

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000399.D
 Acq On : 24 Sep 2019 21:50
 Operator : JU
 Sample : K4997-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 25 01:17:30 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

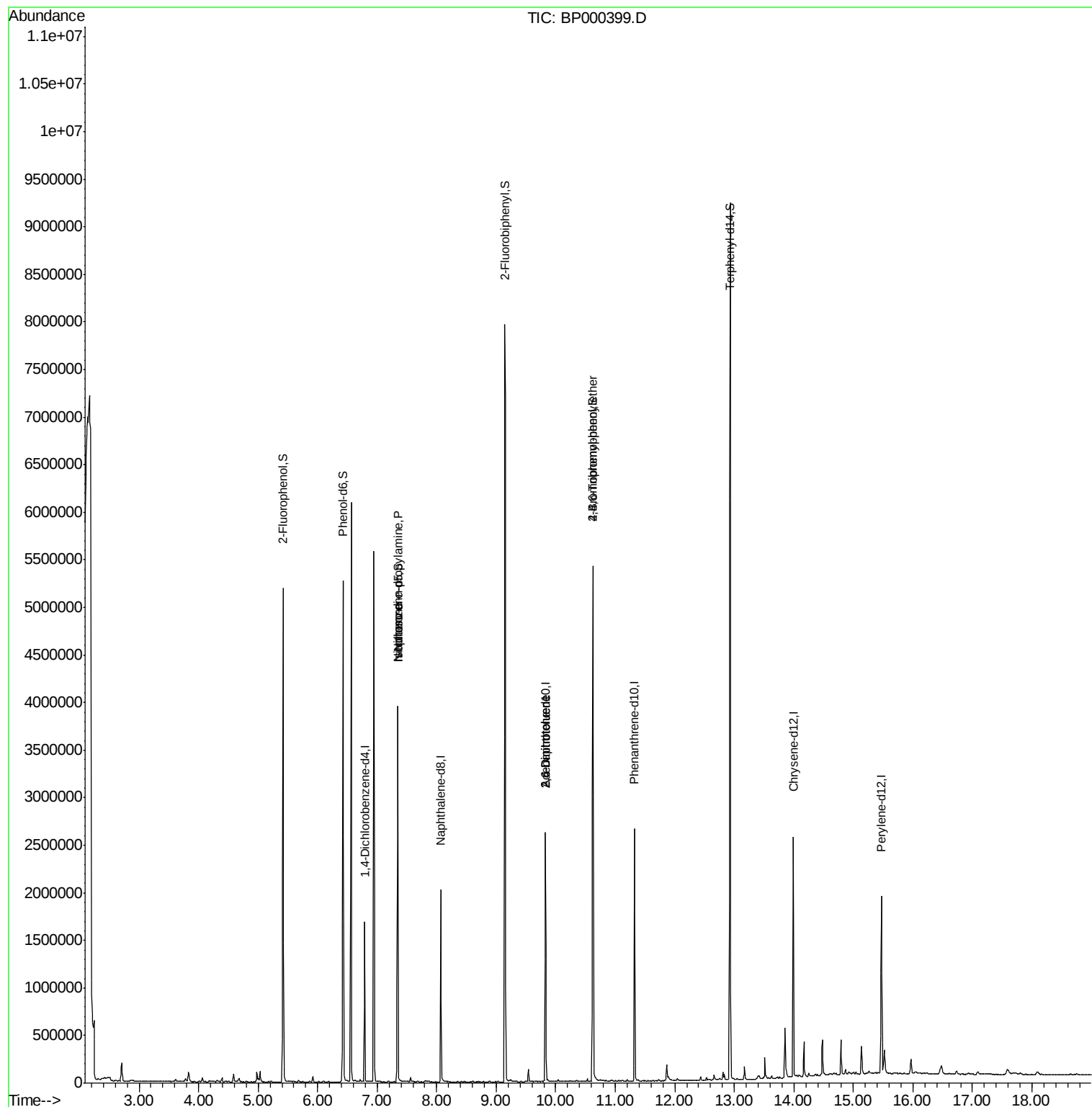
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	234114	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	854264	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	475000	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	893690	20.00	ng	0.00
76) Chrysene-d12	13.99	240	811493	20.00	ng	0.00
87) Perylene-d12	15.47	264	883303	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1698123	125.22	ng	0.02
7) Phenol-d6	6.43	99	2082140	125.26	ng	0.00
23) Nitrobenzene-d5	7.35	82	1225127	92.53	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	677594	143.82	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2563163	97.12	ng	0.00
79) Terphenyl-d14	12.93	244	3338036	86.29	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	2974	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propylamine	7.35	70	150396	17.112 ng	#	75
25) Isophorone	7.35	82	1224888	46.720 ng	#	63
51) 2,6-Dinitrotoluene	9.83	165	62809	8.827 ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	62859	6.757 ng	#	35
67) 4-Bromophenyl-phenylether	10.62	248	46320	4.583 ng	#	1
69) Atrazine	10.90	200	103	Below Cal		88

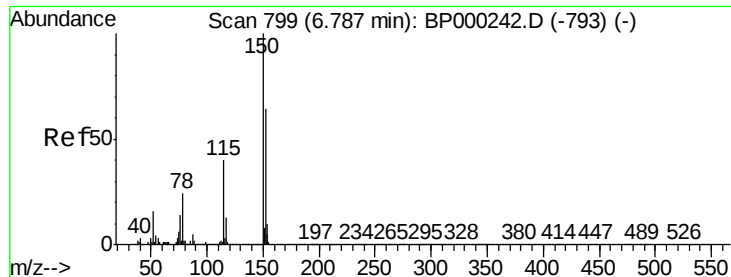
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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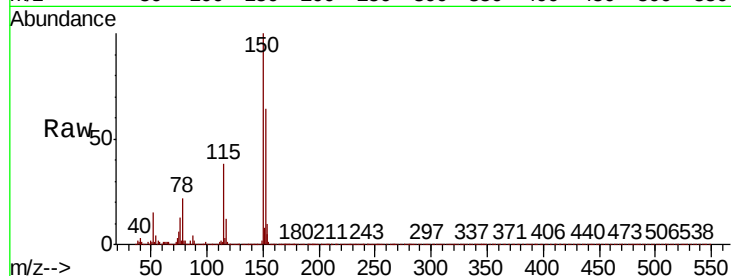


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000399.D
Acq: 24 Sep 2019 21:50

