

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000451.D
 Acq On : 27 Sep 2019 12:42
 Operator : JU
 Sample : PB123396BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 14:49:55 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	236847	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	846414	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	462417	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	869737	20.00	ng	0.00
76) Chrysene-d12	14.00	240	803395	20.00	ng	0.00
87) Perylene-d12	15.49	264	899968	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1846934	134.62	ng	0.02
7) Phenol-d6	6.43	99	2314095	137.60	ng	0.01
23) Nitrobenzene-d5	7.35	82	1337541	101.96	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	689495	150.33	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2757404	107.32	ng	0.00
79) Terphenyl-d14	12.94	244	3405831	88.93	ng	0.00

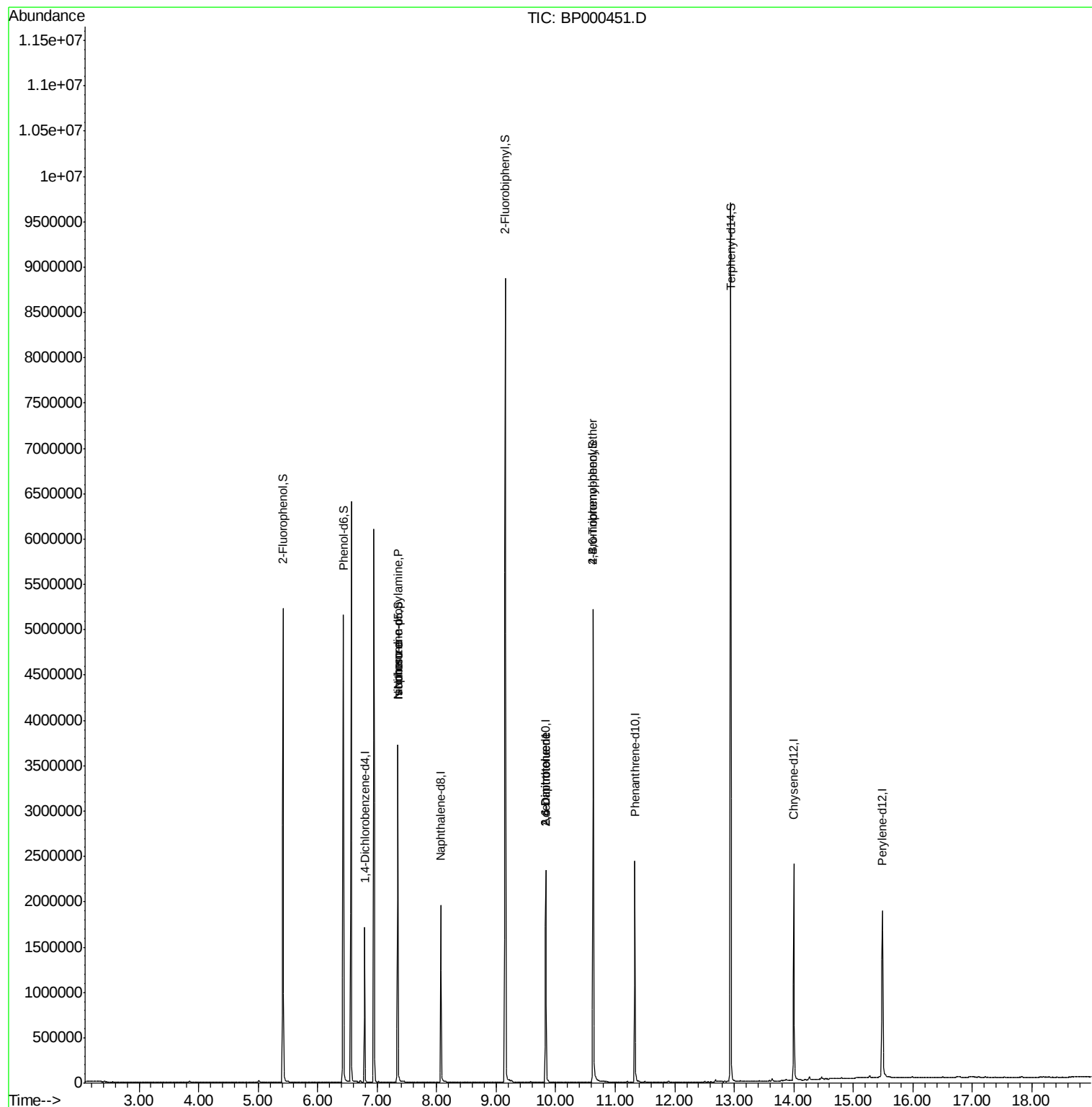
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	3126	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.35	70	162630	18.290	ng	# 75
25) Isophorone	7.35	82	1337269	51.479	ng	# 63
51) 2,6-Dinitrotoluene	9.83	165	60350	8.712	ng	# 30
57) 2,4-Dinitrotoluene	9.83	165	60539	6.685	ng	# 35
67) 4-Bromophenyl-phenylether	10.63	248	48264	4.907	ng	# 1
69) Atrazine	10.80	200	24	Below Cal		93

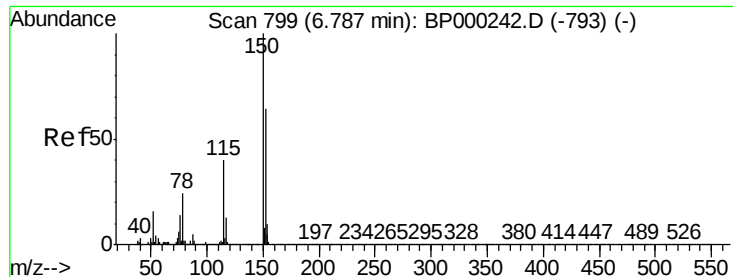
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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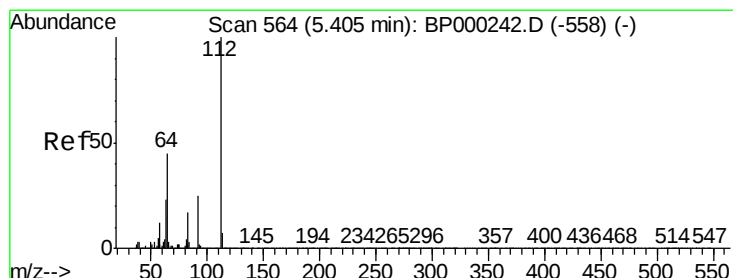
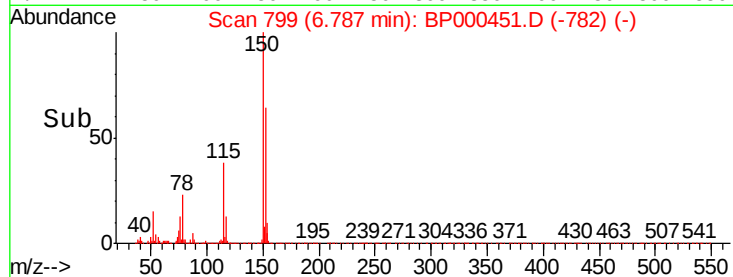
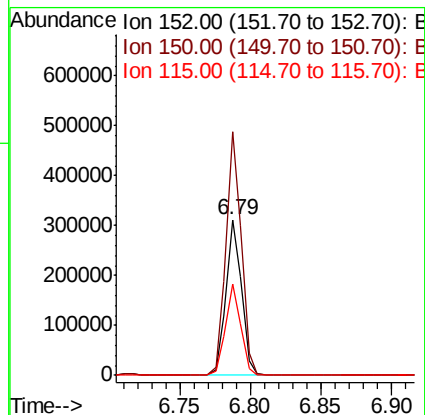
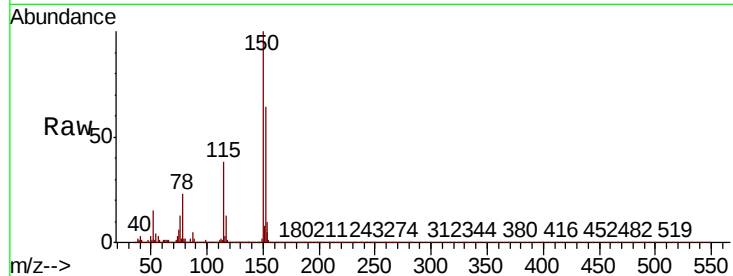


