

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000384.D
 Acq On : 24 Sep 2019 15:22
 Operator : JU
 Sample : K4978-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 Z2-0163

Quant Time: Sep 24 17:08:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

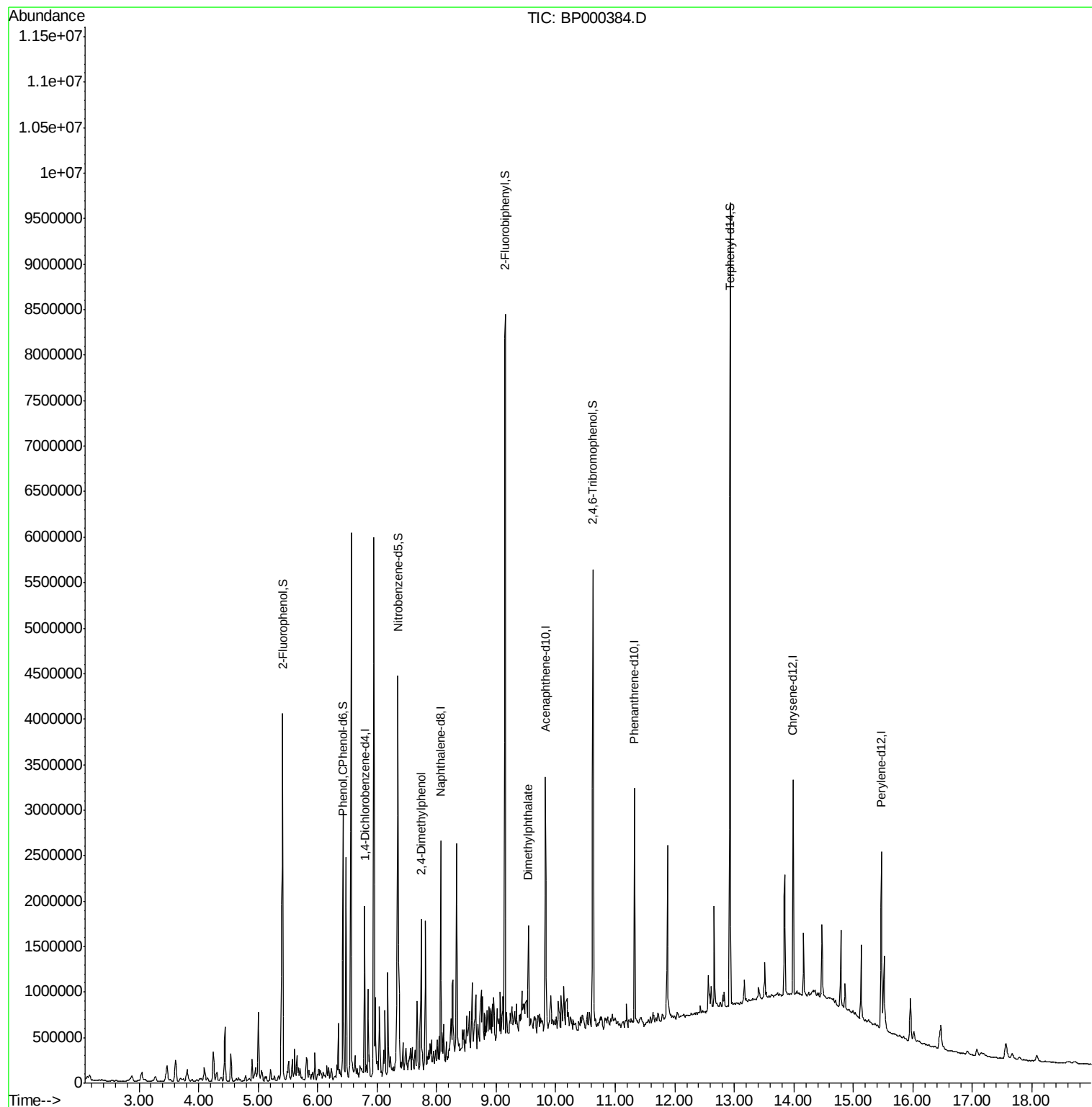
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	246752	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	869506	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	489790	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	886795	20.00	ng	0.00
76) Chrysene-d12	13.99	240	790905	20.00	ng	-0.01
87) Perylene-d12	15.47	264	875956	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1246928	87.24	ng	0.00
7) Phenol-d6	6.42	99	1087513	62.07	ng	0.00
23) Nitrobenzene-d5	7.35	82	1299832	96.45	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	730076	150.28	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2593487	95.30	ng	0.00
79) Terphenyl-d14	12.93	244	3329364	88.31	ng	0.00
Target Compounds						
10) Phenol	6.43	94	62666	3.148	ng	89
27) 2,4-Dimethylphenol	7.74	122	252367	21.350	ng	# 91
50) Dimethylphthalate	9.55	163	451563	13.532	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

Instrument :

BNA_P

ClientSampleId :

