

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
 Data File : BP000349.D
 Acq On : 20 Sep 2019 13:12
 Operator : HP/JU
 Sample : K4959-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 20 23:12:46 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

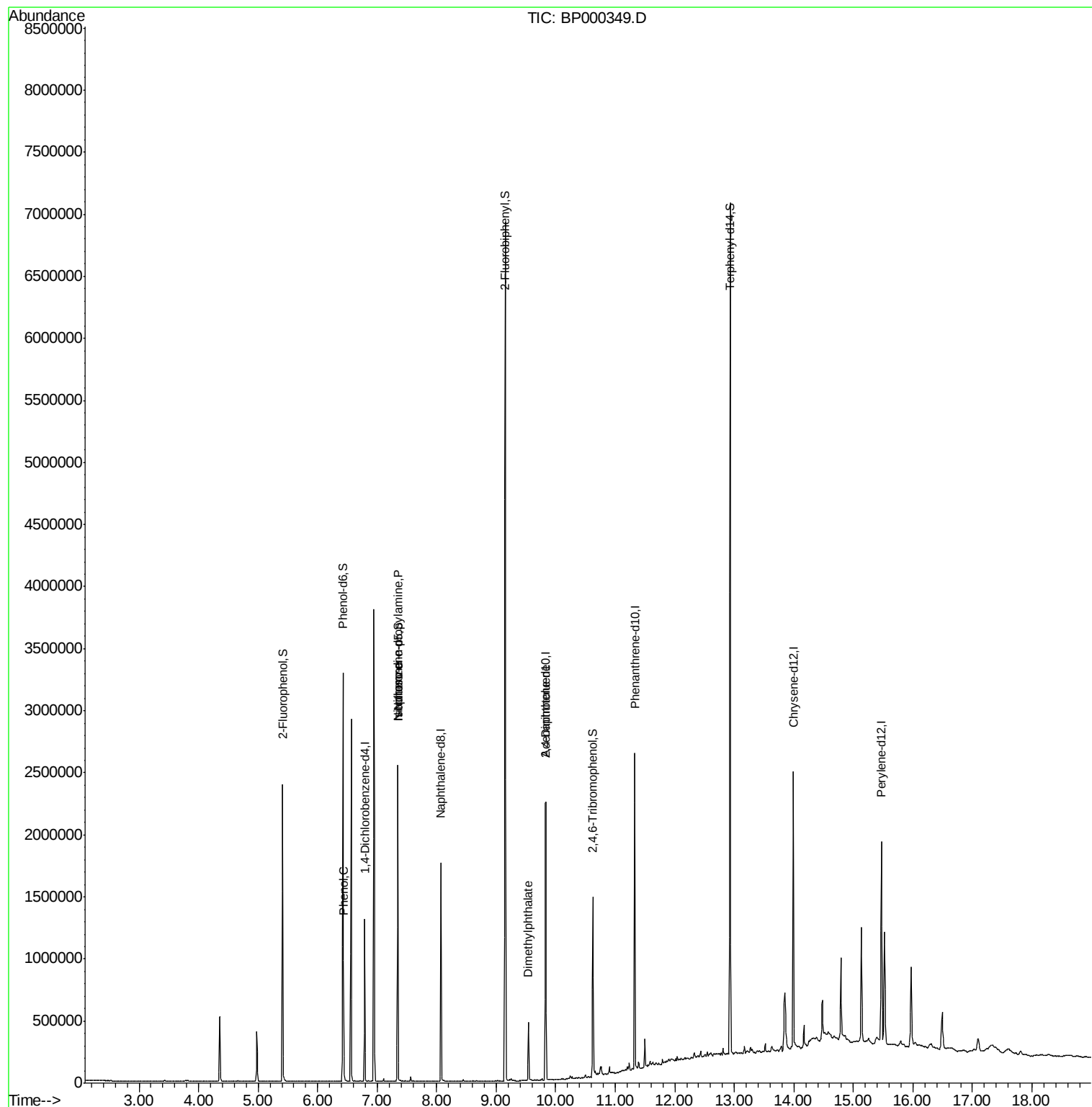
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	198870	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	783231	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	481060	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	902342	20.00	ng	0.00
76) Chrysene-d12	13.99	240	723178	20.00	ng	0.00
87) Perylene-d12	15.47	264	774979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	709516	61.59	ng	0.00
7) Phenol-d6	6.43	99	1194228	84.57	ng	0.00
23) Nitrobenzene-d5	7.35	82	764785	63.00	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	176287	36.95	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1942485	72.67	ng	0.00
79) Terphenyl-d14	12.93	244	2442983	70.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	2343	Below Cal	#	3
10) Phenol	6.44	94	43742	2.726	ng	97
19) n-Nitroso-di-n-propylamine	7.35	70	94680	12.682	ng	# 75
25) Isophorone	7.35	82	764519	31.805	ng	# 63
50) Dimethylphthalate	9.54	163	190757	5.820	ng	99
57) 2,4-Dinitrotoluene	9.83	165	63036	6.691	ng	# 35
69) Atrazine	11.03	200	108	Below Cal	#	1

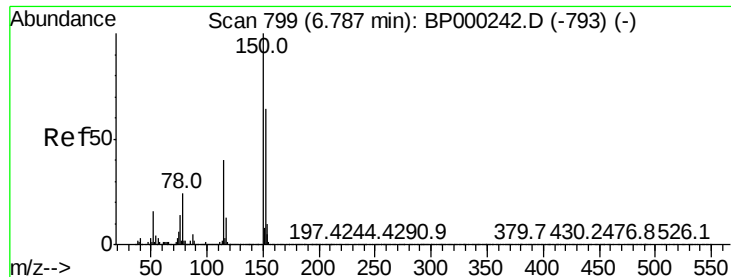
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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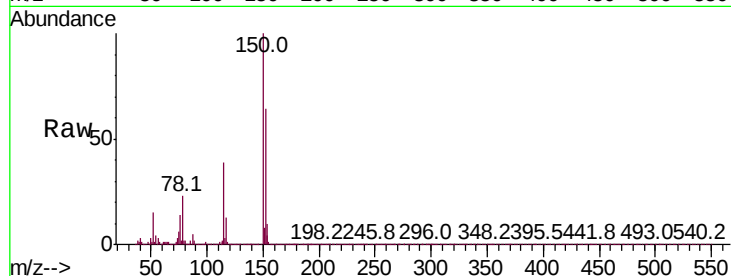