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000451.D
Acq: 27 Sep 2019 12:42

Instrument :
BNA_P
ClientSampleId :

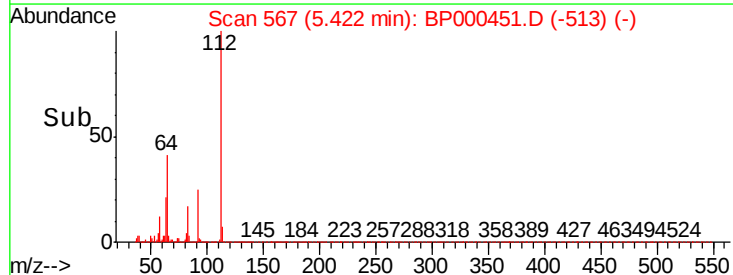
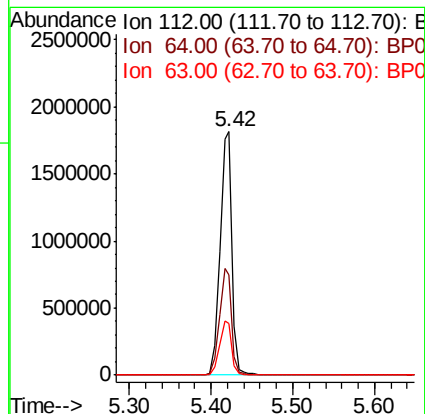
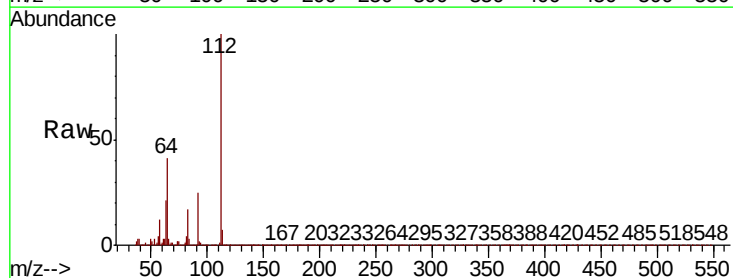
Tot Ion:152 Resp: 236847
Ion Ratio Lower Upper
152 100
150 156.6 125.2 187.8
115 59.1 49.7 74.5

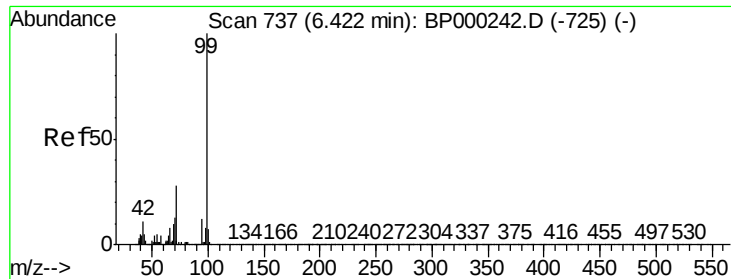


#5

2-Fluorophenol
Concen: 134.621 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000451.D
Acq: 27 Sep 2019 12:42

Tgt Ion:112 Resp: 1846934
Ion Ratio Lower Upper
112 100
64 41.2 36.2 54.4
63 21.3 18.3 27.5





#7

Phenol-d6

Concen: 137.602 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000451.D

Acq: 27 Sep 2019 12:42

Instrument :

BNA_P

ClientSampleId :

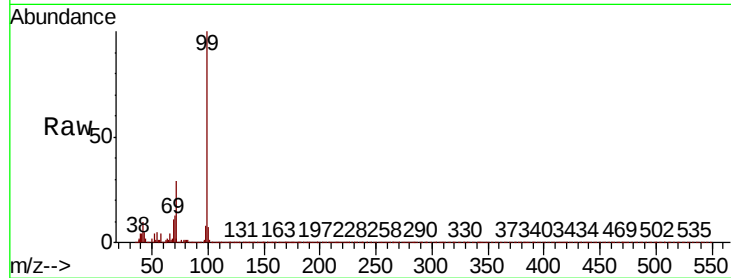
Tot Ion: 99 Resp: 2314095

Ion Ratio Lower Upper

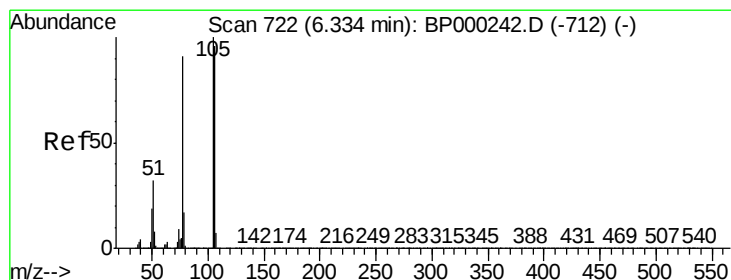
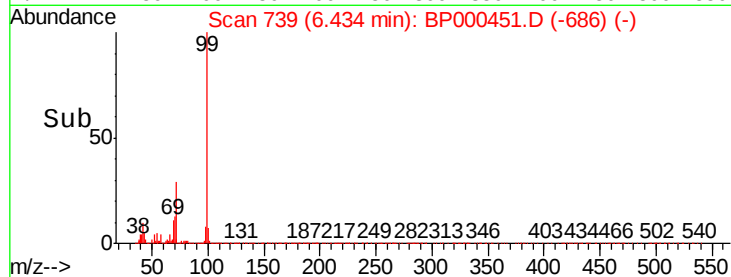
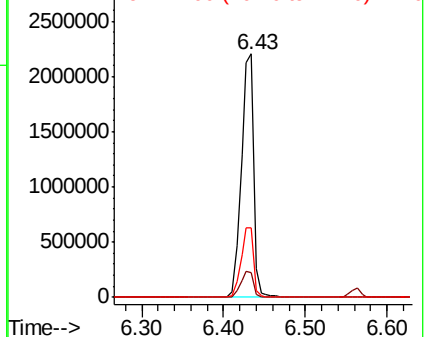
99 100