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.2	187.8
115	58.9	49.7	74.5

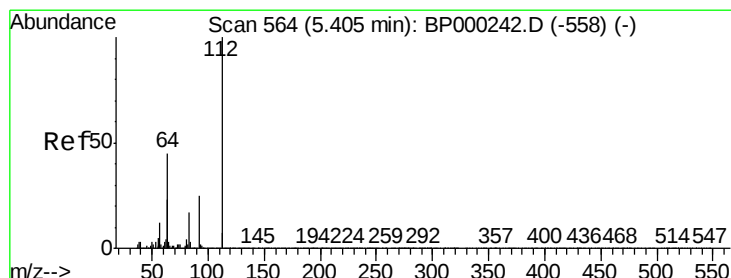
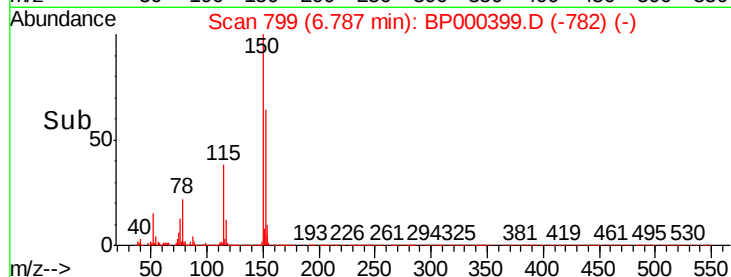
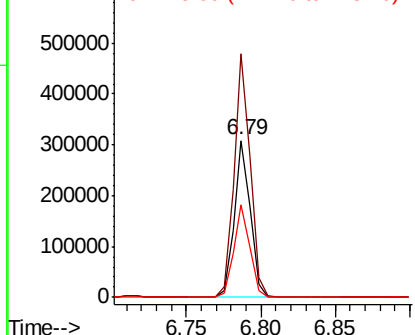


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

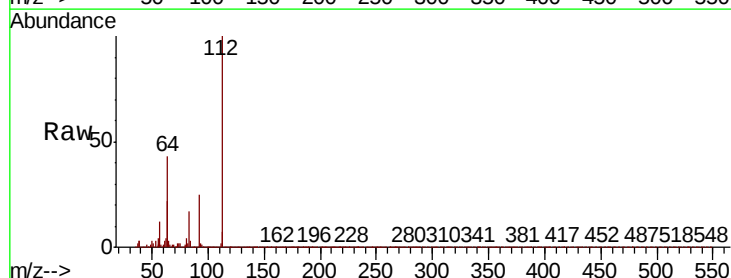
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.219 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000399.D
Acq: 24 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.8	36.2	54.4
63	22.2	18.3	27.5

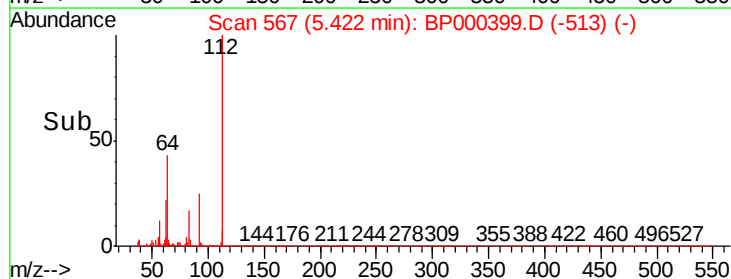
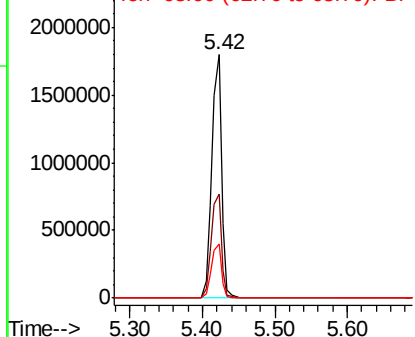


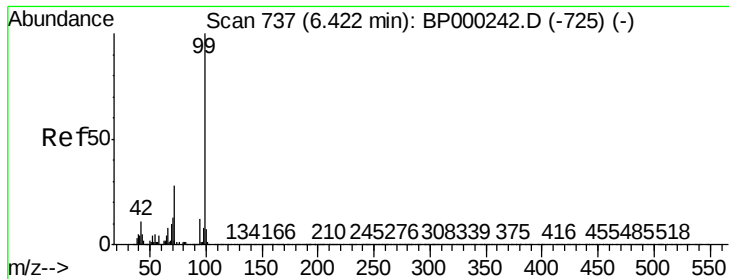
Abundance

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: 125.255 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000399.D

Acq: 24 Sep 2019 21:50

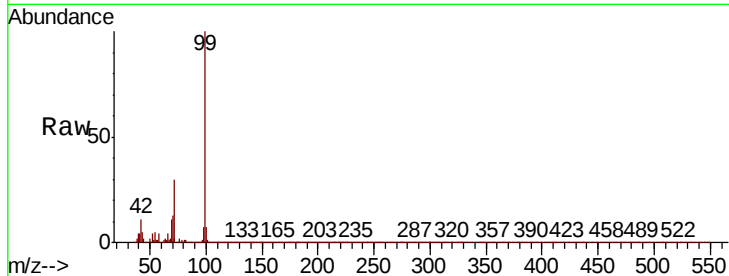
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 2082140

Ion	Ratio	Lower	Upper
99	100		
42	11.0	8.5	12.7
71	29.9	22.6	34.0

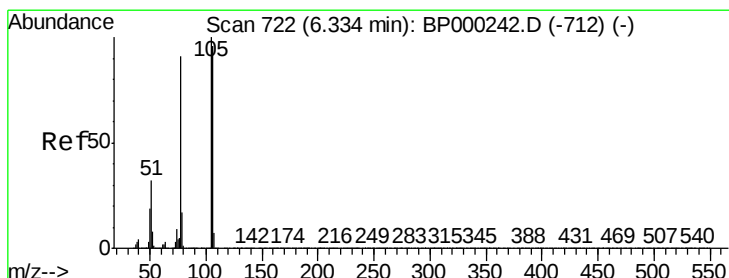
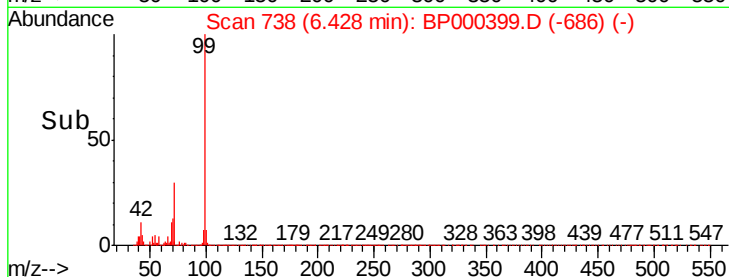
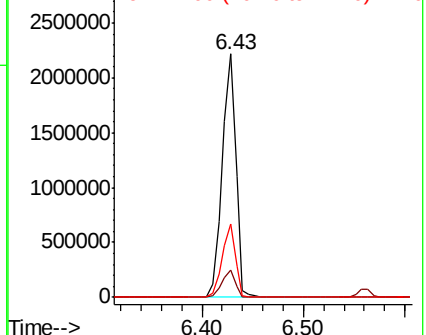