#1

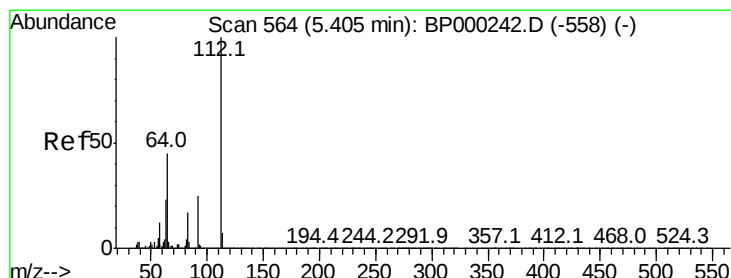
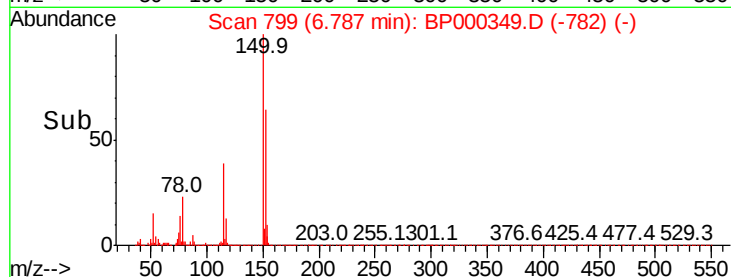
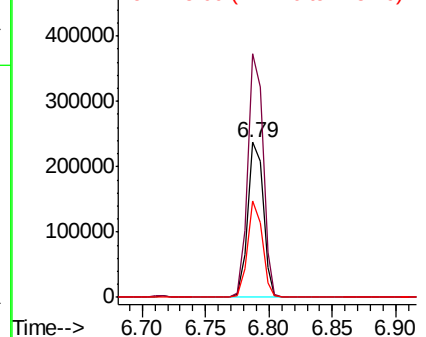
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000349.D
Acq: 20 Sep 2019 13:12

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 198870
Ion Ratio Lower Upper
152 100
150 157.2 125.2 187.8
115 62.0 49.7 74.5



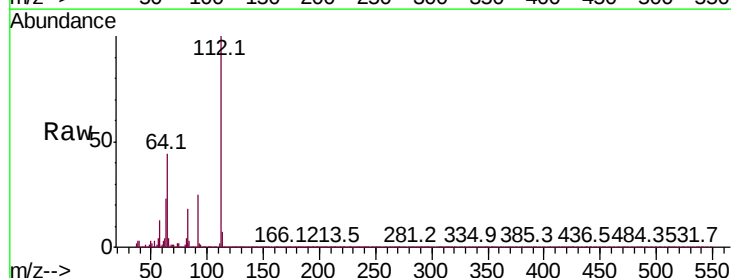
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



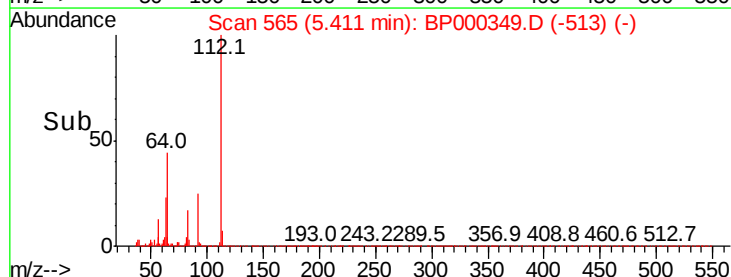
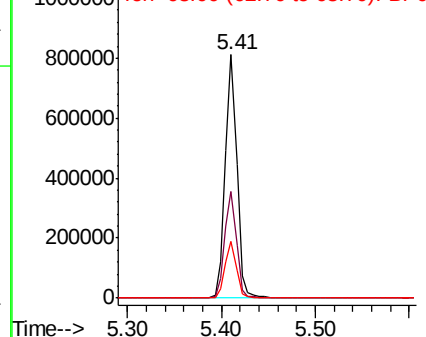
#5

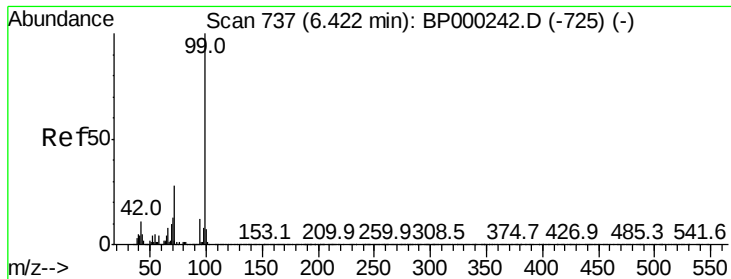
2-Fluorophenol
Concen: 61.592 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000349.D
Acq: 20 Sep 2019 13:12

Tgt Ion:112 Resp: 709516
Ion Ratio Lower Upper
112 100
64 43.8 36.2 54.4
63 23.3 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: 84.573 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000349.D

Acq: 20 Sep 2019 13:12

Instrument :

BNA_P

ClientSampleId :

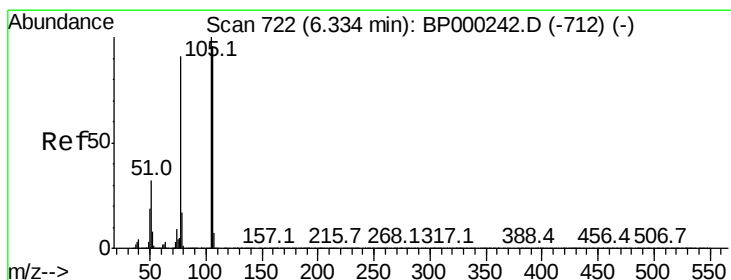
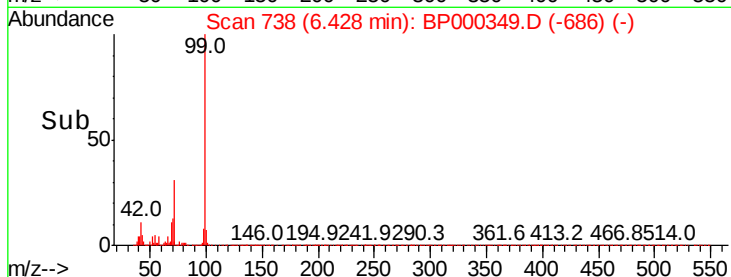
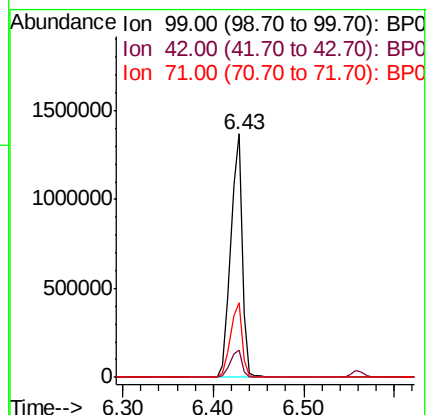
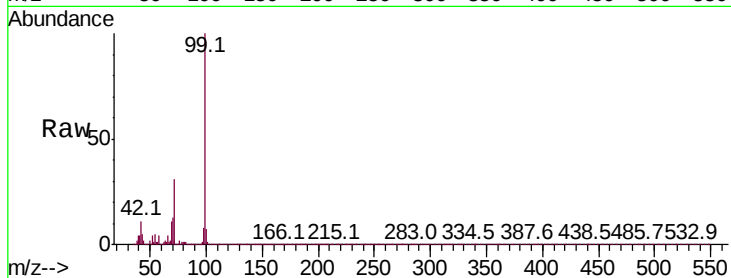
Tot Ion: 99 Resp: 1194228