42 10.3 8.5 12.7

71 28.7 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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 739

Delta R.T. 0.10 min

Lab File: BP000451.D

Acq: 27 Sep 2019 12:42

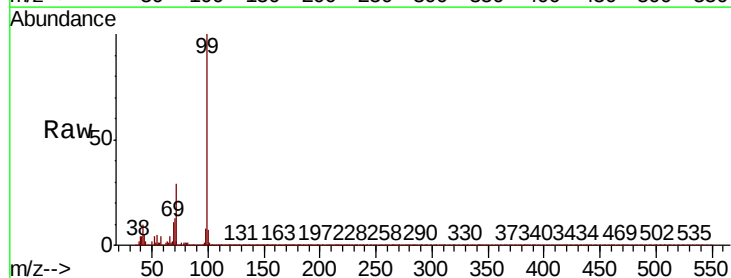
Tgt Ion: 77 Resp: 3126

Ion Ratio Lower Upper

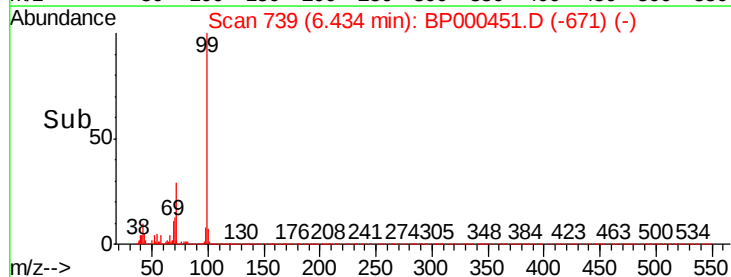
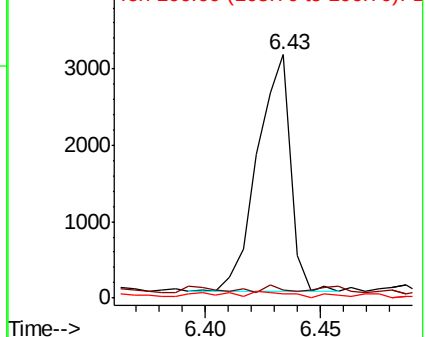
77 100

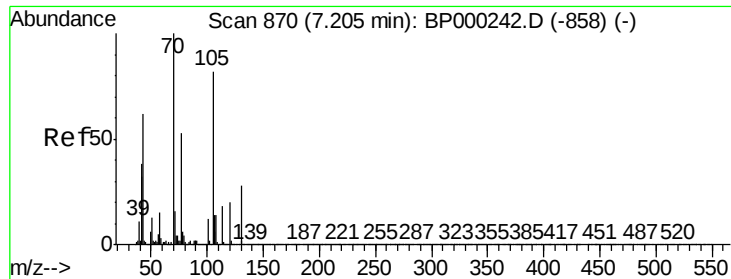
105 3.2 89.6 129.6#

106 1.9 84.6 124.6#



Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

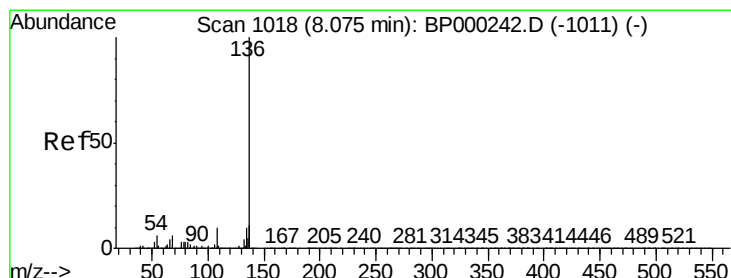
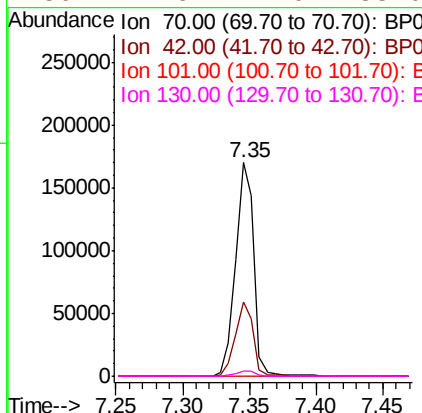
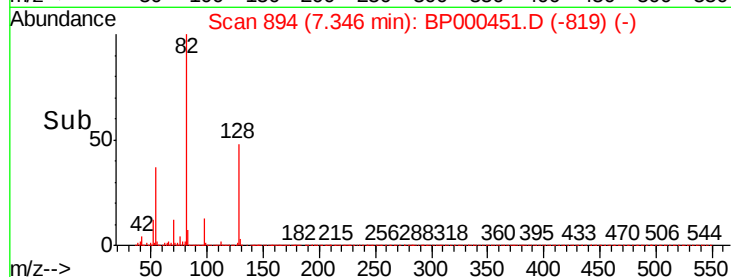
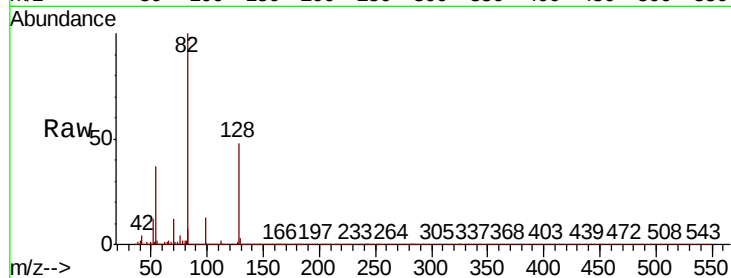




#19
n-Nitroso-di-n-propylamine
Concen: 18.290 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000451.D
Acq: 27 Sep 2019 12:42

