

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
 Data File : BP001025.D
 Acq On : 11 Nov 2019 19:41
 Operator : JU
 Sample : K5763-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 12 04:16:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	257663	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	926616	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	526004	20.00	ng	0.00
64) Phenanthrene-d10	15.65	188	1045054	20.00	ng	0.00
76) Chrysene-d12	19.29	240	879566	20.00	ng	0.00
87) Perylene-d12	21.07	264	942143	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.31	112	1192002	84.21	ng	0.01
7) Phenol-d6	7.82	99	1582762	88.42	ng	0.00
23) Nitrobenzene-d5	9.25	82	989988	59.10	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	581621	92.63	ng	0.00
45) 2-Fluorobiphenyl	12.18	172	2155677	61.72	ng	0.00
79) Terphenyl-d14	17.93	244	2771920	62.69	ng	0.00

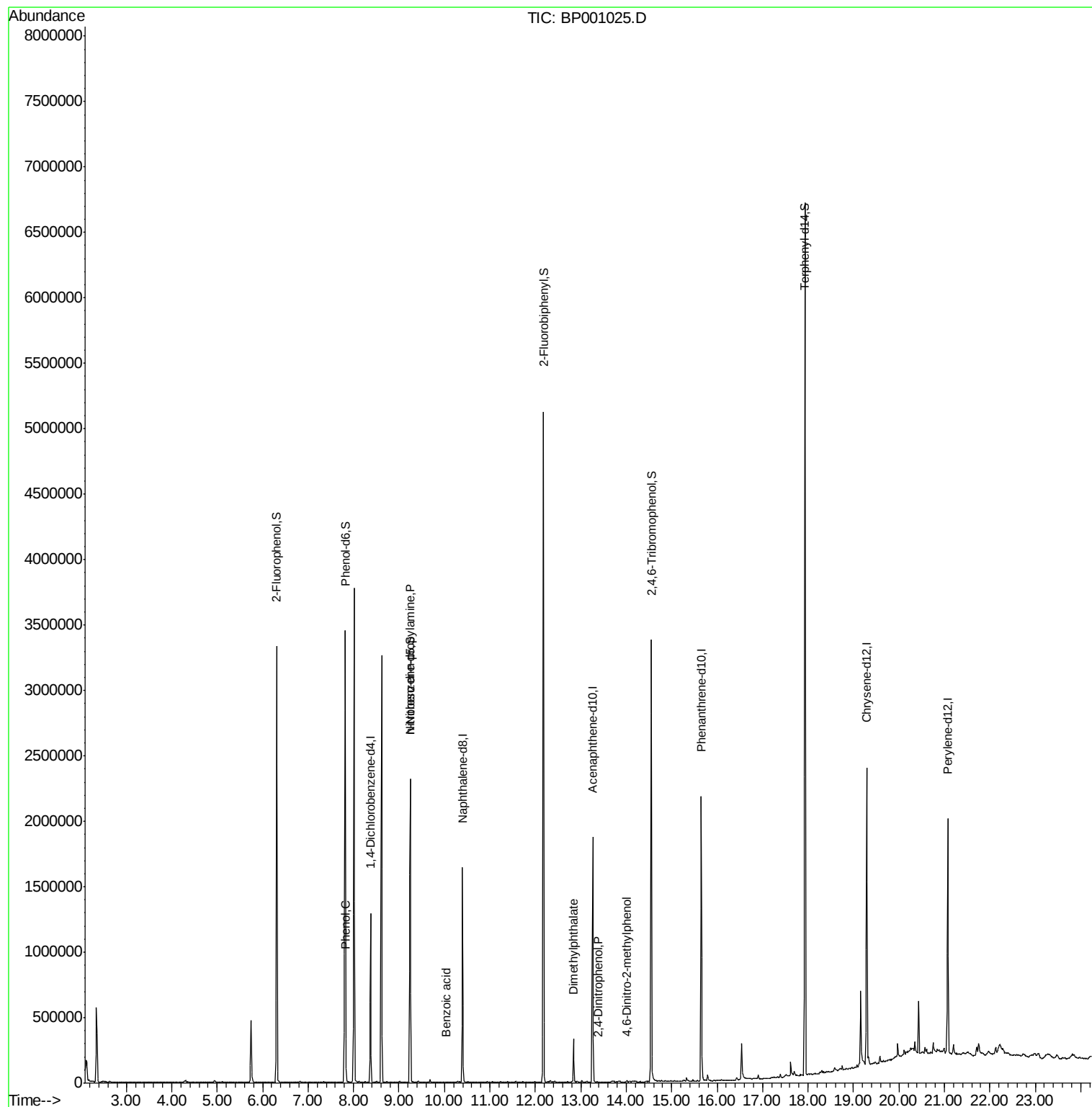
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.83	94	105339	5.380	ng	98
19) n-Nitroso-di-n-propylamine	9.25	70	134999	12.559	ng	# 78
32) Benzoic acid	10.02	122	73	7.676	ng	# 64
50) Dimethylphthalate	12.85	163	175218	4.505	ng	100
54) 2,4-Dinitrophenol	13.39	184	15	8.313	ng	# 65
65) 4,6-Dinitro-2-methylphenol	14.02	198	41	9.891	ng	# 1

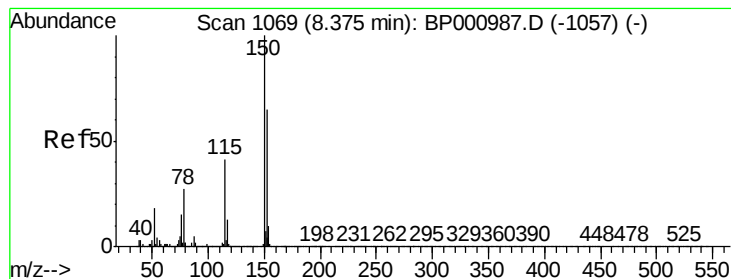
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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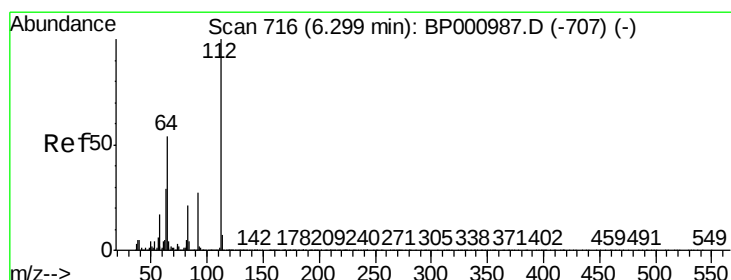
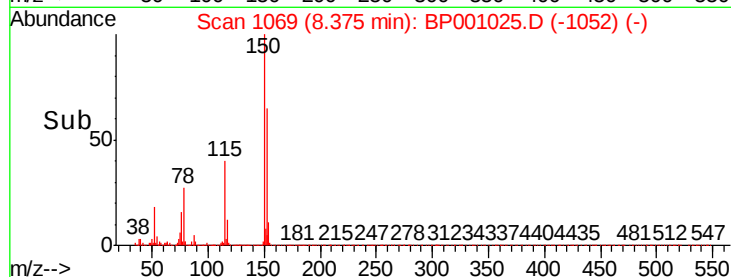
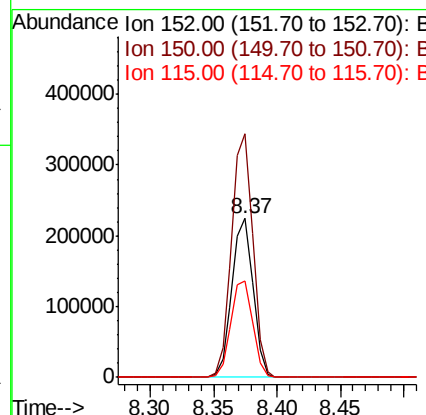
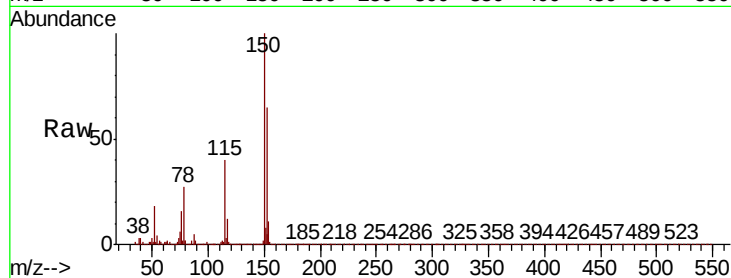