Ion Ratio Lower Upper

99 100

42 11.0 8.5 12.7

71 30.9 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 738

Delta R.T. 0.09 min

Lab File: BP000349.D

Acq: 20 Sep 2019 13:12

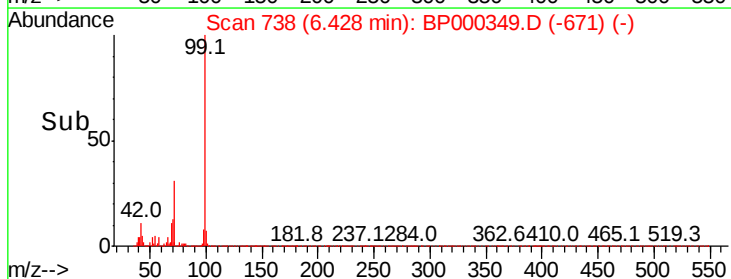
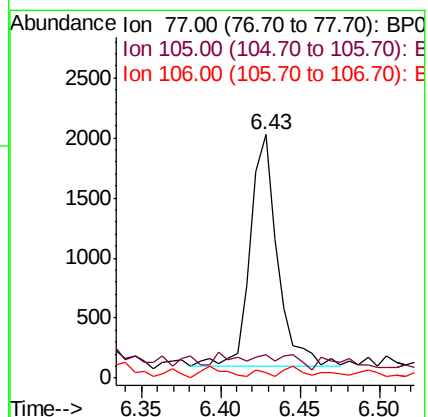
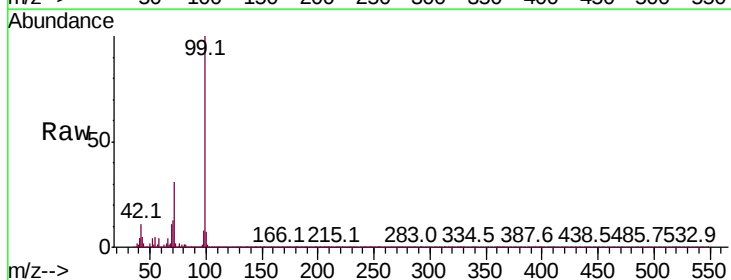
Tgt Ion: 77 Resp: 2343

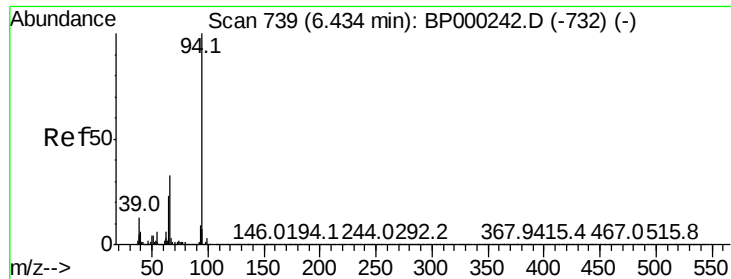
Ion Ratio Lower Upper

77 100

105 9.8 89.6 129.6#

106 2.1 84.6 124.6#





#10

Phenol

Concen: 2.726 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000349.D

Acq: 20 Sep 2019 13:12

Instrument :

BNA_P

ClientSampleId :

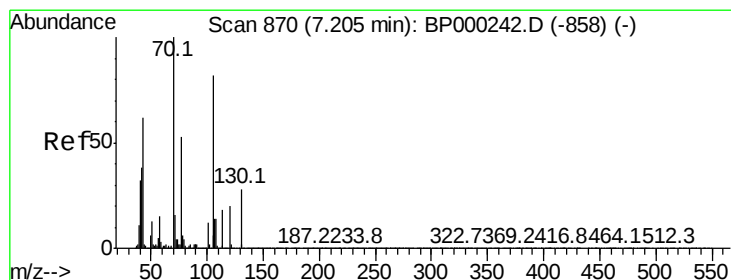
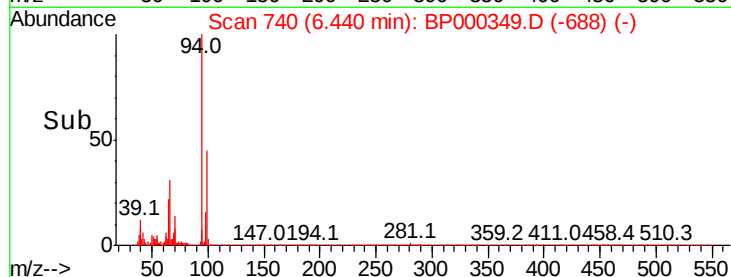
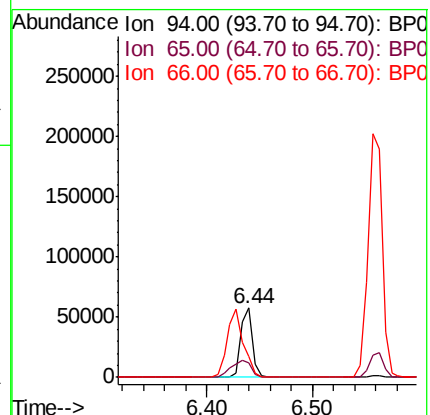
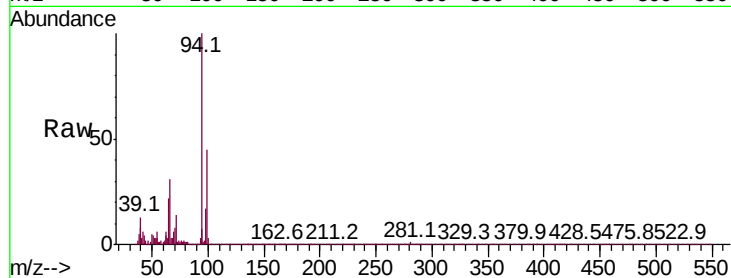
Tot Ion: 94 Resp: 43742

Ion Ratio Lower Upper

94 100

65 21.6 3.3 43.3

66 30.8 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.682 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000349.D

