

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001444.D
 Acq On : 27 Dec 2019 04:54
 Operator : JU
 Sample : K6413-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 K005-AB-WC-1

Quant Time: Dec 27 11:41:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	26128	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	91310	20.00	ng	0.00
39) Acenaphthene-d10	13.17	164	56409	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	112030	20.00	ng	0.00
76) Chrysene-d12	19.22	240	86164	20.00	ng	0.00
87) Perylene-d12	20.99	264	89559	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	201405	124.58	ng	0.02
7) Phenol-d6	7.76	99	241151	114.32	ng	0.00
23) Nitrobenzene-d5	9.17	82	203877	85.74	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	99329	140.84	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	405889	90.99	ng	0.00
79) Terphenyl-d14	17.86	244	555034	110.33	ng	0.00

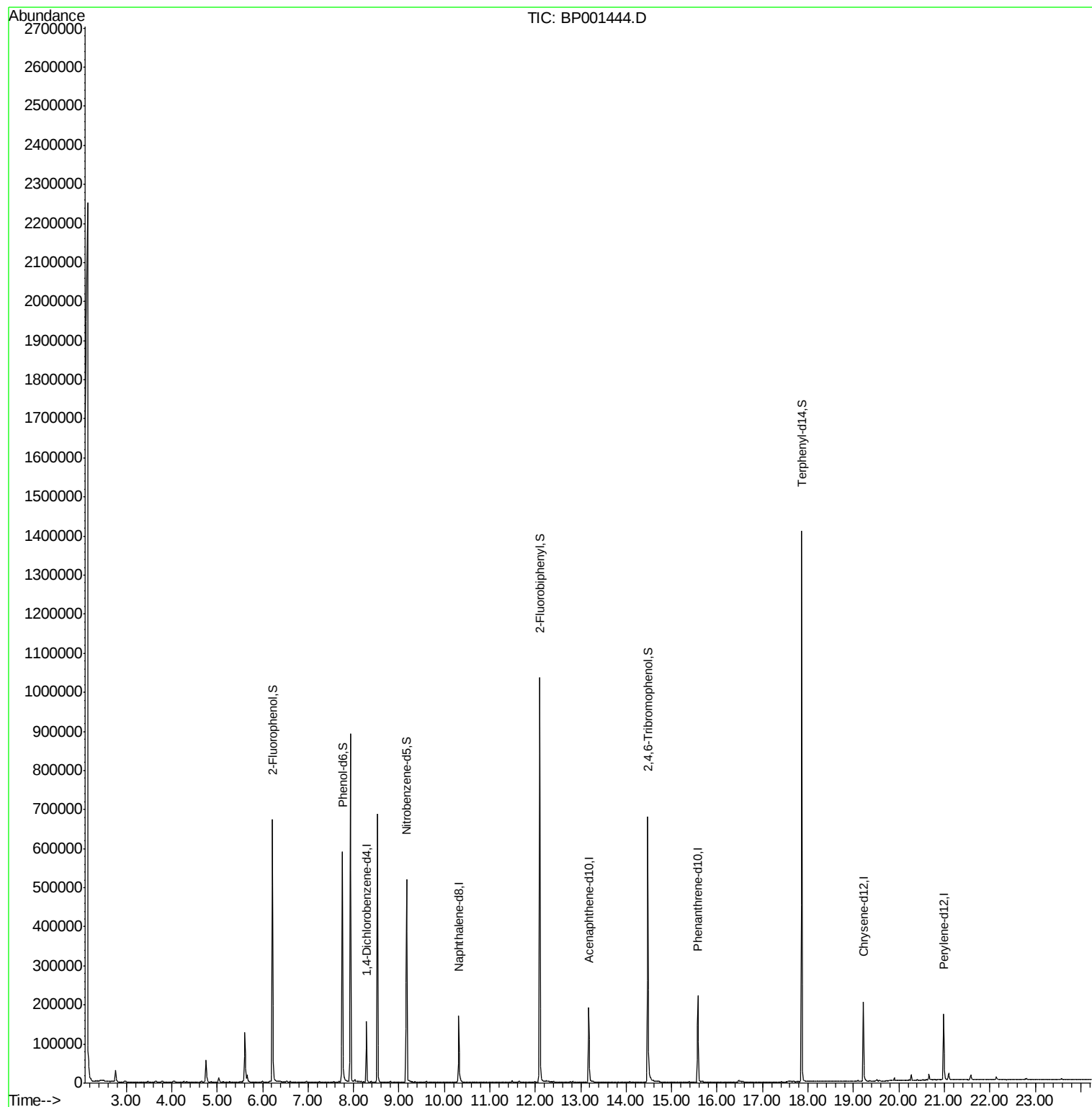
Target Compounds Qvalue

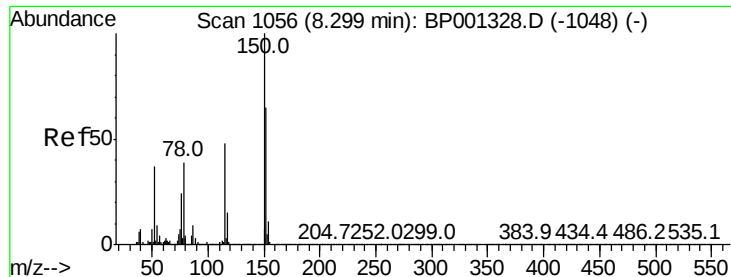
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BP001444.D

Acq: 27 Dec 2019 04:54

Instrument :

BNA_P

ClientSampleId :

K005-AB-WC-1

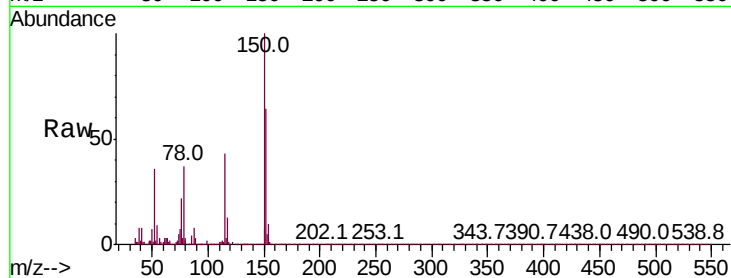
Tot Ion:152 Resp: 26128

Ion Ratio Lower Upper

152 100

150 156.5 127.0 190.6

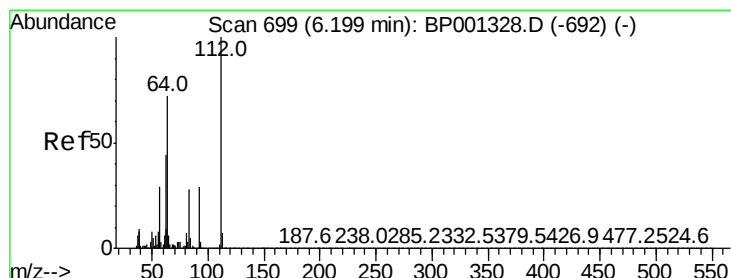
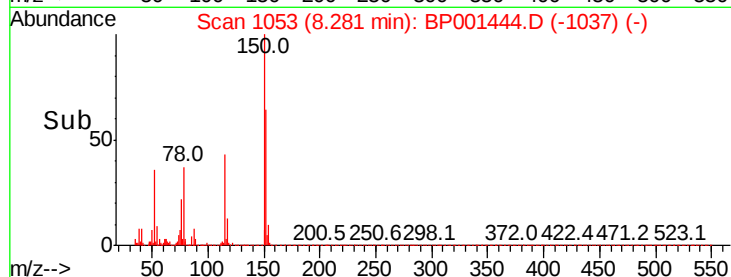
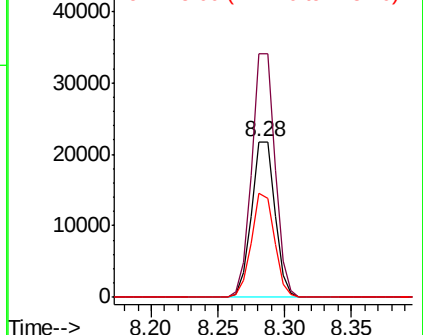
115 66.8 56.1 84.1