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.37 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BP001025.D
 Acq: 11 Nov 2019 19:41

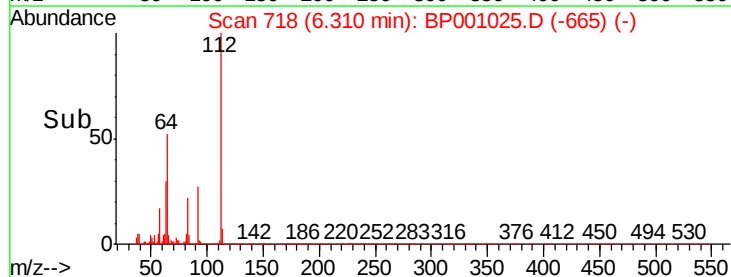
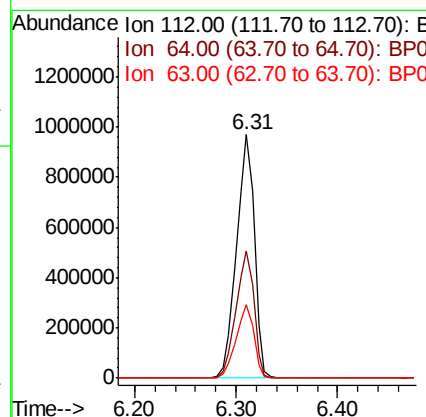
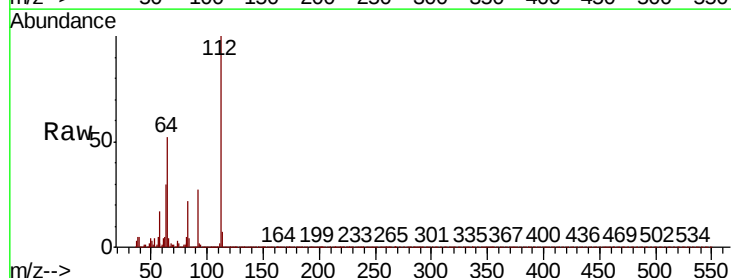
Instrument :
 BNA_P
 ClientSampleId :

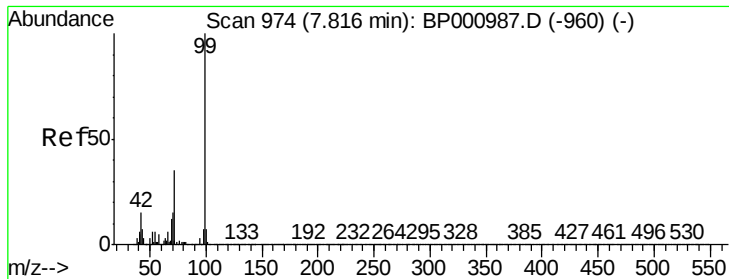
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.6	185.4
115	60.8	50.1	75.1



#5
 2-Fluorophenol
 Concen: 84.205 ng
 RT: 6.31 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: BP001025.D
 Acq: 11 Nov 2019 19:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	43.4	65.0
63	30.3	23.4	35.0





#7

Phenol-d6

Concen: 88.418 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001025.D

Acq: 11 Nov 2019 19:41

Instrument :

BNA_P

ClientSampleId :

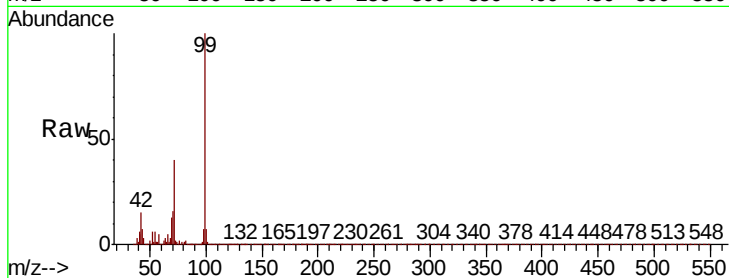
Tot Ion: 99 Resp: 1582762

Ion Ratio Lower Upper

99 100

42 15.4 11.6 17.4

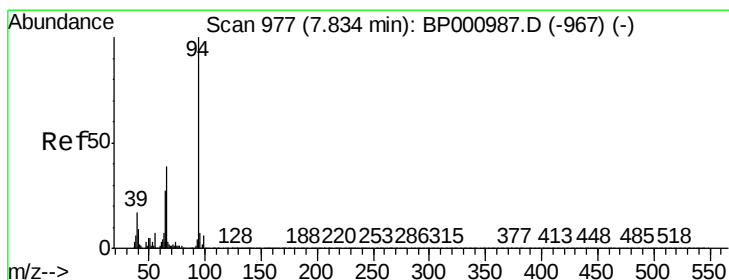
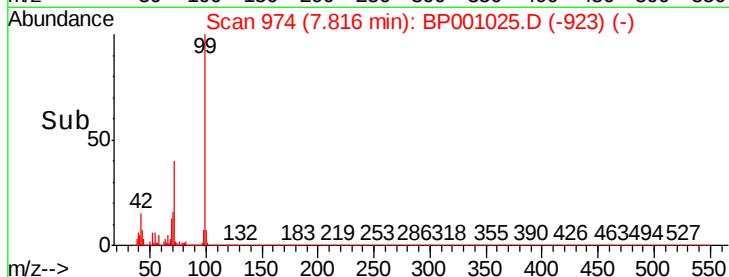
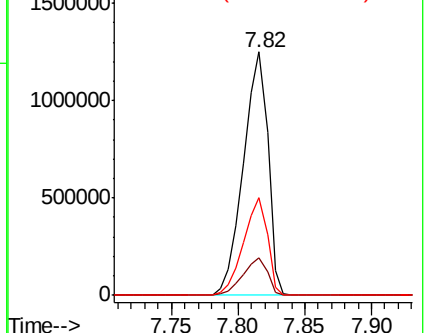
71 39.9 28.0 42.0