Acq: 20 Sep 2019 13:12

Tgt Ion: 70 Resp: 94680

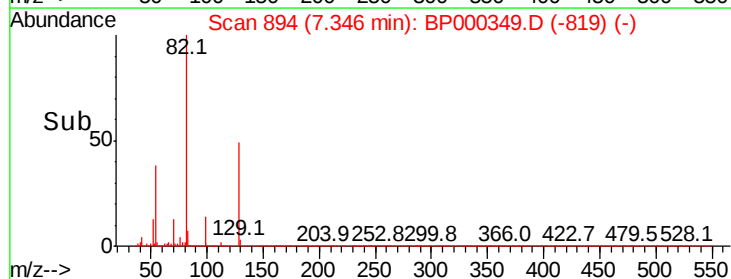
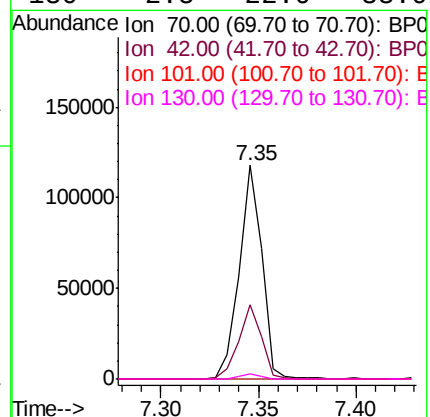
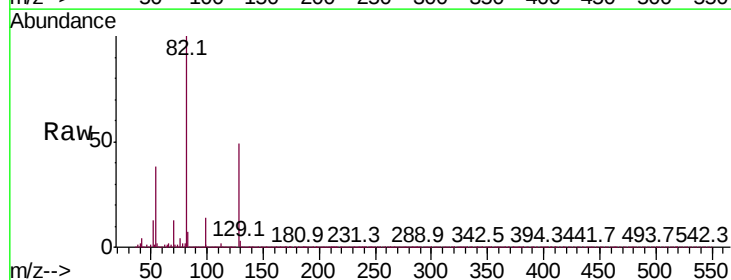
Ion Ratio Lower Upper

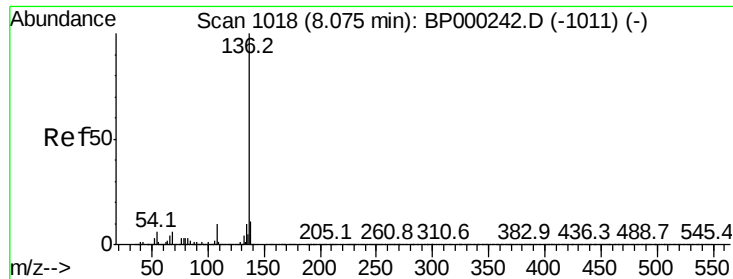
70 100

42 34.6 30.7 46.1

101 0.0 9.6 14.4#

130 2.5 22.0 33.0#

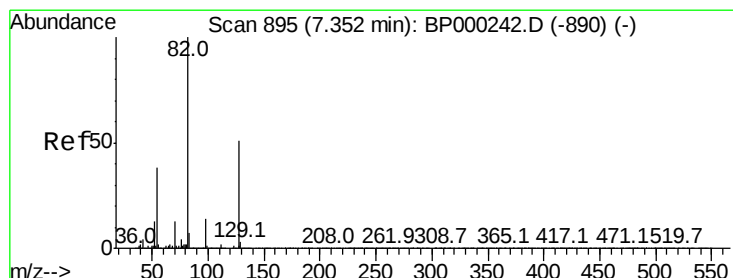
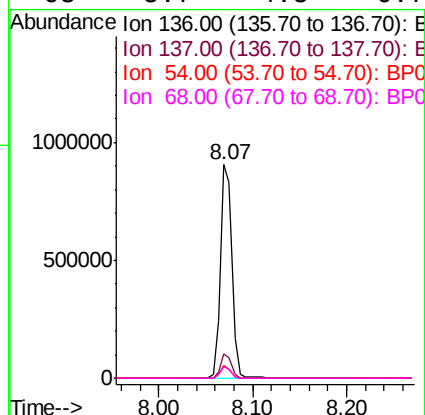
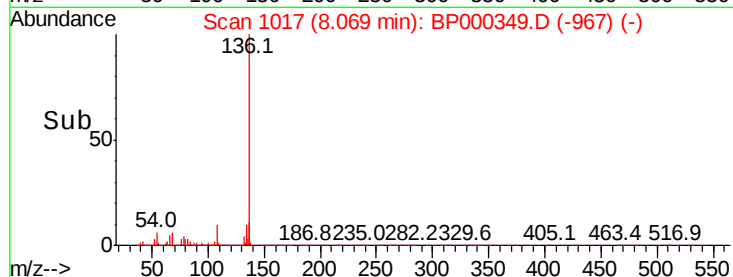
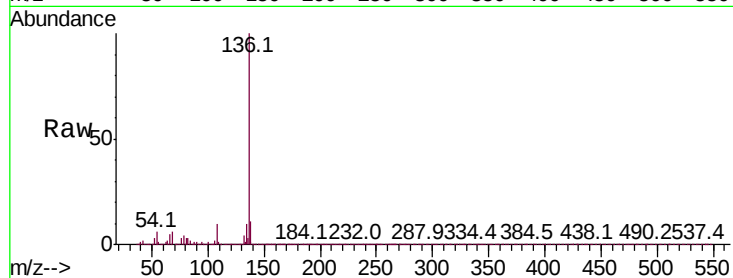




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000349.D
Acq: 20 Sep 2019 13:12

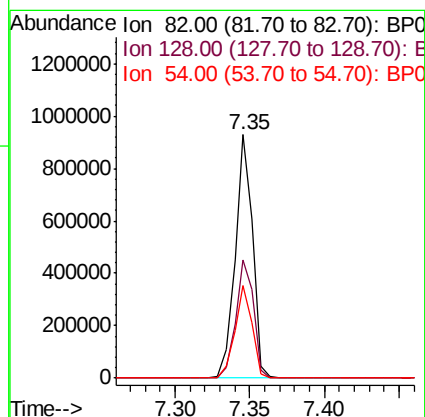
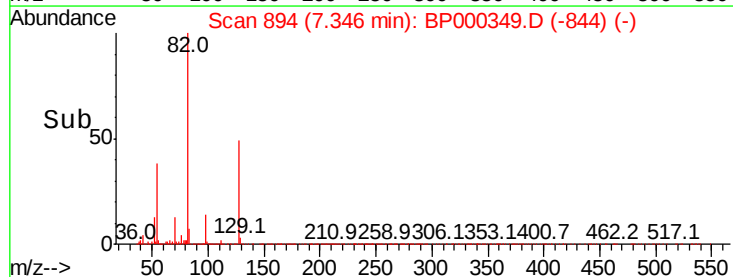
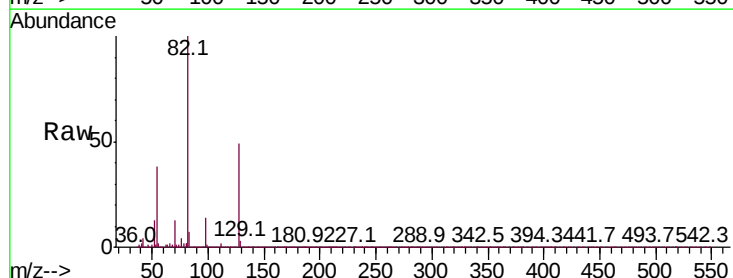
Instrument :
BNA_P
ClientSampleId :