Z2-0163

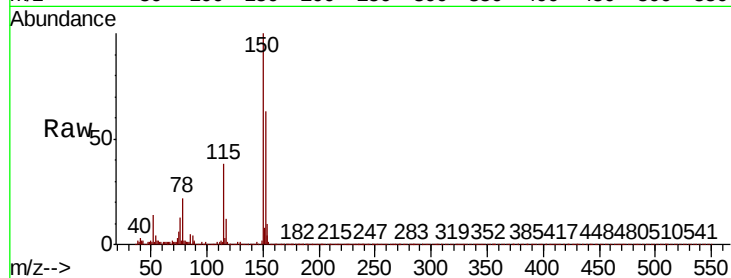
Tot Ion:152 Resp: 246752

Ion Ratio Lower Upper

152 100

150 158.2 125.2 187.8

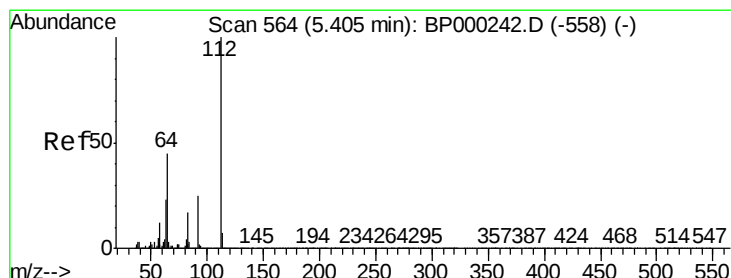
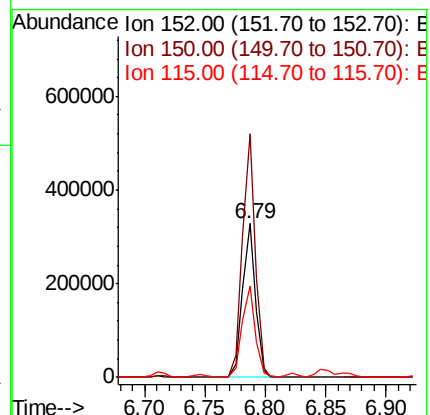
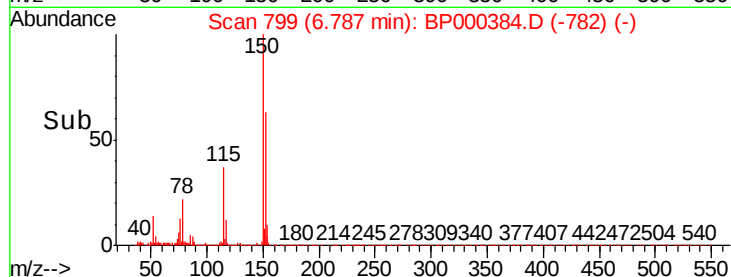
115 59.4 49.7 74.5



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: 87.239 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

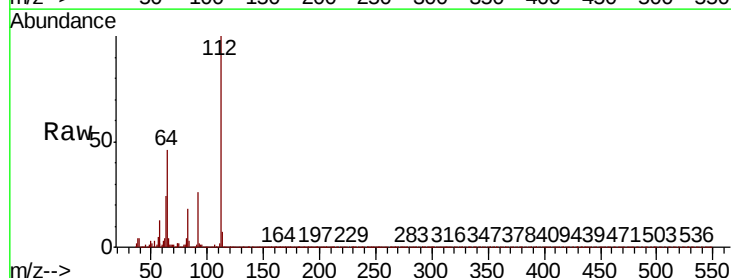
Tgt Ion:112 Resp: 1246928

Ion Ratio Lower Upper

112 100

64 46.2 36.2 54.4

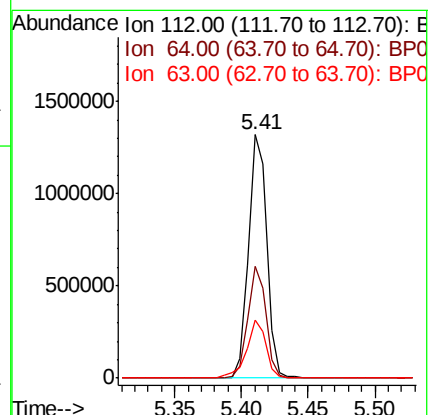
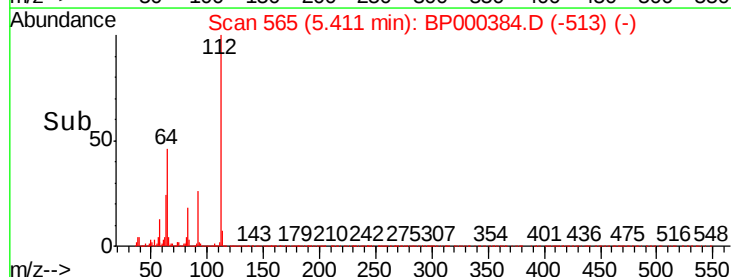
63 23.7 18.3 27.5

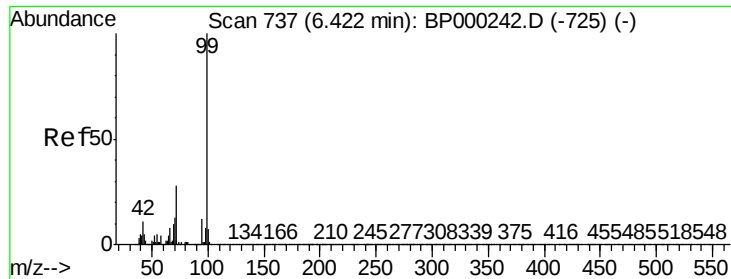


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 62.071 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

Instrument :

BNA_P

ClientSampleId :

