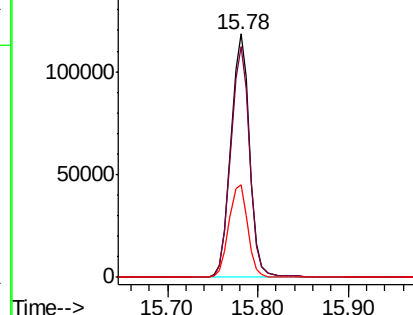
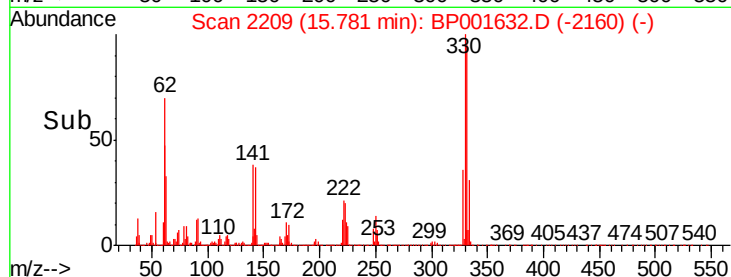
#42
 2,4,6-Tribromophenol
 Concen: 131.055 ng
 RT: 15.78 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BP001632.D
 Acq: 16 Jan 2020 17:35

Instrument :
 BNA_P
 ClientSampleId :
 MH-109

Tgt Ion:330 Resp: 169752
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.8 116.6
 141 38.7 28.7 43.1

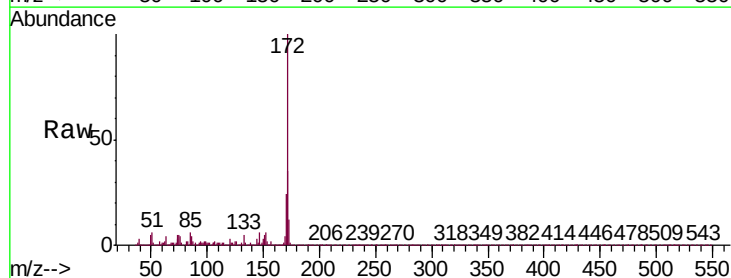


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

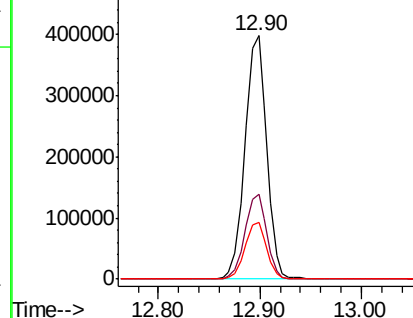
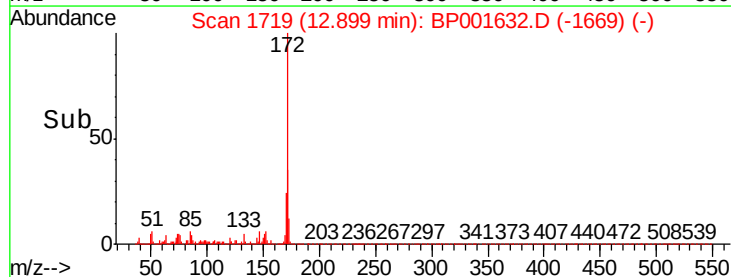


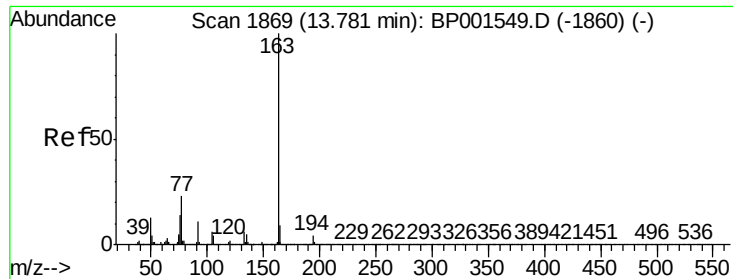
#45
 2-Fluorobiphenyl
 Concen: 102.509 ng
 RT: 12.90 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BP001632.D
 Acq: 16 Jan 2020 17:35

