

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121119\
 Data File : BP001318.D
 Acq On : 11 Dec 2019 18:29
 Operator : JU
 Sample : K6247-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT3465

Quant Time: Dec 12 06:41:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

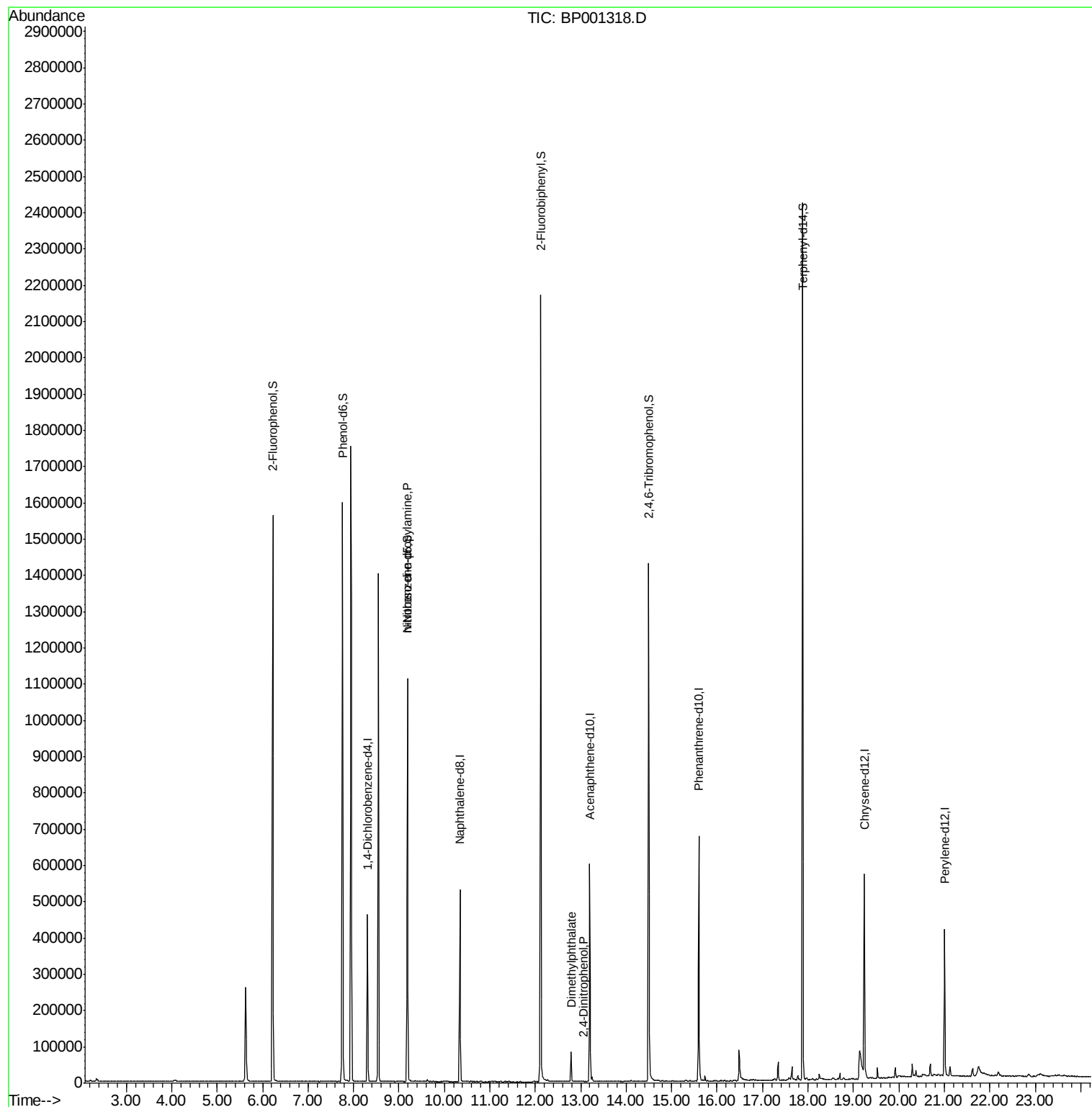
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	71607	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	267273	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	159849	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	303624	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	207789	20.00	ng	-0.02
87) Perylene-d12	21.01	264	210045	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	465374	107.82	ng	0.01
7) Phenol-d6	7.76	99	650229	113.08	ng	0.00
23) Nitrobenzene-d5	9.19	82	457749	74.31	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	189164	123.46	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	829003	75.90	ng	-0.01
79) Terphenyl-d14	17.88	244	945308	84.17	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.76	77	1551	Below Cal		Qvalue # 7
19) n-Nitroso-di-n-propylamine	9.19	70	68069	16.406 ng		# 80
50) Dimethylphthalate	12.79	163	38321	3.205 ng		100
54) 2,4-Dinitrophenol	13.06	184	6	7.114 ng		91

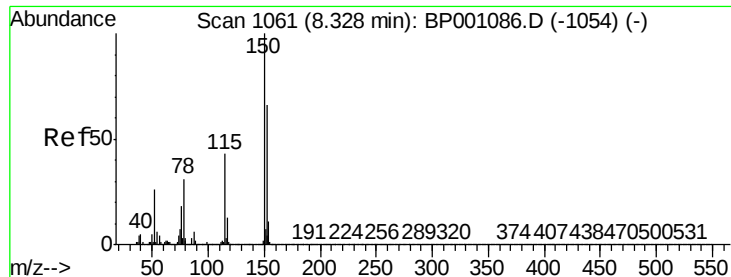
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