Z2-0163

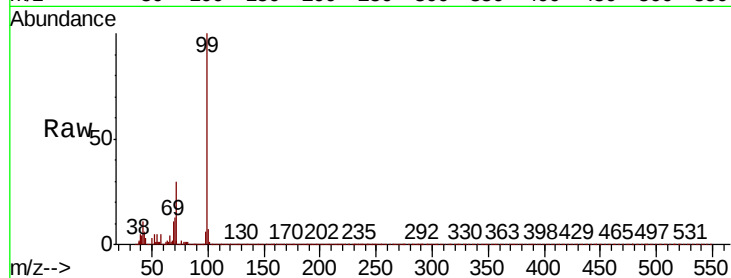
Tot Ion: 99 Resp: 1087513

Ion Ratio Lower Upper

99 100

42 11.5 8.5 12.7

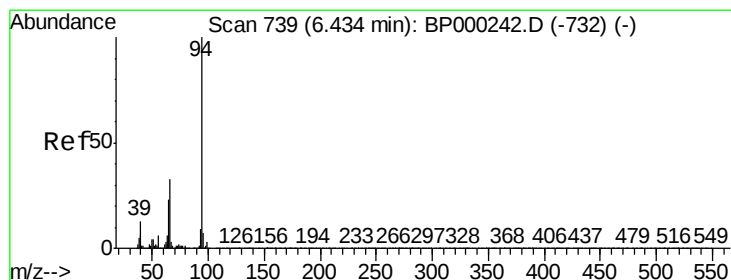
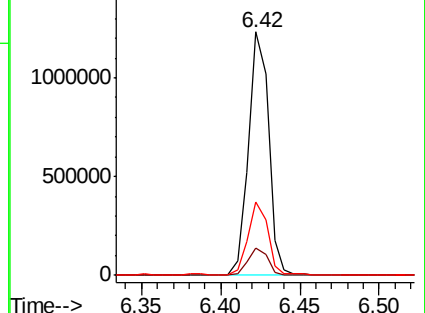
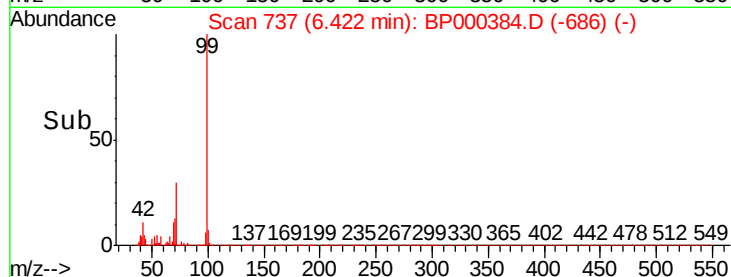
71 30.1 22.6 34.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 3.148 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

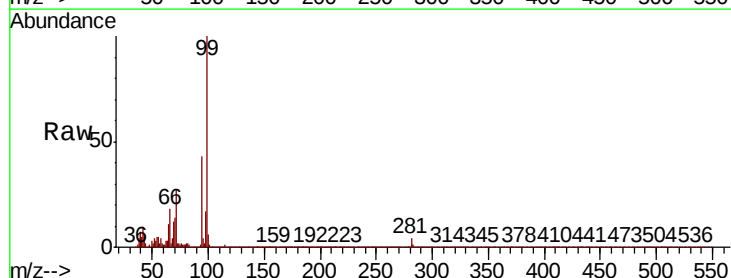
Tgt Ion: 94 Resp: 62666

Ion Ratio Lower Upper

94 100

65 25.7 3.3 43.3

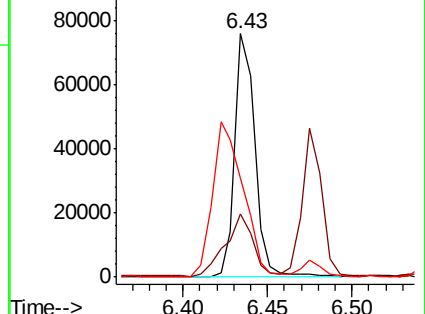
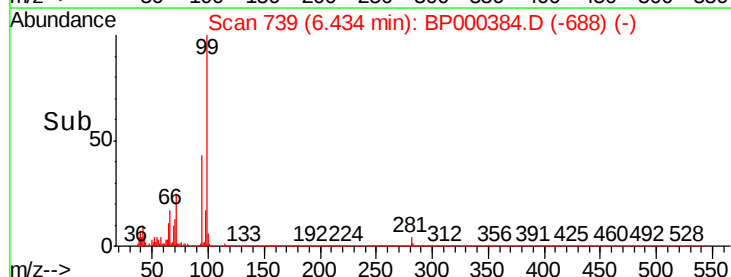
66 40.9 12.7 52.7

