

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001185.D
 Acq On : 04 Dec 2019 07:38
 Operator : JU
 Sample : K6014-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 08:43:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

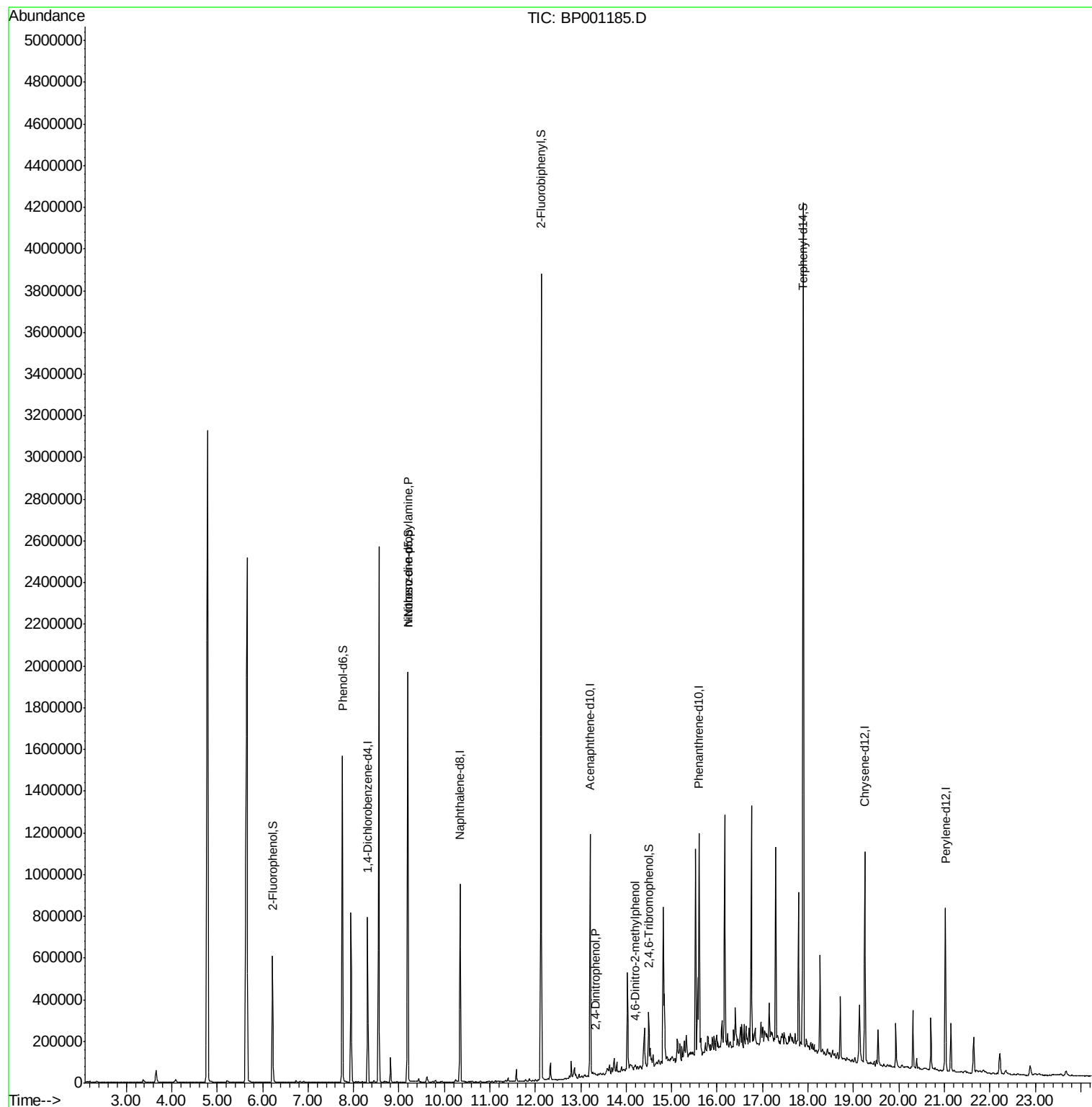
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	133340	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	480663	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	265889	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	491337	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	383338	20.00	ng	-0.02
87) Perylene-d12	21.02	264	411110	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	185194	23.04	ng	-0.01
7) Phenol-d6	7.76	99	629715	58.81	ng	-0.01
23) Nitrobenzene-d5	9.19	82	907270	81.89	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	35339	13.87	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1471026	80.97	ng	-0.02
79) Terphenyl-d14	17.89	244	1629000	78.62	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.61	77	321	Below Cal	#	77
19) n-Nitroso-di-n-propylamine	9.20	70	128334	16.610	ng	# 81
54) 2,4-Dinitrophenol	13.33	184	15	7.117	ng	# 1
65) 4,6-Dinitro-2-methylphenol	14.19	198	40	6.293	ng	# 1

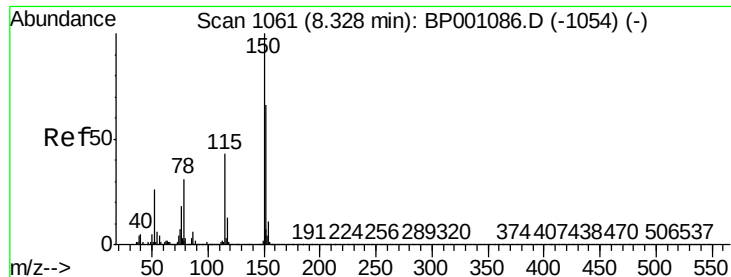
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BP001185.D

Acq: 04 Dec 2019 07:38

Instrument :

BNA_P

ClientSampled :