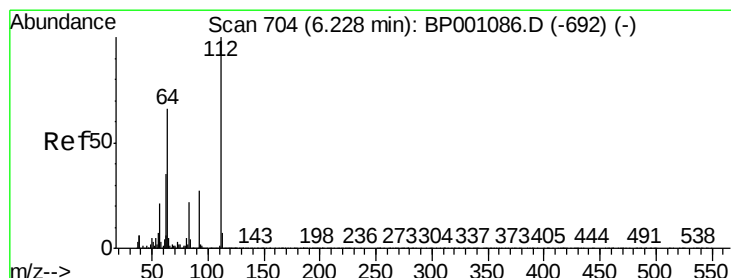
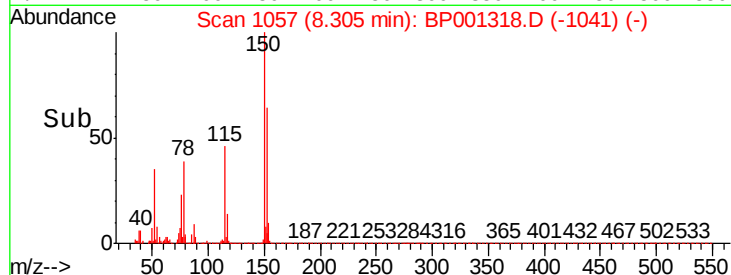
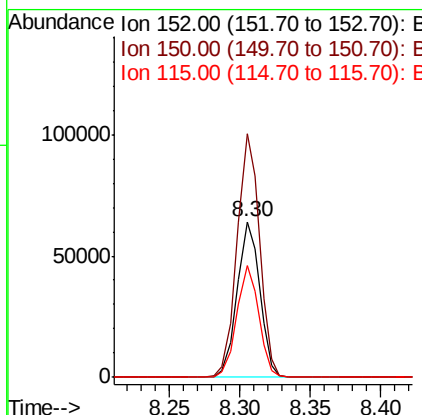
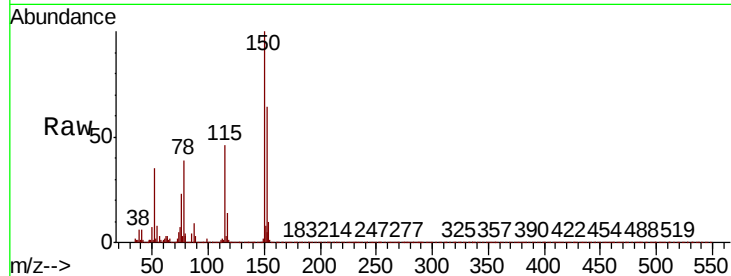




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001318.D
 Acq: 11 Dec 2019 18:29

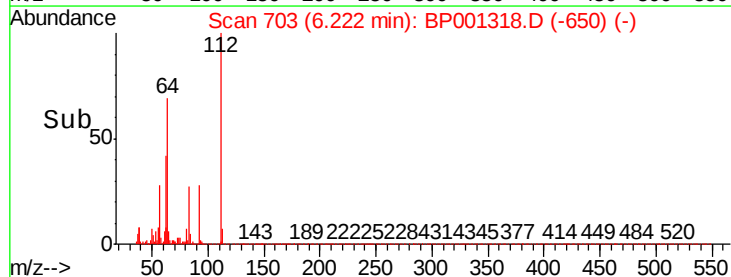
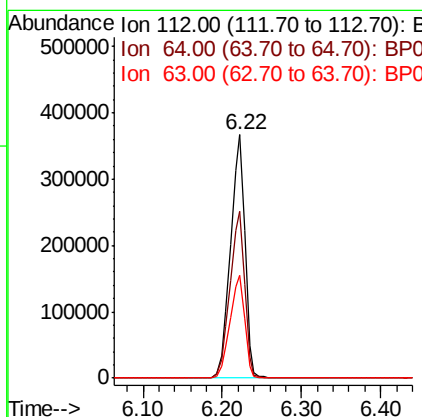
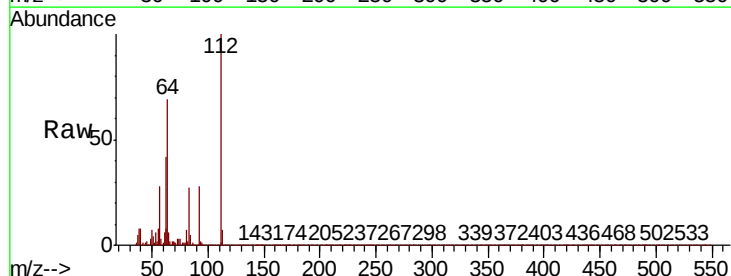
Instrument :
 BNA_P
 ClientSampleId :
 RT3465

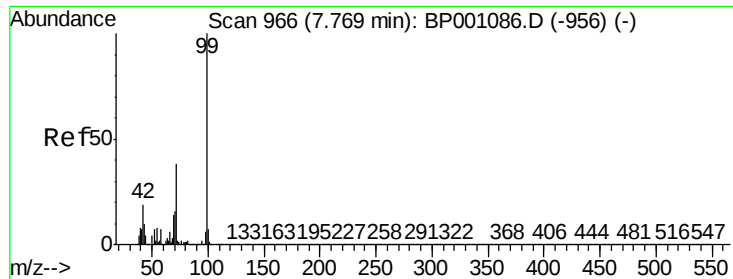
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.3	190.9
115	71.9	56.0	84.0



#5
 2-Fluorophenol
 Concen: 107.824 ng
 RT: 6.22 min Scan# 703
 Delta R.T. 0.01 min
 Lab File: BP001318.D
 Acq: 11 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	56.8	85.2
63	42.3	32.2	48.2





#7

Phenol-d6

Concen: 113.082 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001318.D

Acq: 11 Dec 2019 18:29

Instrument :

BNA_P

ClientSampleId :