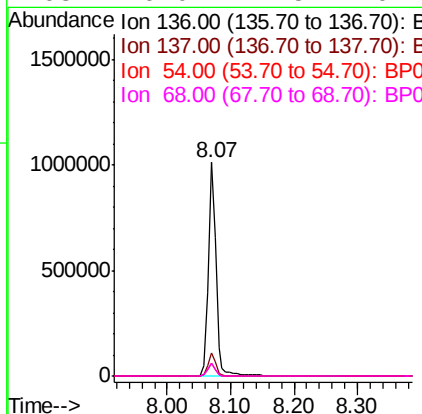
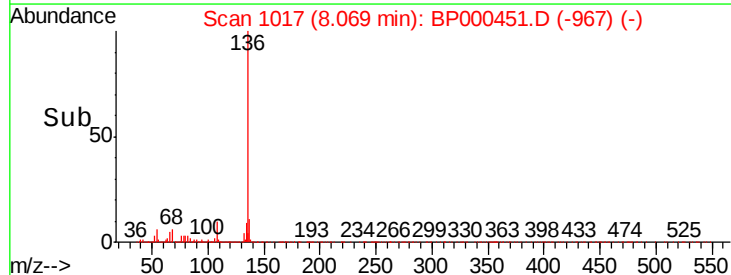
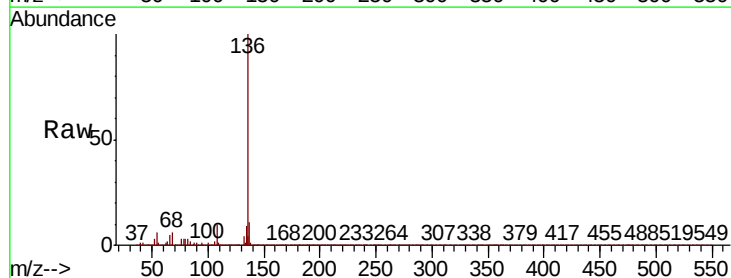
Instrument :
BNA_P
ClientSampled :

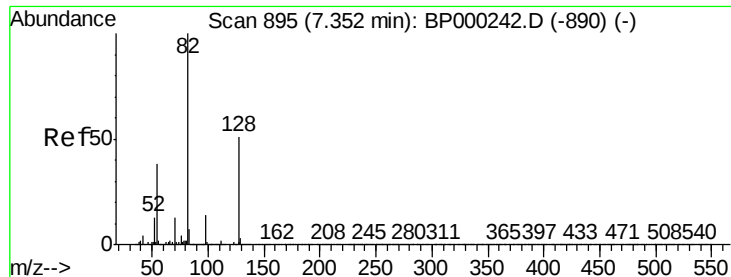
Tot Ion	Ratio	Lower	Upper
70	100		
42	34.5	30.7	46.1
101	0.0	9.6	14.4#
130	2.6	22.0	33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000451.D
Acq: 27 Sep 2019 12:42

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.9	4.5	6.7
68	6.0	4.5	6.7

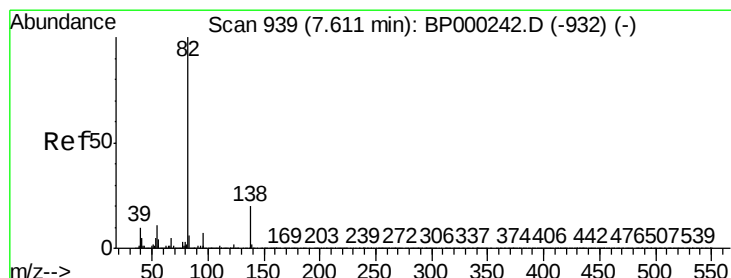
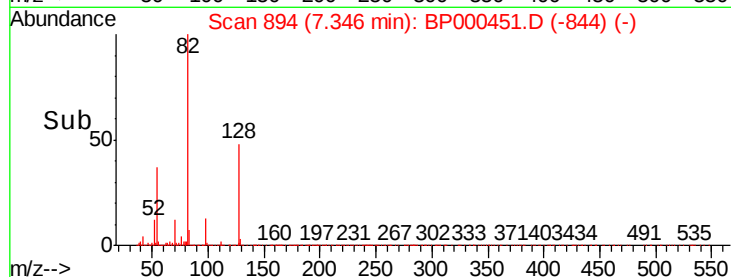
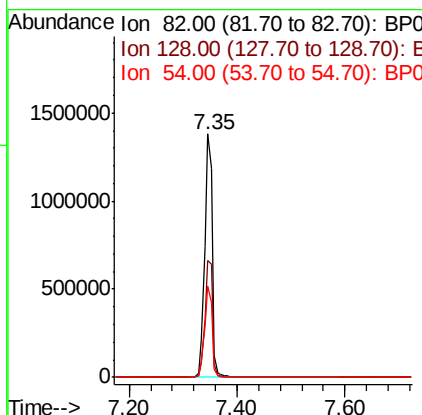
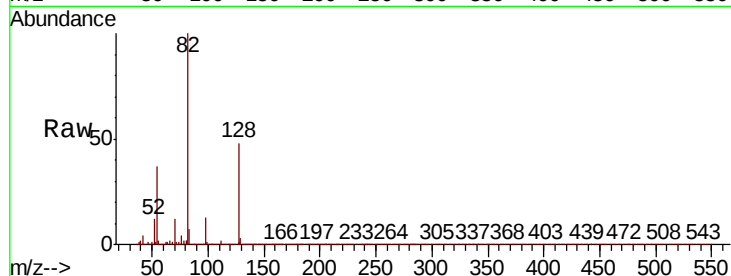




#23
Nitrobenzene-d5
Concen: 101.957 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000451.D
Acq: 27 Sep 2019 12:42

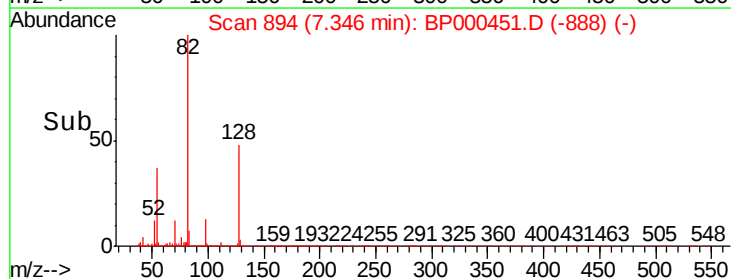
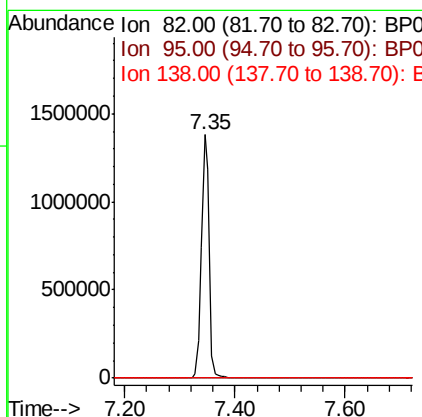
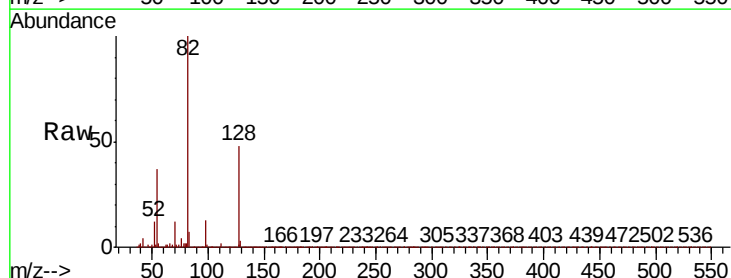
Instrument :
BNA_P
ClientSampleId :