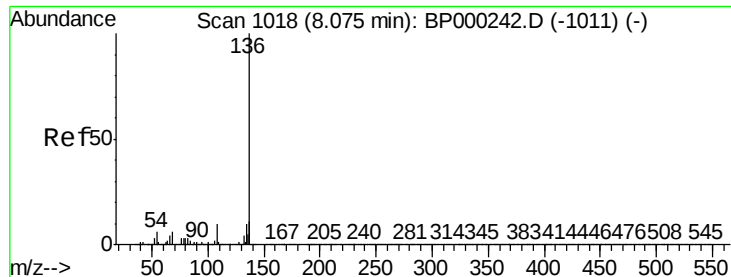


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

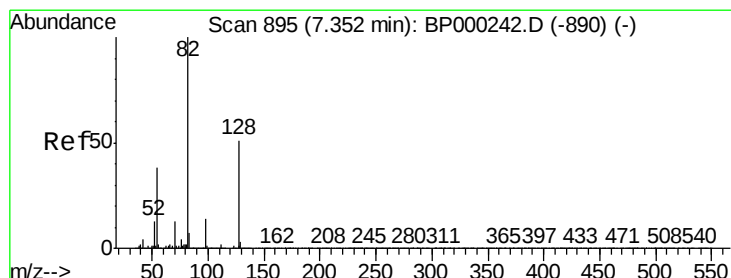
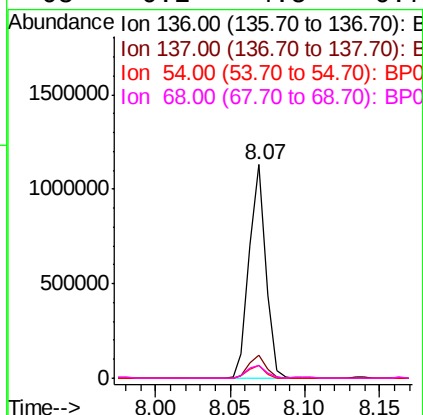
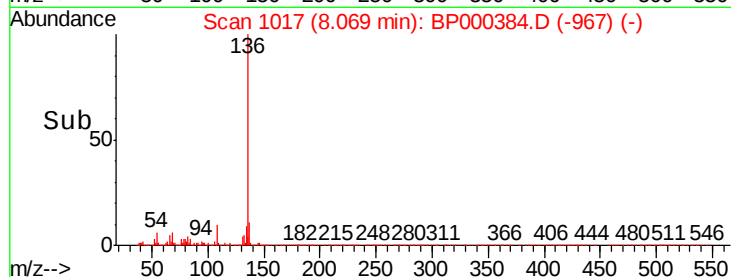
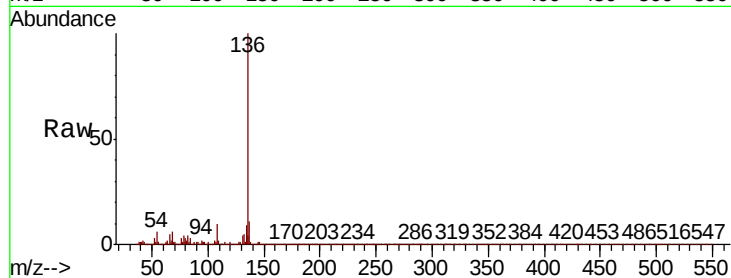




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000384.D
Acq: 24 Sep 2019 15:22

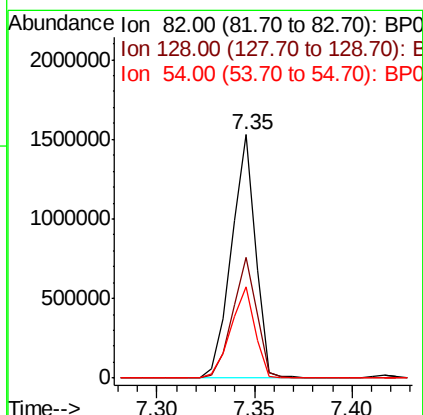
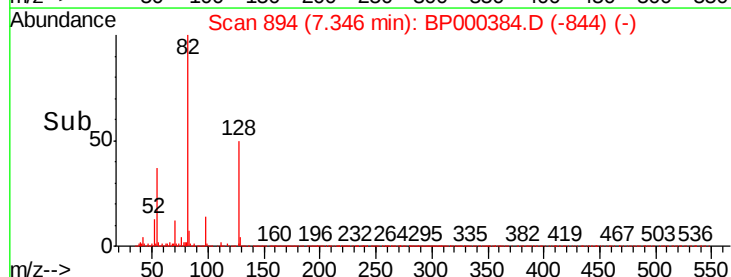
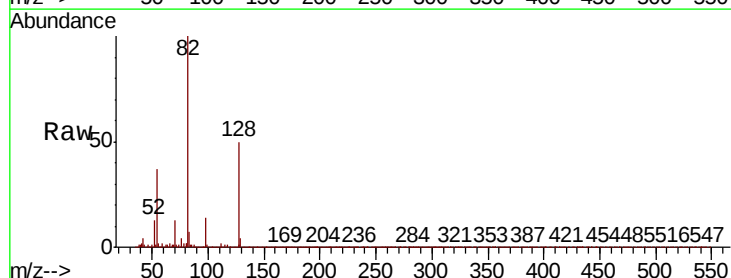
Instrument :
BNA_P
ClientSampleId :
Z2-0163

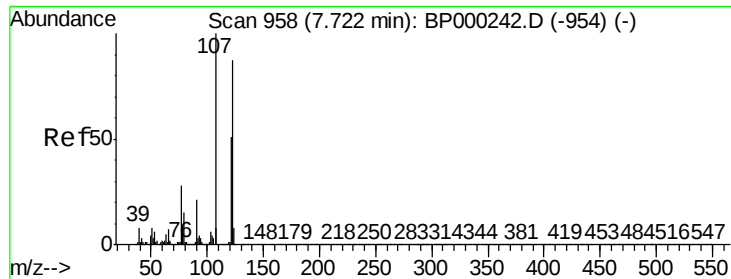
Tot Ion:136	Resp:	869506
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.6	13.0
54 6.0	4.5	6.7
68 6.2	4.5	6.7



#23
Nitrobenzene-d5
Concen: 96.451 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000384.D
Acq: 24 Sep 2019 15:22

Tgt Ion: 82	Resp: 1299832
Ion Ratio	Lower Upper
82 100	
128 49.8	40.7 61.1
54 37.5	30.1 45.1