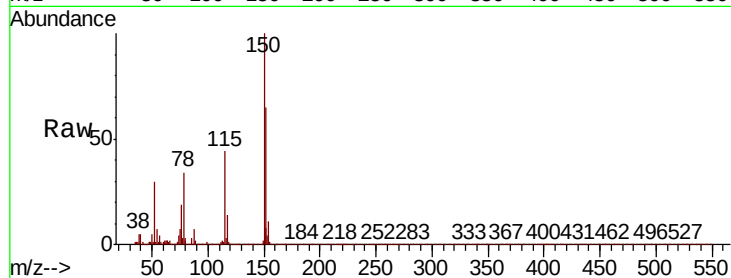
Tot Ion:152 Resp: 133340

Ion Ratio Lower Upper

152 100

150 154.3 120.6 181.0

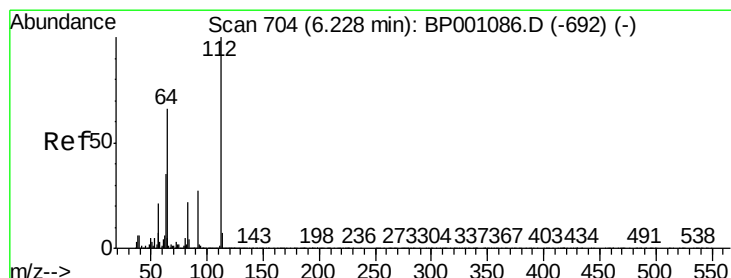
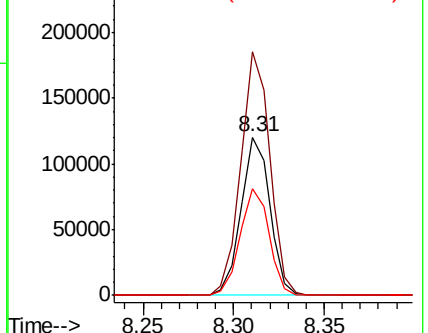
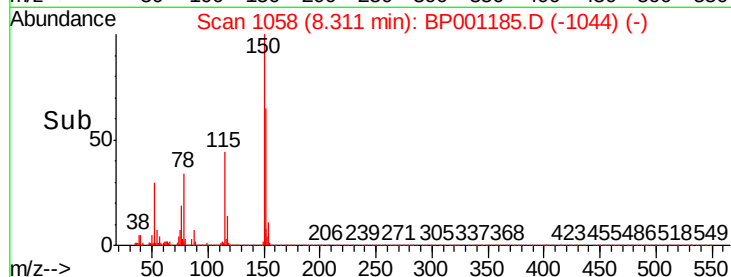
115 67.6 51.6 77.4



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: 23.043 ng

RT: 6.22 min Scan# 702

Delta R.T. -0.01 min

Lab File: BP001185.D

Acq: 04 Dec 2019 07:38

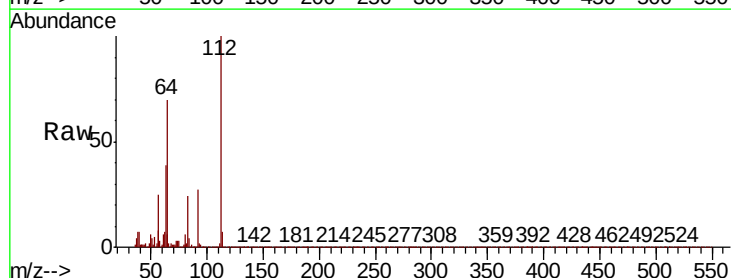
Tgt Ion:112 Resp: 185194

Ion Ratio Lower Upper

112 100

64 70.3 52.8 79.2

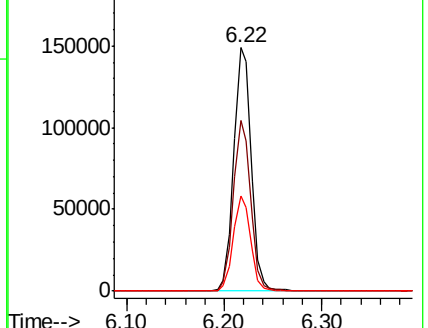
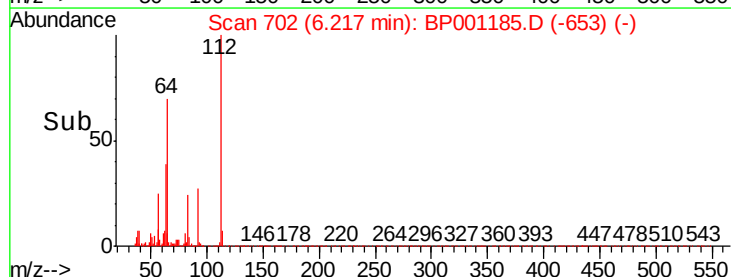
63 39.1 28.2 42.2

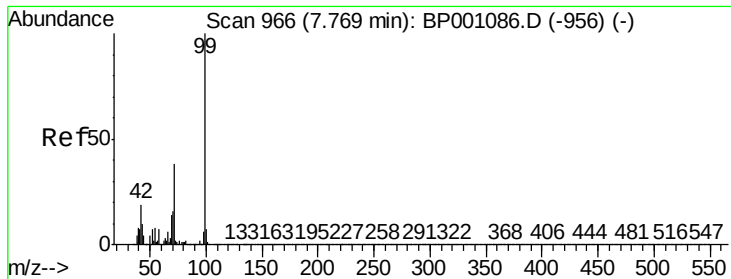


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 58.812 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001185.D

Acq: 04 Dec 2019 07:38

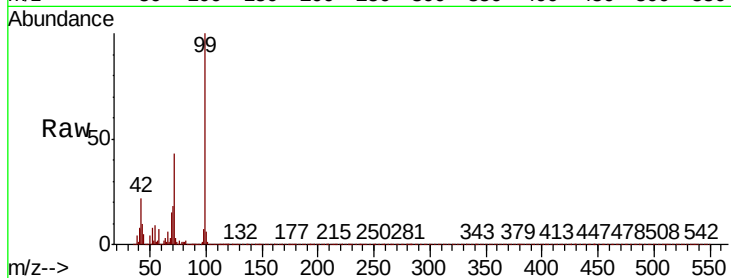
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 629715