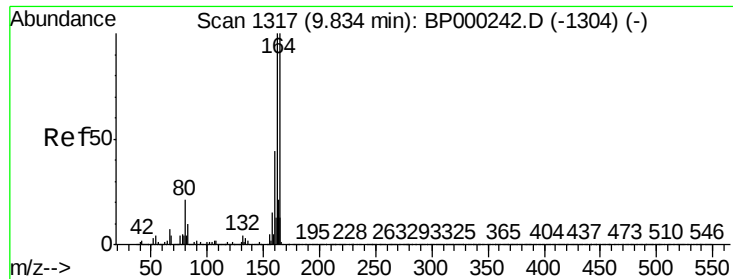
Tot Ion: 82 Resp: 1337541
Ion Ratio Lower Upper
82 100
128 48.1 40.7 61.1
54 37.4 30.1 45.1



#25
Isophorone
Concen: 51.479 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000451.D
Acq: 27 Sep 2019 12:42

Tgt Ion: 82 Resp: 1337269
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.9 23.9#

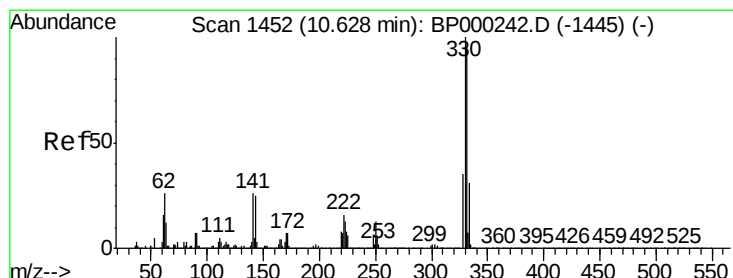
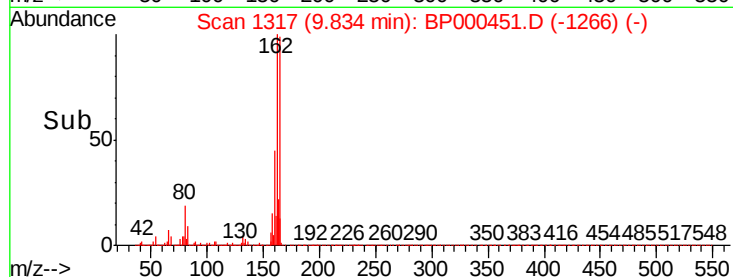
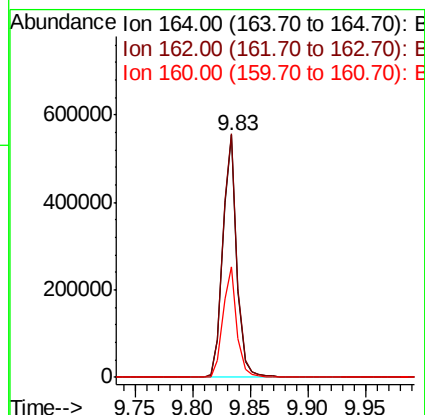
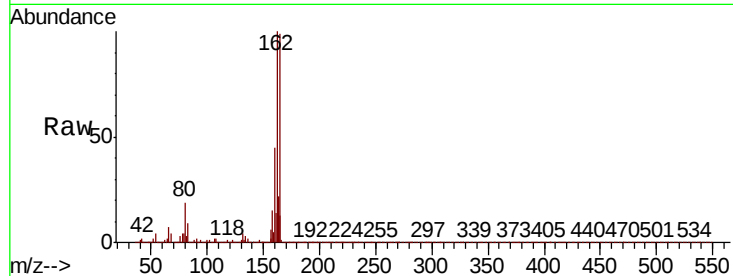




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000451.D
Acq: 27 Sep 2019 12:42

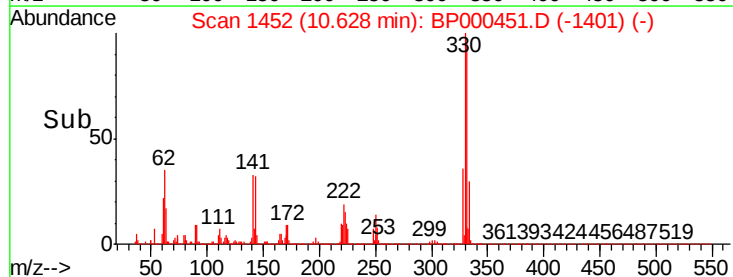
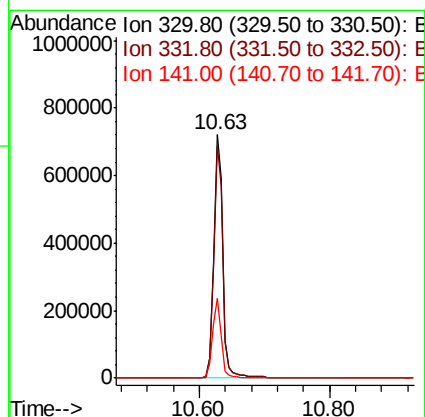
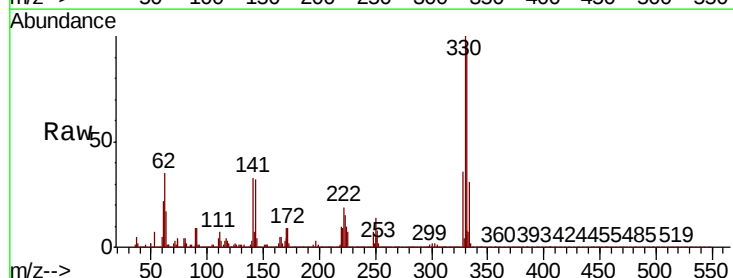
Instrument :
BNA_P
ClientSampleId :

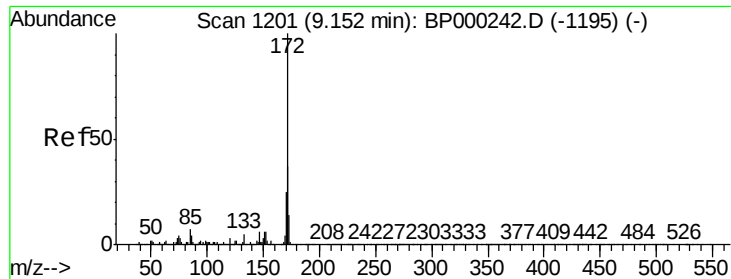
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.9	119.9
160	45.7	35.6	53.4



#42
2,4,6-Tribromophenol
Concen: 150.330 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000451.D
Acq: 27 Sep 2019 12:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	32.5	26.5	39.7