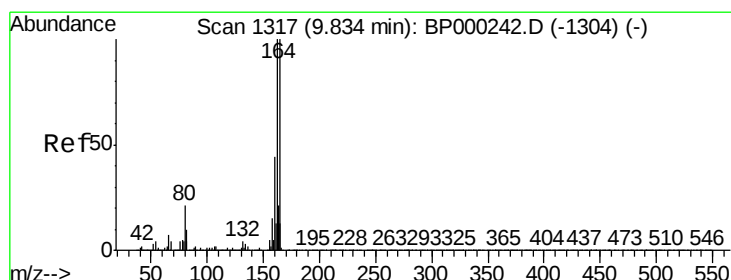
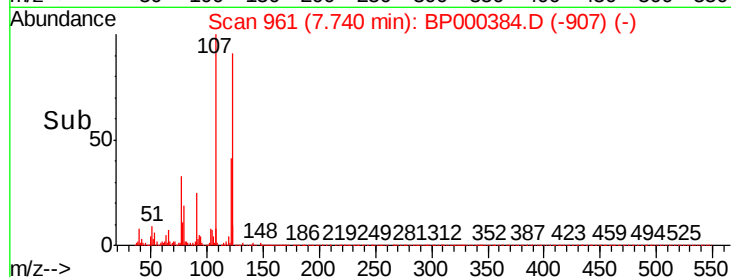
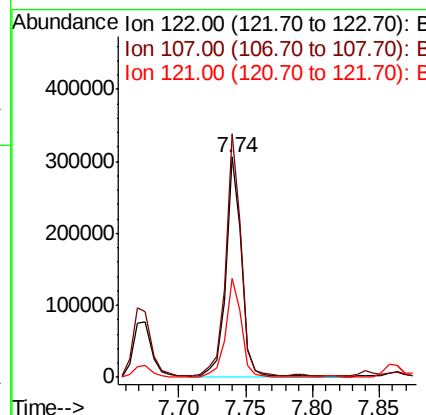
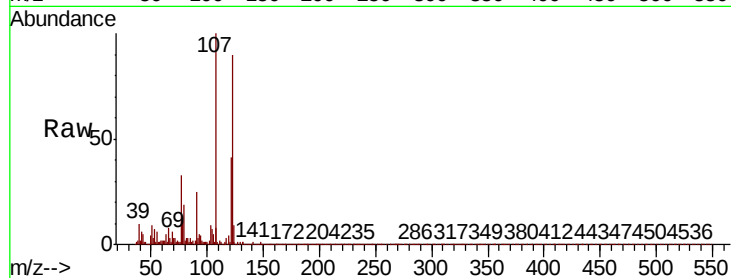




#27
2,4-Dimethylphenol
Concen: 21.350 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.02 min
Lab File: BP000384.D
Acq: 24 Sep 2019 15:22

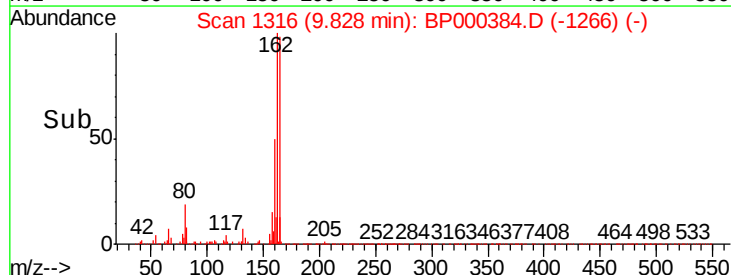
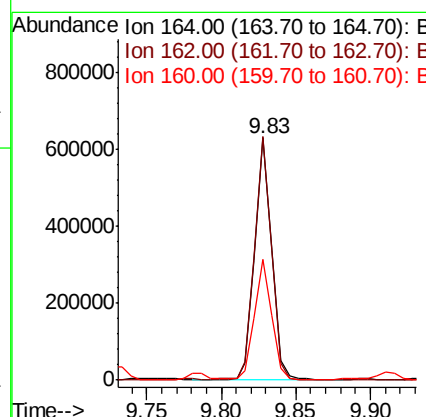
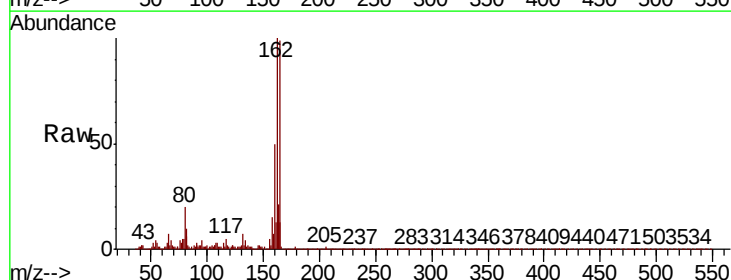
Instrument :
BNA_P
ClientSampleId :
Z2-0163

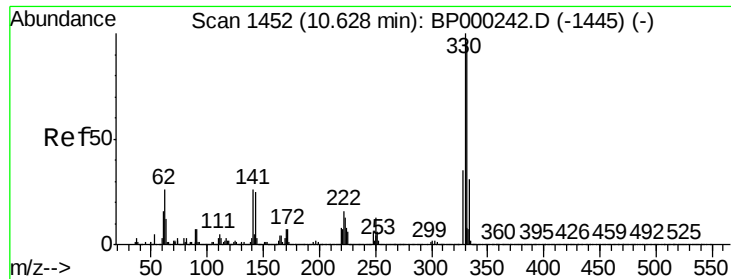
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.6	91.5	137.3
121	45.0	46.9	70.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000384.D
Acq: 24 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.9	119.9
160	49.9	35.6	53.4

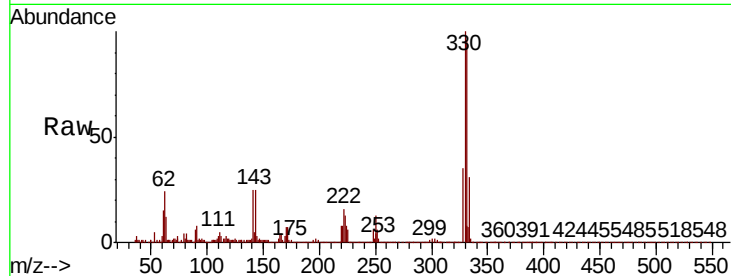




#42
2,4,6-Tribromophenol
Concen: 150.282 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000384.D
Acq: 24 Sep 2019 15:22