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: 5.380 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BP001025.D

Acq: 11 Nov 2019 19:41

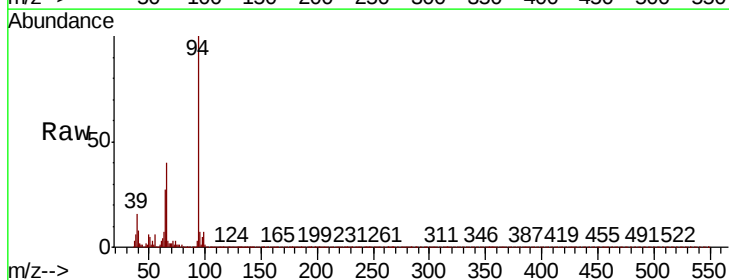
Tgt Ion: 94 Resp: 105339

Ion Ratio Lower Upper

94 100

65 27.1 6.7 46.7

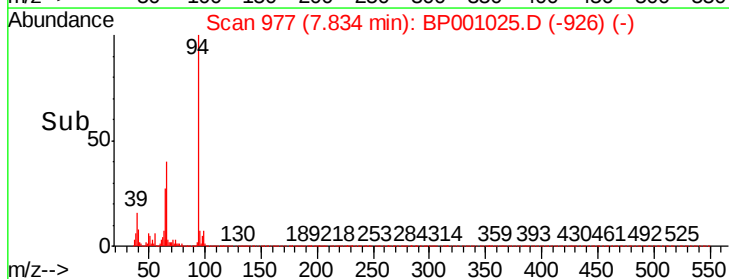
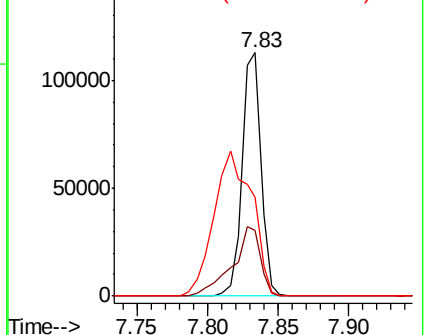
66 40.4 18.6 58.6

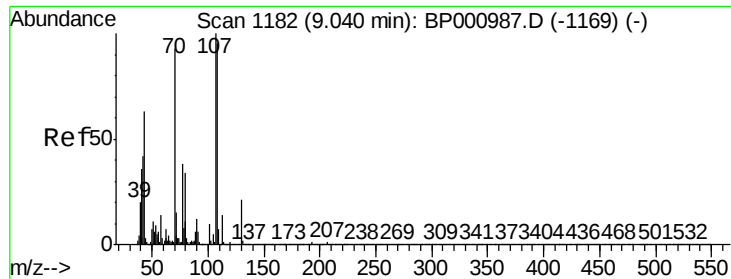


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

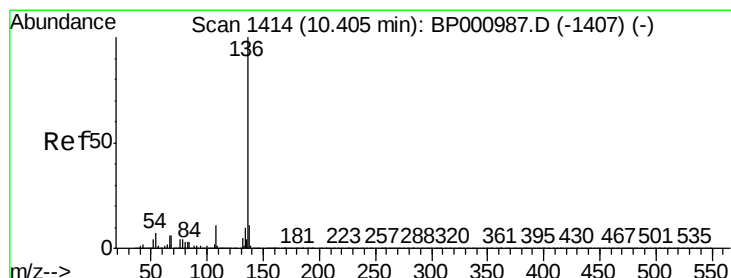
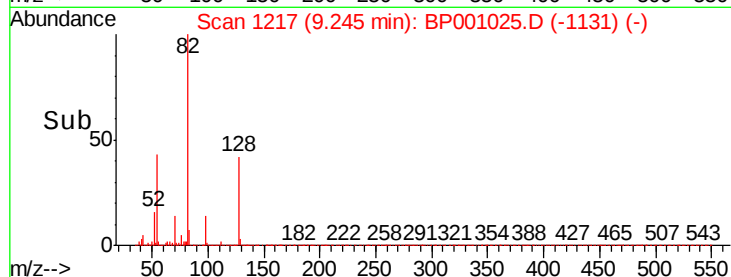
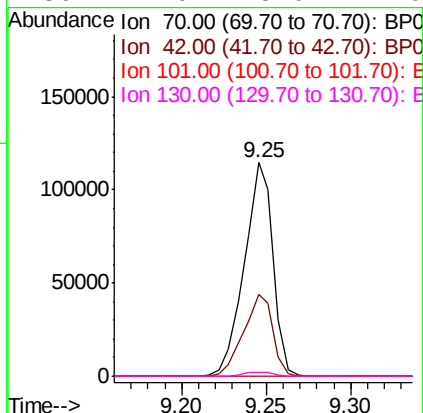
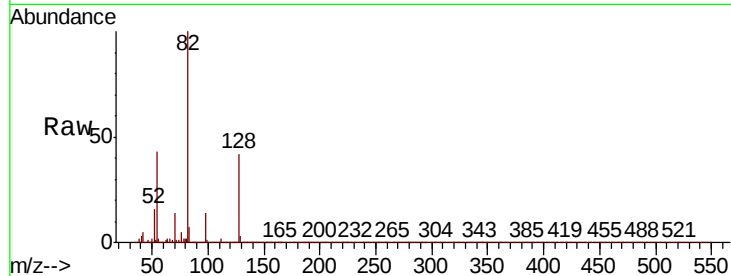




#19
n-Nitroso-di-n-propylamine
Concen: 12.559 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.21 min
Lab File: BP001025.D
Acq: 11 Nov 2019 19:41