Abundance

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# 738

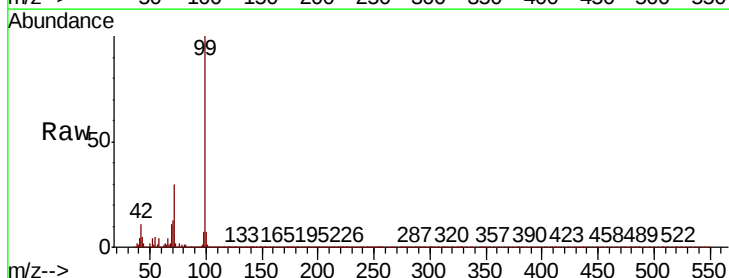
Delta R.T. 0.09 min

Lab File: BP000399.D

Acq: 24 Sep 2019 21:50

Tgt Ion: 77 Resp: 2974

Ion	Ratio	Lower	Upper
77	100		
105	5.4	89.6	129.6#
106	1.5	84.6	124.6#

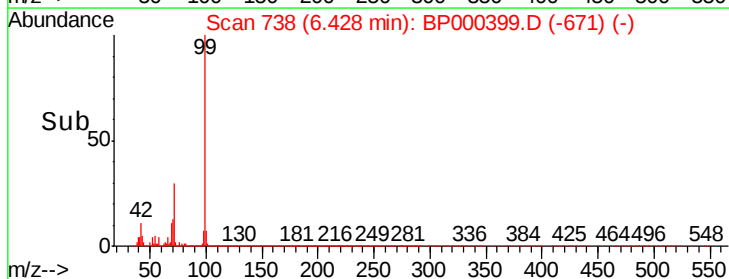
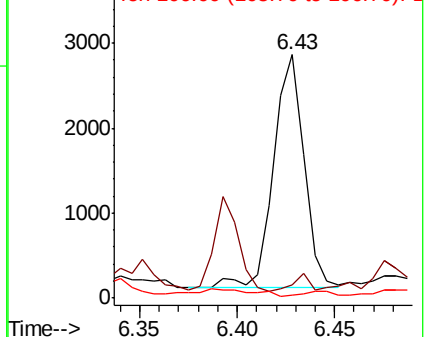


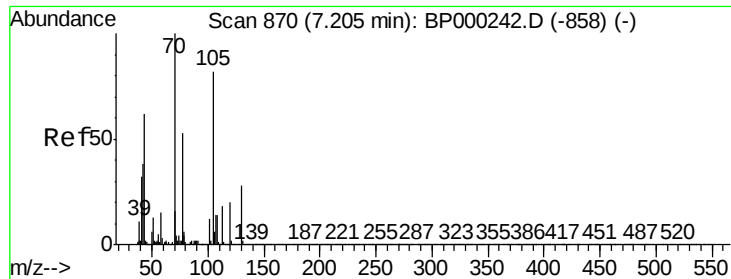
Abundance

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

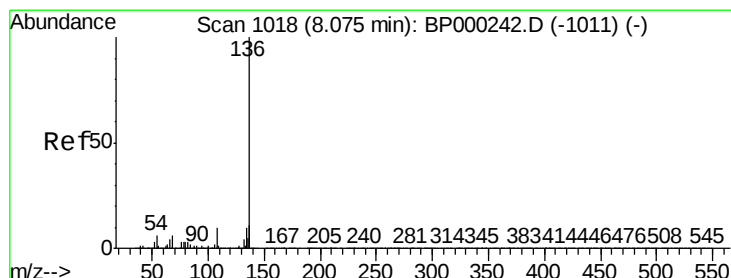
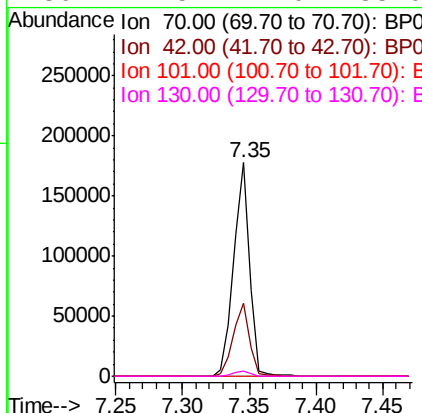
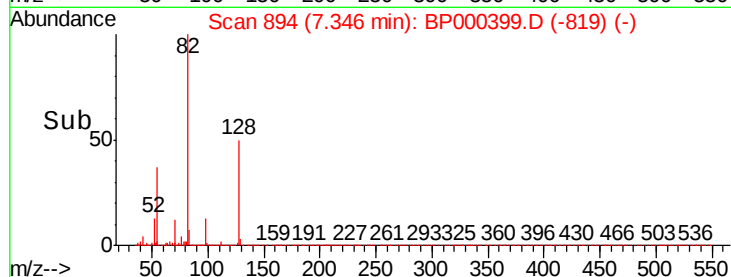
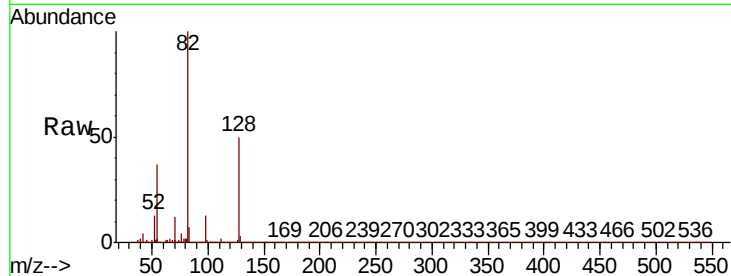




#19
n-Nitroso-di-n-propylamine
Concen: 17.112 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000399.D
Acq: 24 Sep 2019 21:50

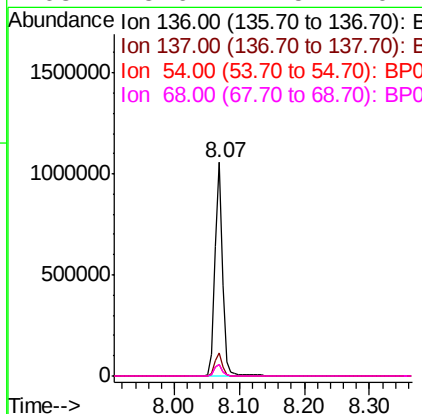
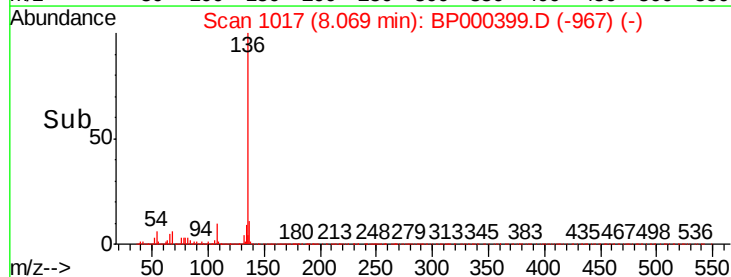
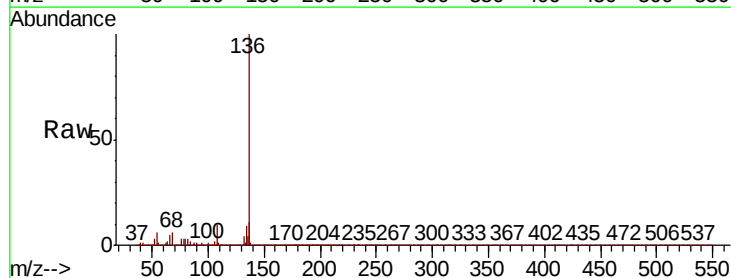
Instrument :
BNA_P
ClientSampleId :