RT3465

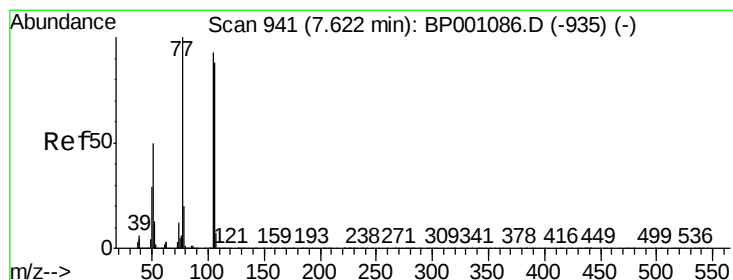
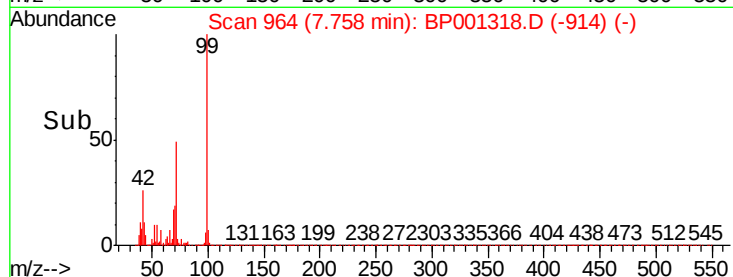
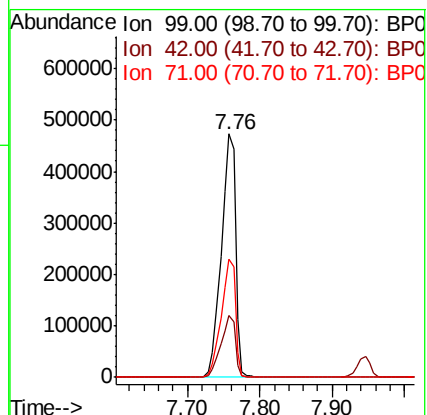
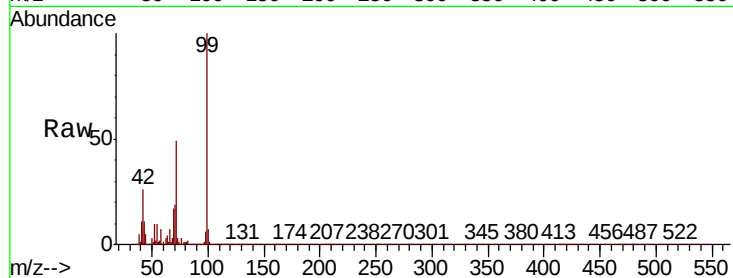
Tot Ion: 99 Resp: 650229

Ion Ratio Lower Upper

99 100

42 25.7 17.6 26.4

71 48.8 33.8 50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.76 min Scan# 964

Delta R.T. 0.15 min

Lab File: BP001318.D

Acq: 11 Dec 2019 18:29

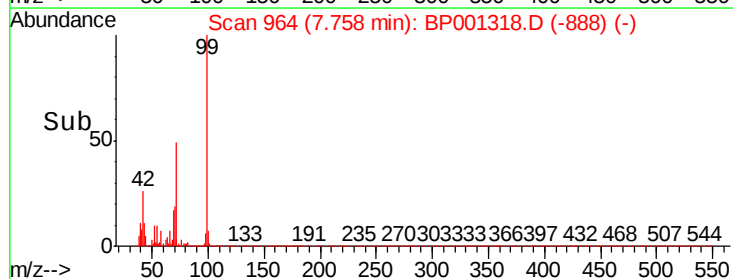
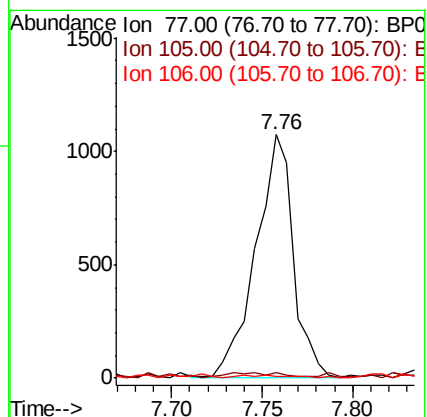
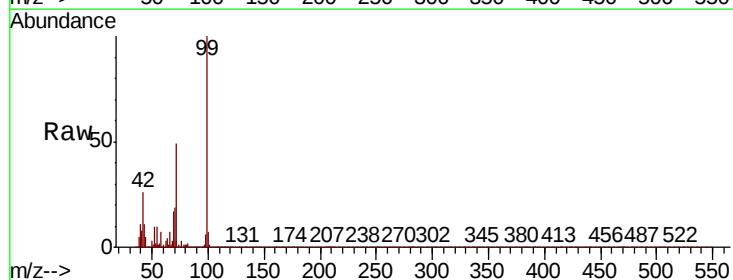
Tgt Ion: 77 Resp: 1551