Tgt Ion:172 Resp: 593272
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.6 41.4
 170 23.5 18.3 27.5



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: 6.611 ng

RT: 13.74 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BP001632.D

Acq: 16 Jan 2020 17:35

Instrument :

BNA_P

ClientSampleId :

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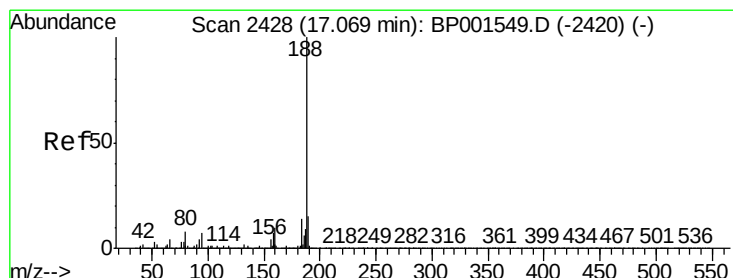
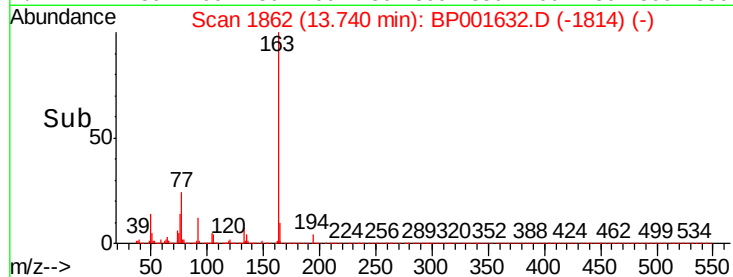
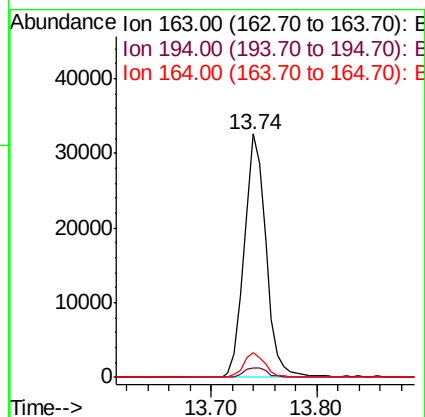
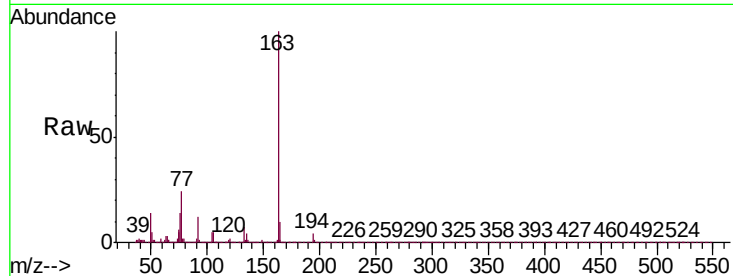
Tgt Ion:163 Resp: 46332