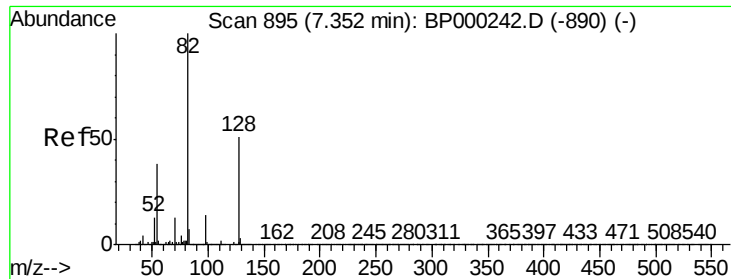
Tot Ion:	70	Resp:	150396
Ion	Ratio	Lower	Upper
70	100		
42	34.3	30.7	46.1
101	0.0	9.6	14.4#
130	2.5	22.0	33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000399.D
Acq: 24 Sep 2019 21:50

Tgt Ion:	136	Resp:	854264
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.7	4.5	6.7
68	5.6	4.5	6.7

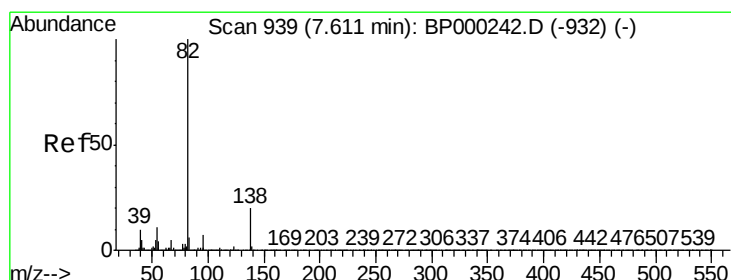
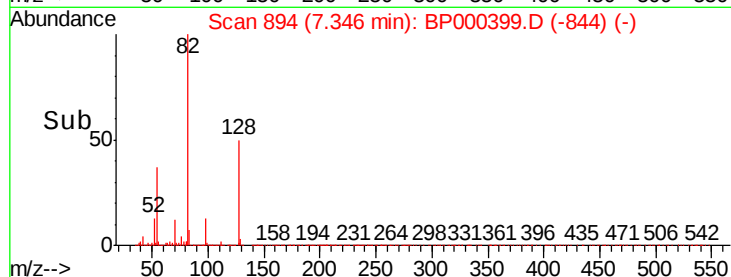
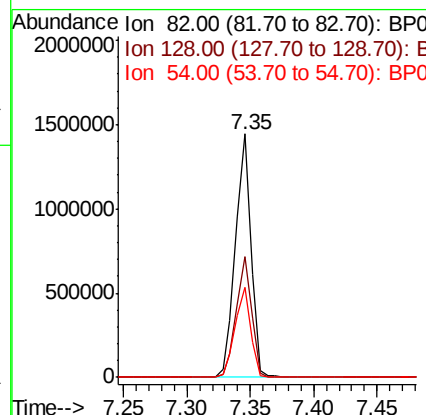
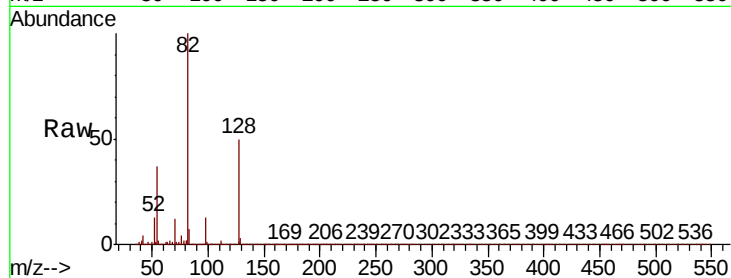




#23
Nitrobenzene-d5
Concen: 92.529 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000399.D
Acq: 24 Sep 2019 21:50

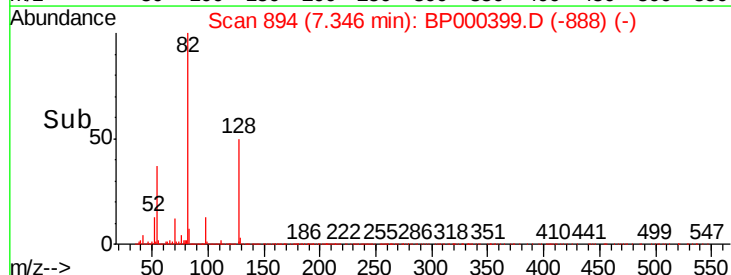
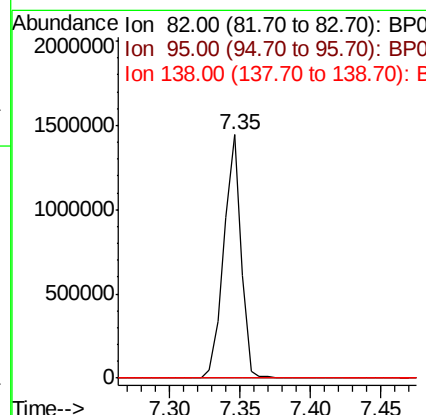
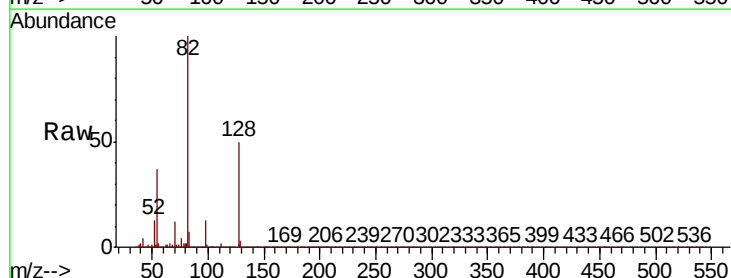
Instrument :
BNA_P
ClientSampleId :