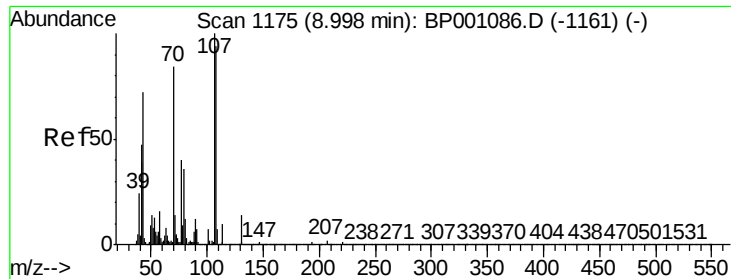
Ion Ratio Lower Upper

77 100

105 2.1 69.7 109.7#

106 2.0 67.1 107.1#

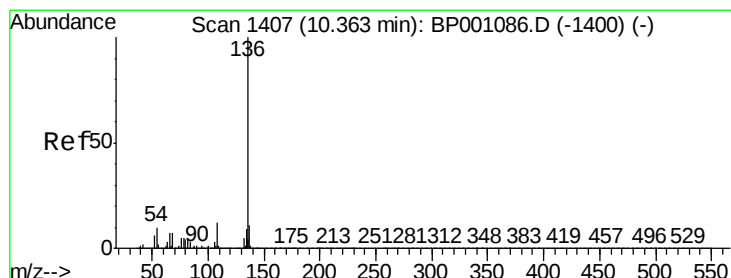
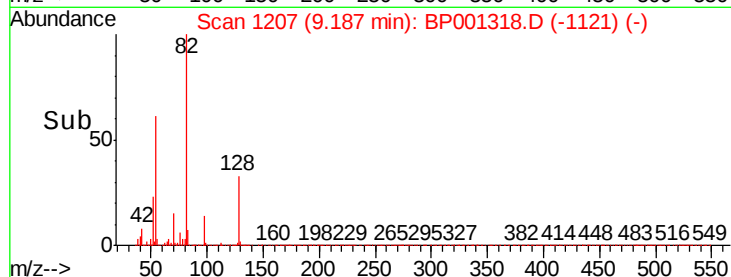
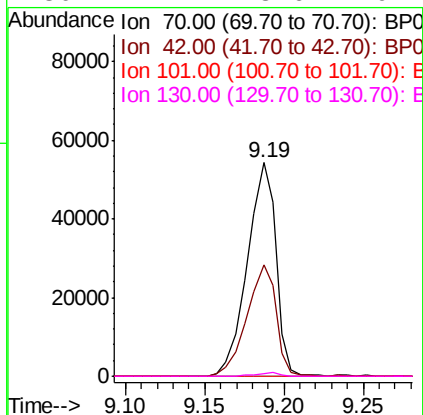
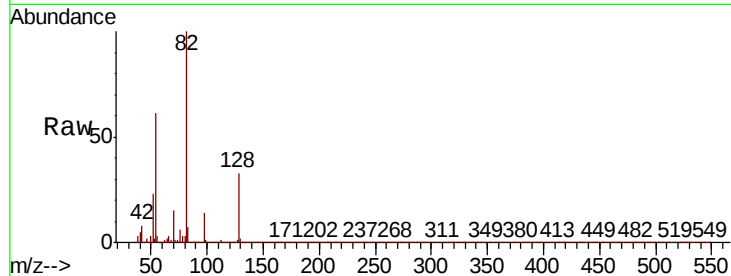




#19
n-Nitroso-di-n-propylamine
Concen: 16.406 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.21 min
Lab File: BP001318.D
Acq: 11 Dec 2019 18:29

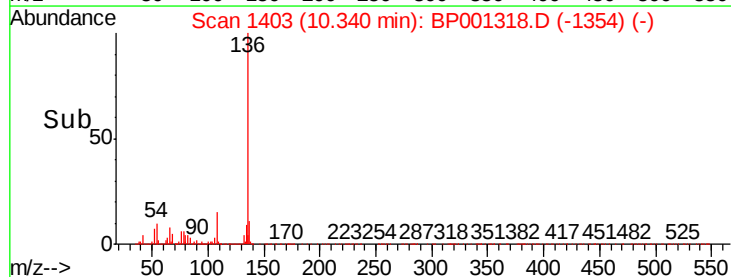
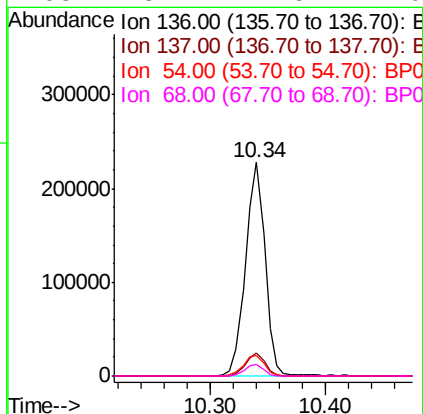
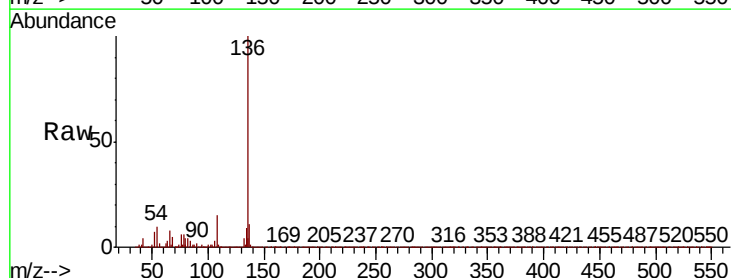
Instrument :
BNA_P
ClientSampleId :
RT3465

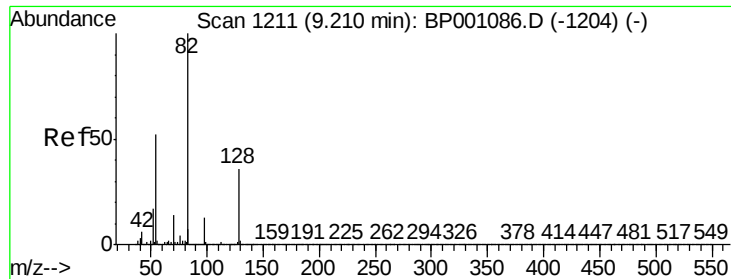
Tot Ion:	70	Resp:	68069
Ion	Ratio	Lower	Upper
70	100		
42	51.9	50.6	76.0
101	0.0	7.1	10.7#
130	1.4	13.6	20.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001318.D
Acq: 11 Dec 2019 18:29

Tgt Ion:	136	Resp:	267273
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.7	7.4	11.0
68	5.2	4.6	7.0

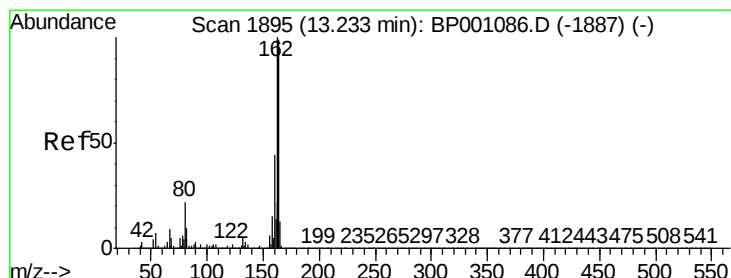
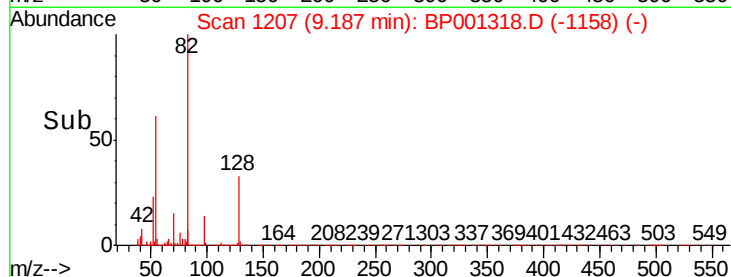
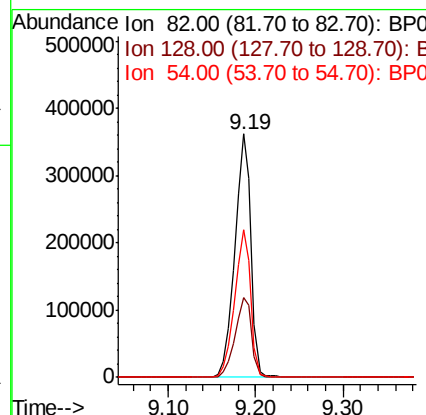
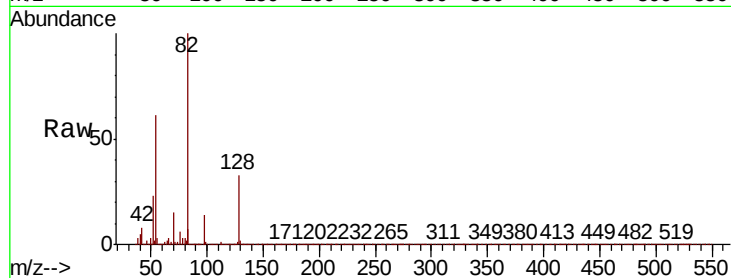