Instrument :
BNA_P
ClientSampleId :
Z2-0163

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	32.1	26.5	39.7

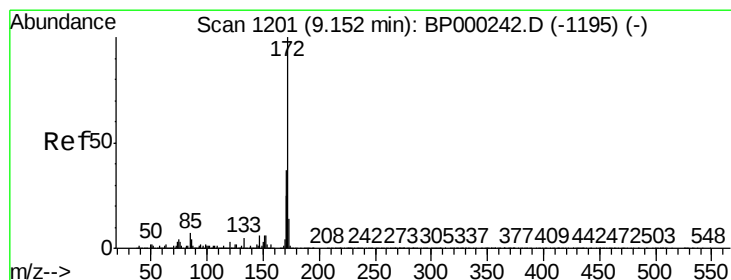
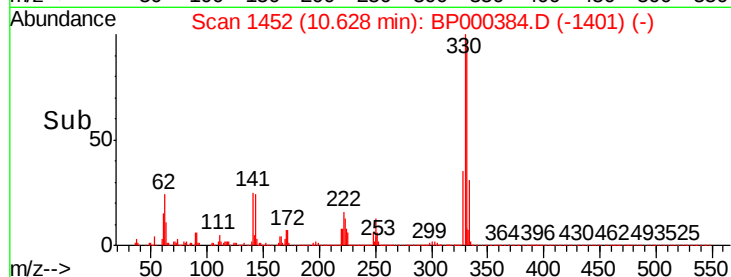
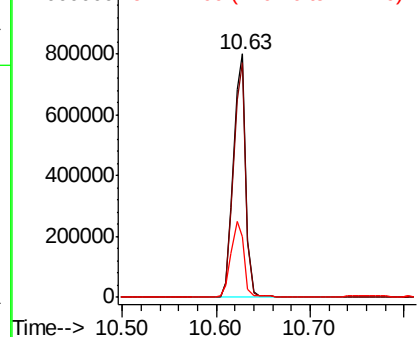


Abundance

Ion 329.80 (329.50 to 330.50): E

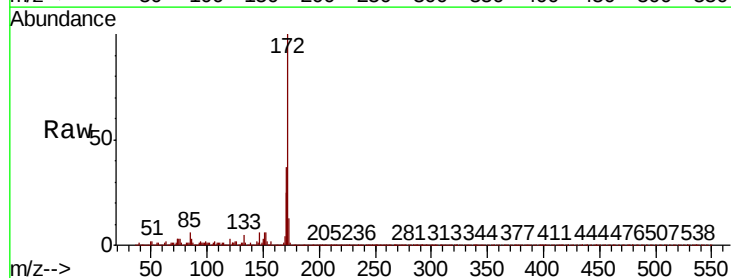
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 95.302 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000384.D
Acq: 24 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	24.6	19.8	29.6

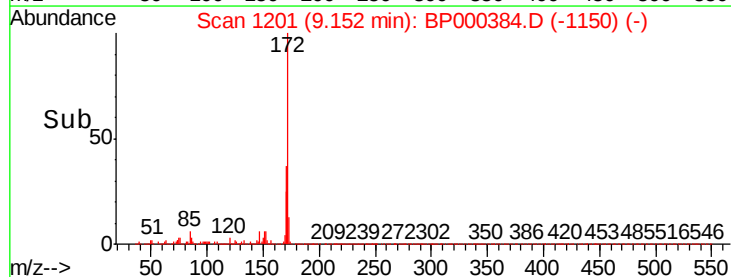
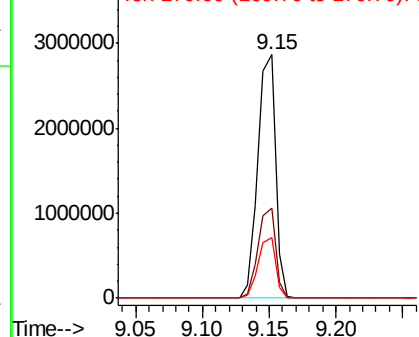


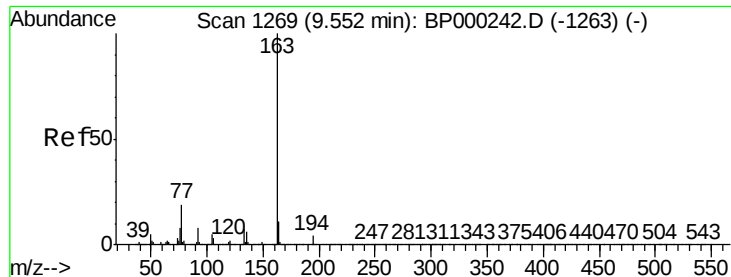
Abundance

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: 13.532 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

Instrument :

BNA_P

ClientSampleId :