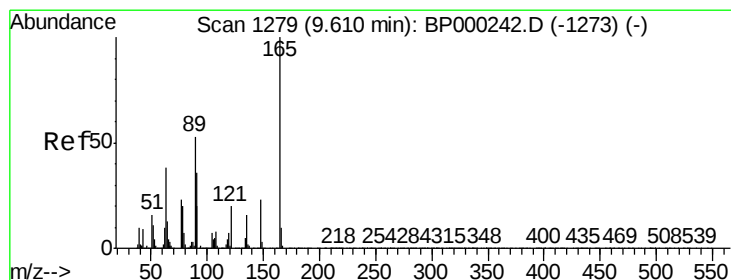
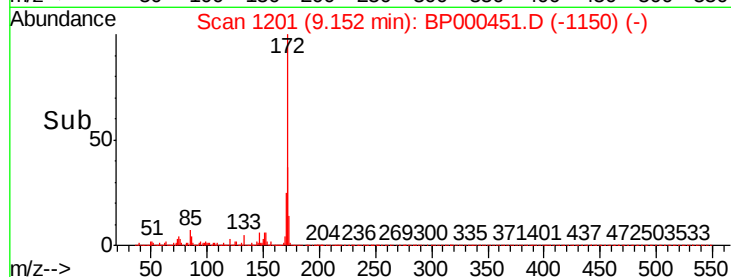
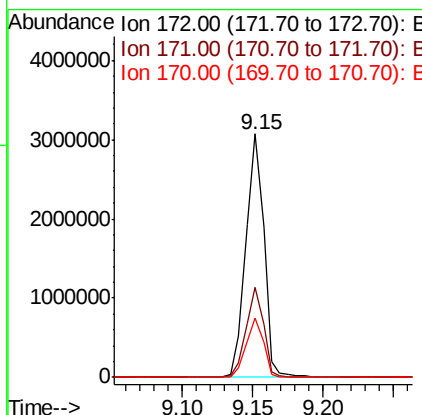
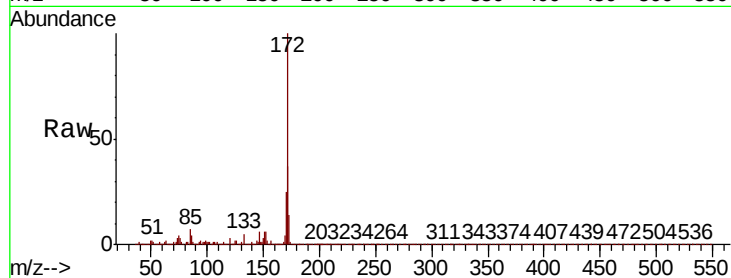




#45
 2-Fluorobiphenyl
 Concen: 107.323 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BP000451.D
 Acq: 27 Sep 2019 12:42

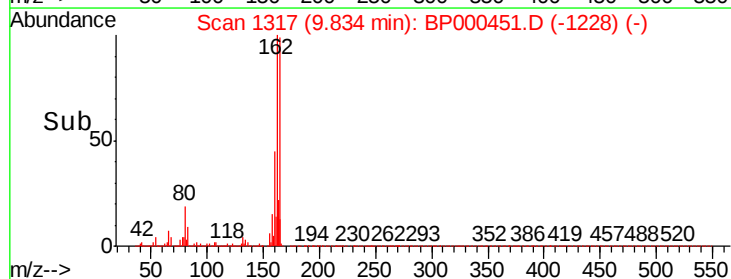
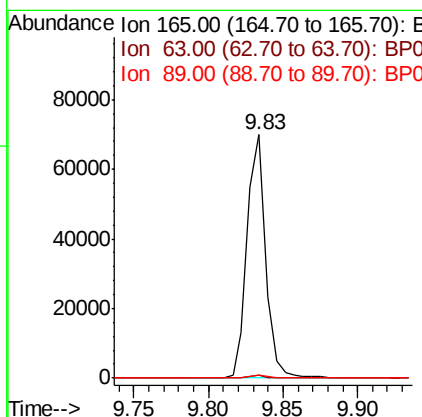
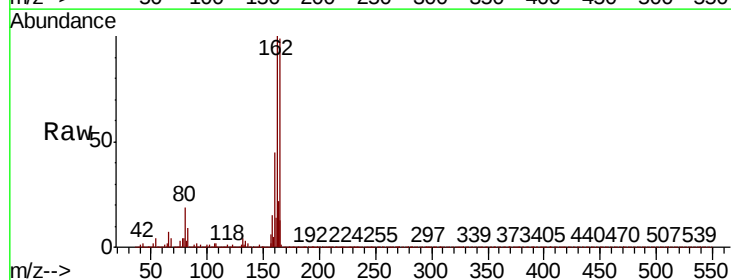
Instrument :
 BNA_P
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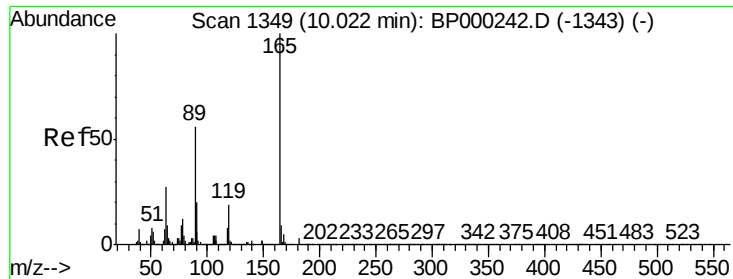
Tot Ion:172 Resp: 2757404
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 24.6 19.8 29.6



#51
 2,6-Dinitrotoluene
 Concen: 8.712 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.22 min
 Lab File: BP000451.D
 Acq: 27 Sep 2019 12:42

Tgt Ion:165 Resp: 60350
 Ion Ratio Lower Upper
 165 100
 63 1.0 35.8 53.8#
 89 1.1 42.6 63.8#

