

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000444.D
 Acq On : 27 Sep 2019 03:02
 Operator : JU
 Sample : K4657-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 05:44:21 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

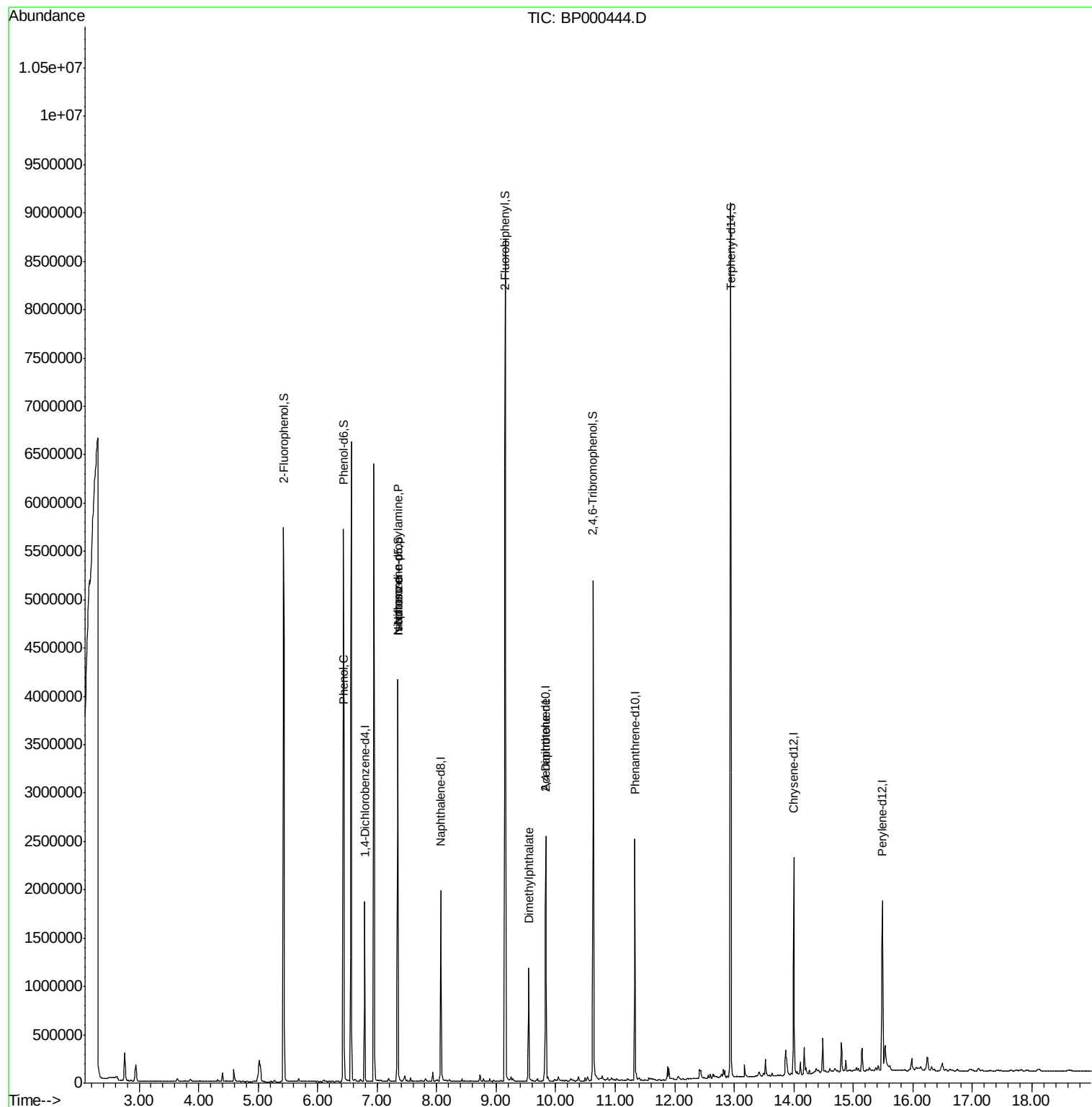
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	259022	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	930456	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	502158	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	889326	20.00	ng	0.00
76) Chrysene-d12	14.00	240	740507	20.00	ng	0.00
87) Perylene-d12	15.49	264	801314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1967127	131.11	ng	0.02
7) Phenol-d6	6.43	99	2416674	131.40	ng	0.01
23) Nitrobenzene-d5	7.35	82	1450356	100.57	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	743990	149.37	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2987069	107.06	ng	0.00
79) Terphenyl-d14	12.94	244	3290855	93.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.34	77	1823	Below Cal		Qvalue 98
10) Phenol	6.45	94	45859	2.195 ng		98
19) n-Nitroso-di-n-propylamine	7.35	70	178431	18.349 ng	#	75
25) Isophorone	7.35	82	1450126	50.781 ng	#	63
50) Dimethylphthalate	9.55	163	495670	14.488 ng		99
57) 2,4-Dinitrotoluene	9.83	165	66009	6.712 ng	#	35
69) Atrazine	11.02	200	2070	Below Cal		85

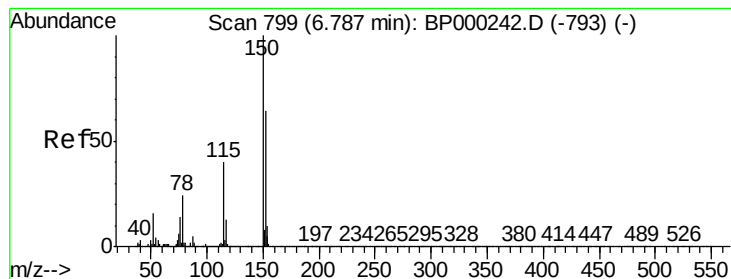
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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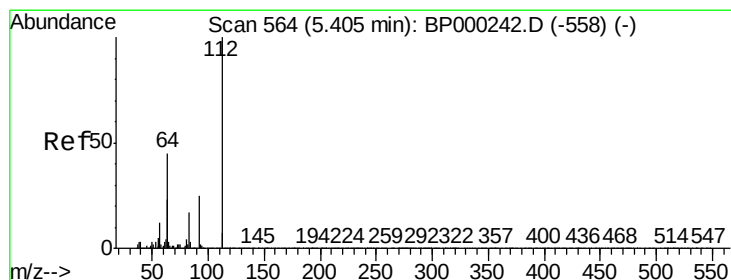
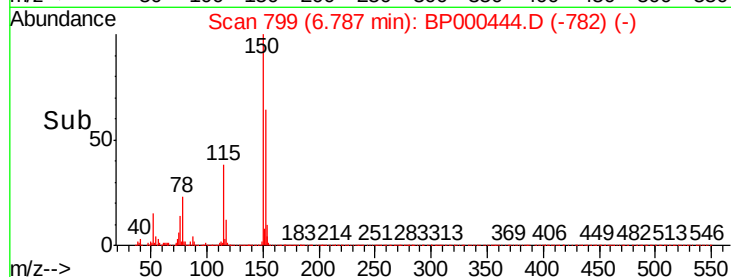
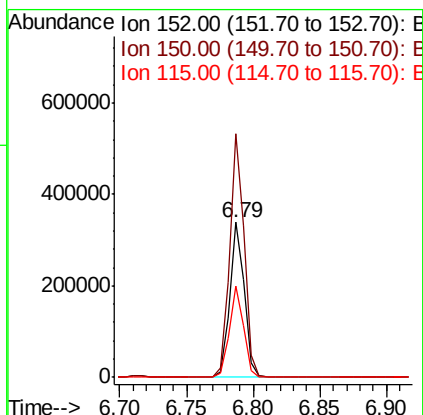
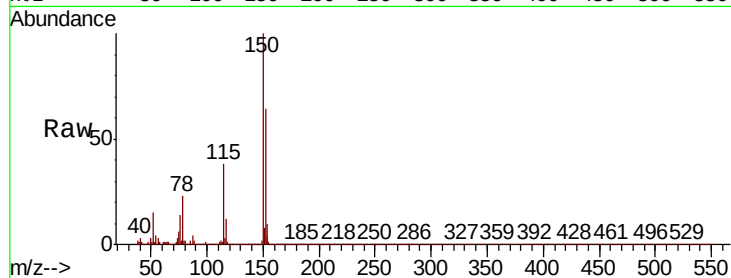