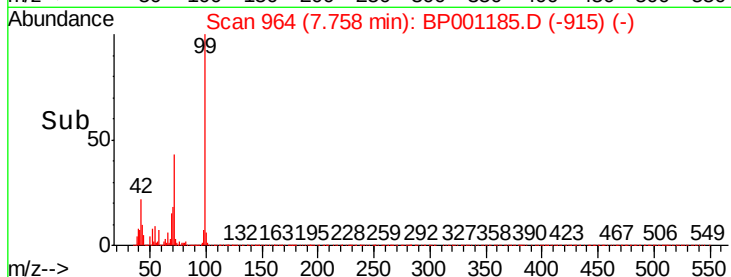
Ion	Ratio	Lower	Upper
99	100		
42	21.6	15.4	23.0
71	42.8	30.8	46.2



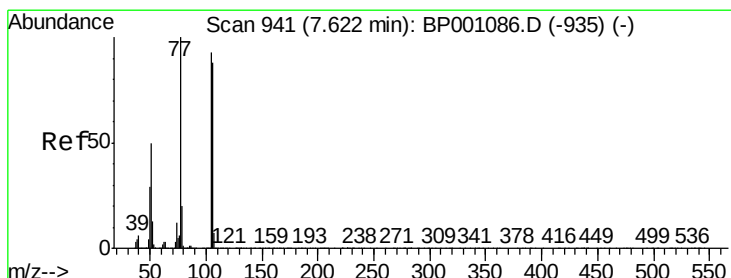
Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#9

Benzaldehyde

Concen: Below Cal

RT: 7.61 min Scan# 939

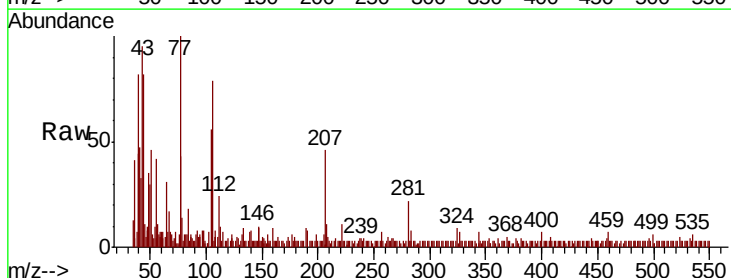
Delta R.T. -0.01 min

Lab File: BP001185.D

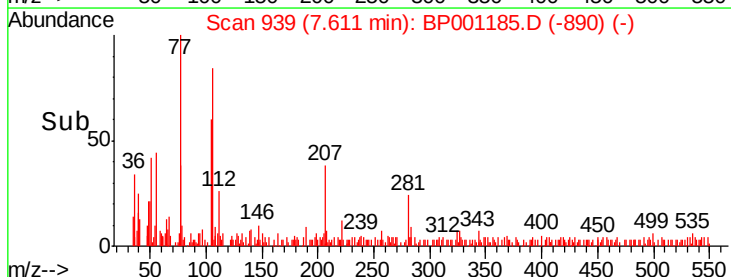
Acq: 04 Dec 2019 07:38

Tgt Ion: 77 Resp: 321

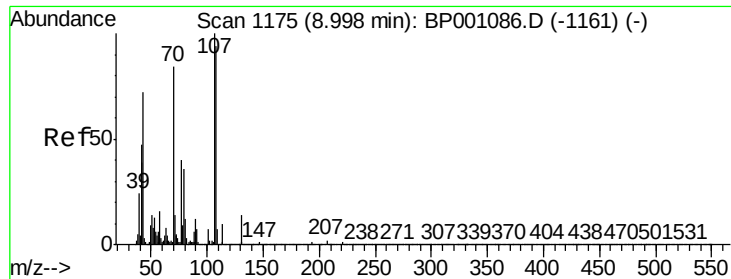
Ion	Ratio	Lower	Upper
77	100		
105	56.1	72.5	112.5#
106	81.7	67.6	107.6



Abundance Ion 77.00 (76.70 to 77.70): BP0



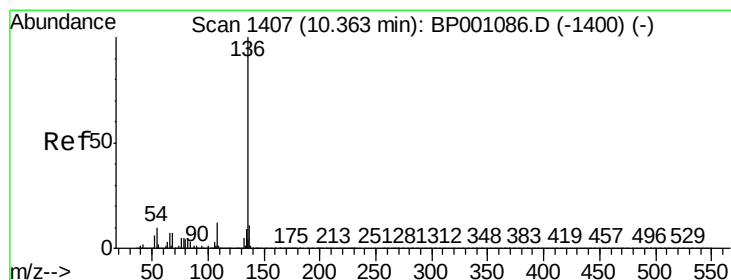
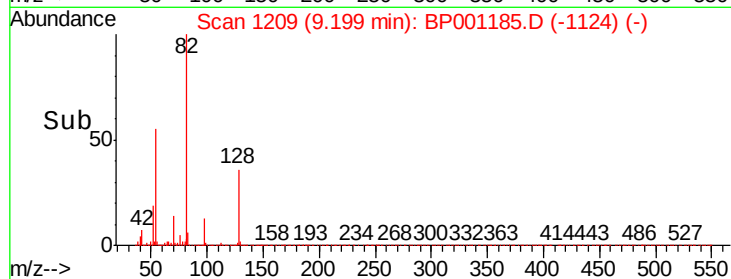
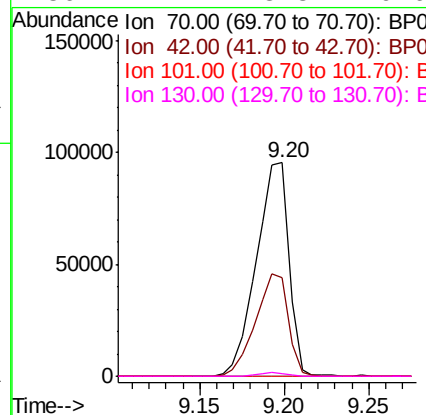
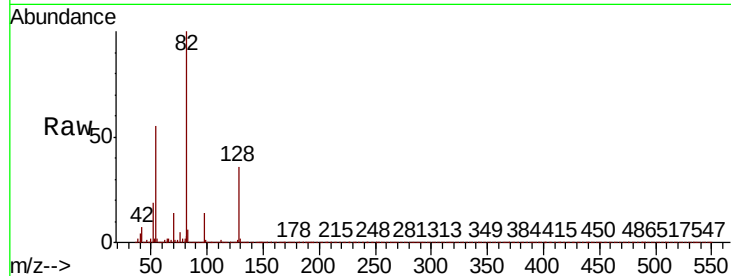
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 16.610 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.20 min
Lab File: BP001185.D
Acq: 04 Dec 2019 07:38