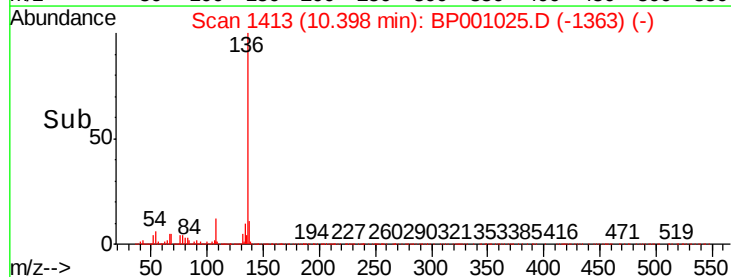
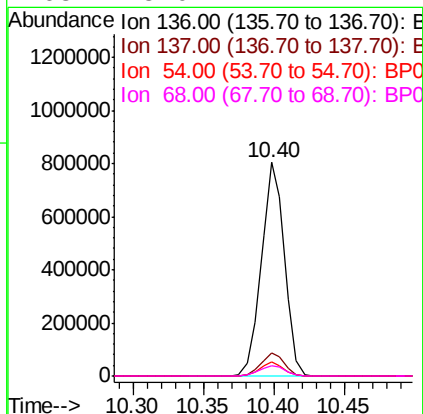
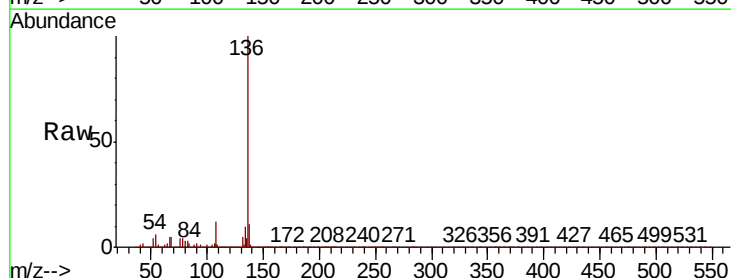
Instrument :
BNA_P
ClientSampleId :

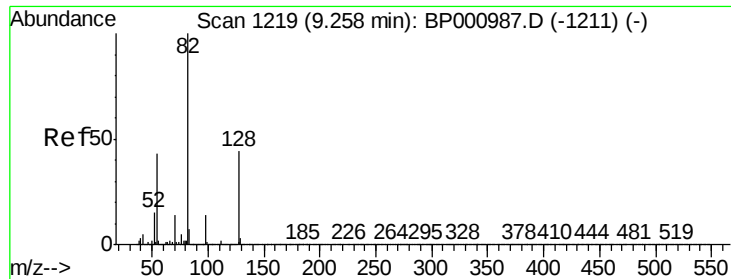
Tot Ion	Ratio	Lower	Upper
70	100		
42	38.6	36.3	54.5
101	0.0	8.7	13.1#
130	2.0	18.0	27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001025.D
Acq: 11 Nov 2019 19:41

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.3	5.4	8.2
68	5.0	4.7	7.1

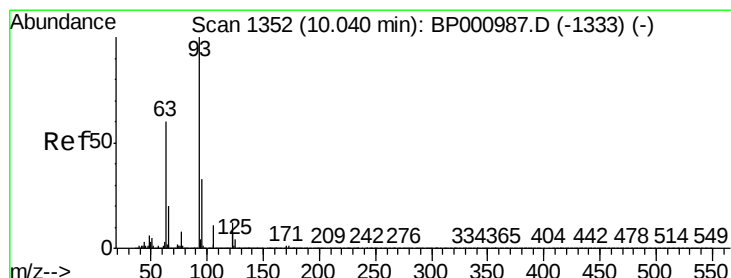
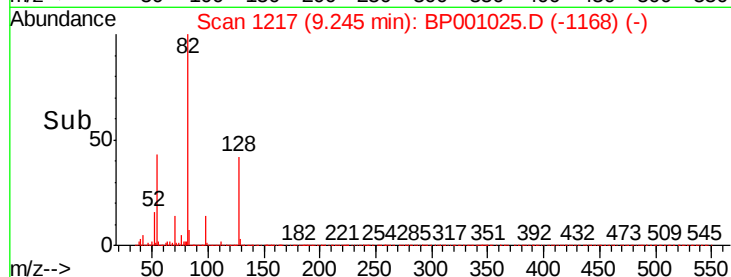
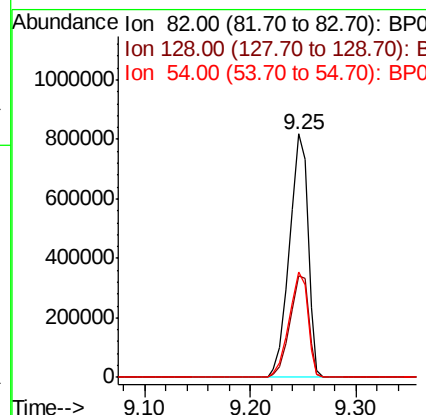
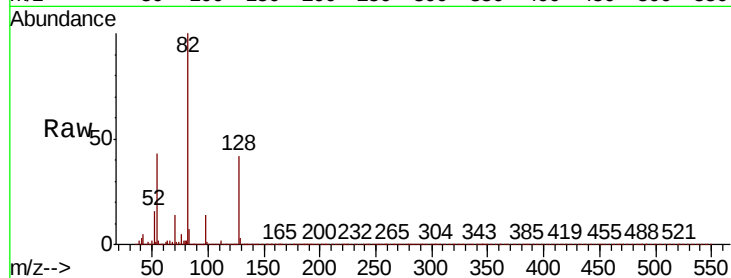




#23
Nitrobenzene-d5
Concen: 59.100 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001025.D
Acq: 11 Nov 2019 19:41

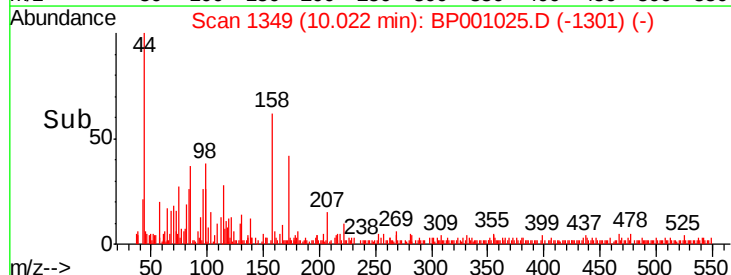
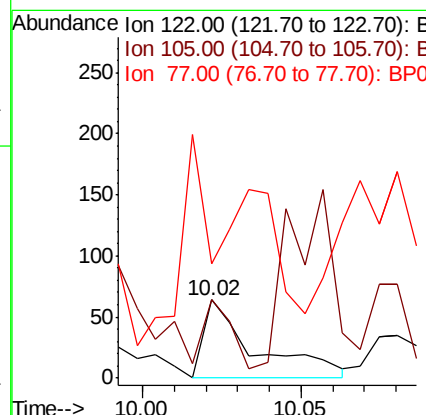
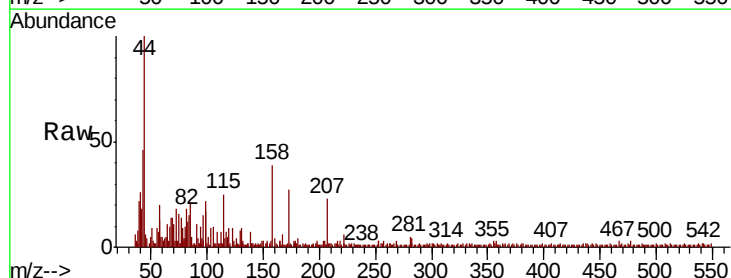
Instrument :
BNA_P
ClientSampleId :