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000444.D
Acq: 27 Sep 2019 03:02

Instrument :
BNA_P
ClientSampleId :

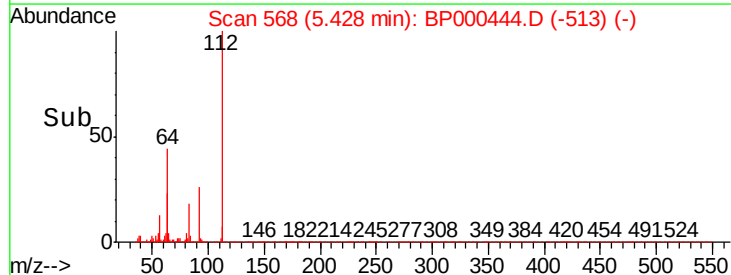
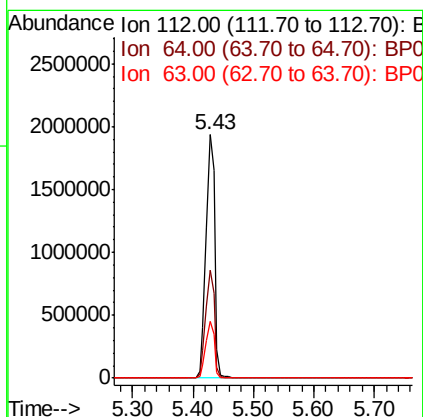
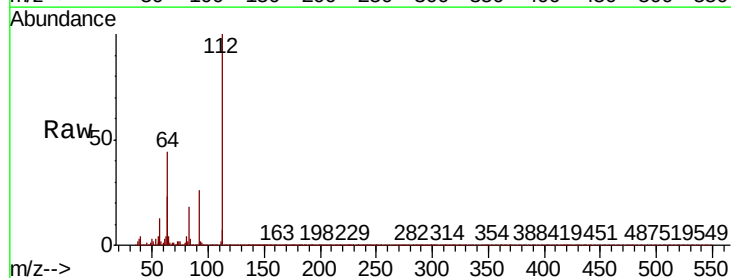
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.2	187.8
115	59.3	49.7	74.5

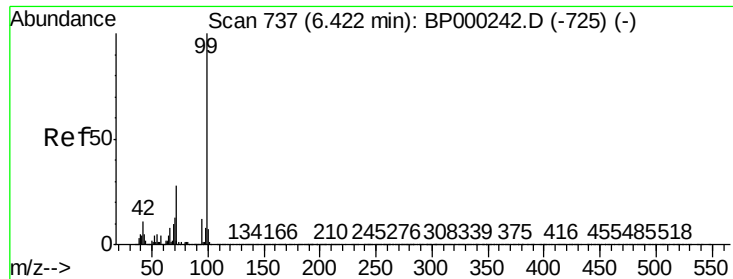


#5

2-Fluorophenol
Concen: 131.107 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BP000444.D
Acq: 27 Sep 2019 03:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.1	36.2	54.4
63	23.1	18.3	27.5





#7

Phenol-d6

Concen: 131.400 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

Instrument :

BNA_P

ClientSampleId :

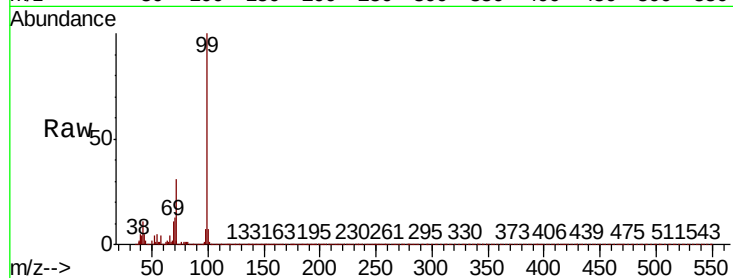
Tot Ion: 99 Resp: 2416674

Ion Ratio Lower Upper

99 100

42 11.3 8.5 12.7

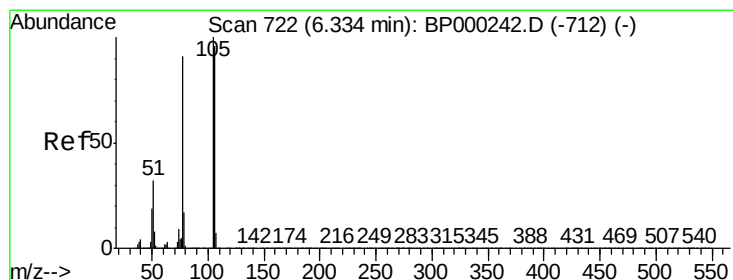
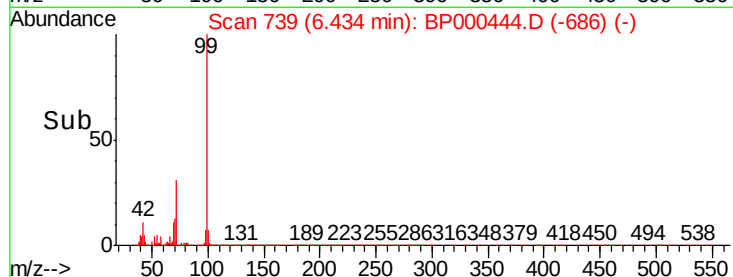
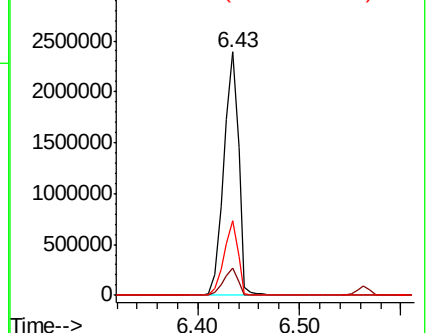
71 30.6 22.6 34.0