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: 124.582 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.02 min

Lab File: BP001444.D

Acq: 27 Dec 2019 04:54

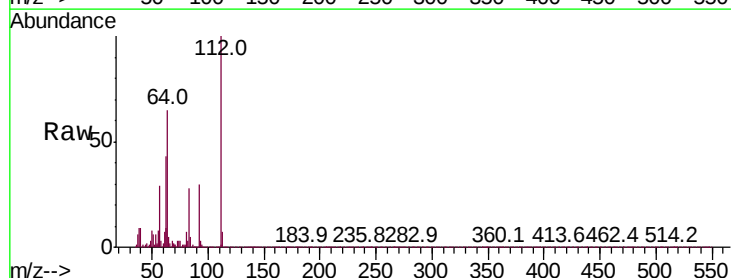
Tgt Ion:112 Resp: 201405

Ion Ratio Lower Upper

112 100

64 64.6 53.9 80.9

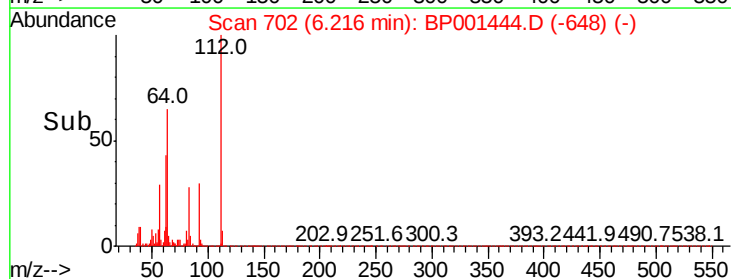
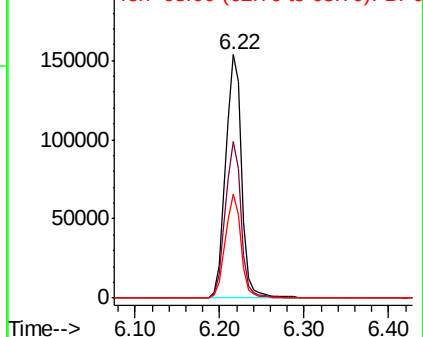
63 42.8 33.4 50.0

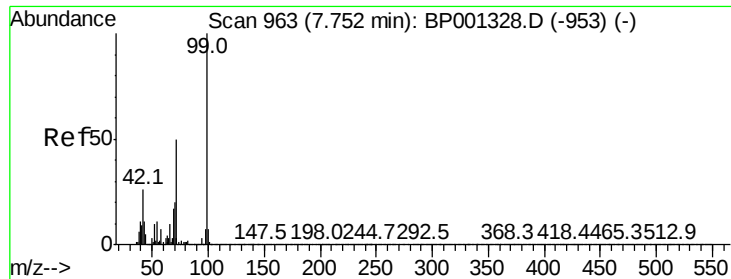


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 114.316 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001444.D

Acq: 27 Dec 2019 04:54

Instrument :

BNA_P

ClientSampleId :