Z2-0163

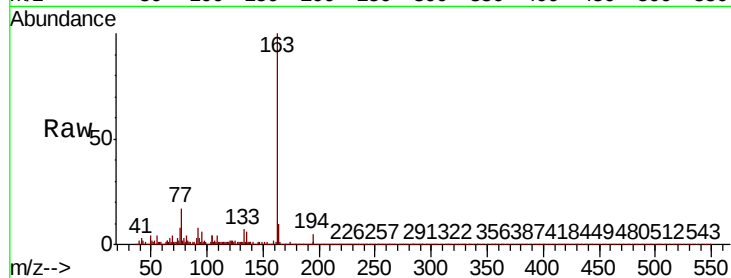
Tot Ion:163 Resp: 451563

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

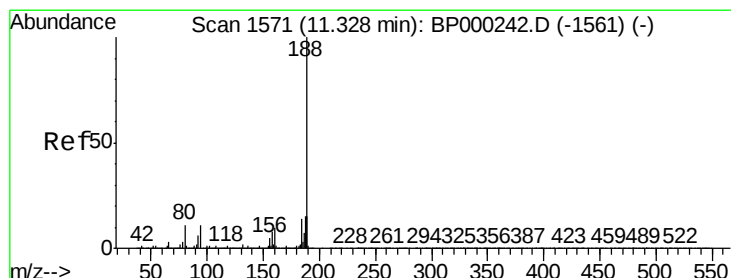
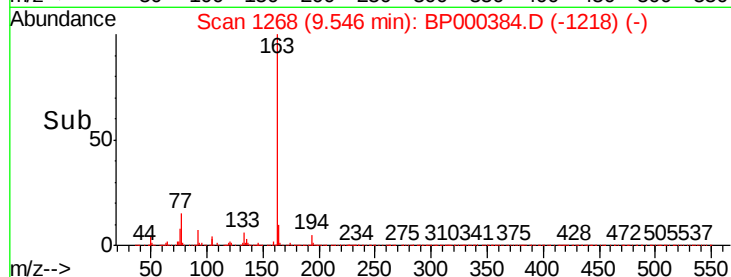
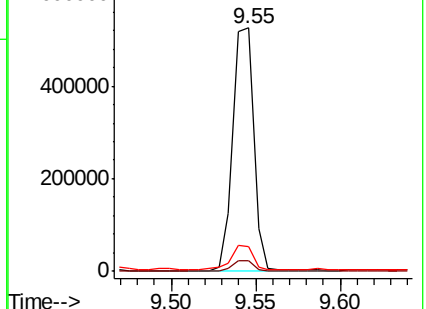
164 10.2 8.5 12.7



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: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BP000384.D

Acq: 24 Sep 2019 15:22

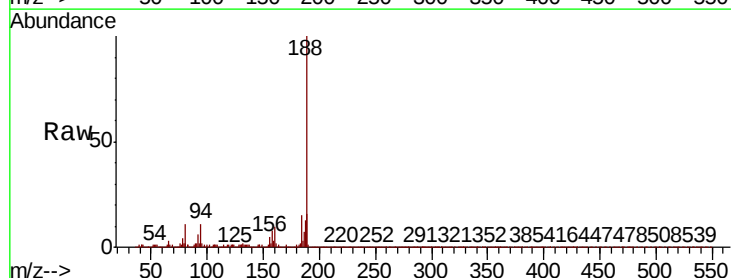
Tgt Ion:188 Resp: 886795

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

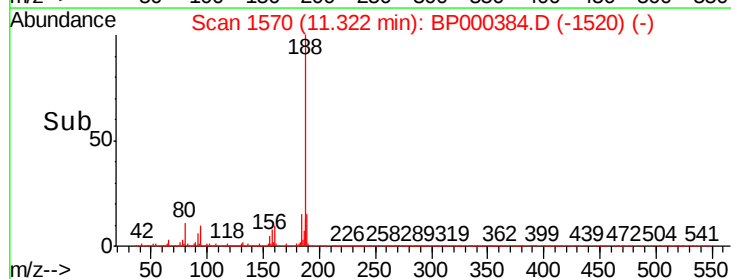
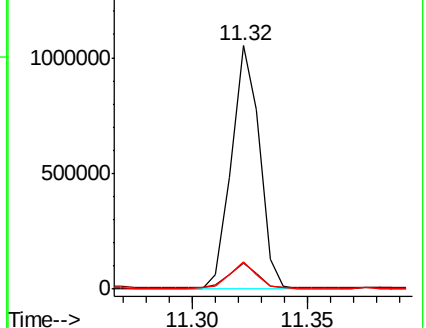
80 11.1 8.6 13.0