#23
 Nitrobenzene-d5
 Concen: 74.305 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BP001318.D
 Acq: 11 Dec 2019 18:29

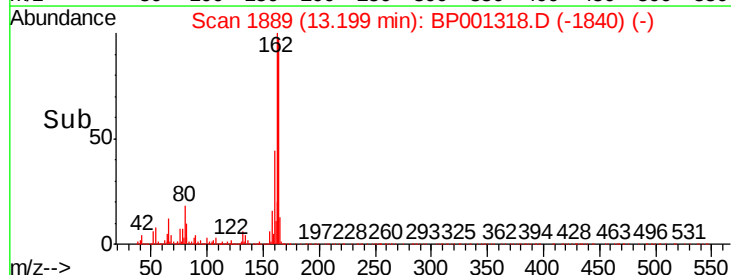
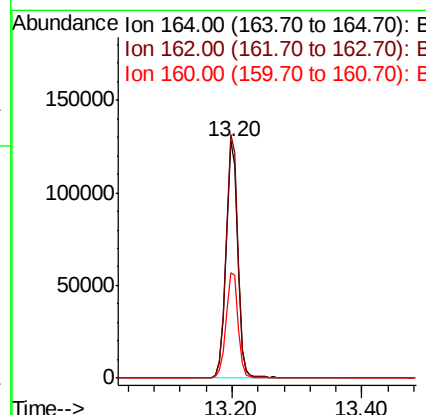
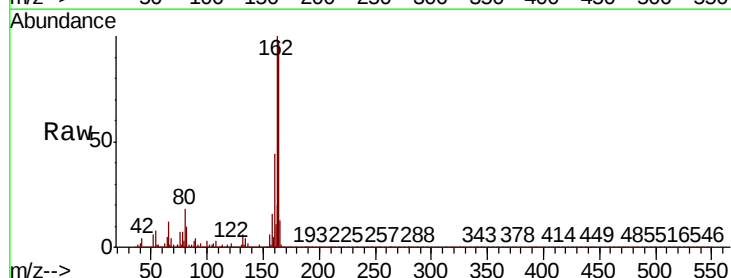
Instrument :
 BNA_P
 ClientSampleId :
 RT3465

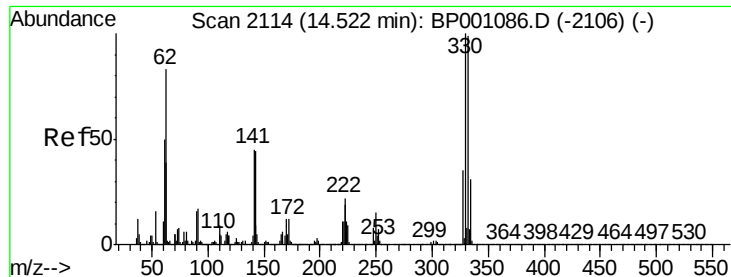
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.8	27.5	41.3
54	60.6	45.7	68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BP001318.D
 Acq: 11 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.7	121.1
160	44.7	36.3	54.5

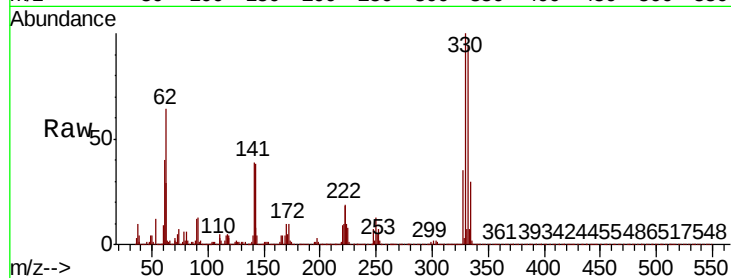




#42
2,4,6-Tribromophenol
Concen: 123.463 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001318.D
Acq: 11 Dec 2019 18:29

Instrument :
BNA_P
ClientSampleId :
RT3465

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.1	118.7
141	44.9	35.9	53.9

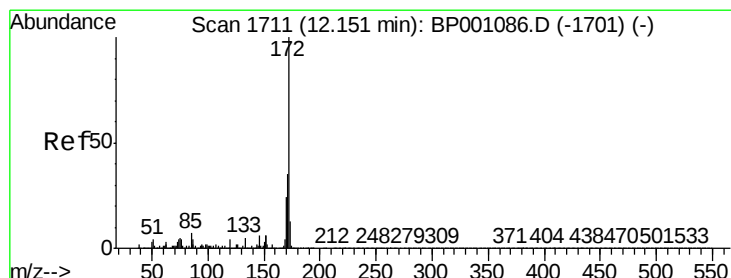
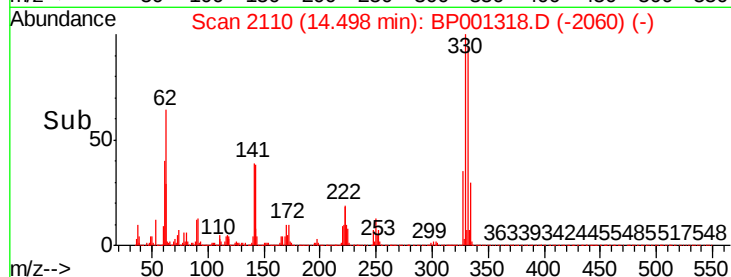
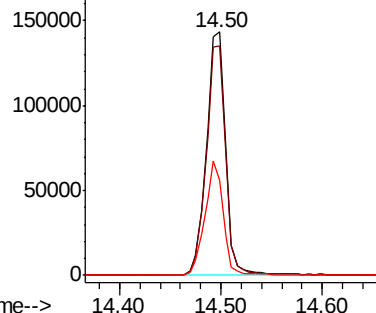