K005-AB-WC-1

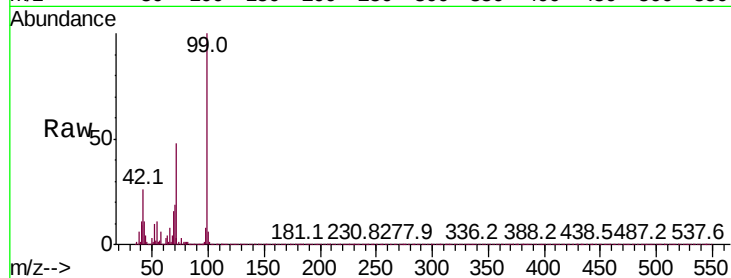
Tot Ion: 99 Resp: 241151

Ion Ratio Lower Upper

99 100

42 26.4 20.8 31.2

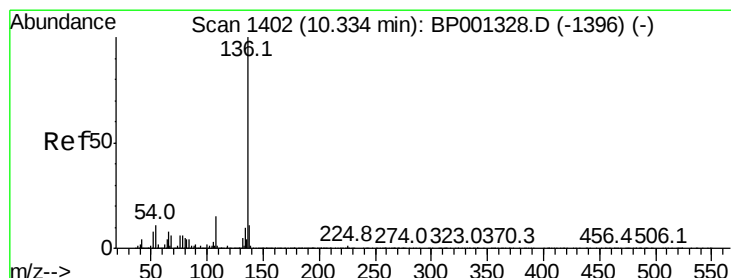
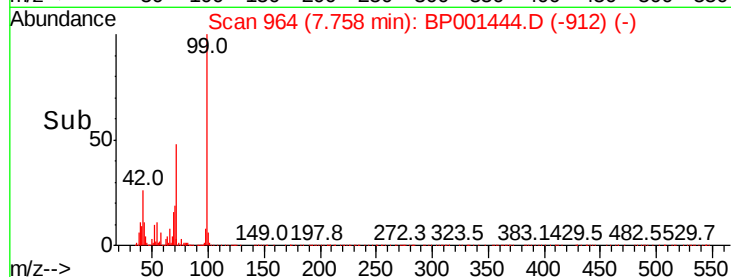
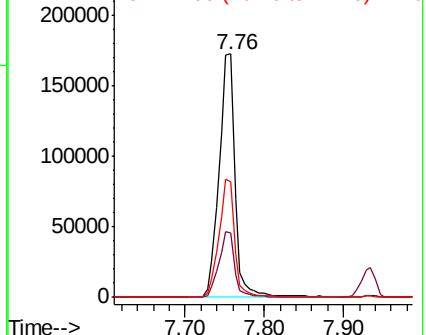
71 47.7 38.2 57.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BP001444.D

Acq: 27 Dec 2019 04:54

Tgt Ion: 136 Resp: 91310

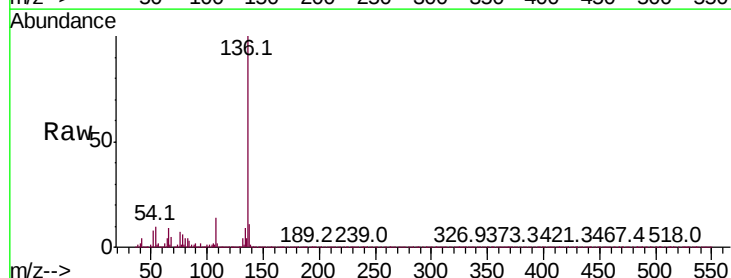
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 10.0 7.3 10.9

68 5.1 3.8 5.6

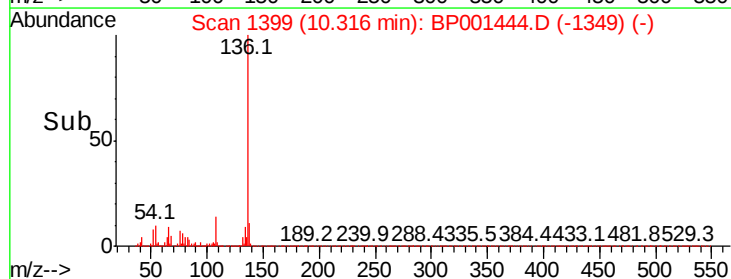
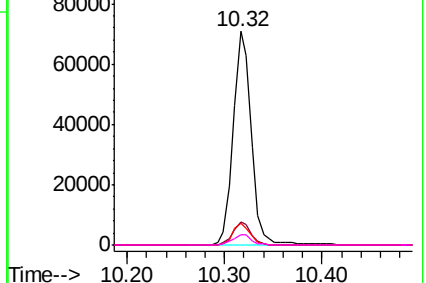