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: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

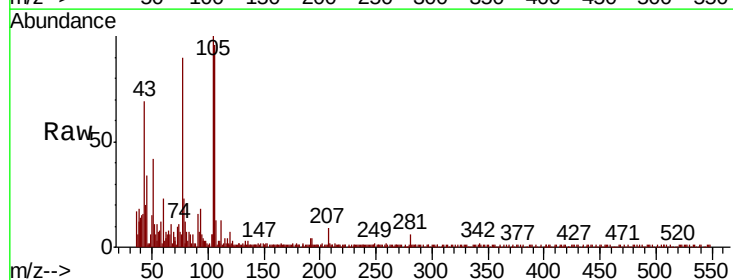
Tgt Ion: 77 Resp: 1823

Ion Ratio Lower Upper

77 100

105 111.7 89.6 129.6

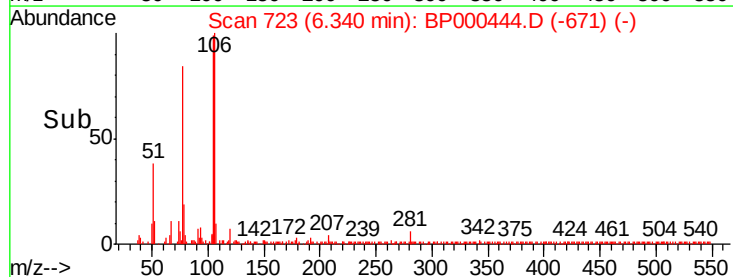
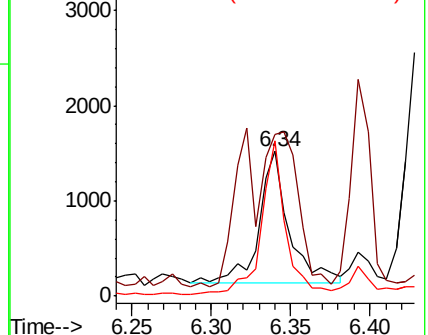
106 107.2 84.6 124.6

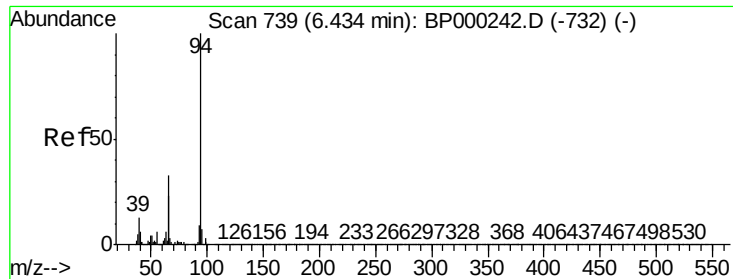


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.195 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

Instrument :

BNA_P

ClientSampleId :

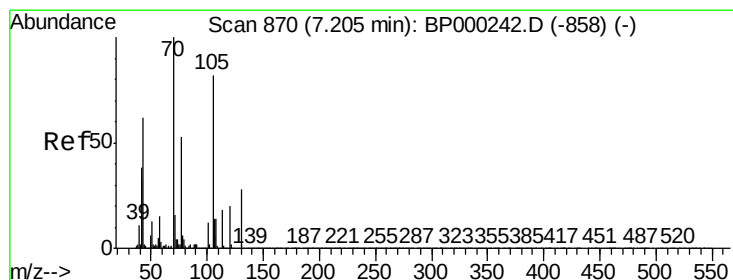
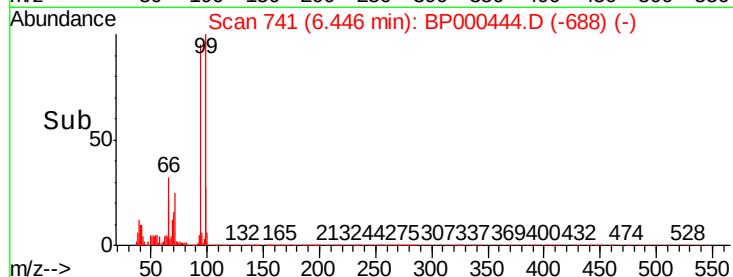
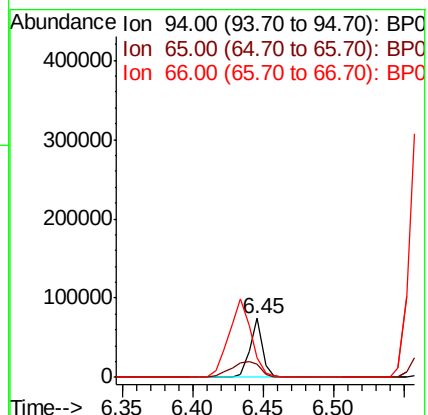
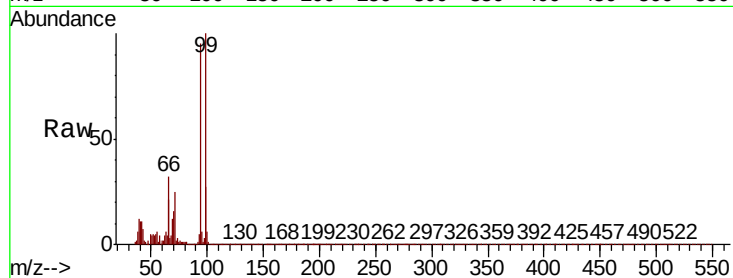
Tot Ion: 94 Resp: 45859

Ion Ratio Lower Upper

94 100

65 22.6 3.3 43.3

66 33.8 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 18.349 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