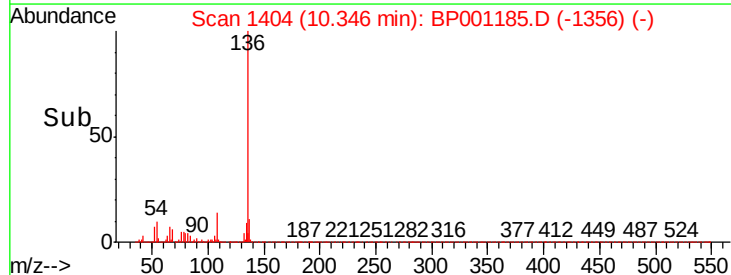
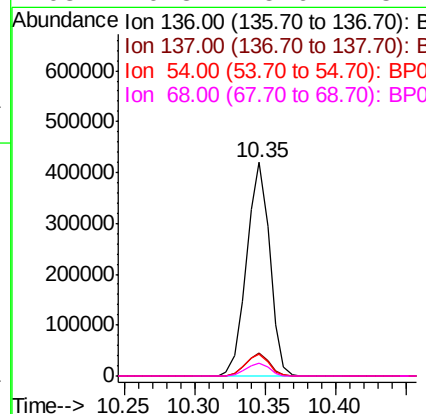
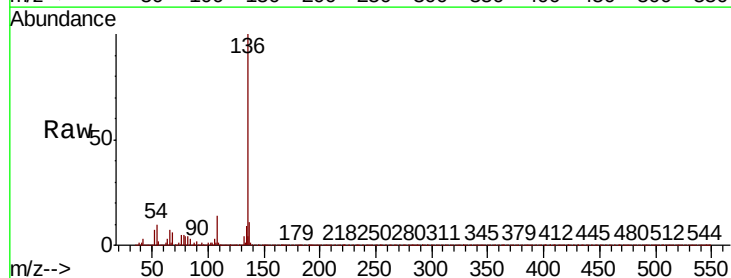
Instrument :
BNA_P
ClientSampled :

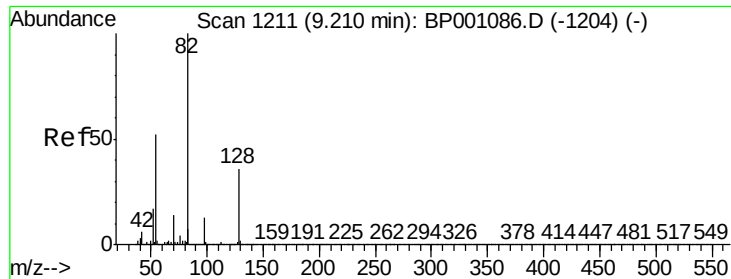
Tot Ion:	70	Resp:	128334
Ion	Ratio	Lower	Upper
70	100		
42	46.2	44.6	66.8
101	0.0	7.1	10.7#
130	1.4	13.8	20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BP001185.D
Acq: 04 Dec 2019 07:38

Tgt Ion:	136	Resp:	480663
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.1	7.9	11.9
68	6.3	5.6	8.4

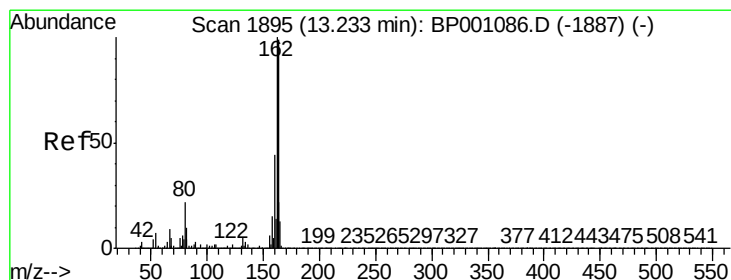
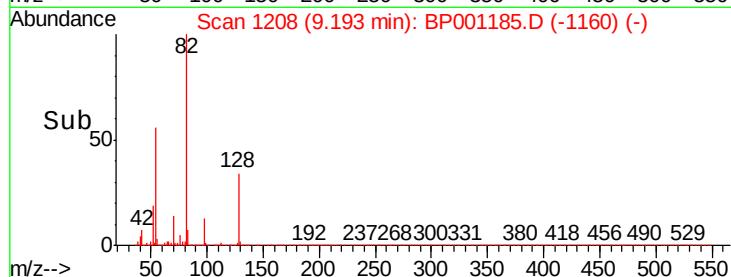
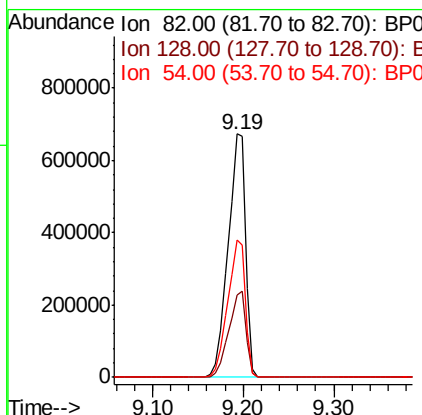
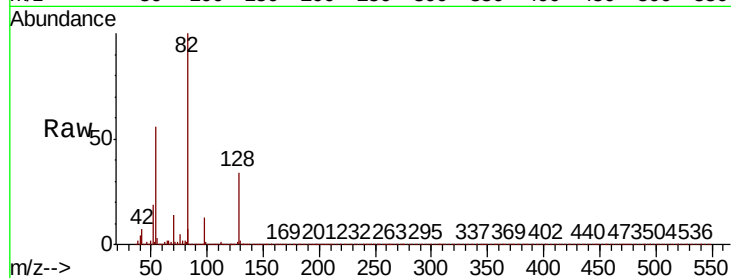