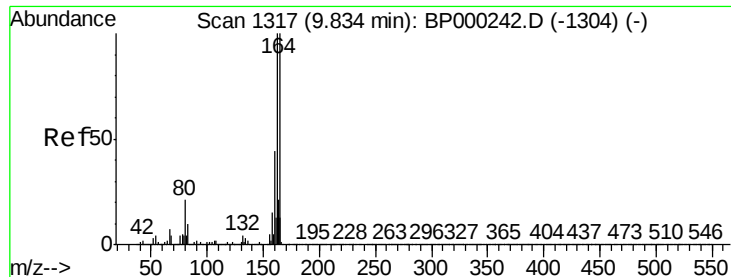
Tot Ion: 82 Resp: 1225127
Ion Ratio Lower Upper
82 100
128 49.6 40.7 61.1
54 37.2 30.1 45.1



#25
Isophorone
Concen: 46.720 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000399.D
Acq: 24 Sep 2019 21:50

Tgt Ion: 82 Resp: 1224888
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# 1316

Delta R.T. -0.01 min

Lab File: BP000399.D

Acq: 24 Sep 2019 21:50

Instrument :

BNA_P

ClientSampleId :

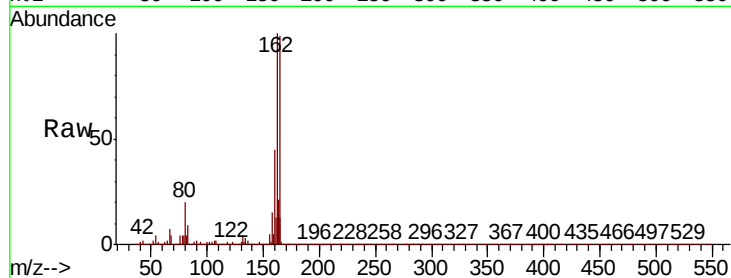
Tot Ion:164 Resp: 475000

Ion Ratio Lower Upper

164 100

162 100.9 79.9 119.9

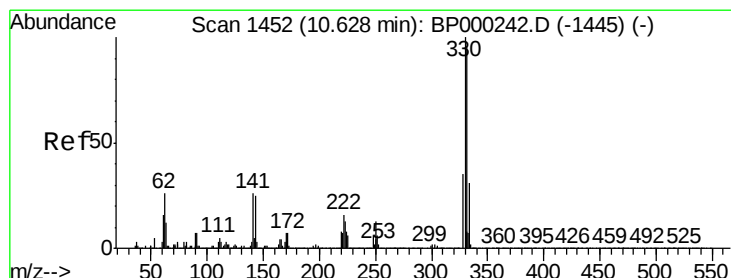
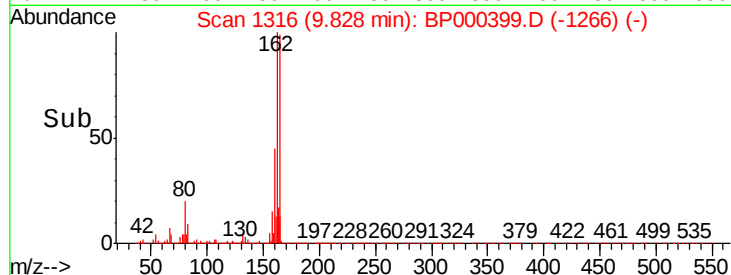
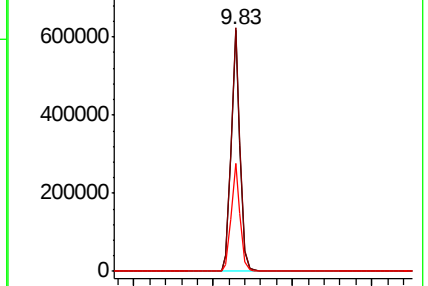
160 44.9 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 143.821 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BP000399.D

Acq: 24 Sep 2019 21:50

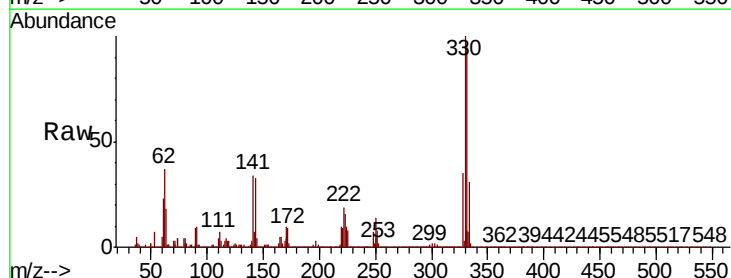
Tgt Ion:330 Resp: 677594

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

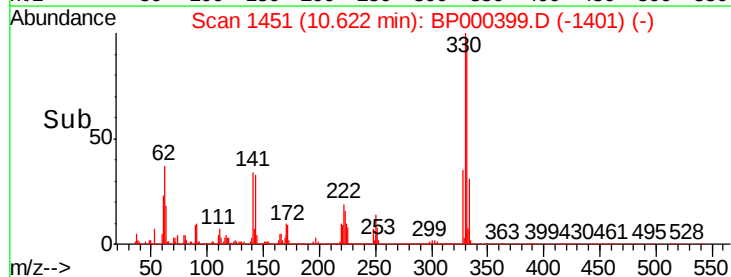
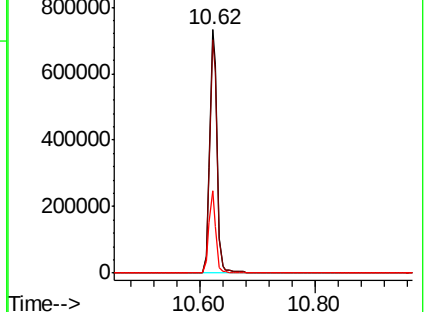
141 32.5 26.5 39.7