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

164 10.2 7.5 11.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BP001632.D

Acq: 16 Jan 2020 17:35

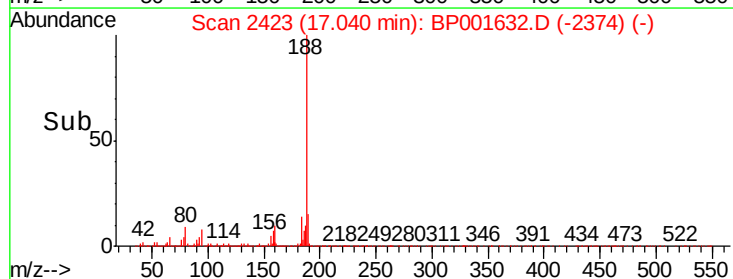
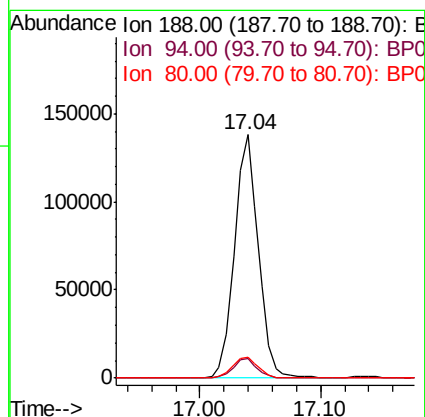
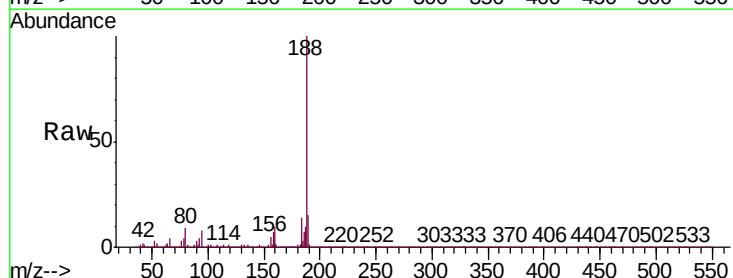
Tgt Ion:188 Resp: 190556

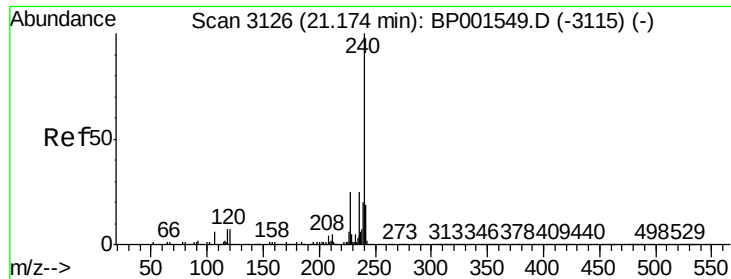
Ion Ratio Lower Upper

188 100

94 7.9 5.9 8.9

80 8.7 6.8 10.2

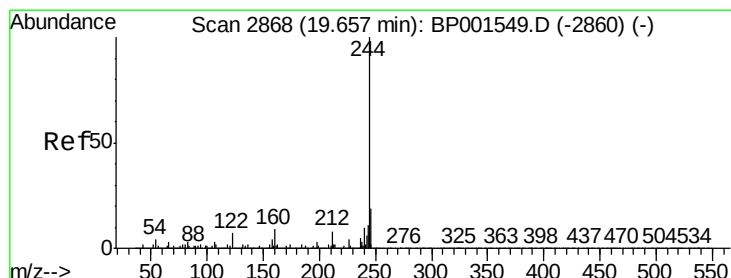
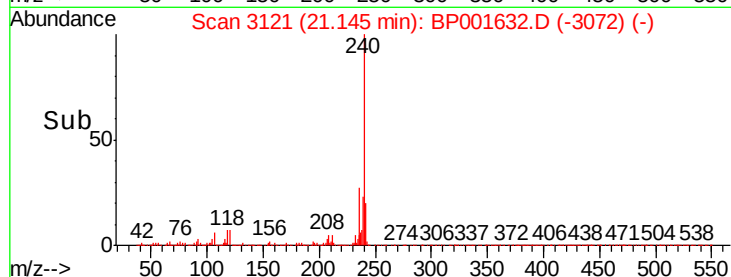
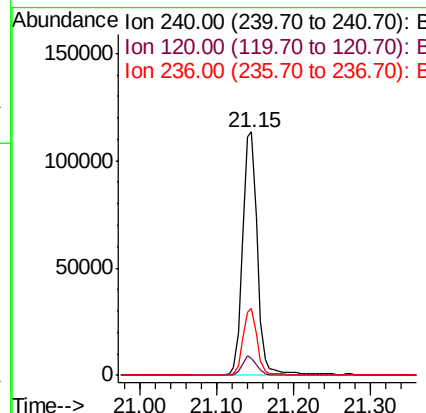
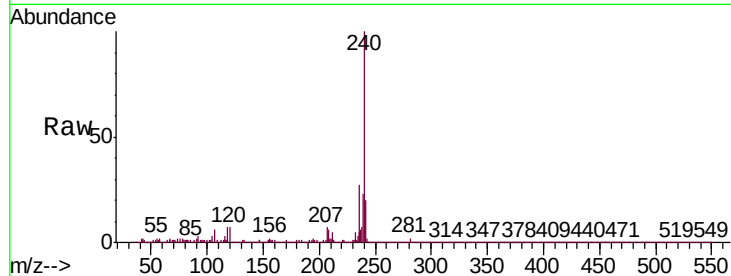