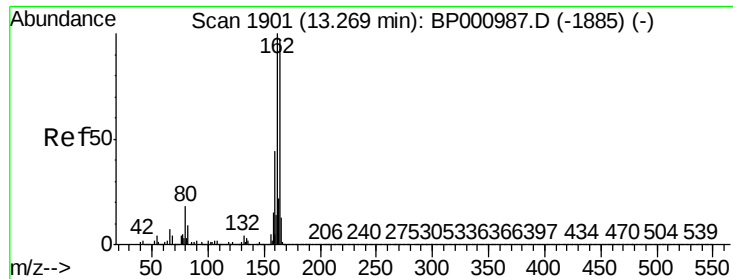
Tot Ion	82	Resp	989988
Ion Ratio	Lower	Upper	
82	100		
128	41.7	35.3	52.9
54	43.4	34.3	51.5



#32
Benzoic acid
Concen: 7.676 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BP001025.D
Acq: 11 Nov 2019 19:41

Tgt Ion	122	Resp	73
Ion Ratio	Lower	Upper	
122	100		
105	100.0	110.5	150.5#
77	146.9	77.9	117.9#

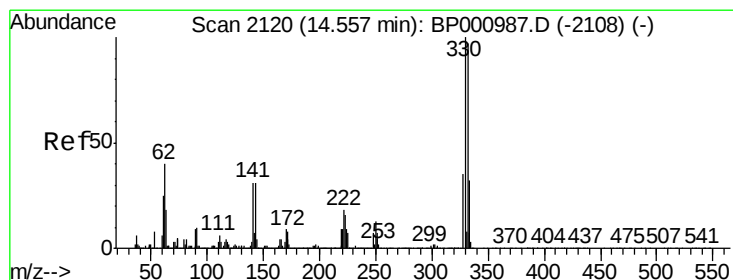
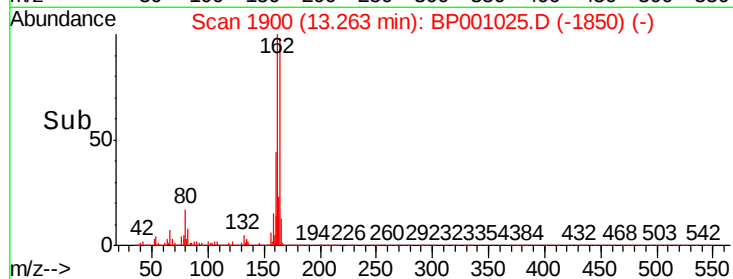
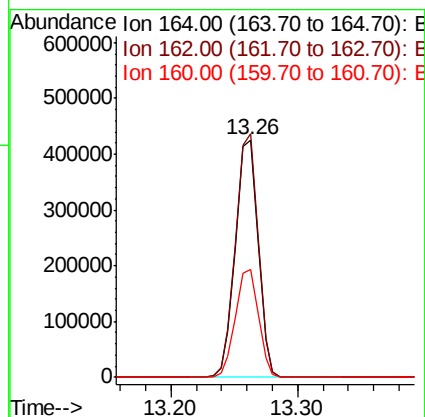
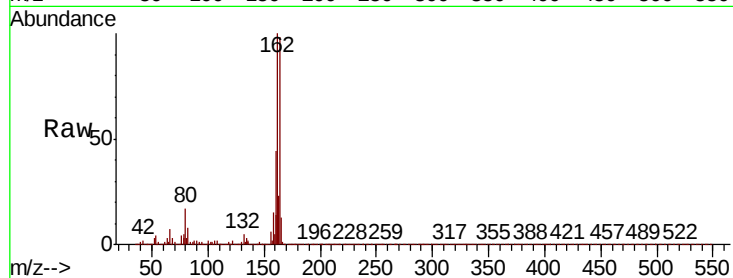




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001025.D
Acq: 11 Nov 2019 19:41

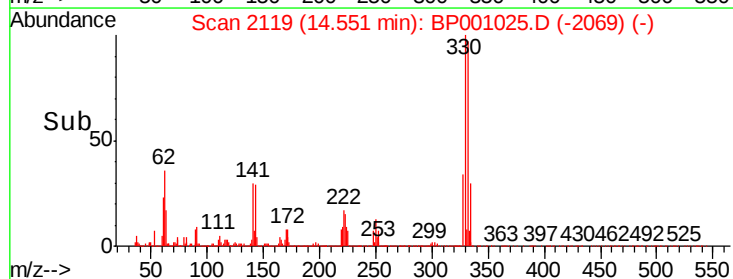
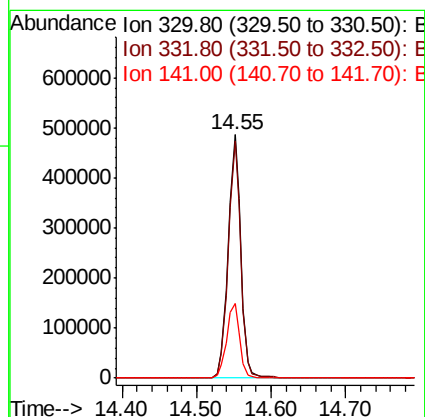
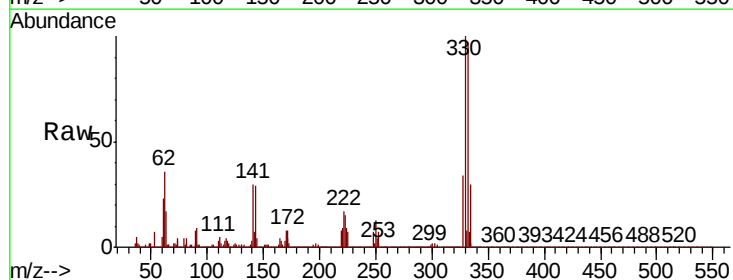
Instrument :
BNA_P
ClientSampled :

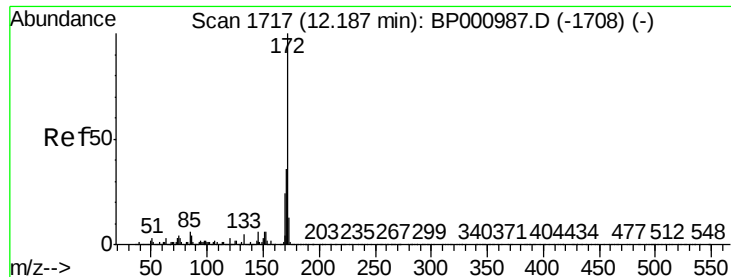
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	45.5	36.5	54.7



#42
2,4,6-Tribromophenol
Concen: 92.625 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP001025.D
Acq: 11 Nov 2019 19:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.3	117.5
141	31.2	25.0	37.4