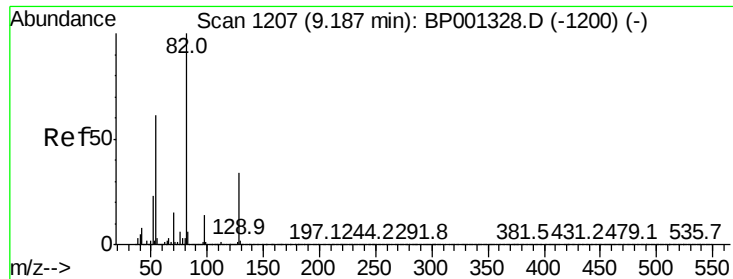
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

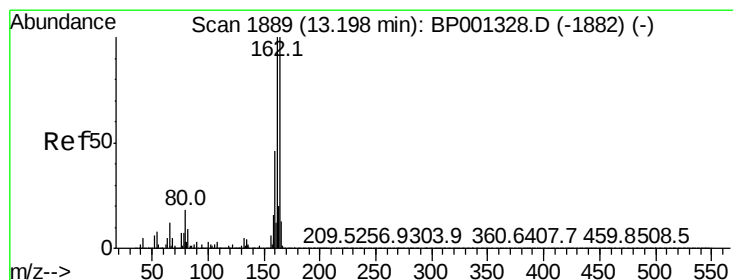
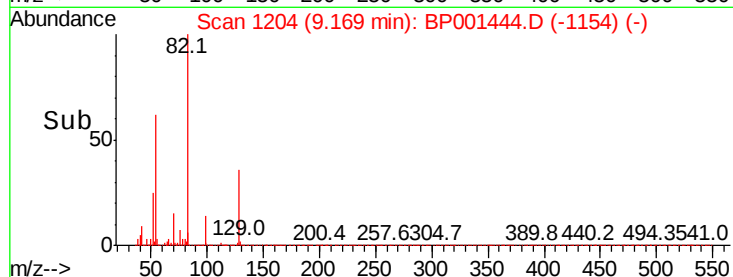
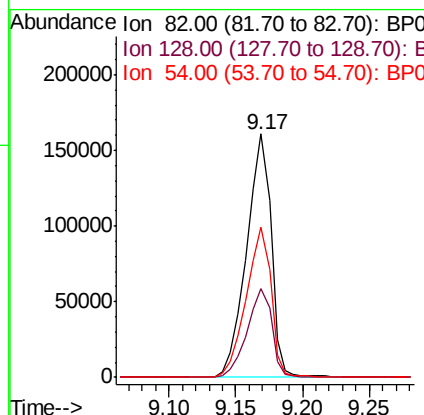
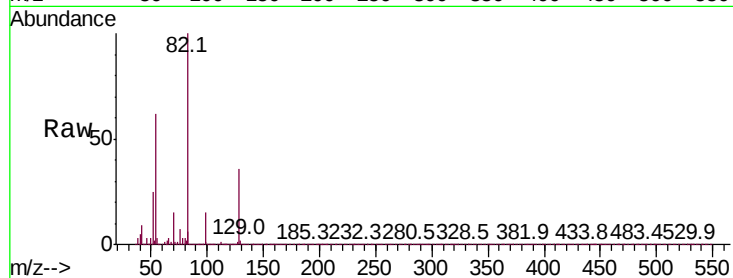




#23
 Nitrobenzene-d5
 Concen: 85.742 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BP001444.D
 Acq: 27 Dec 2019 04:54