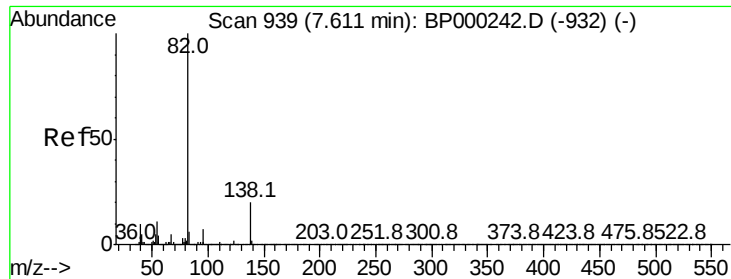
Tot Ion:136	Resp:	783231
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.6	13.0
54 5.8	4.5	6.7
68 5.7	4.5	6.7



#23
Nitrobenzene-d5
Concen: 63.000 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000349.D
Acq: 20 Sep 2019 13:12

Tgt Ion: 82	Resp:	764785
Ion Ratio	Lower	Upper
82 100		
128 48.6	40.7	61.1
54 38.1	30.1	45.1





#25

Isophorone

Concen: 31.805 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000349.D

Acq: 20 Sep 2019 13:12

Instrument :

BNA_P

ClientSampleId :

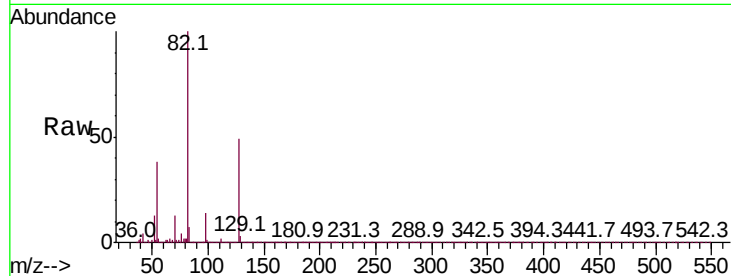
Tot Ion: 82 Resp: 764519

Ion Ratio Lower Upper

82 100

95 0.1 5.9 8.9#

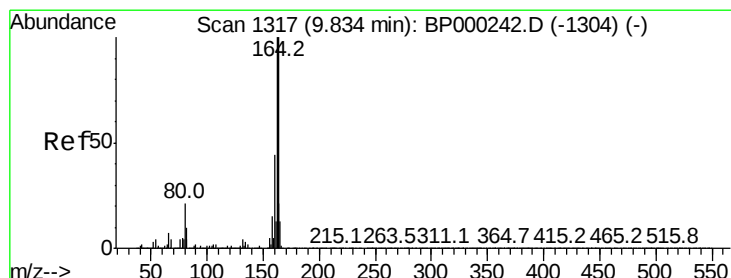
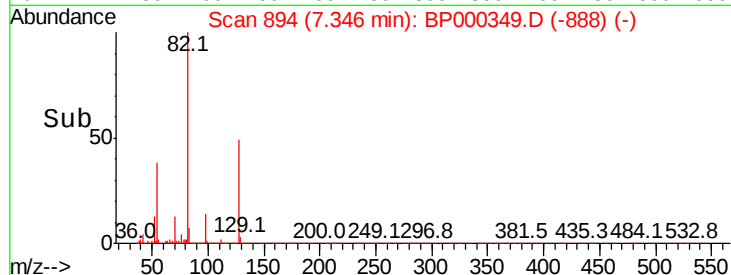
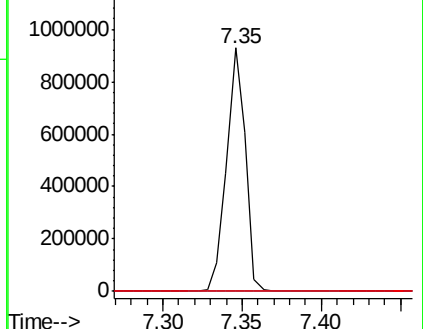
138 0.0 15.9 23.9#



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# 1316

Delta R.T. -0.01 min

Lab File: BP000349.D

Acq: 20 Sep 2019 13:12

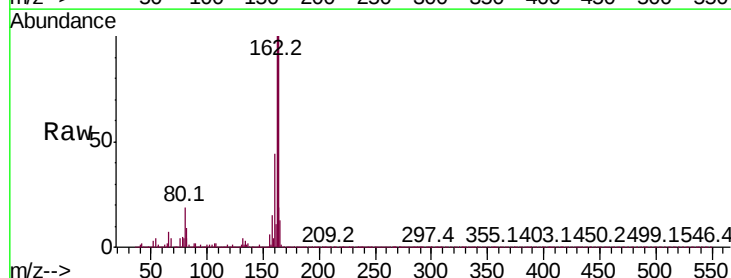
Tgt Ion: 164 Resp: 481060

Ion Ratio Lower Upper

164 100

162 100.3 79.9 119.9

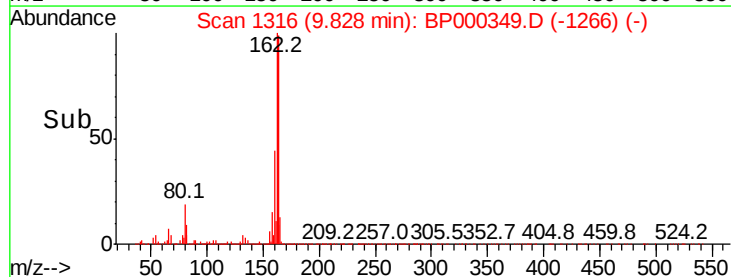
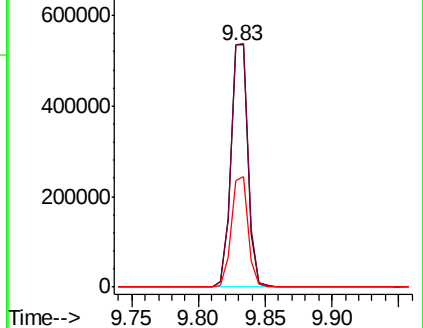
160 44.2 35.6 53.4