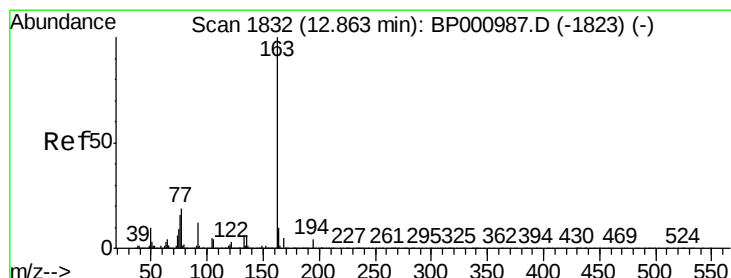
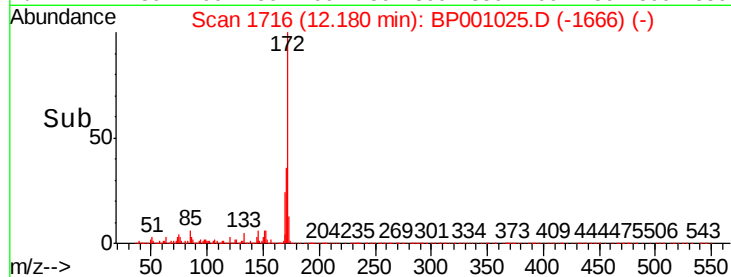
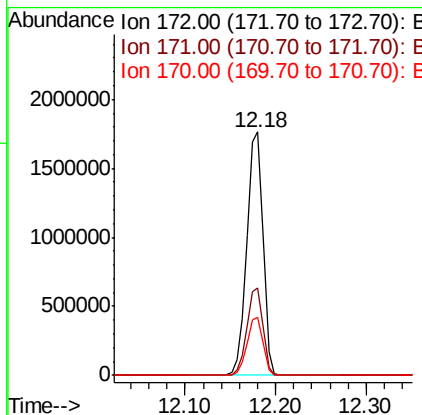
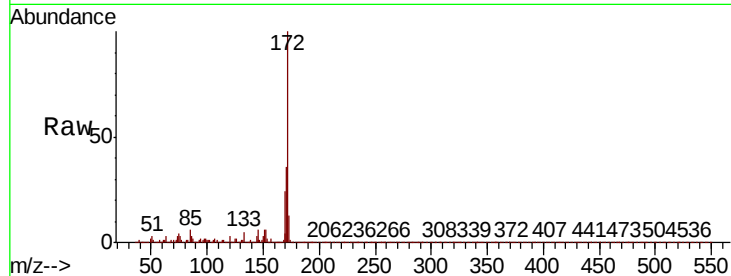




#45
2-Fluorobiphenyl
Concen: 61.723 ng
RT: 12.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BP001025.D
Acq: 11 Nov 2019 19:41

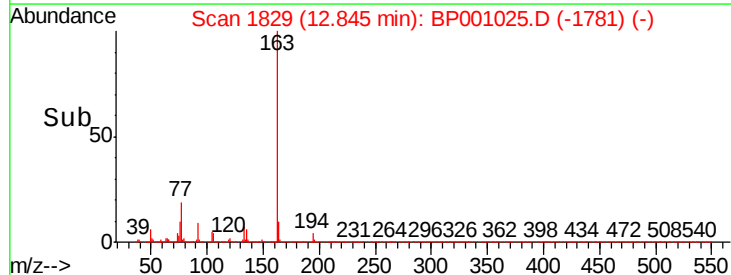
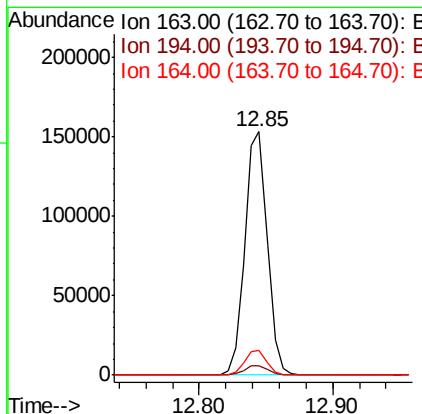
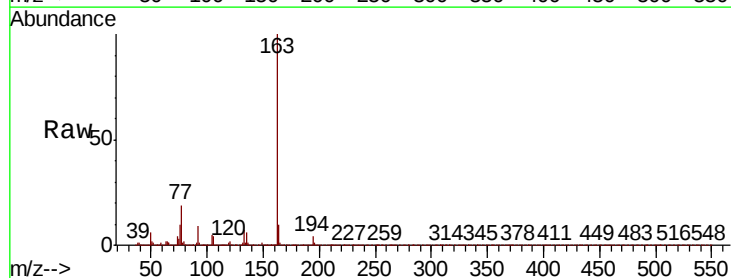
Instrument :
BNA_P
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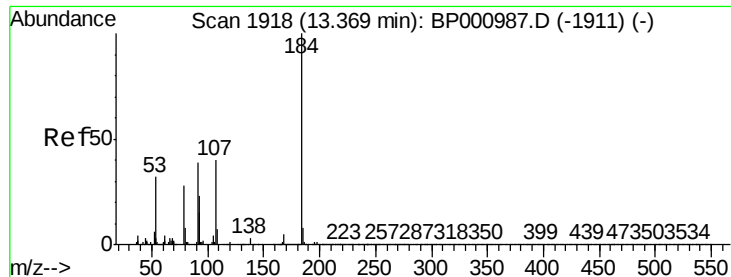
Tot Ion:172 Resp: 2155677
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.9 18.9 28.3



#50
Dimethylphthalate
Concen: 4.505 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BP001025.D
Acq: 11 Nov 2019 19:41

Tgt Ion:163 Resp: 175218
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 9.9 7.9 11.9

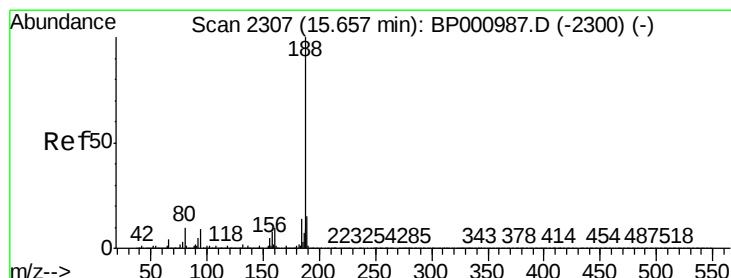
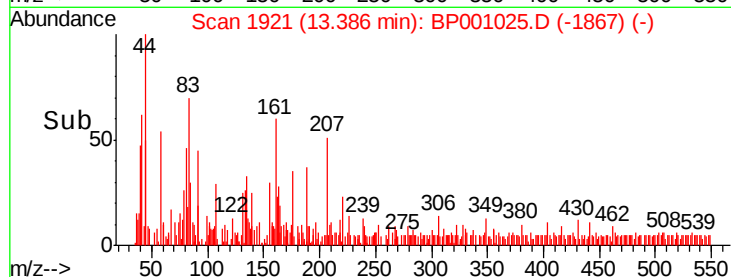
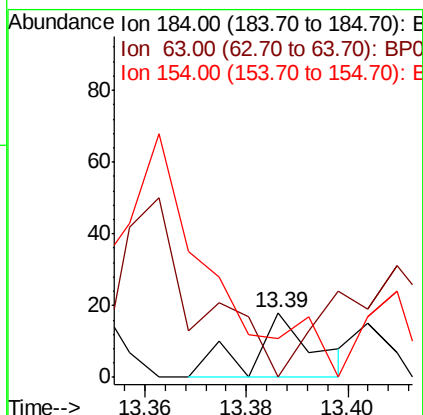
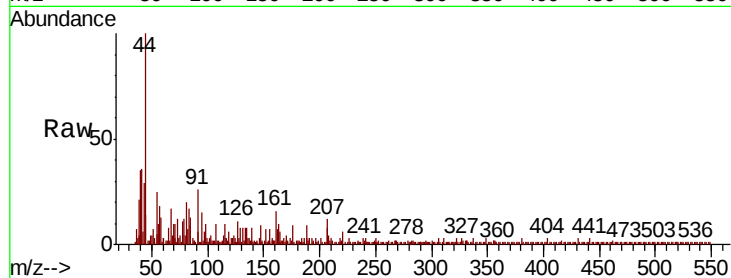