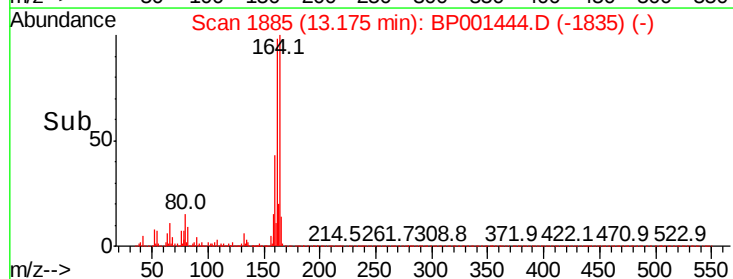
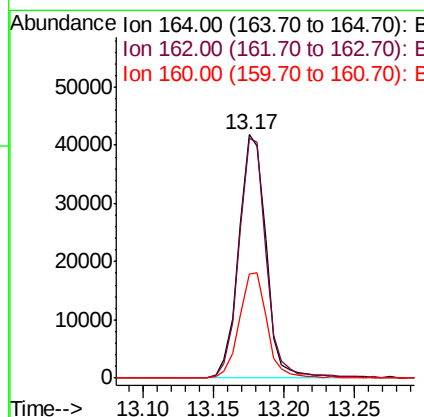
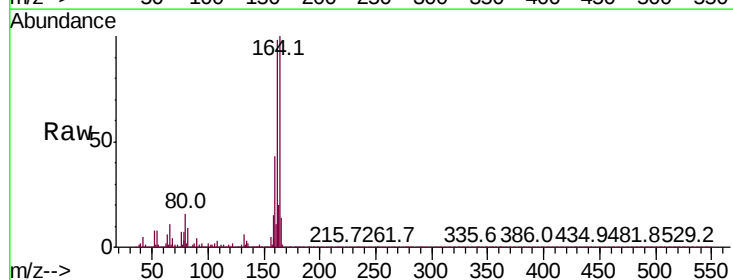
Instrument :
 BNA_P
 ClientSampleId :
 K005-AB-WC-1

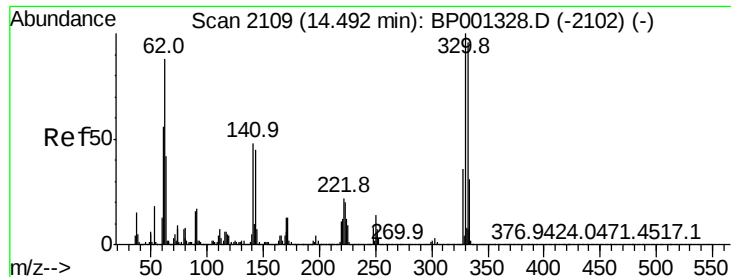
Tot Ion: 82 Resp: 203877
 Ion Ratio Lower Upper
 82 100
 128 36.2 27.4 41.0
 54 61.7 47.5 71.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.17 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BP001444.D
 Acq: 27 Dec 2019 04:54

Tgt Ion: 164 Resp: 56409
 Ion Ratio Lower Upper
 164 100
 162 98.4 78.2 117.4
 160 42.7 35.1 52.7

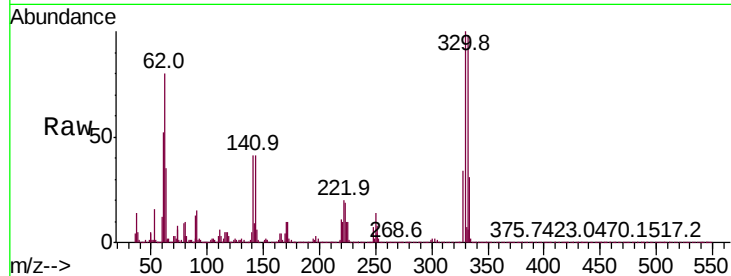




#42
 2,4,6-Tribromophenol
 Concen: 140.844 ng
 RT: 14.47 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BP001444.D
 Acq: 27 Dec 2019 04:54

Instrument :
 BNA_P
 ClientSampleId :
 K005-AB-WC-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.3	117.5
141	39.8	26.8	40.2