#23
 Nitrobenzene-d5
 Concen: 81.892 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BP001185.D
 Acq: 04 Dec 2019 07:38

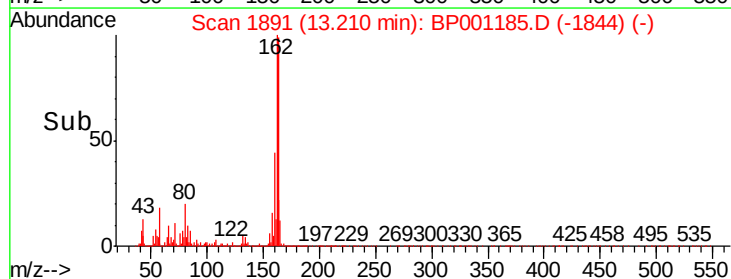
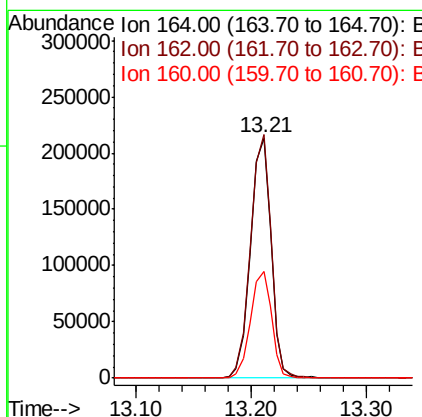
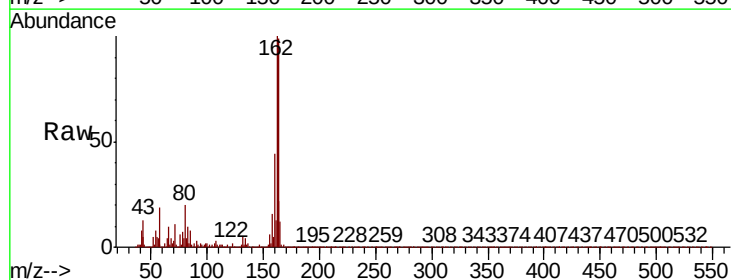
Instrument :
 BNA_P
 ClientSampleId :

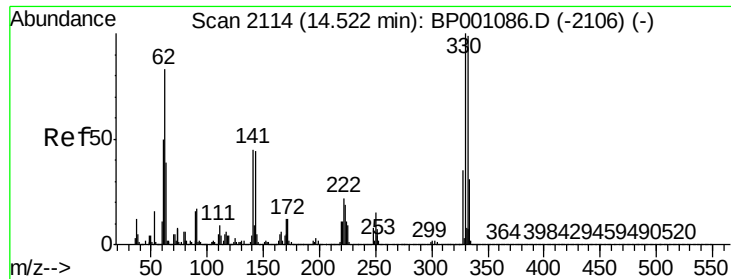
Tot Ion	82	Resp	907270
Ion Ratio	Lower	Upper	
82	100		
128	33.7	28.9	43.3
54	56.3	41.9	62.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. -0.02 min
 Lab File: BP001185.D
 Acq: 04 Dec 2019 07:38

Tgt Ion	164	Resp	265889
Ion Ratio	Lower	Upper	
164	100		
162	101.3	80.6	120.8
160	44.5	35.4	53.2

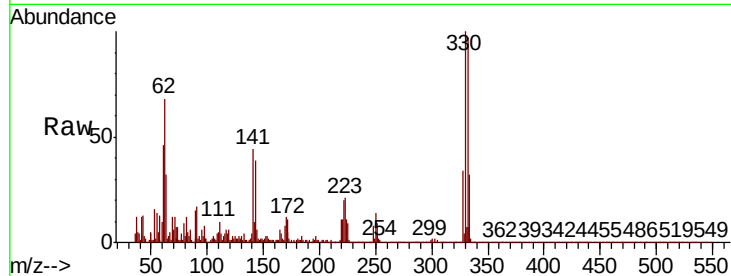




#42
2,4,6-Tribromophenol
Concen: 13.866 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BP001185.D
Acq: 04 Dec 2019 07:38

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.6	116.4
141	49.1	34.2	51.2

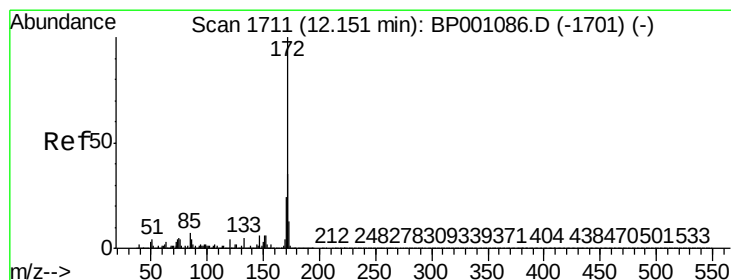
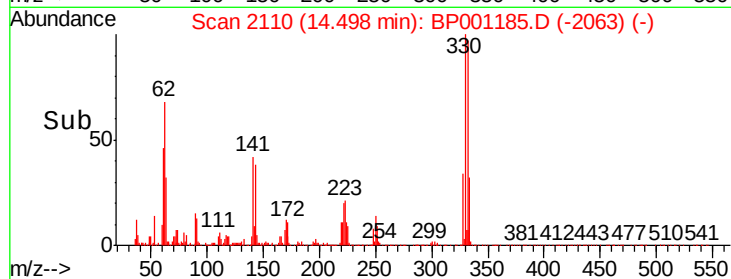
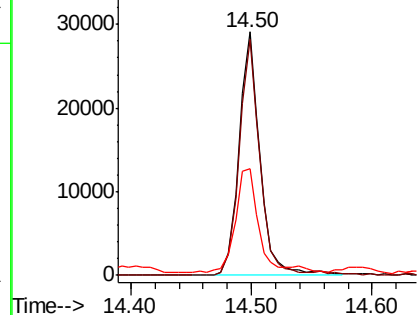