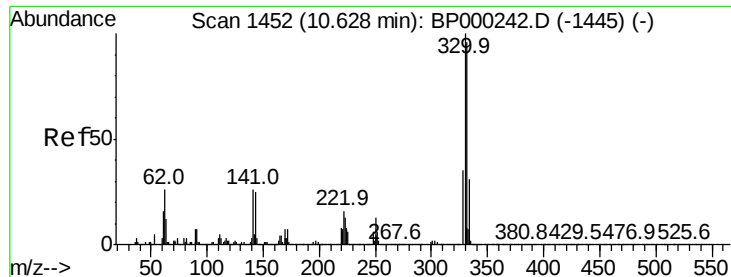


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

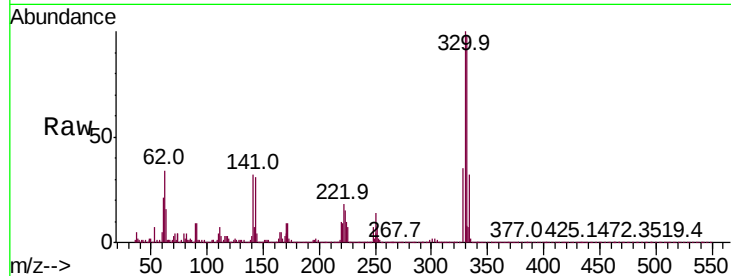




#42
2,4,6-Tribromophenol
Concen: 36.946 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000349.D
Acq: 20 Sep 2019 13:12

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	30.8	26.5	39.7

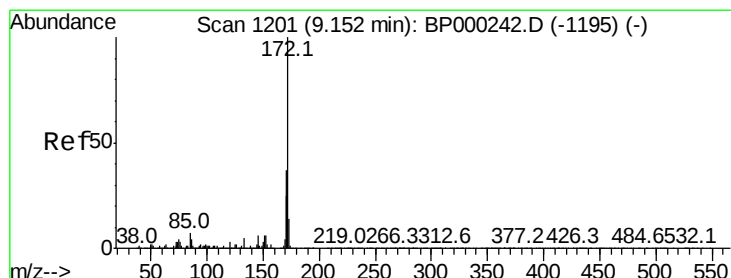
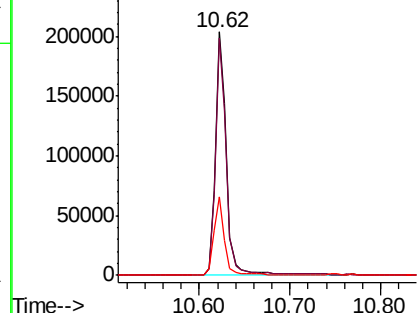
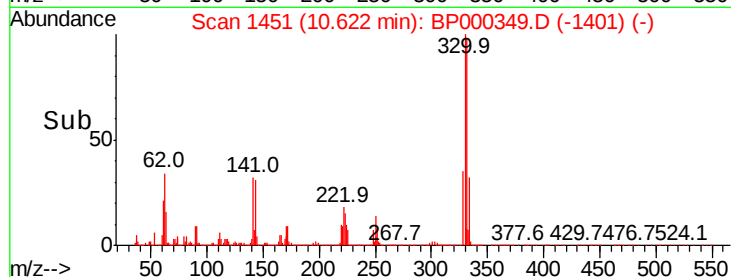


Abundance

Ion 329.80 (329.50 to 330.50): E

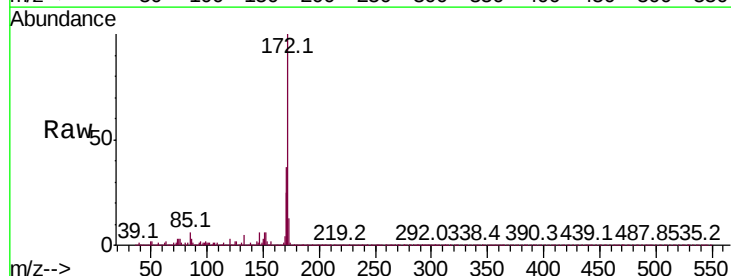
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 72.675 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000349.D
Acq: 20 Sep 2019 13:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	24.5	19.8	29.6

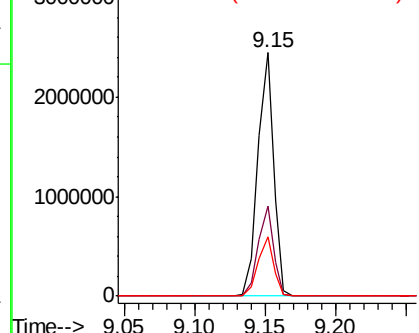
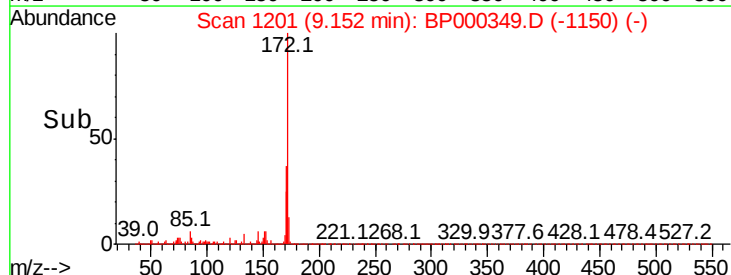


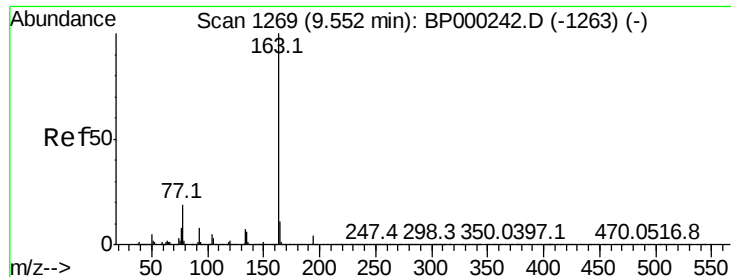
Abundance

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





#50

Dimethylphthalate

Concen: 5.820 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP000349.D

Acq: 20 Sep 2019 13:12

Instrument :

BNA_P

ClientSampleId :