#54
2,4-Dinitrophenol
Concen: 8.313 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.02 min
Lab File: BP001025.D
Acq: 11 Nov 2019 19:41

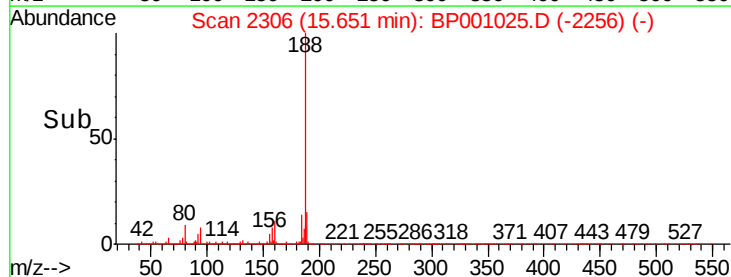
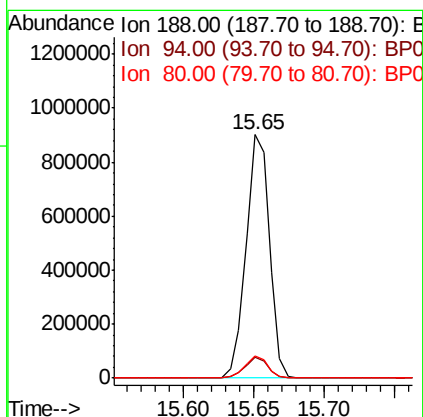
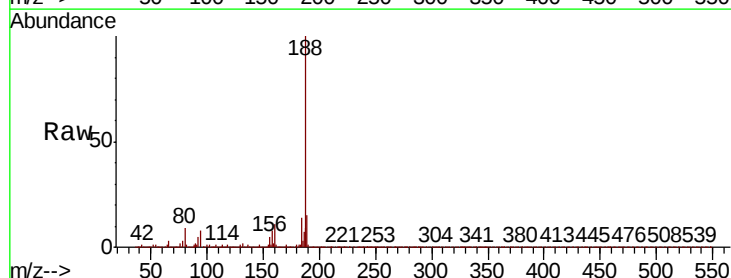
Instrument :
BNA_P
ClientSampled :

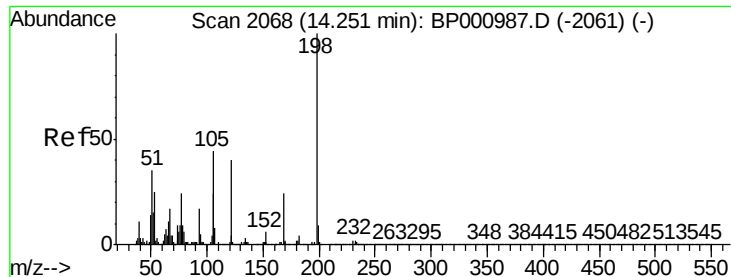
Tot Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.6#
154 61.1 48.1 72.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001025.D
Acq: 11 Nov 2019 19:41

Tgt Ion:188 Resp: 1045054
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 9.0 7.9 11.9

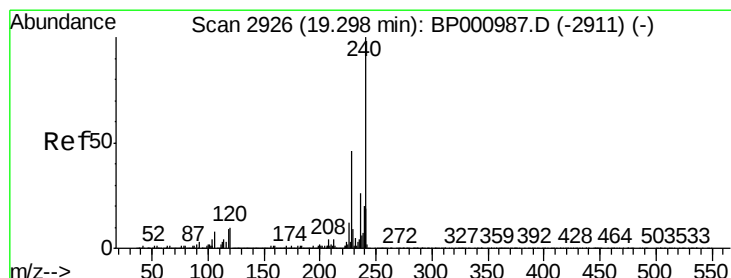
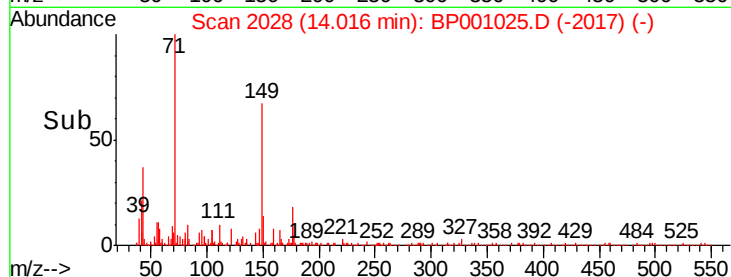
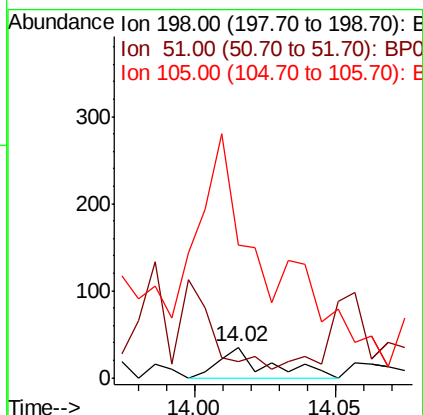
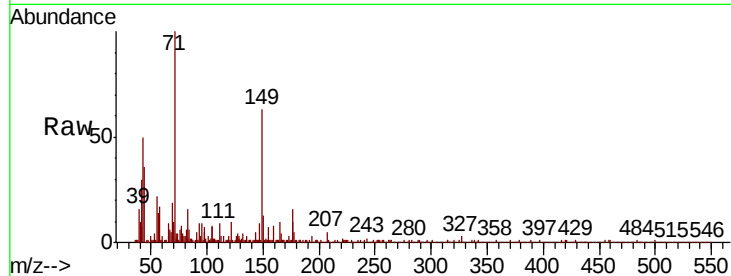