Abundance

Ion 329.80 (329.50 to 330.50): E

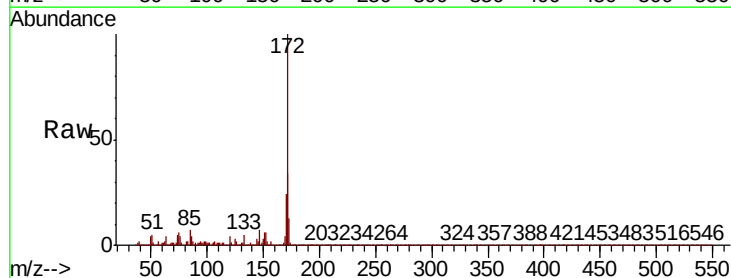
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 80.972 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001185.D
Acq: 04 Dec 2019 07:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.9	41.9
170	23.5	19.0	28.4

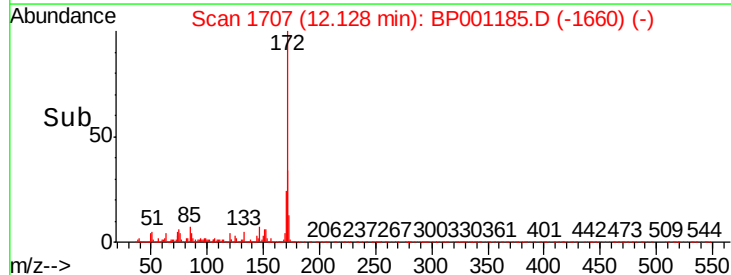
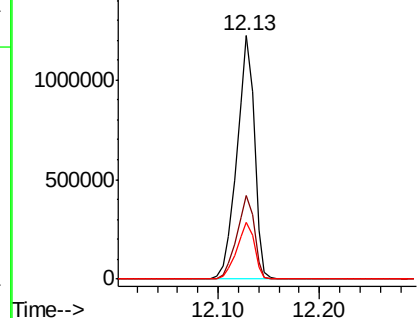


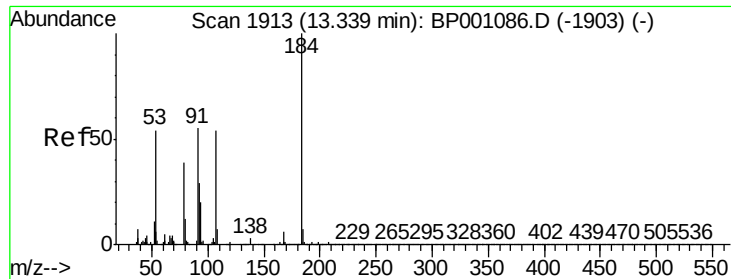
Abundance

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

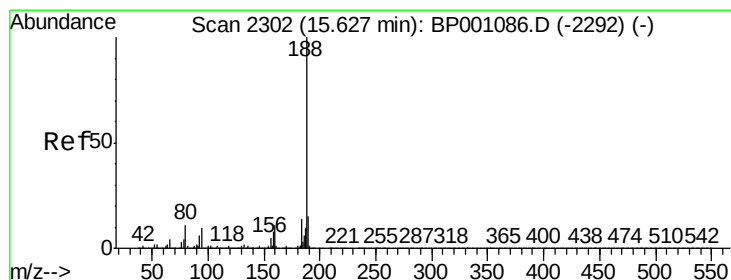
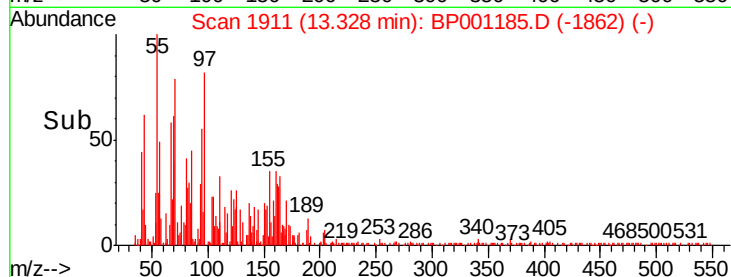
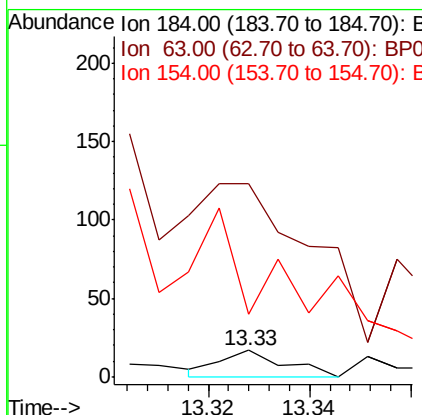
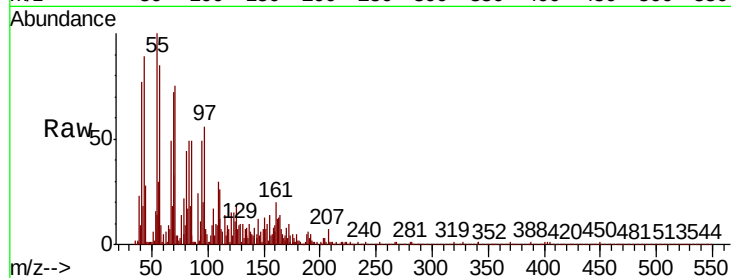