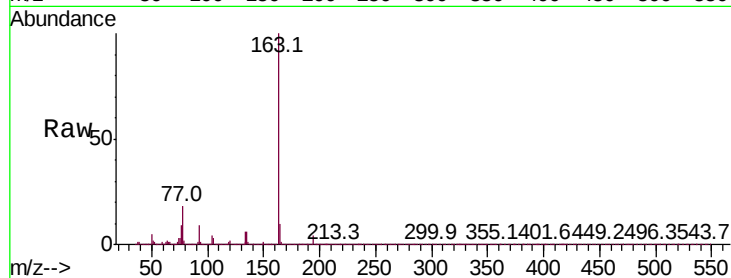
Tot Ion:163 Resp: 190757

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

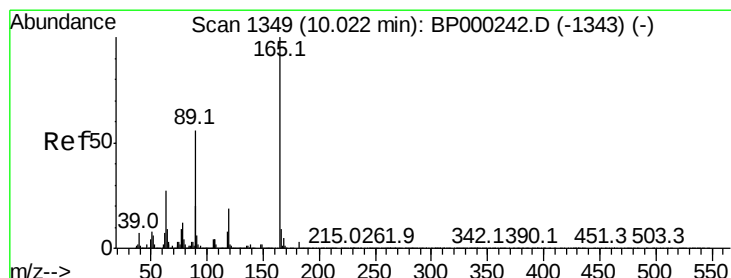
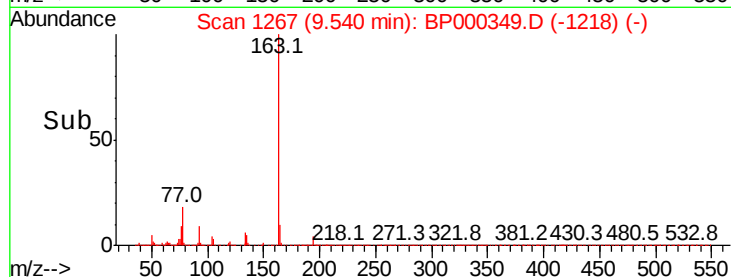
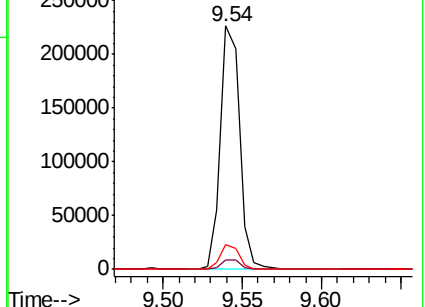
164 10.2 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.691 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BP000349.D

Acq: 20 Sep 2019 13:12

Tgt Ion:165 Resp: 63036

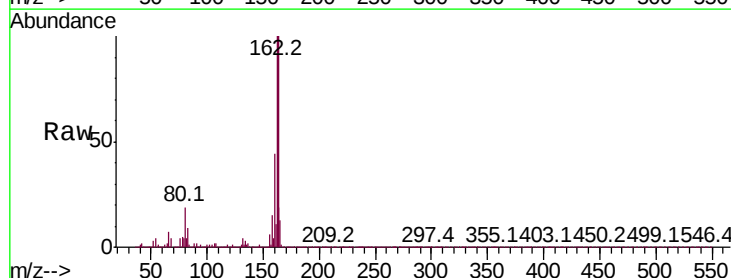
Ion Ratio Lower Upper

165 100

63 1.0 21.7 32.5#

89 1.3 45.0 67.6#

182 0.1 2.4 3.6#

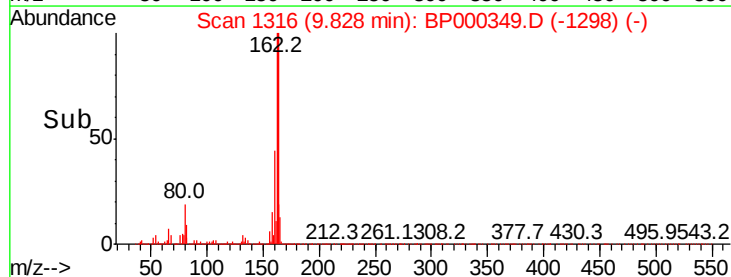
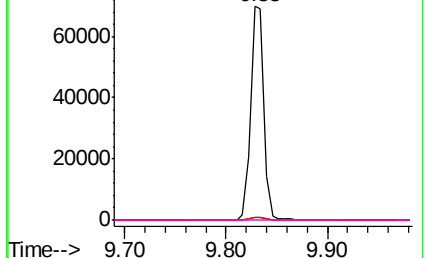


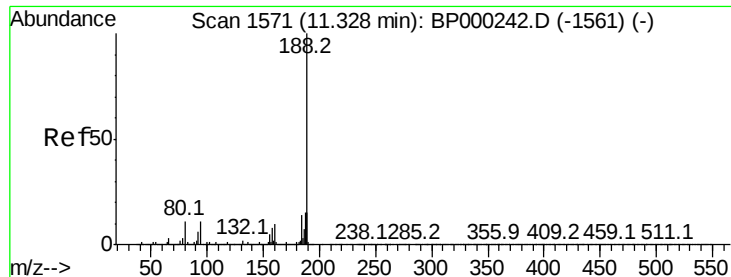
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000349.D

Acq: 20 Sep 2019 13:12

Instrument :

BNA_P

ClientSampled :

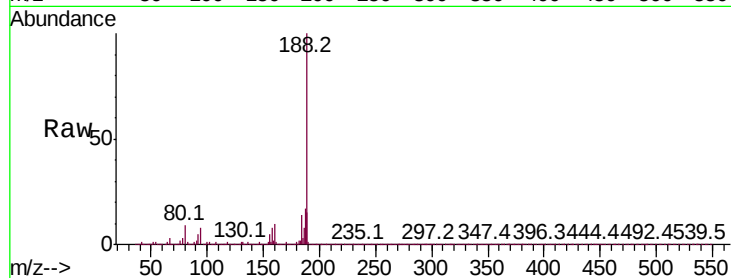
Tot Ion:188 Resp: 902342

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7#

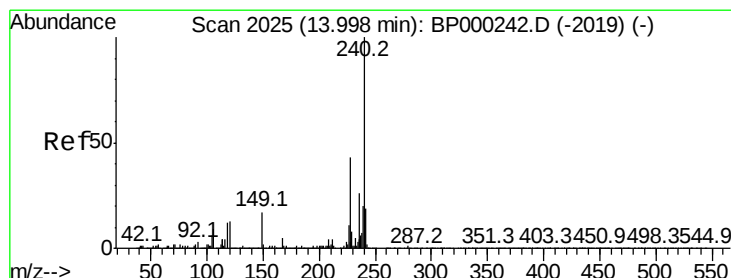
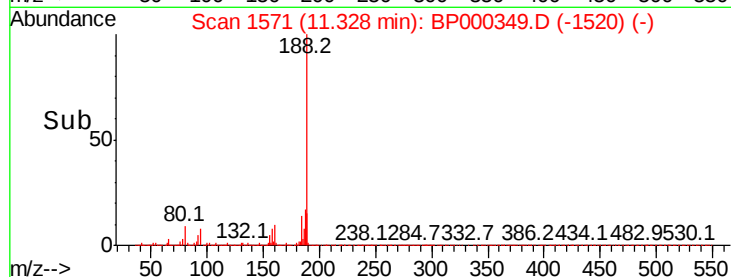
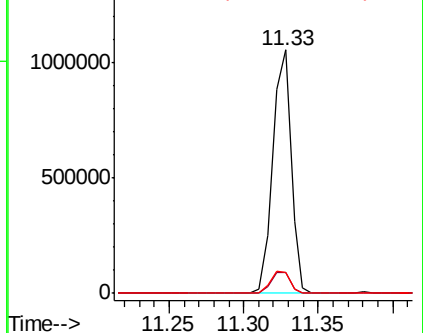
80 8.6 8.6 13.0#