#65
4,6-Dinitro-2-methylphenol
Concen: 9.891 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.24 min
Lab File: BP001025.D
Acq: 11 Nov 2019 19:41

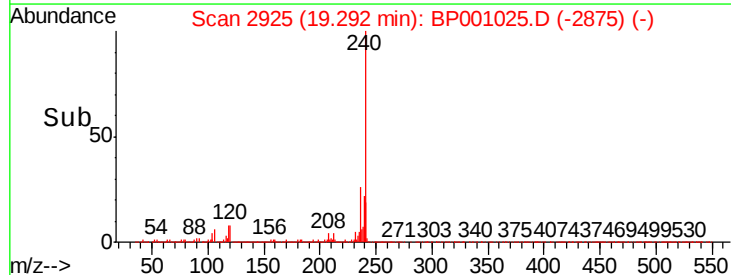
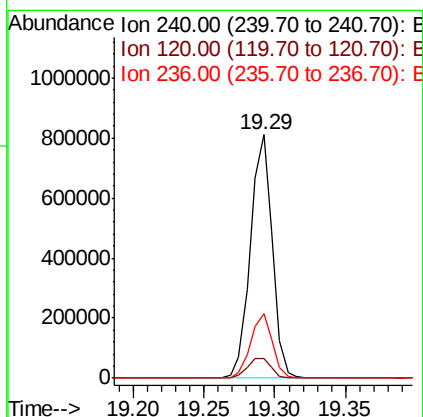
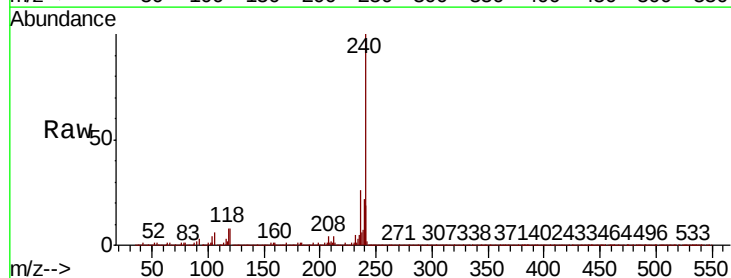
Instrument :
BNA_P
ClientSampleId :

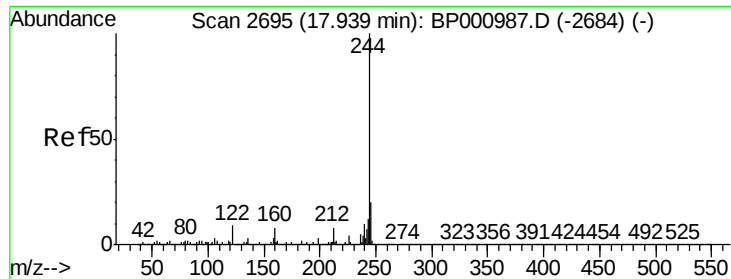
Tot Ion	Ratio	Lower	Upper
198	100		
51	54.3	16.0	56.0
105	437.1	24.9	64.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.29 min Scan# 2925
Delta R.T. -0.01 min
Lab File: BP001025.D
Acq: 11 Nov 2019 19:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.2	12.2
236	26.5	20.5	30.7





#79

Terphenyl-d14

Concen: 62.687 ng

RT: 17.93 min Scan# 2694

Delta R.T. -0.01 min

Lab File: BP001025.D

Acq: 11 Nov 2019 19:41

Instrument :

BNA_P

ClientSampleId :

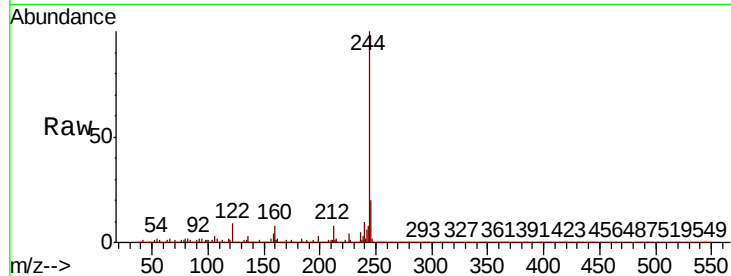
Tot Ion:244 Resp: 2771920

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

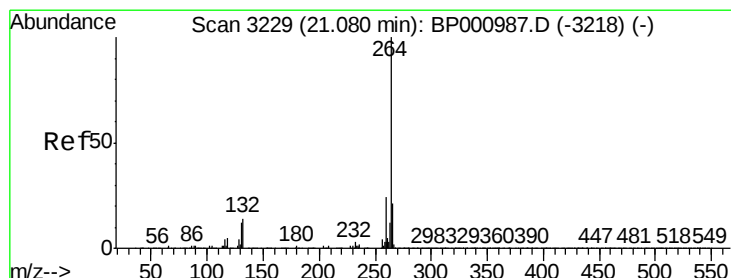
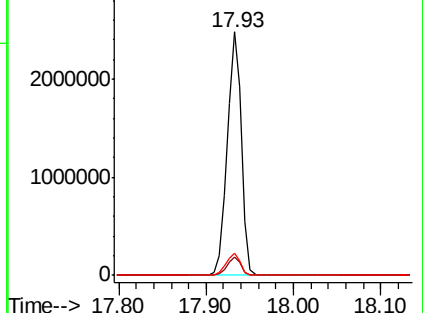
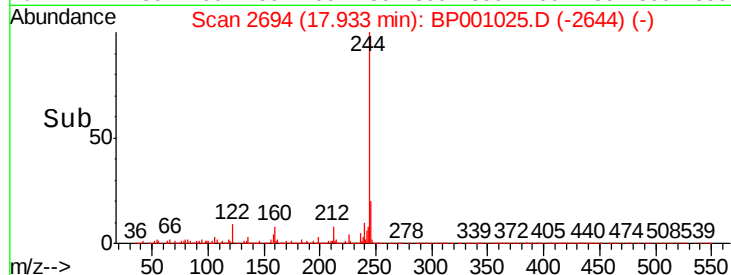
122 9.0 7.4 11.2



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: 21.07 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BP001025.D

Acq: 11 Nov 2019 19:41

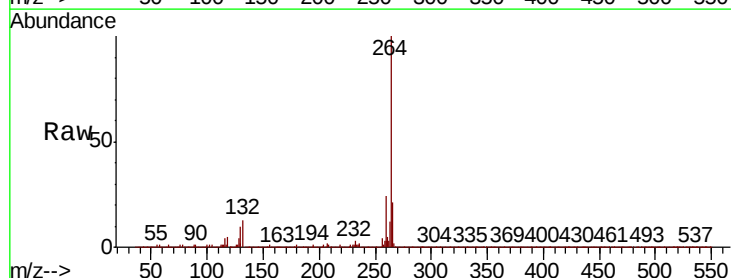
Tgt Ion:264 Resp: 942143

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.4 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