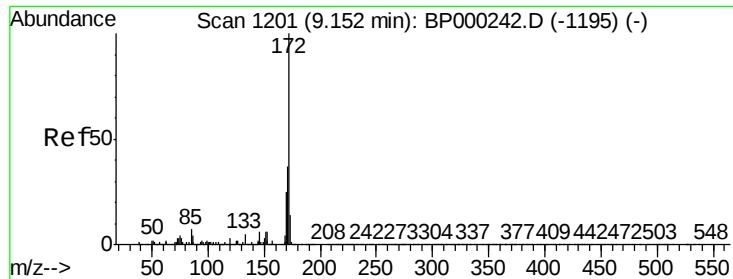


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

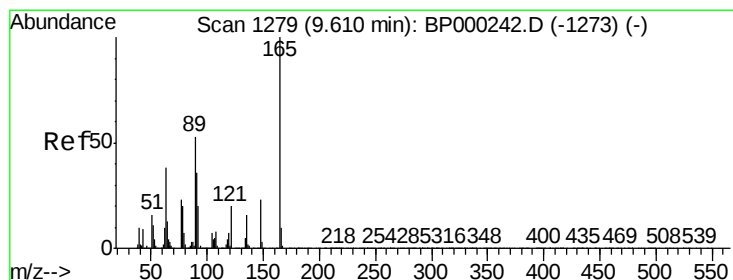
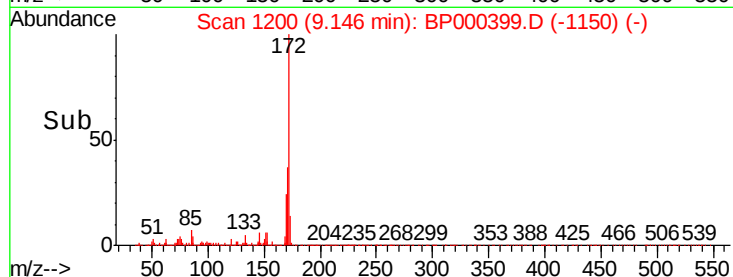
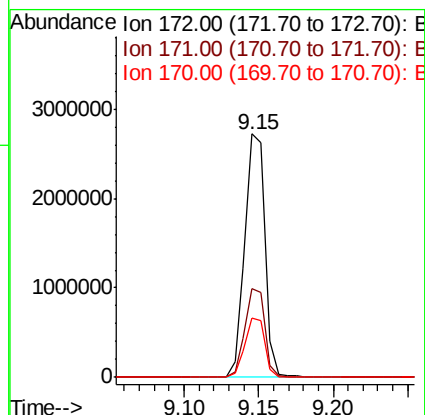
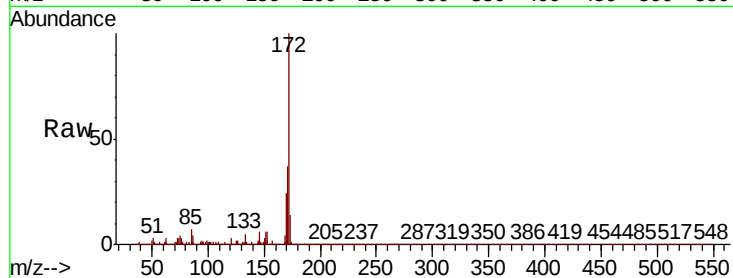




#45
2-Fluorobiphenyl
Concen: 97.120 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000399.D
Acq: 24 Sep 2019 21:50

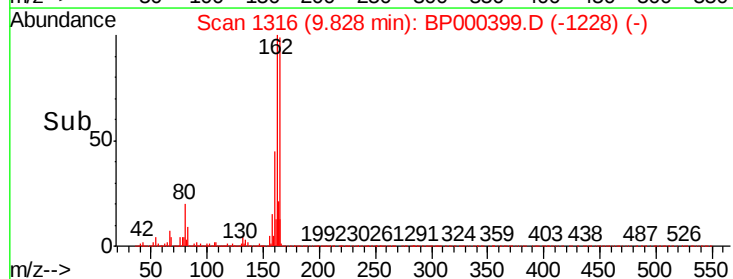
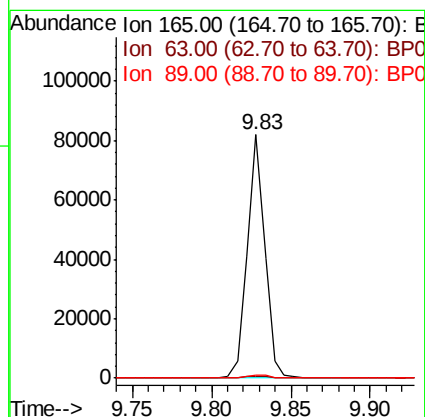
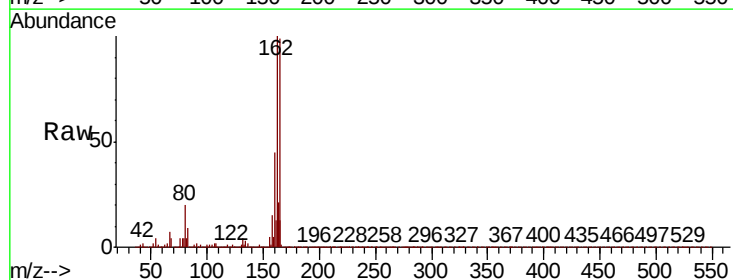
Instrument :
BNA_P
ClientSampleId :

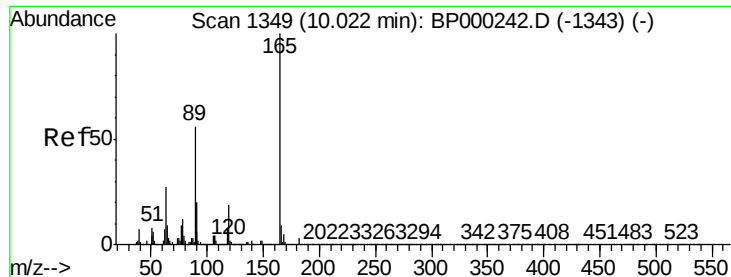
Tot Ion:172 Resp: 2563163
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.3 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.827 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.22 min
Lab File: BP000399.D
Acq: 24 Sep 2019 21:50

Tgt Ion:165 Resp: 62809
Ion Ratio Lower Upper
165 100
63 0.9 35.8 53.8#
89 1.2 42.6 63.8#





#57

2,4-Dinitrotoluene

Concen: 6.757 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BP000399.D

Acq: 24 Sep 2019 21:50

Instrument :

BNA_P

ClientSampleId :