Tgt Ion: 70 Resp: 178431

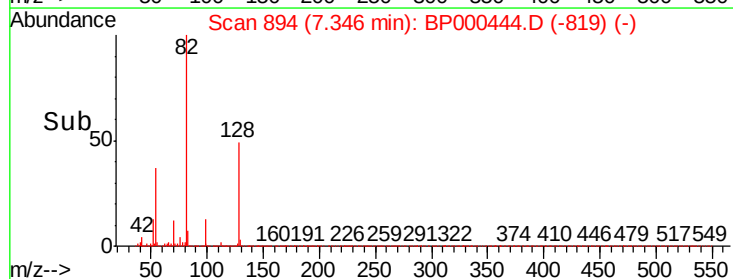
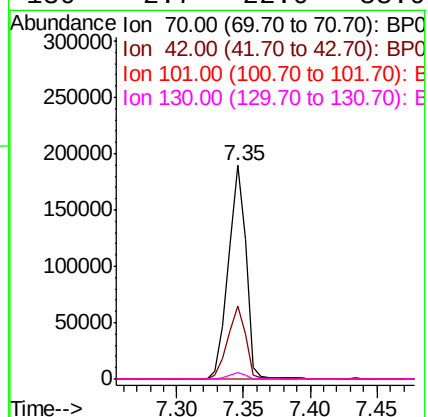
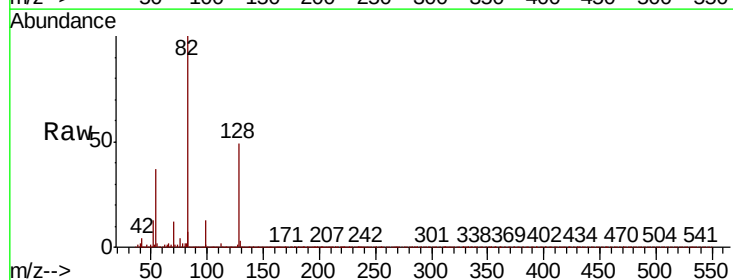
Ion Ratio Lower Upper

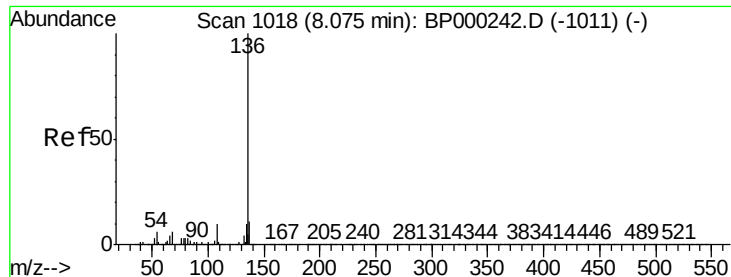
70 100

42 34.1 30.7 46.1

101 0.0 9.6 14.4#

130 2.7 22.0 33.0#

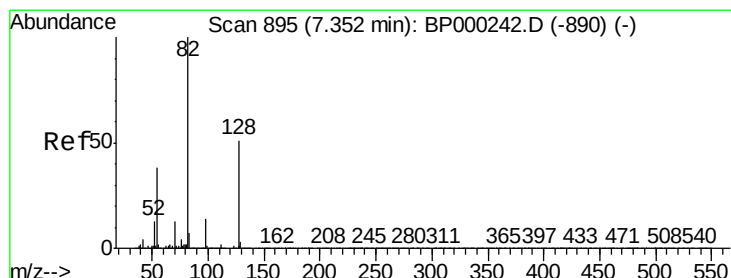
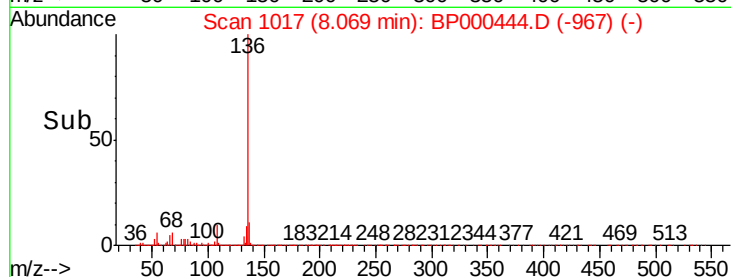
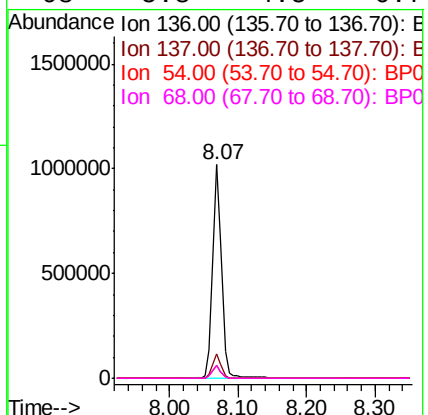
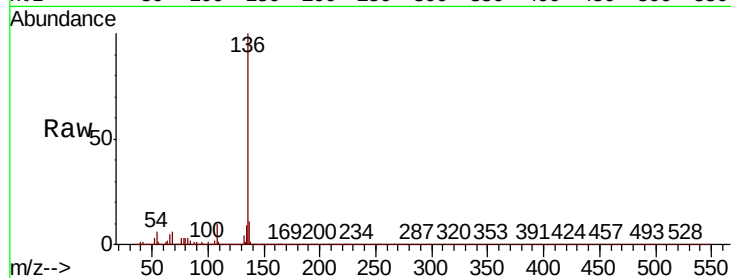




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000444.D
Acq: 27 Sep 2019 03:02

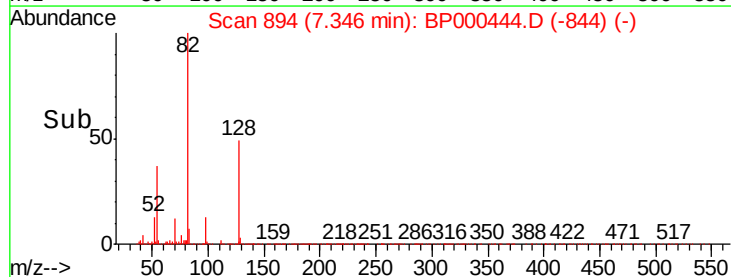
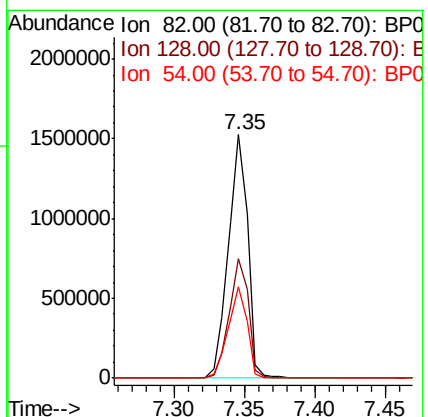
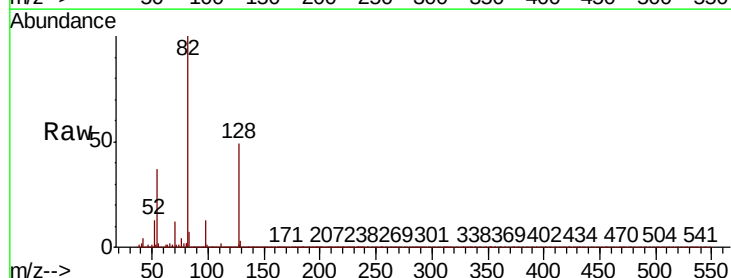
Instrument :
BNA_P
ClientSampleId :