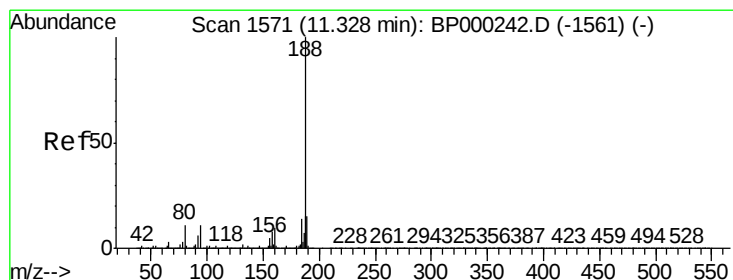
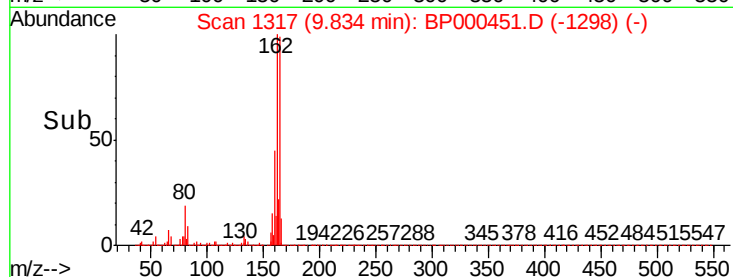
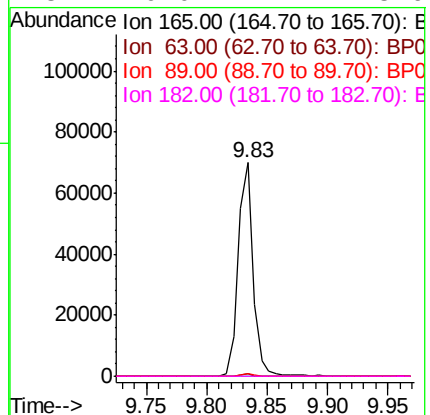
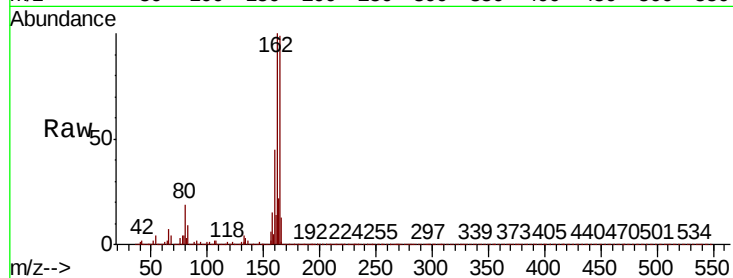




#57
2,4-Dinitrotoluene
Concen: 6.685 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000451.D
Acq: 27 Sep 2019 12:42

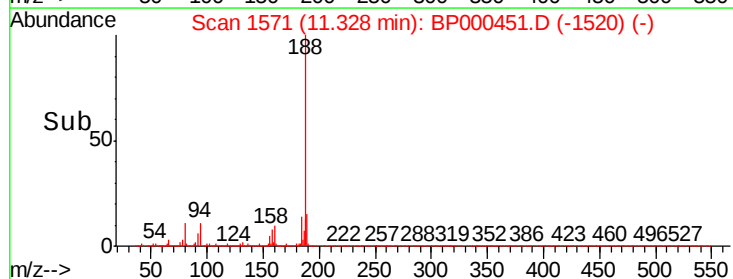
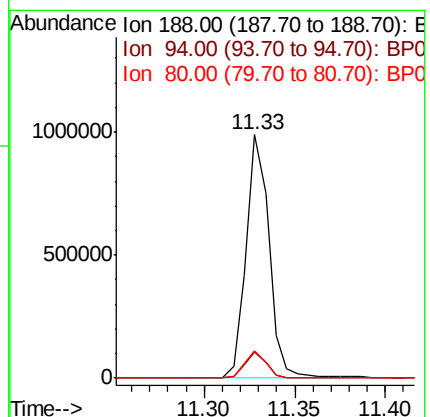
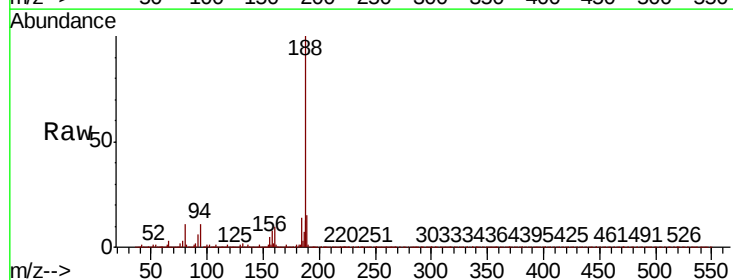
Instrument :
BNA_P
ClientSampleId :

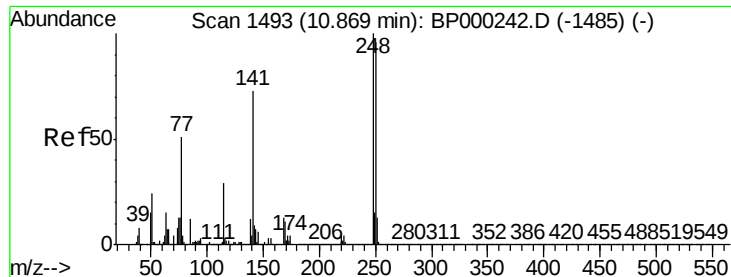
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	21.7	32.5#
89	1.1	45.0	67.6#
182	0.0	2.4	3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000451.D
Acq: 27 Sep 2019 12:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.0	8.6	13.0

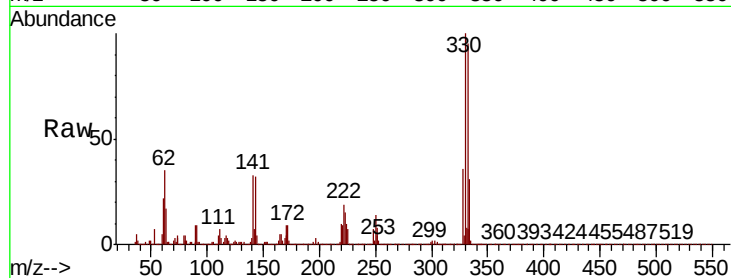




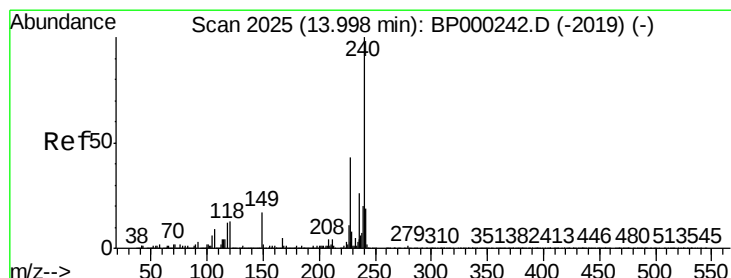
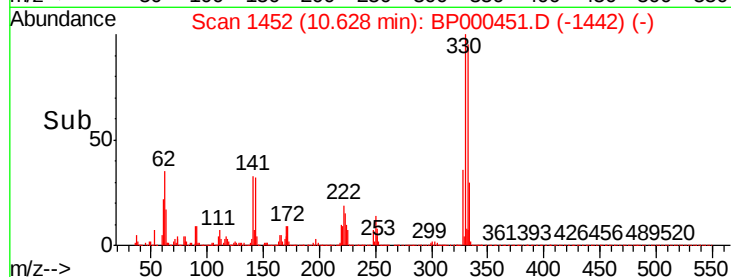
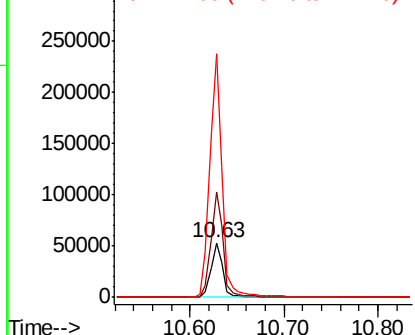
#67
4-Bromophenyl-phenylether
Concen: 4.907 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000451.D
Acq: 27 Sep 2019 12:42