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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000349.D

Acq: 20 Sep 2019 13:12

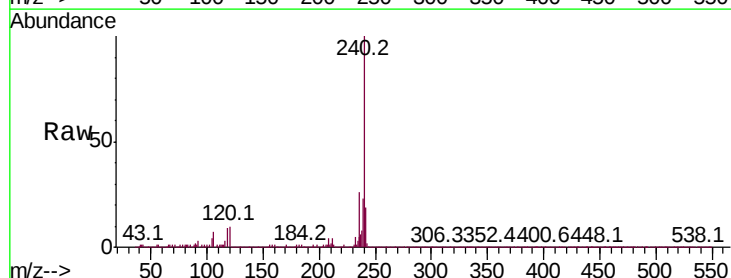
Tgt Ion:240 Resp: 723178

Ion Ratio Lower Upper

240 100

120 9.9 10.4 15.6#

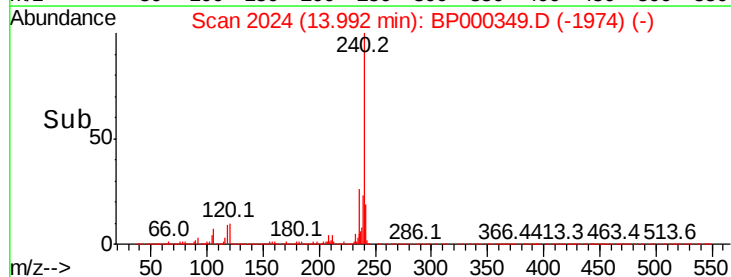
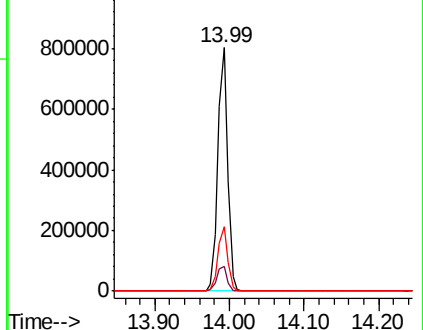
236 26.5 21.0 31.6

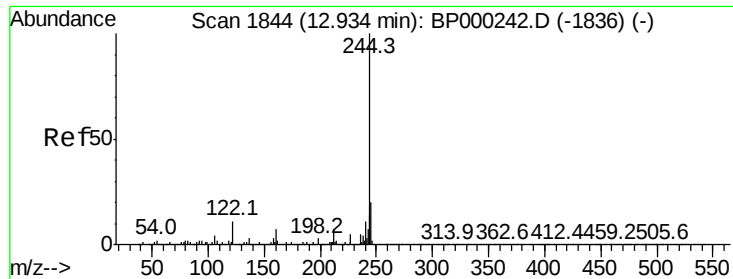


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.868 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000349.D

Acq: 20 Sep 2019 13:12

Instrument :

BNA_P

ClientSampleId :

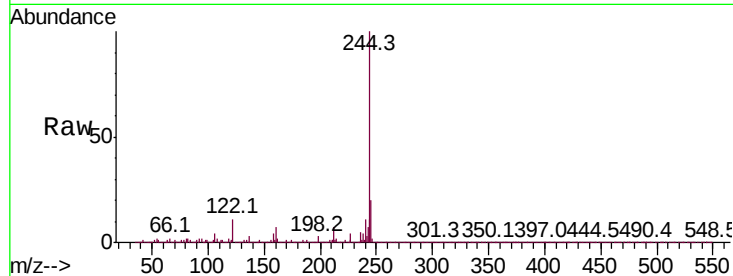
Tot Ion:244 Resp: 2442983

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

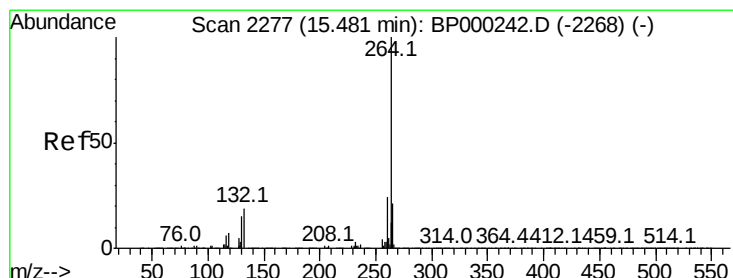
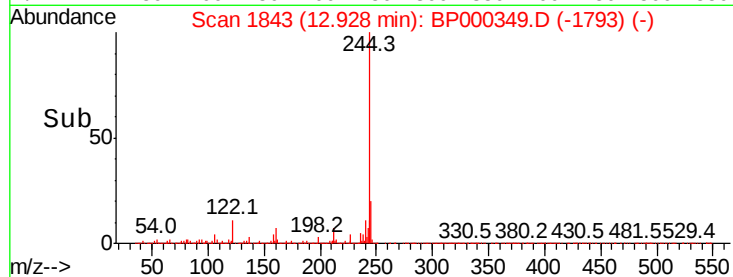
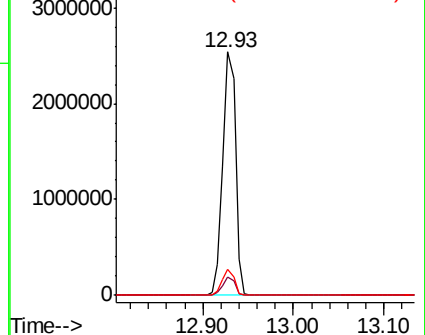
122 10.7 9.0 13.4



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: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BP000349.D

Acq: 20 Sep 2019 13:12

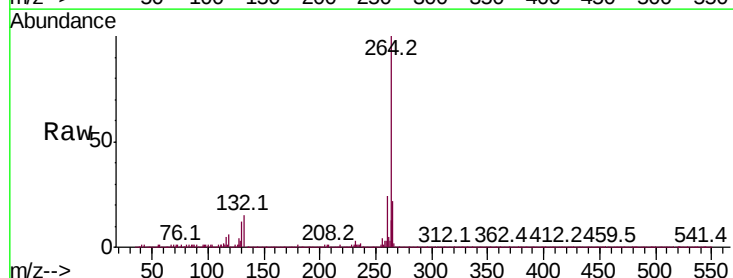
Tgt Ion:264 Resp: 774979

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.6 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