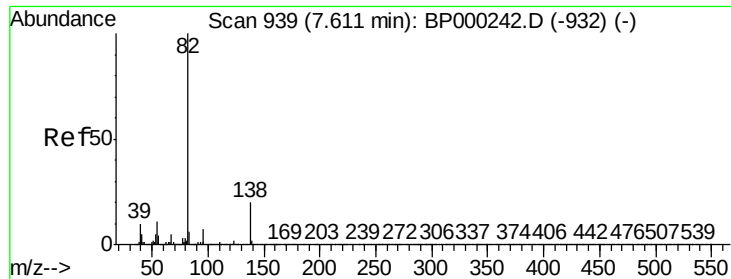
Tot Ion:136	Resp:	930456
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.6 13.0
54	5.9	4.5 6.7
68	5.8	4.5 6.7



#23
Nitrobenzene-d5
Concen: 100.570 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000444.D
Acq: 27 Sep 2019 03:02

Tgt Ion: 82	Resp:	1450356
Ion	Ratio	Lower Upper
82	100	
128	49.2	40.7 61.1
54	37.3	30.1 45.1





#25

Isophorone

Concen: 50.781 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

Instrument :

BNA_P

ClientSampleId :

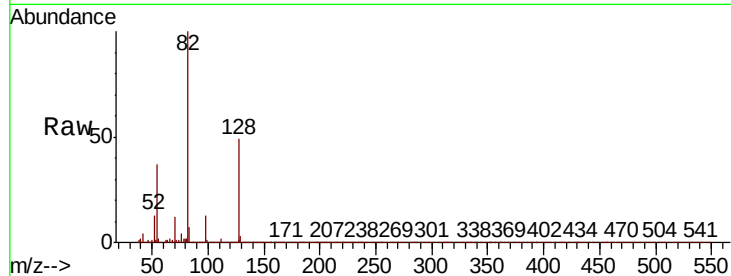
Tot Ion: 82 Resp: 1450126

Ion Ratio Lower Upper

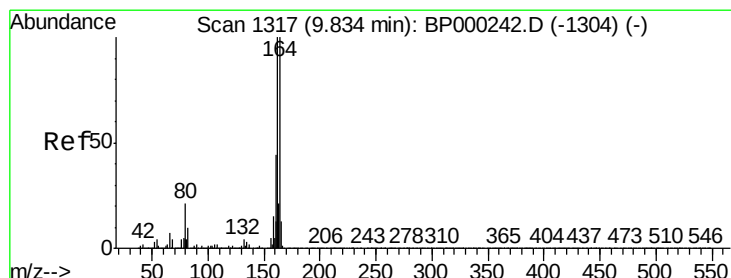
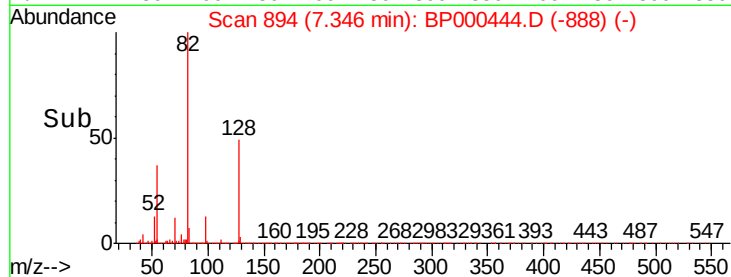
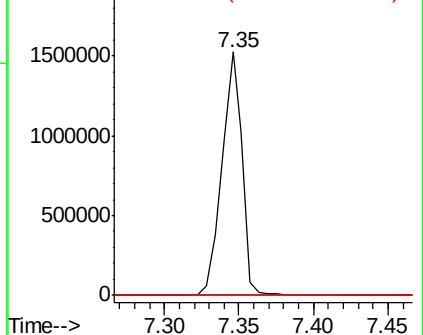
82 100

95 0.0 5.9 8.9#

138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

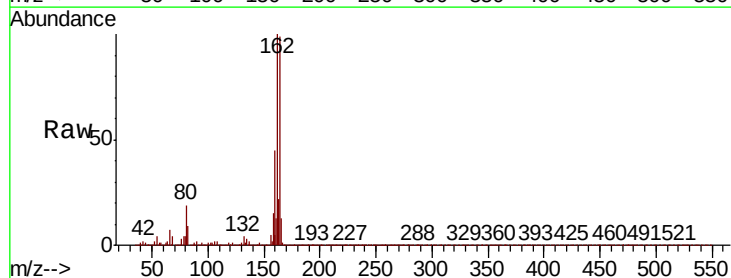
Tgt Ion: 164 Resp: 502158

Ion Ratio Lower Upper

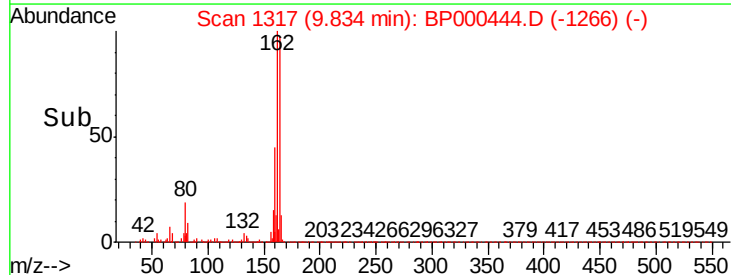
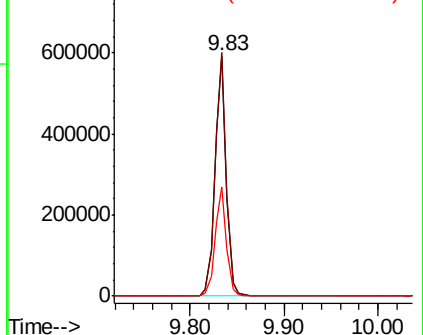
164 100