Abundance

Ion 329.80 (329.50 to 330.50): E

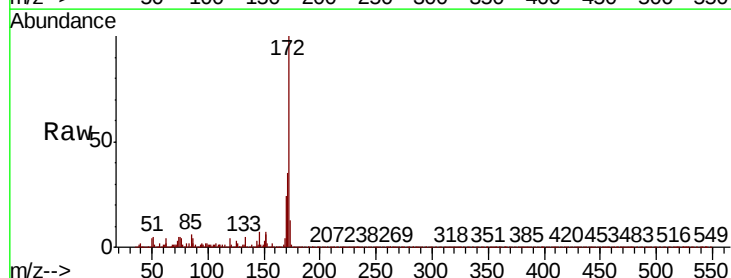
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 75.903 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001318.D
Acq: 11 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	23.9	19.2	28.8

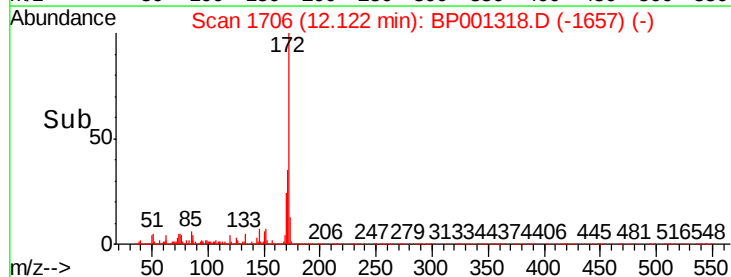
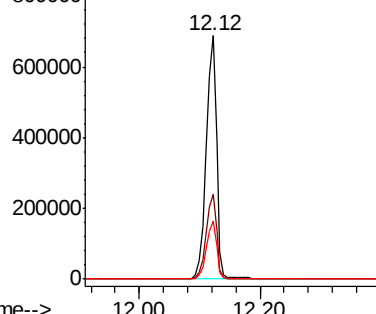


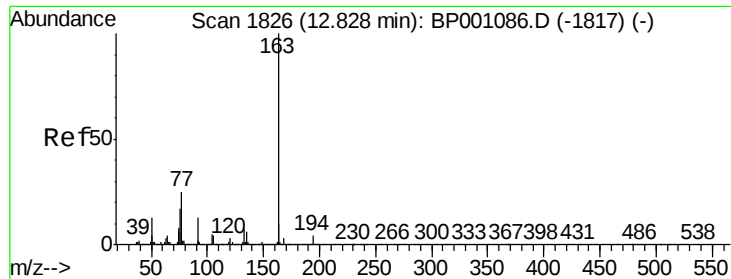
Abundance

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: 3.205 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BP001318.D

Acq: 11 Dec 2019 18:29

Instrument :

BNA_P

ClientSampleId :

RT3465

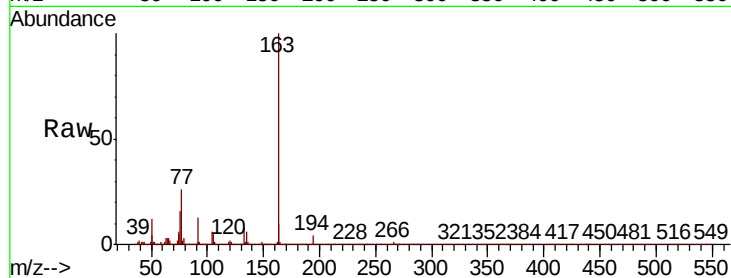
Tot Ion:163 Resp: 38321

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

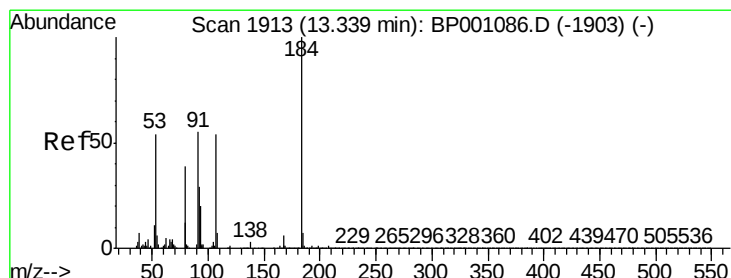
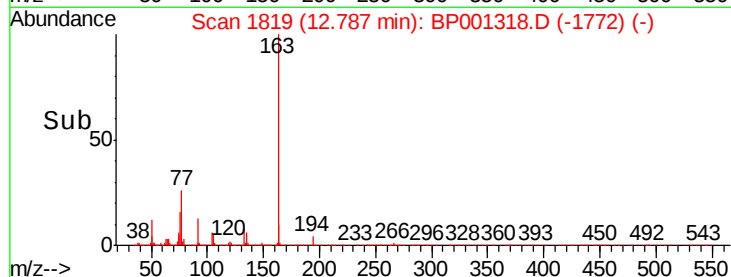
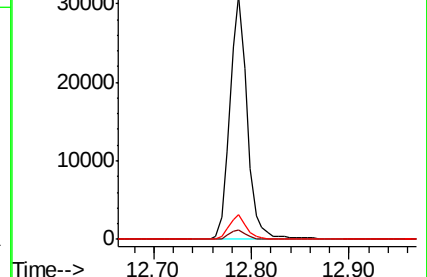
164 10.2 8.2 12.4