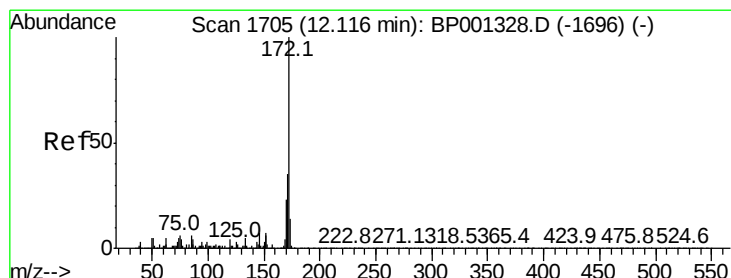
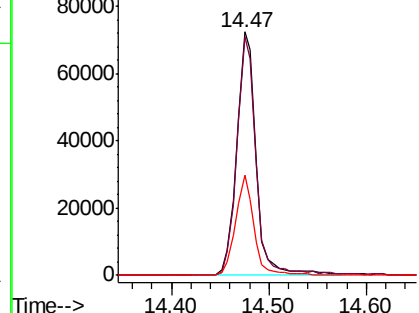
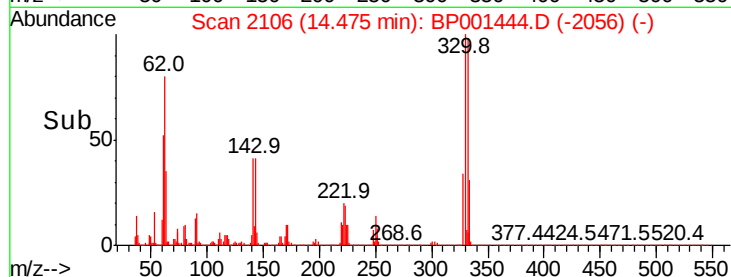


Abundance

Ion 329.80 (329.50 to 330.50): E

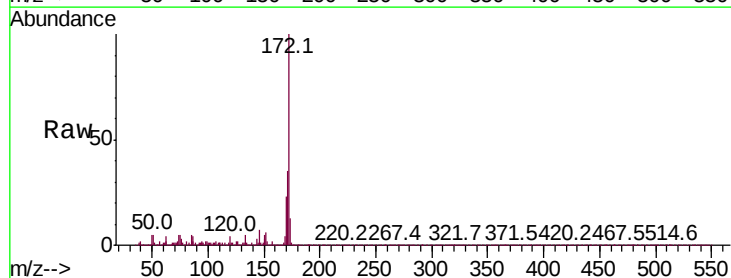
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.986 ng
 RT: 12.10 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BP001444.D
 Acq: 27 Dec 2019 04:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.4	41.0
170	23.3	18.2	27.4

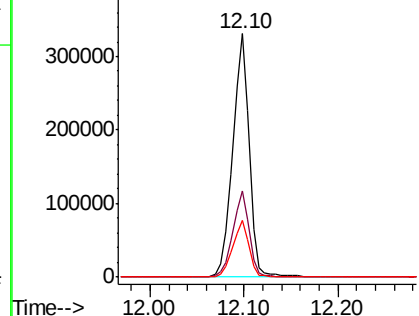
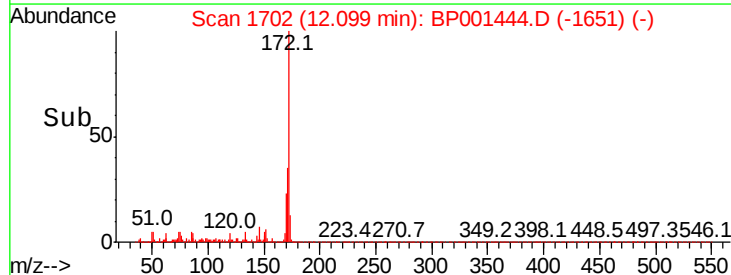