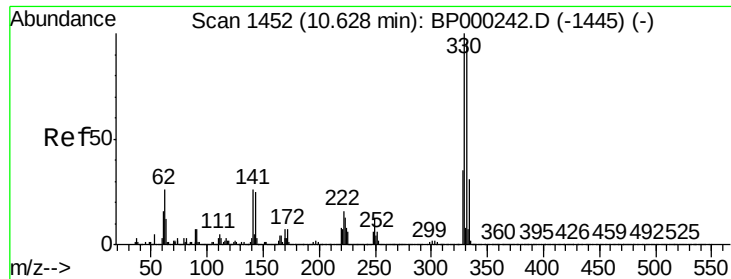
162 101.3 79.9 119.9

160 45.6 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

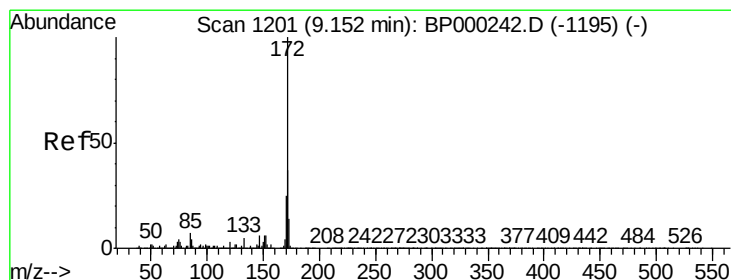
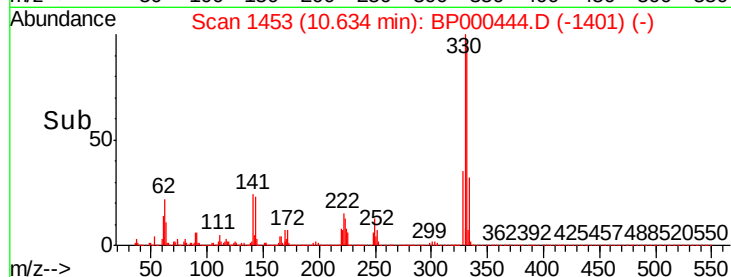
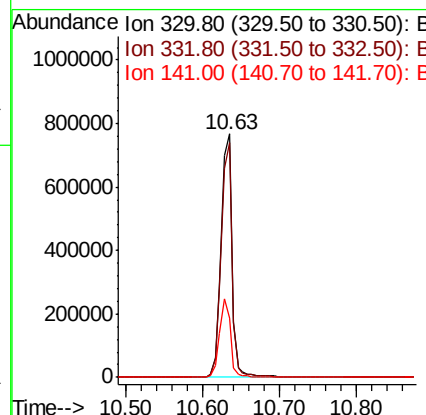
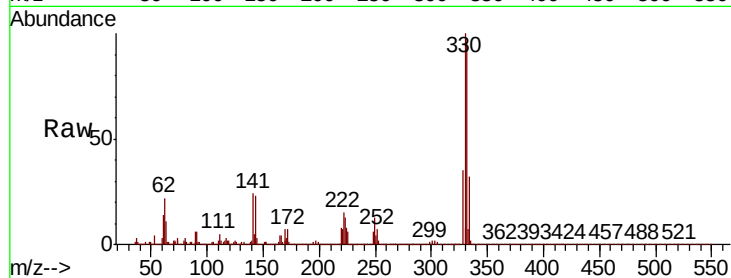




#42
2,4,6-Tribromophenol
Concen: 149.374 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BP000444.D
Acq: 27 Sep 2019 03:02

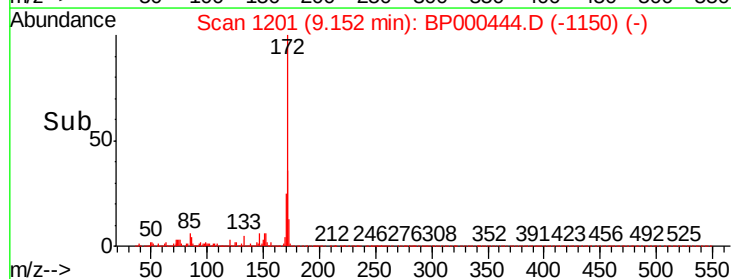
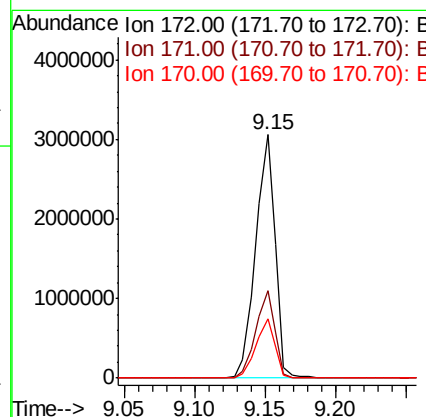
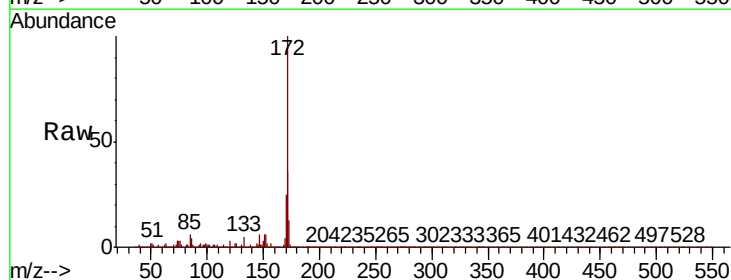
Instrument :
BNA_P
ClientSampleId :

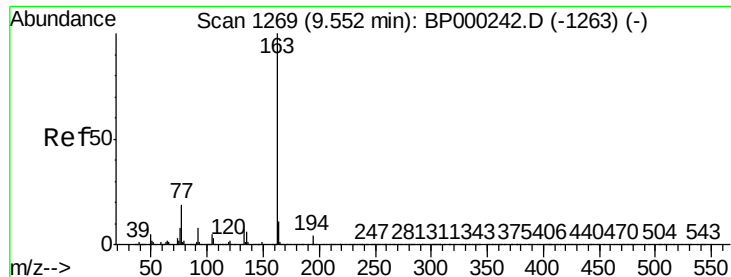
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	32.1	26.5	39.7



#45
2-Fluorobiphenyl
Concen: 107.061 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000444.D
Acq: 27 Sep 2019 03:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	24.6	19.8	29.6





#50

Dimethylphthalate

Concen: 14.488 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

Instrument :

BNA_P

ClientSampleId :