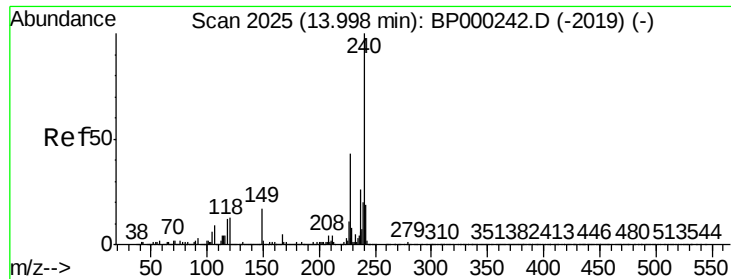


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

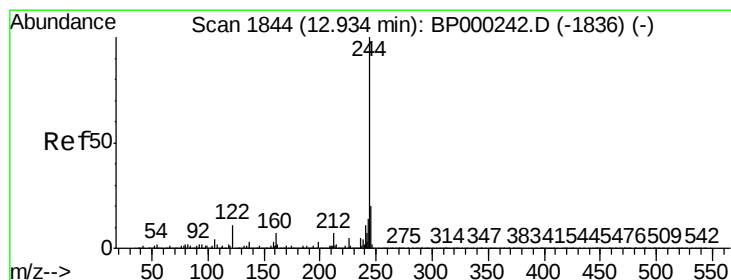
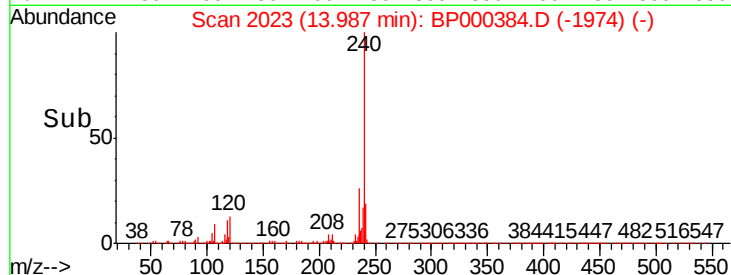
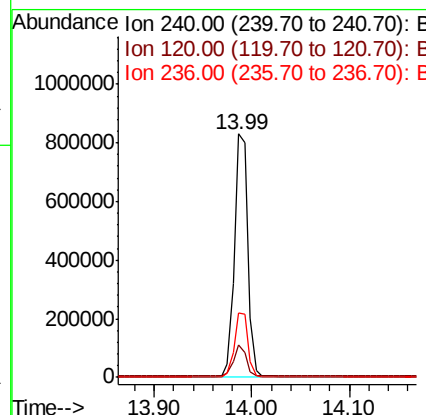
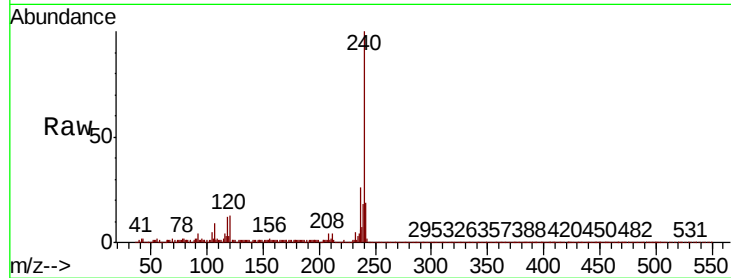




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BP000384.D
 Acq: 24 Sep 2019 15:22

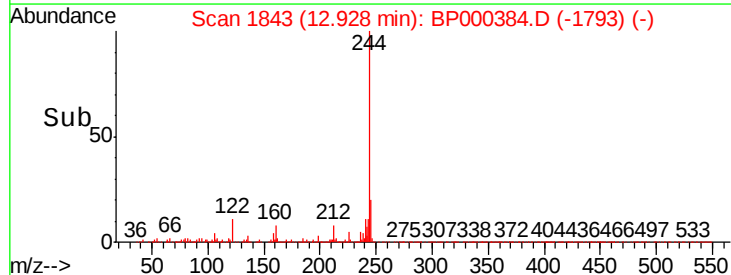
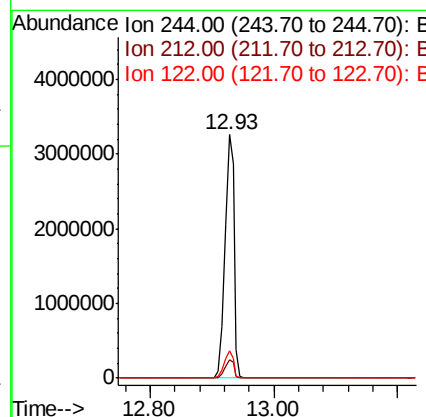
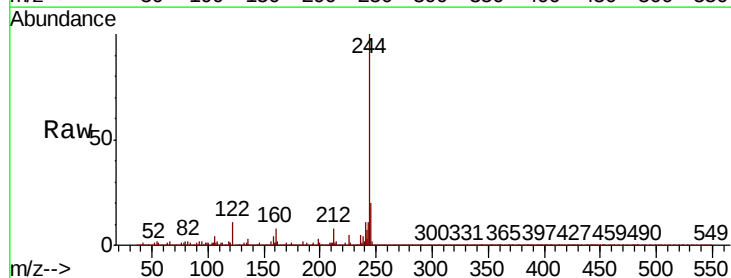
Instrument :
 BNA_P
 ClientSampleId :
 Z2-0163

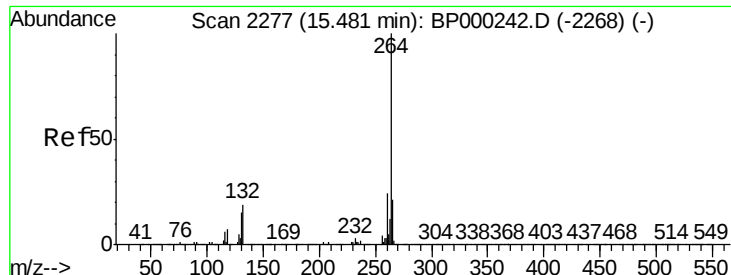
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.2	10.4	15.6
236	26.4	21.0	31.6



#79
 Terphenyl-d14
 Concen: 88.310 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000384.D
 Acq: 24 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	11.2	9.0	13.4

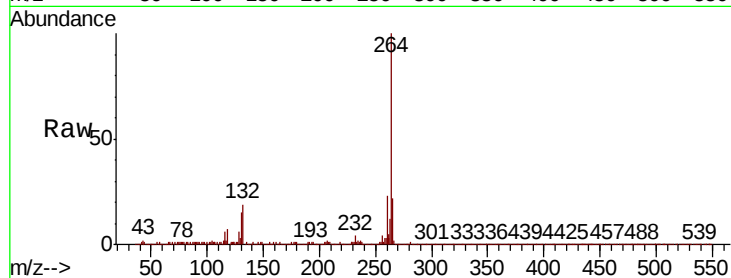




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP000384.D
Acq: 24 Sep 2019 15:22

Instrument :
BNA_P
ClientSampleId :
Z2-0163

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.8	17.2	25.8



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