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



#54

2,4-Dinitrophenol

Concen: 7.114 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.26 min

Lab File: BP001318.D

Acq: 11 Dec 2019 18:29

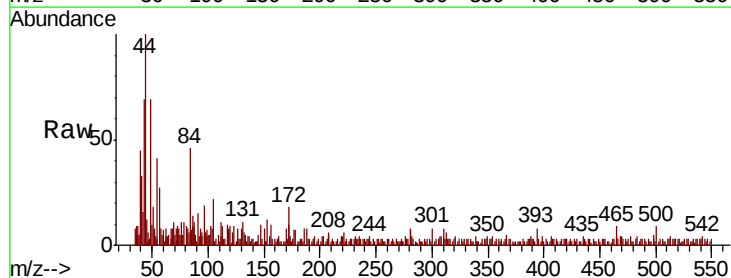
Tgt Ion:184 Resp: 6

Ion Ratio Lower Upper

184 100

63 72.7 69.4 104.0

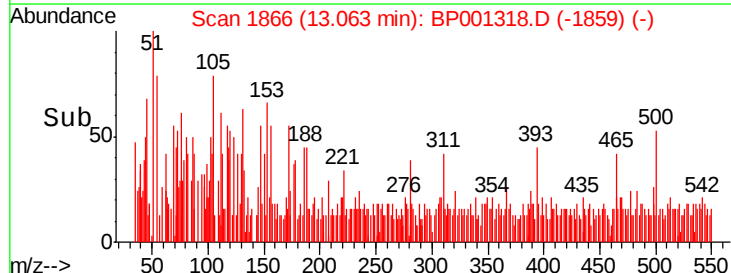
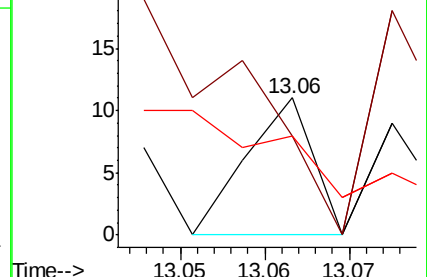
154 72.7 57.4 86.2

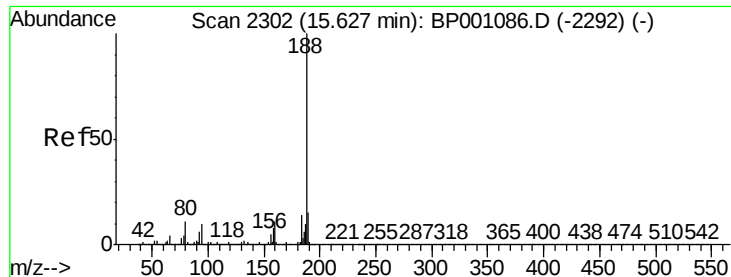


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

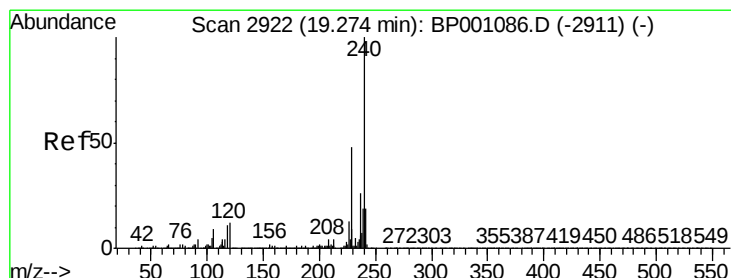
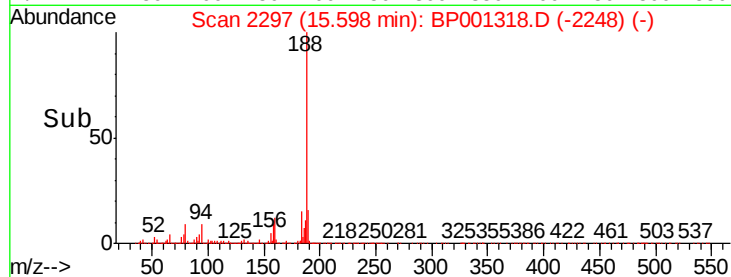
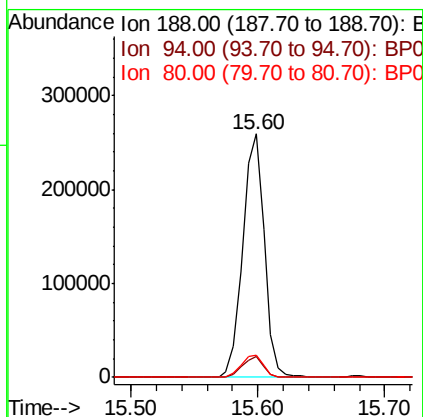
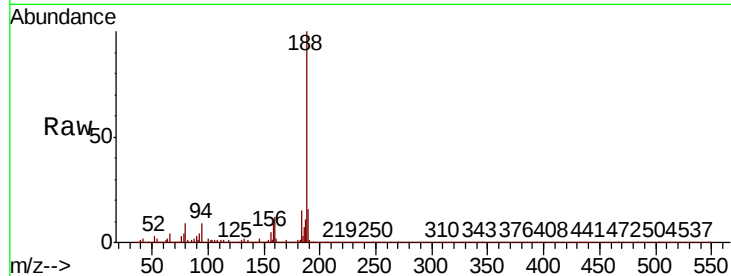




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001318.D
Acq: 11 Dec 2019 18:29