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 48264
Ion Ratio Lower Upper
248 100
250 193.6 77.0 115.4#
141 447.4 58.5 87.7#

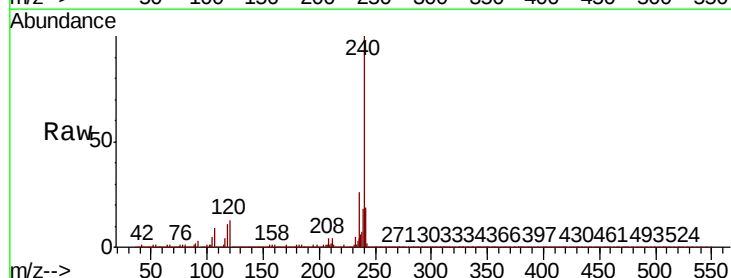


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

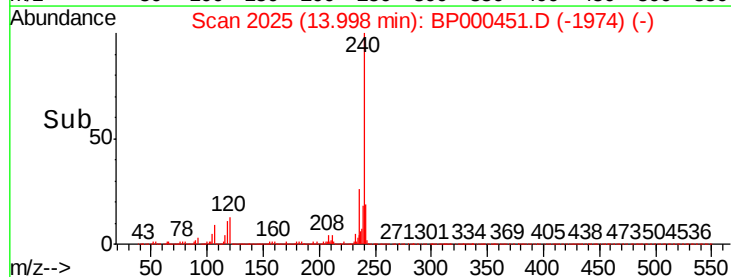
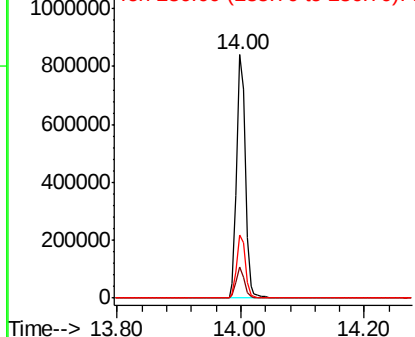


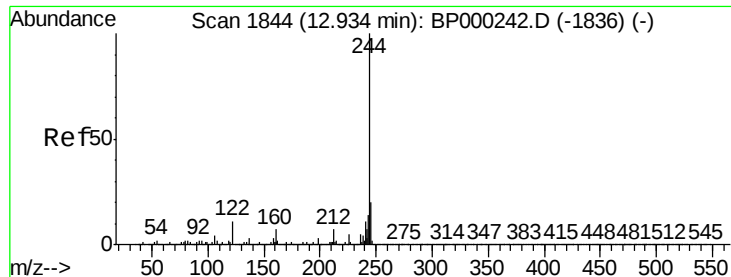
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BP000451.D
Acq: 27 Sep 2019 12:42

Tgt Ion:240 Resp: 803395
Ion Ratio Lower Upper
240 100
120 12.9 10.4 15.6
236 26.0 21.0 31.6



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: 88.934 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BP000451.D

Acq: 27 Sep 2019 12:42

Instrument :

BNA_P

ClientSampleId :

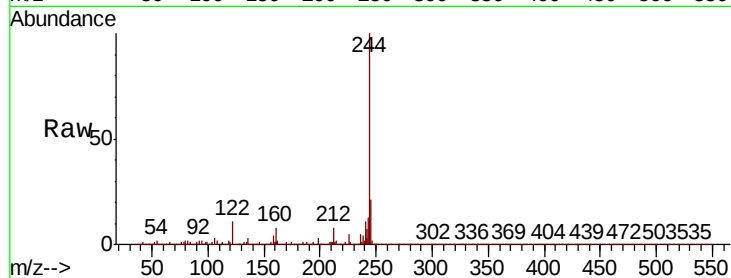
Tot Ion:244 Resp: 3405831

Ion Ratio Lower Upper

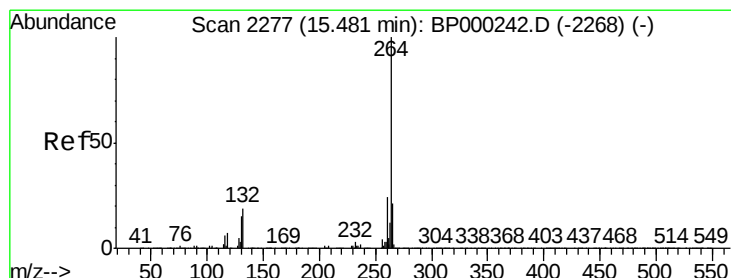
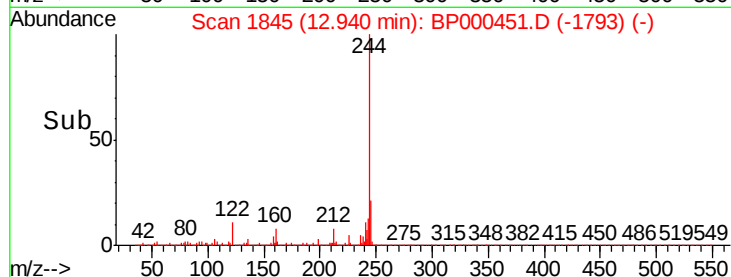
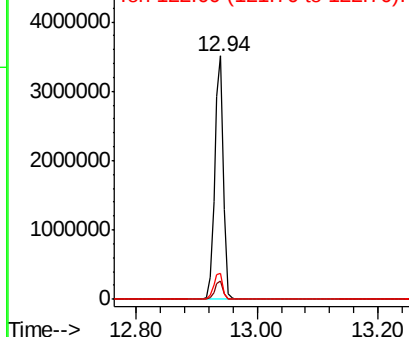
244 100

212 7.6 5.9 8.9

122 10.7 9.0 13.4



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BP000451.D

Acq: 27 Sep 2019 12:42

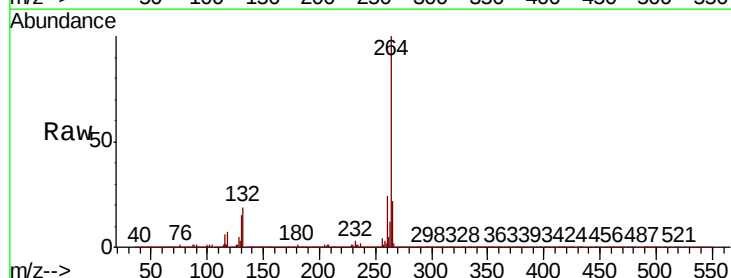
Tgt Ion:264 Resp: 899968

Ion Ratio Lower Upper

264 100

260 23.7 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