#54
2,4-Dinitrophenol
Concen: 7.117 ng
RT: 13.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP001185.D
Acq: 04 Dec 2019 07:38

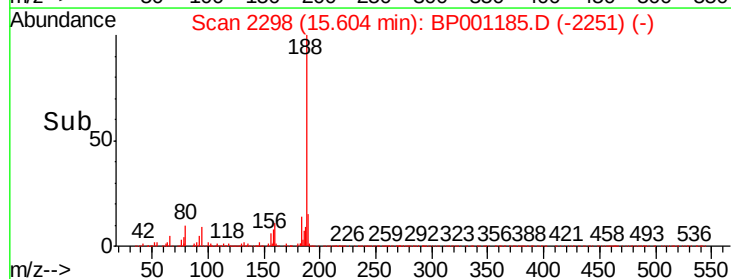
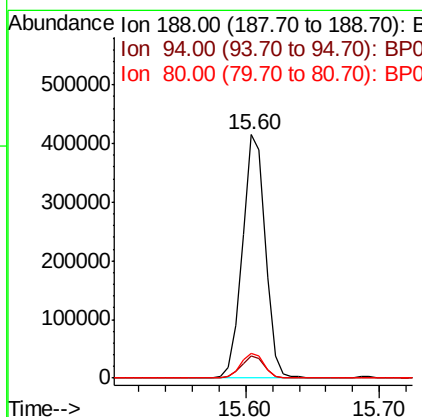
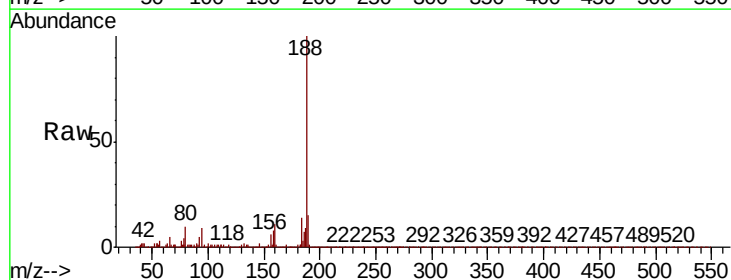
Instrument :
BNA_P
ClientSampleId :

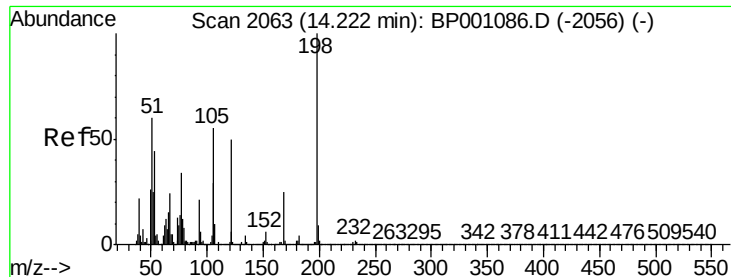
Tot Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 723.5 60.7 91.1#
154 235.3 56.2 84.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BP001185.D
Acq: 04 Dec 2019 07:38

Tgt Ion:188 Resp: 491337
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 10.4 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 6.293 ng

RT: 14.19 min Scan# 2058

Delta R.T. -0.03 min

Lab File: BP001185.D

Acq: 04 Dec 2019 07:38

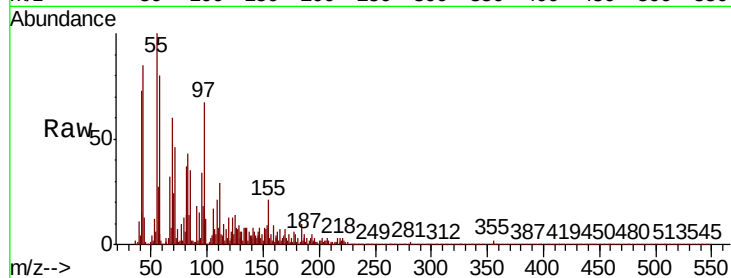
Instrument :

BNA_P

ClientSampled :

Tot Ion:198 Resp: 40

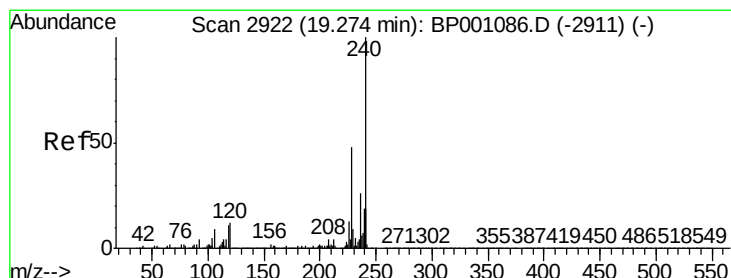
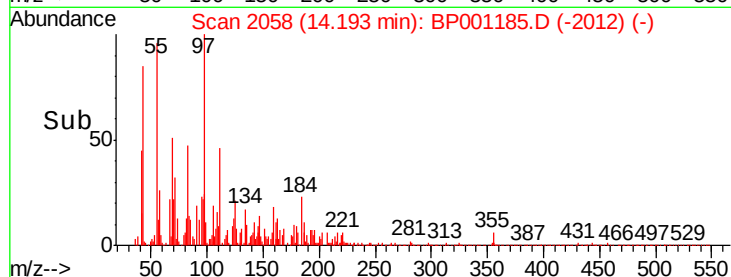
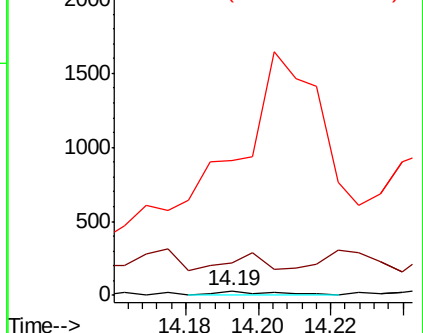
Ion	Ratio	Lower	Upper
198	100		
51	743.3	40.5	80.5#
105	3043.3	35.7	75.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.25 min Scan# 2918