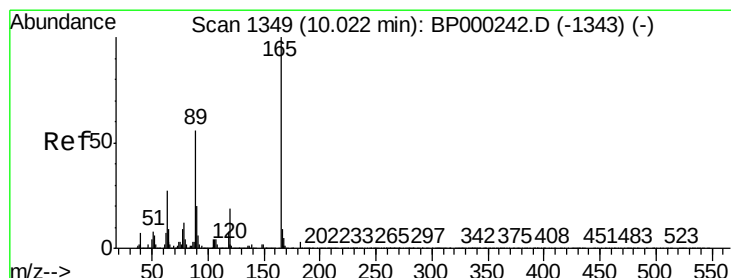
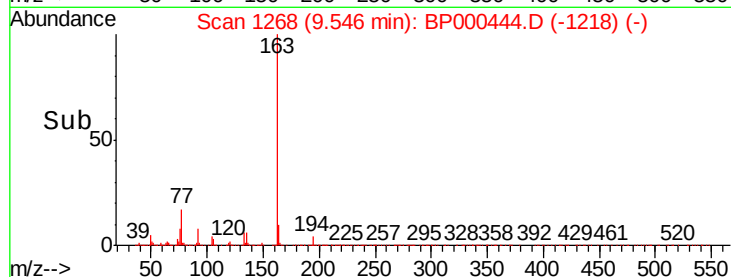
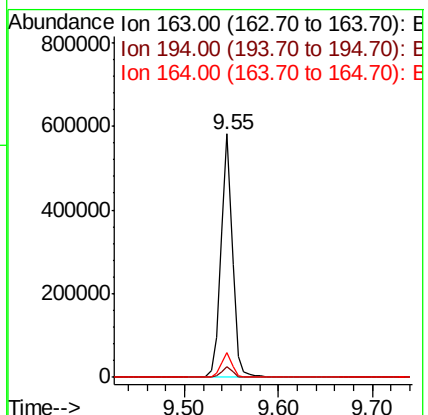
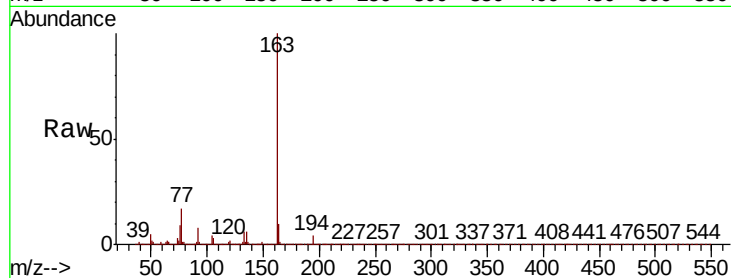
Tot Ion:163 Resp: 495670

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.0 8.5 12.7



#57

2,4-Dinitrotoluene

Concen: 6.712 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

Tgt Ion:165 Resp: 66009

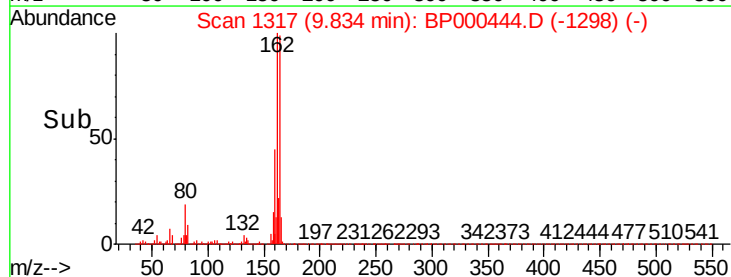
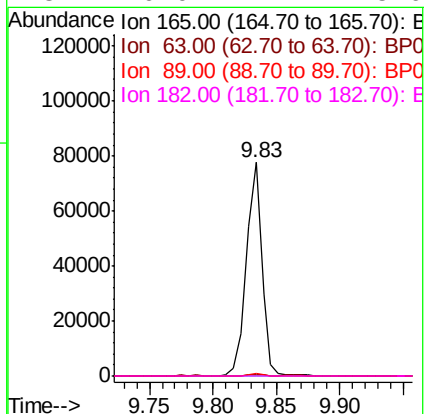
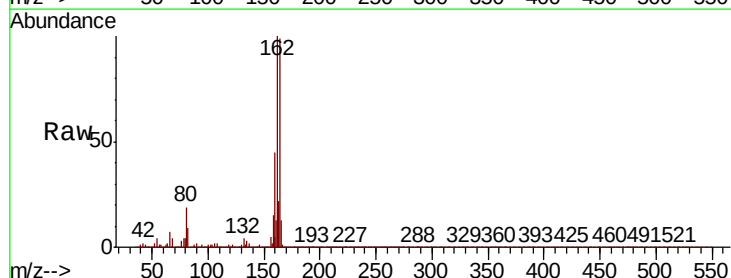
Ion Ratio Lower Upper

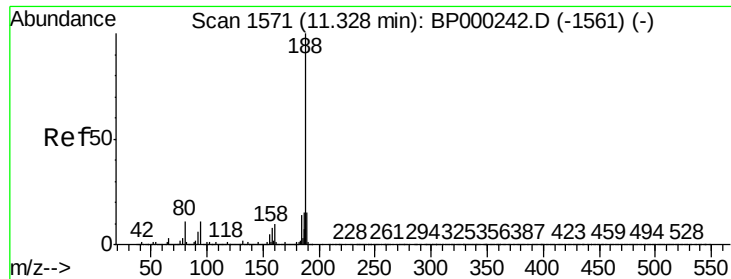
165 100

63 0.8 21.7 32.5#

89 1.2 45.0 67.6#

182 0.0 2.4 3.6#

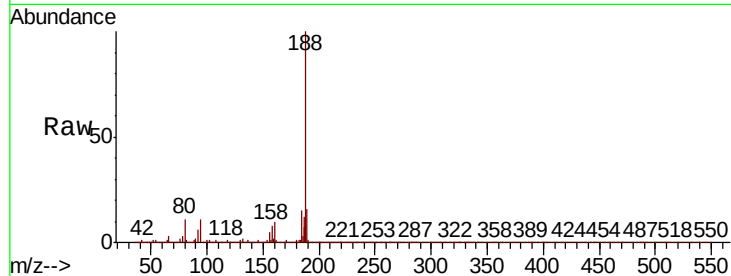




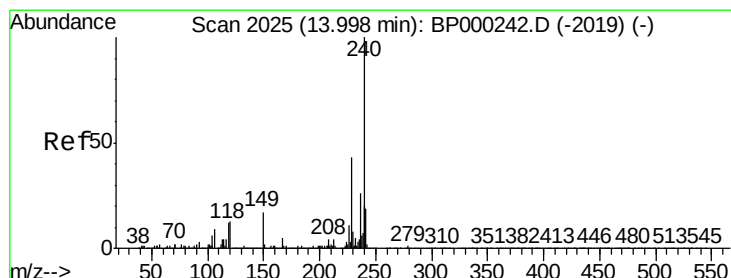
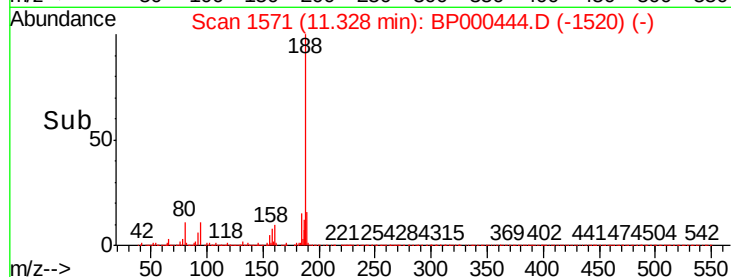
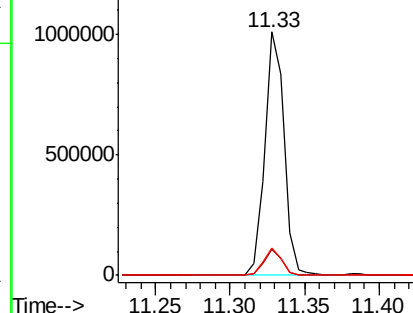
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000444.D
Acq: 27 Sep 2019 03:02