Tot Ion:165 Resp: 62859

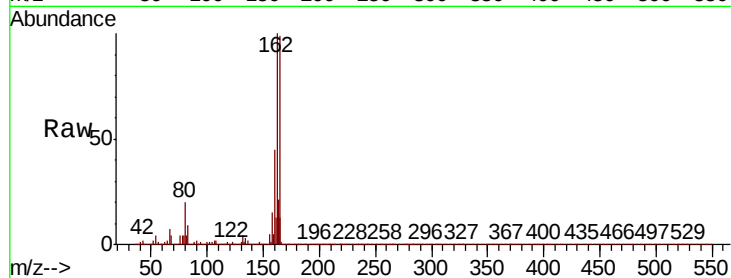
Ion Ratio Lower Upper

165 100

63 0.9 21.7 32.5#

89 1.2 45.0 67.6#

182 0.0 2.4 3.6#

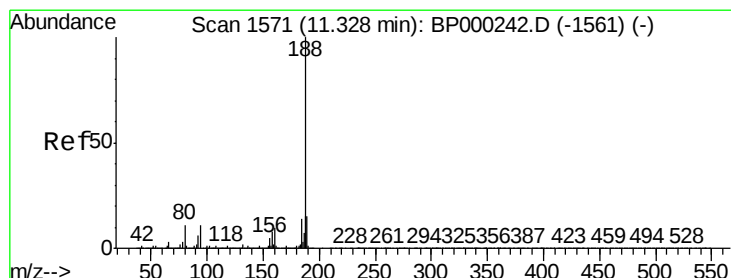
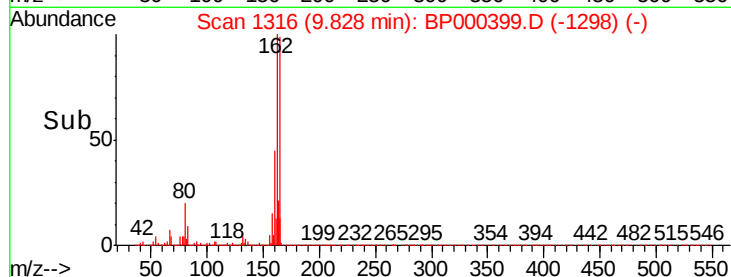
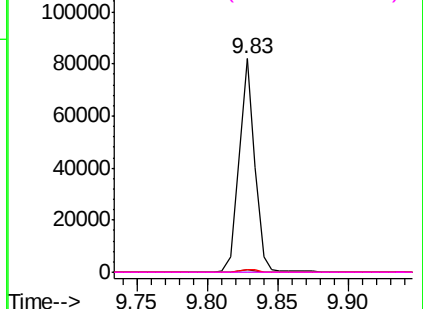


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BP000399.D

Acq: 24 Sep 2019 21:50

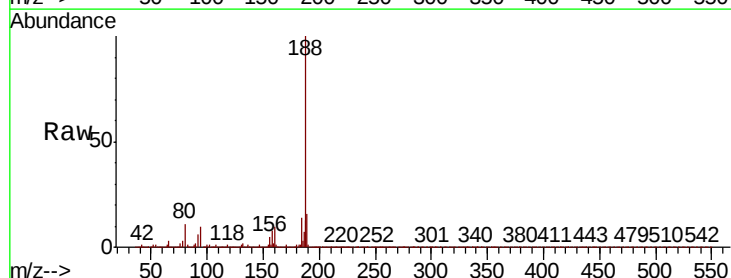
Tgt Ion:188 Resp: 893690

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

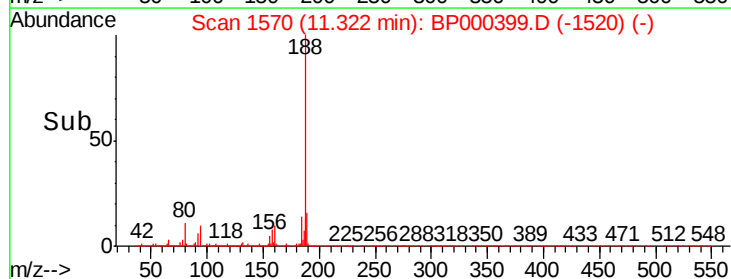
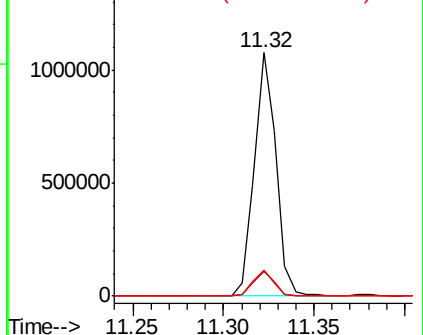
80 10.8 8.6 13.0

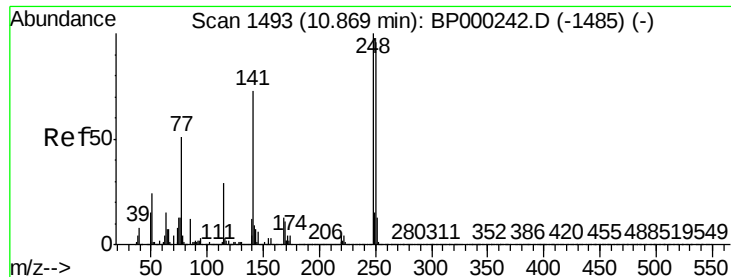


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

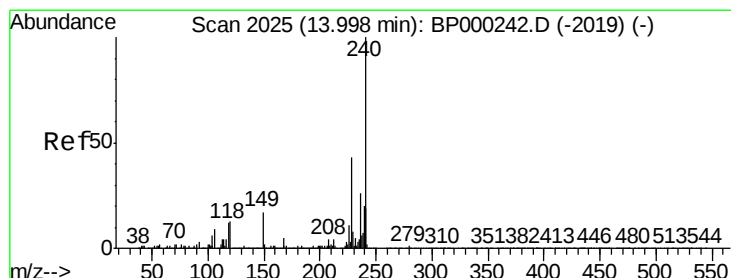
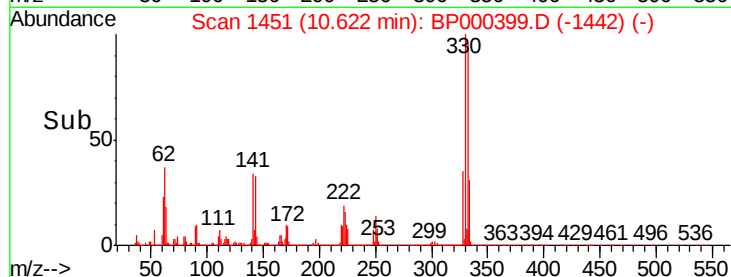
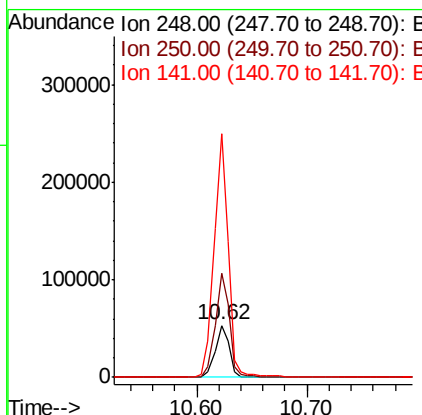
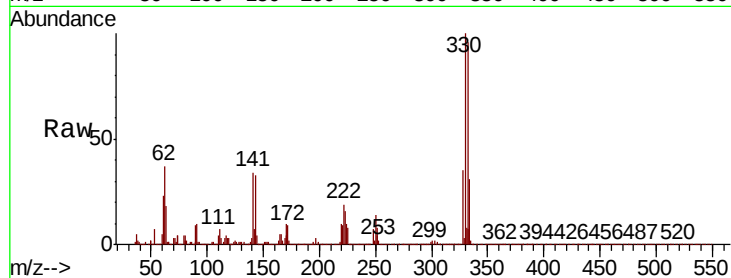