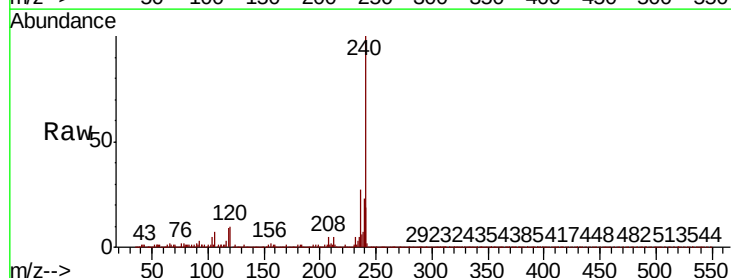
Delta R.T. -0.02 min

Lab File: BP001185.D

Acq: 04 Dec 2019 07:38

Tgt Ion:240 Resp: 383338

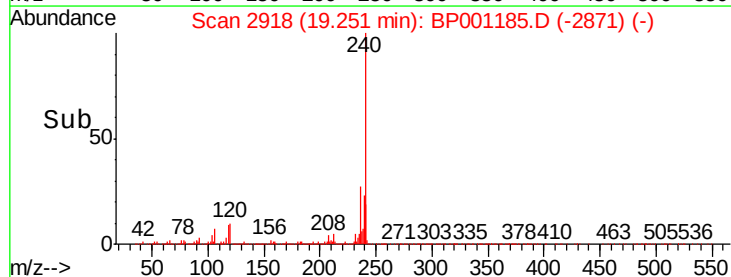
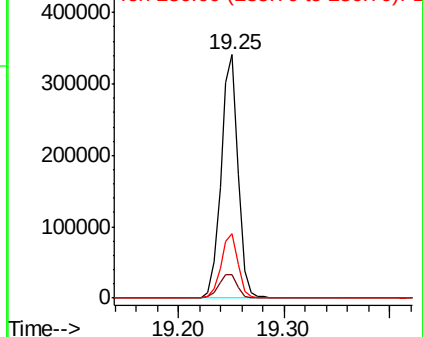
Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	26.5	20.4	30.6

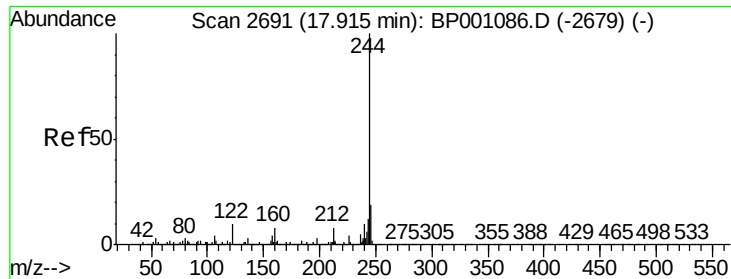


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



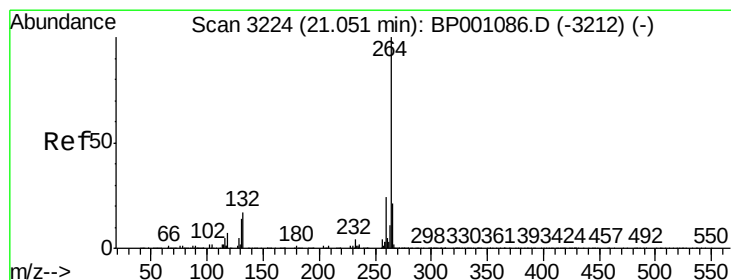
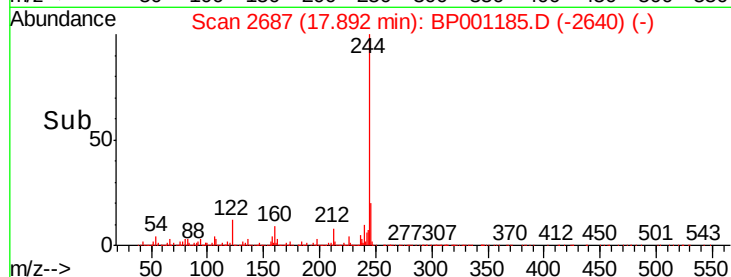
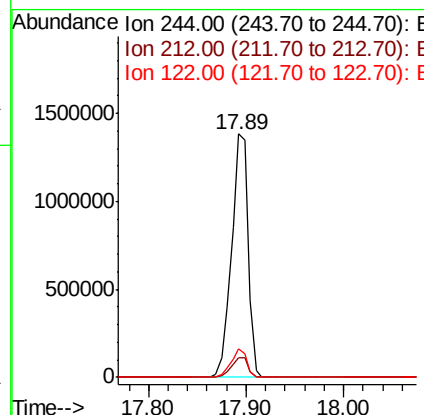
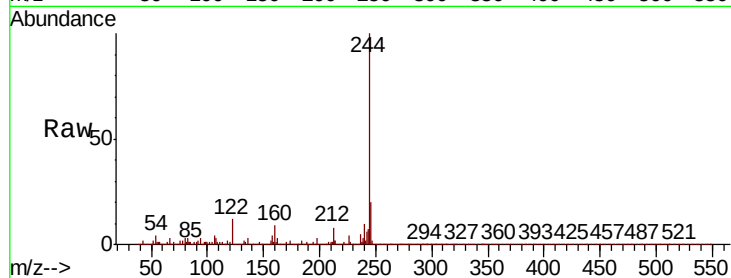


#79
 Terphenyl-d14
 Concen: 78.620 ng
 RT: 17.89 min Scan# 2687
 Delta R.T. -0.02 min
 Lab File: BP001185.D
 Acq: 04 Dec 2019 07:38

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 1629000

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	11.6	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3219
 Delta R.T. -0.03 min
 Lab File: BP001185.D
 Acq: 04 Dec 2019 07:38

Tgt Ion:264 Resp: 411110

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.8	16.9	25.3