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BP001632.D
Acq: 16 Jan 2020 17:35

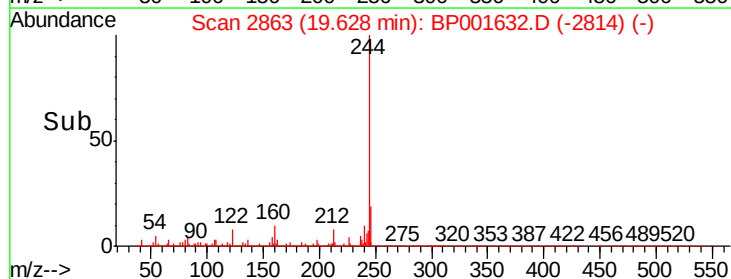
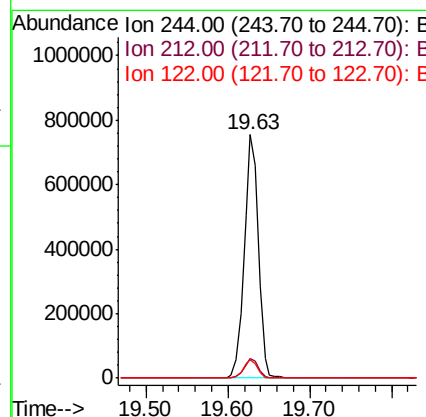
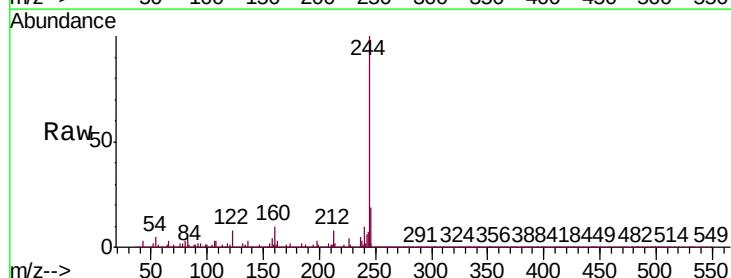
Instrument :
BNA_P
ClientSampleId :
MH-109

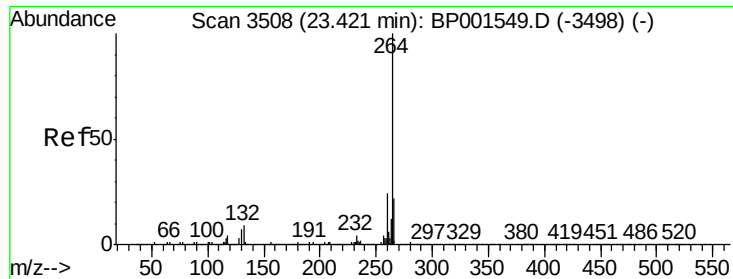
Tgt Ion:240 Resp: 153678
Ion Ratio Lower Upper
240 100
120 7.1 5.7 8.5
236 27.3 20.4 30.6



#79
Terphenyl-d14
Concen: 107.908 ng
RT: 19.63 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BP001632.D
Acq: 16 Jan 2020 17:35

Tgt Ion:244 Resp: 906660
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 7.6 5.8 8.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BP001632.D
Acq: 16 Jan 2020 17:35

Instrument :
BNA_P
ClientSampleId :
MH-109

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.6
265	20.1	18.2	27.4