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.1	8.6	13.0

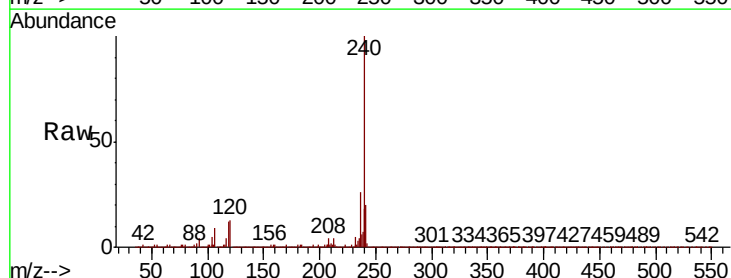


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0

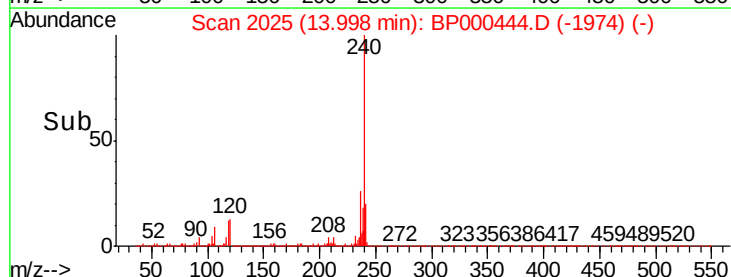
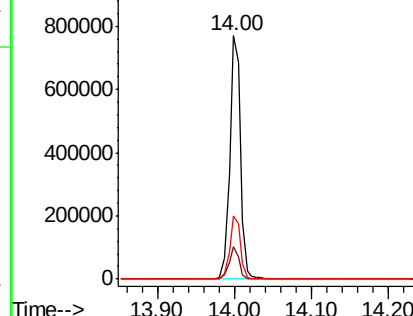


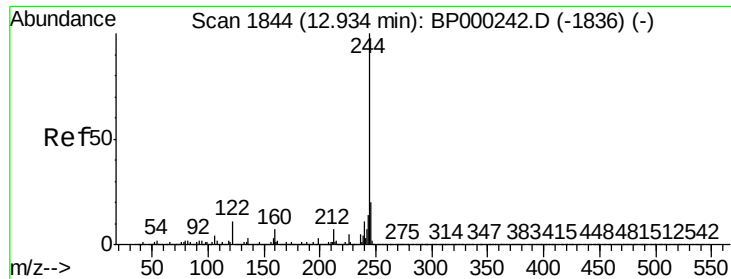
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BP000444.D
Acq: 27 Sep 2019 03:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	10.4	15.6
236	25.9	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: 93.229 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

Instrument :

BNA_P

ClientSampleId :

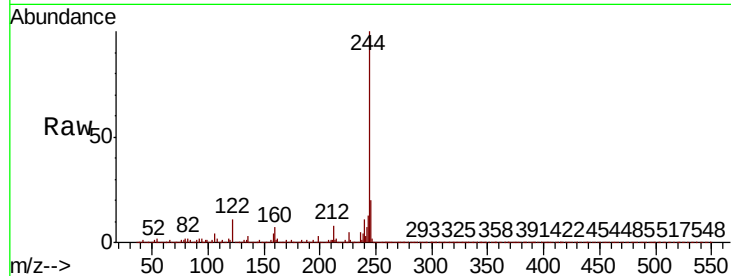
Tot Ion:244 Resp: 3290855

Ion Ratio Lower Upper

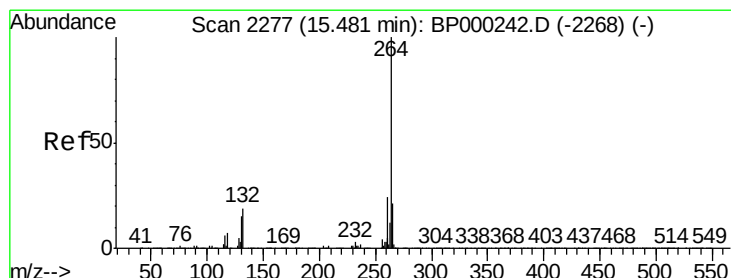
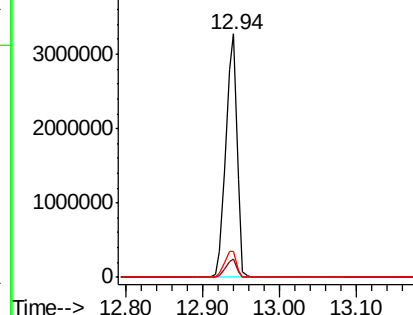
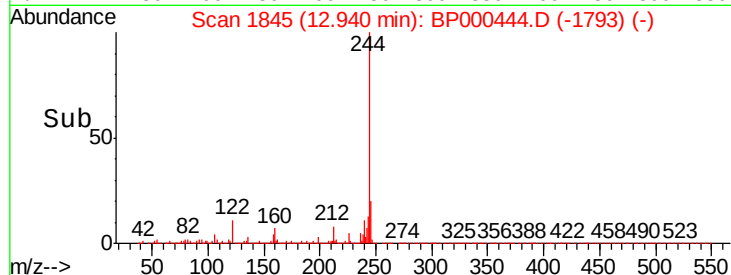
244 100

212 7.7 5.9 8.9

122 10.8 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: BP000444.D

Acq: 27 Sep 2019 03:02

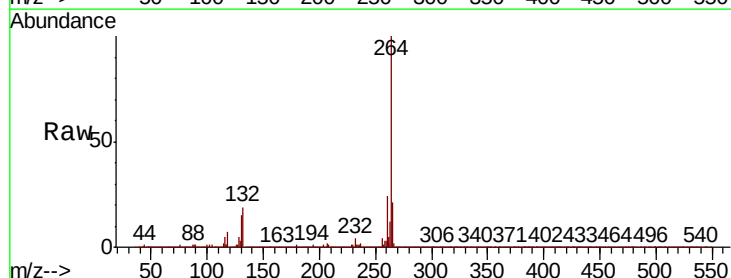
Tgt Ion:264 Resp: 801314

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.4 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