#67
4-Bromophenyl-phenylether
Concen: 4.583 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BP000399.D
Acq: 24 Sep 2019 21:50

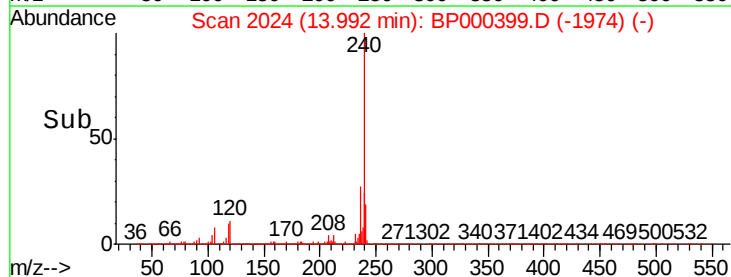
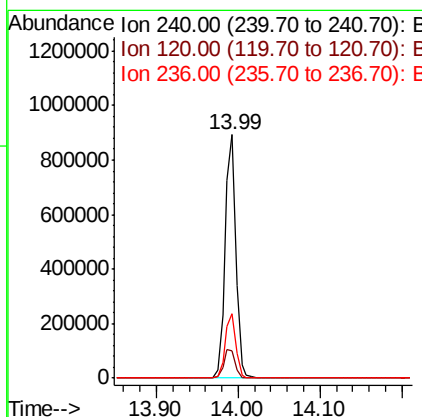
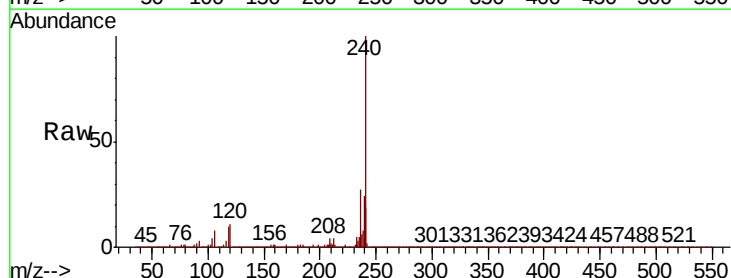
Instrument :
BNA_P
ClientSampleId :

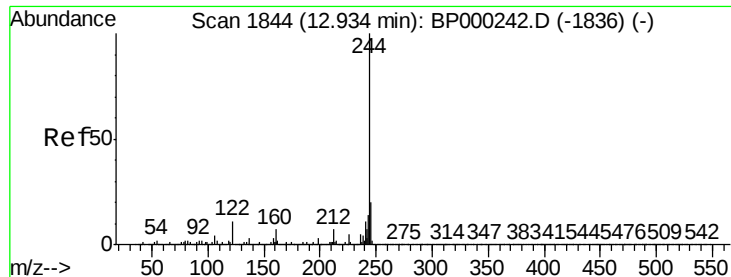
Tot Ion:248 Resp: 46320
Ion Ratio Lower Upper
248 100
250 200.5 77.0 115.4#
141 471.2 58.5 87.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000399.D
Acq: 24 Sep 2019 21:50

Tgt Ion:240 Resp: 811493
Ion Ratio Lower Upper
240 100
120 11.1 10.4 15.6
236 26.6 21.0 31.6





#79

Terphenyl-d14

Concen: 86.294 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000399.D

Acq: 24 Sep 2019 21:50

Instrument :

BNA_P

ClientSampleId :

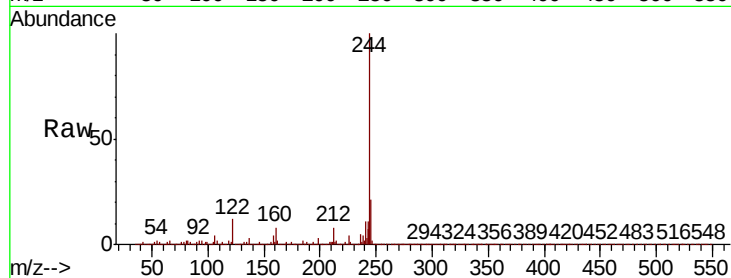
Tot Ion:244 Resp: 3338036

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

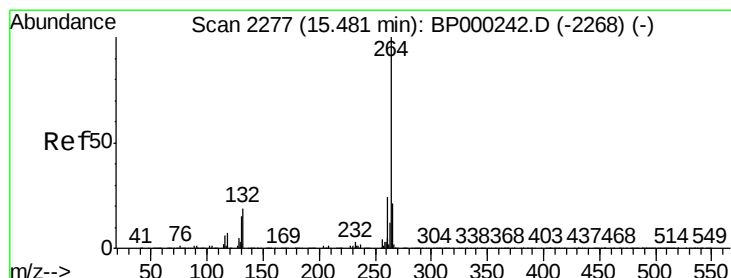
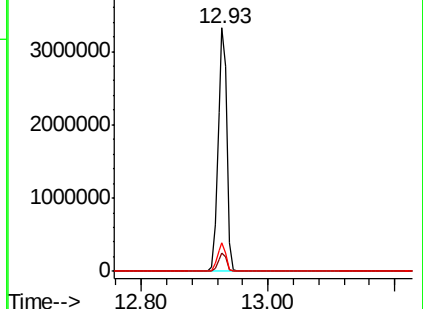
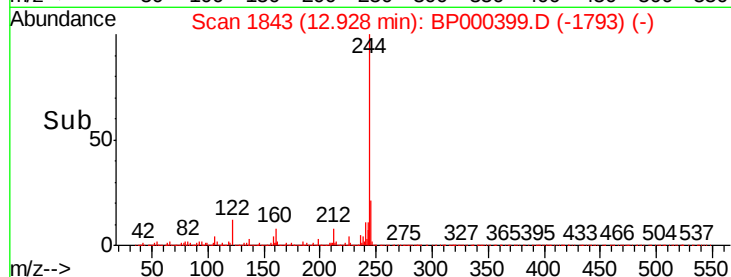
122 11.6 9.0 13.4



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: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BP000399.D

Acq: 24 Sep 2019 21:50

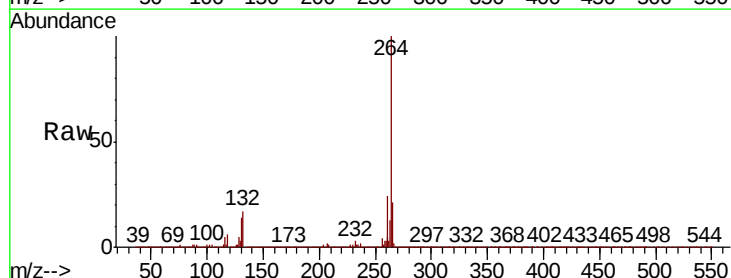
Tgt Ion:264 Resp: 883303

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 21.3 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