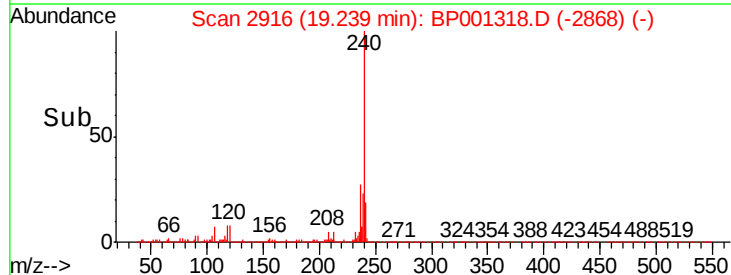
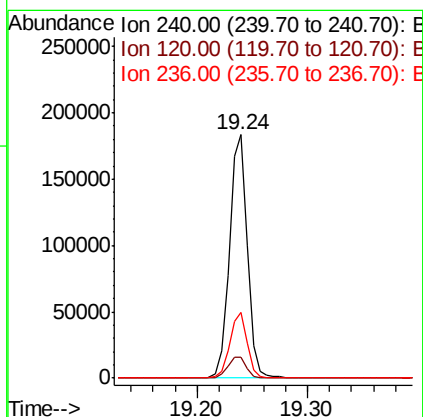
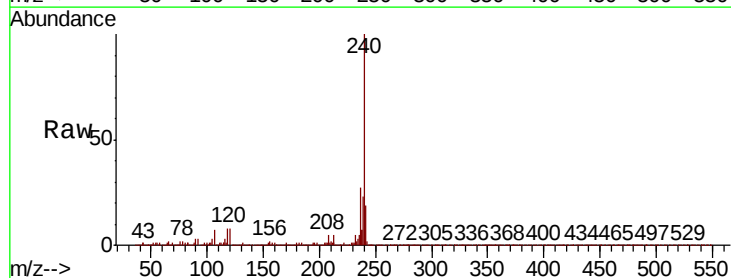
Instrument :
BNA_P
ClientSampleId :
RT3465

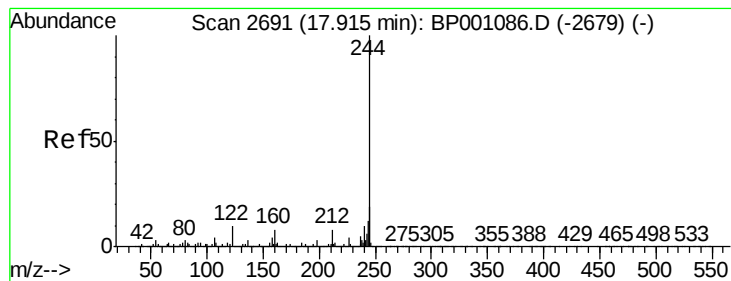
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	8.9	7.8	11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001318.D
Acq: 11 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	26.7	21.7	32.5





#79

Terphenyl-d14

Concen: 84.167 ng

RT: 17.88 min Scan# 2685

Delta R.T. -0.01 min

Lab File: BP001318.D

Acq: 11 Dec 2019 18:29

Instrument :

BNA_P

ClientSampled :

RT3465

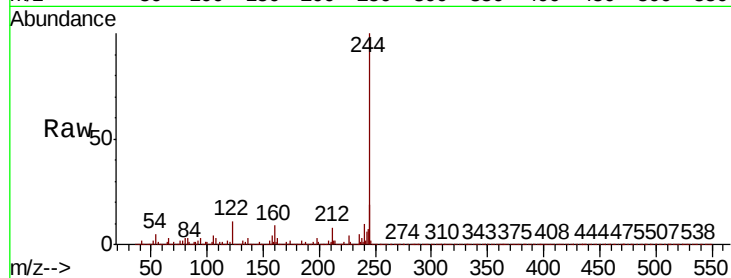
Tot Ion:244 Resp: 945308

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

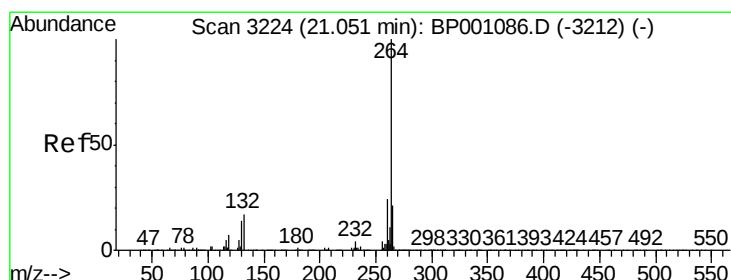
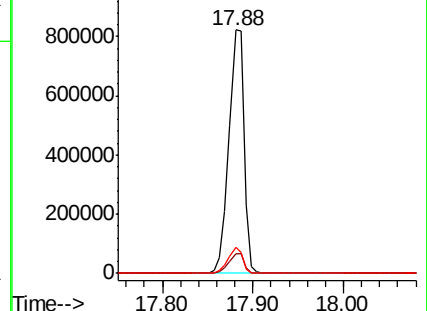
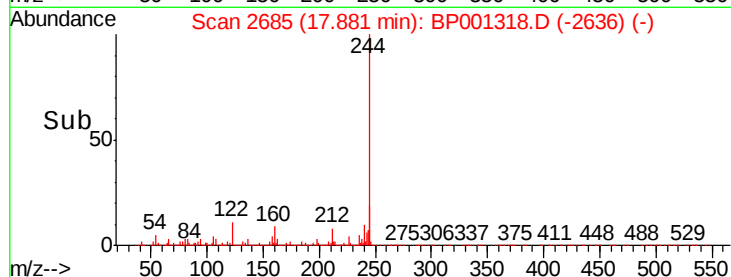
122 10.7 9.2 13.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.01 min Scan# 3217

Delta R.T. -0.02 min

Lab File: BP001318.D

Acq: 11 Dec 2019 18:29

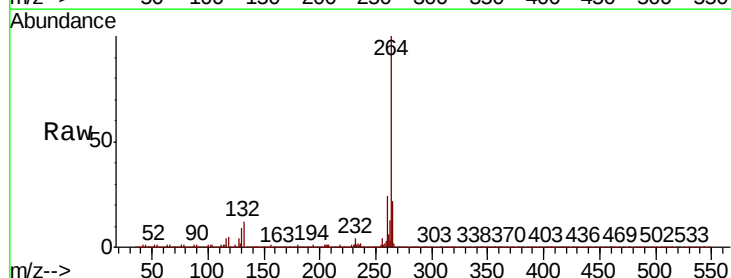
Tgt Ion:264 Resp: 210045

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 21.6 17.1 25.7



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