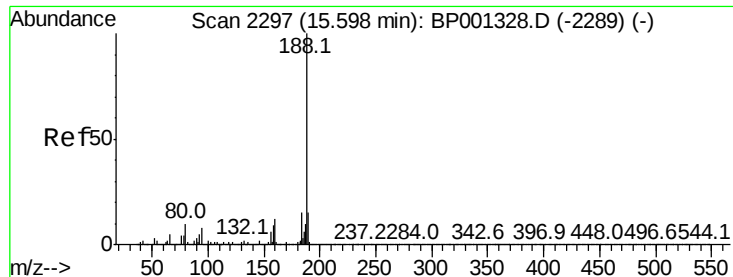
Abundance

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

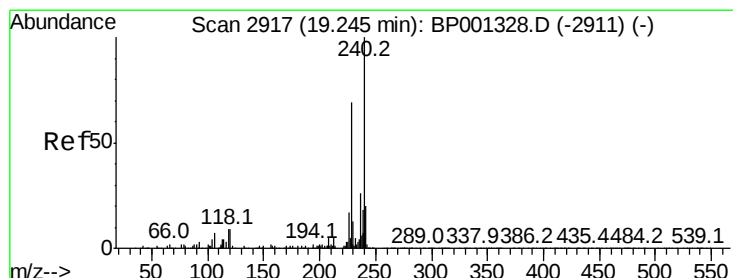
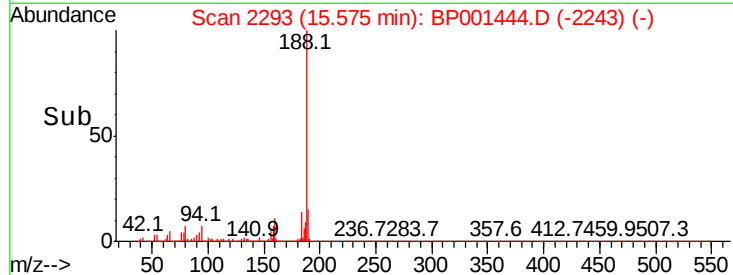
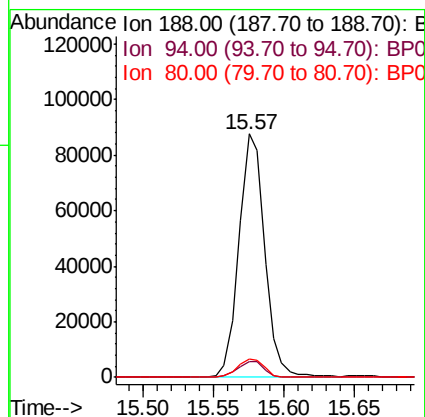
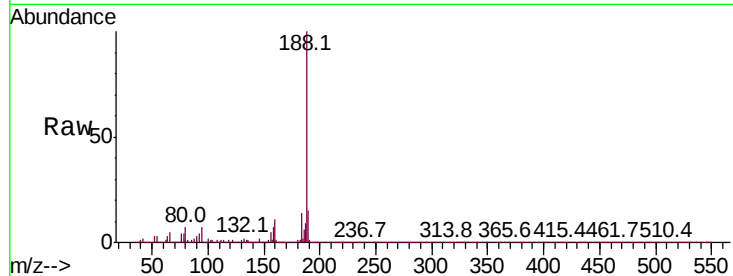




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BP001444.D
Acq: 27 Dec 2019 04:54

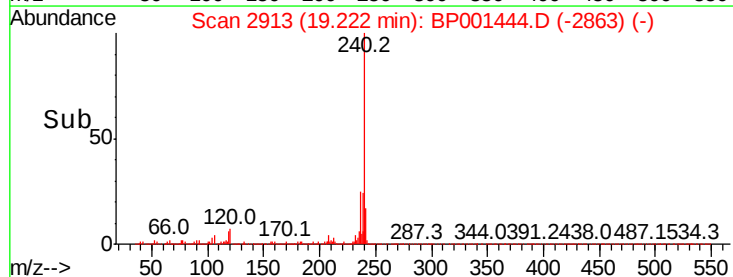
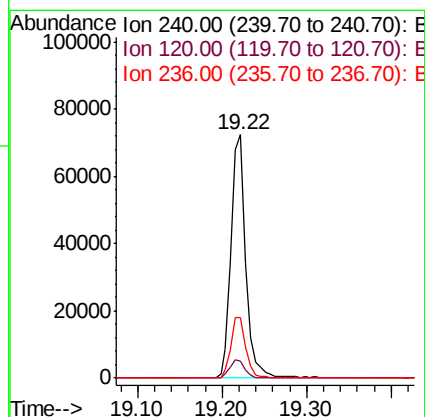
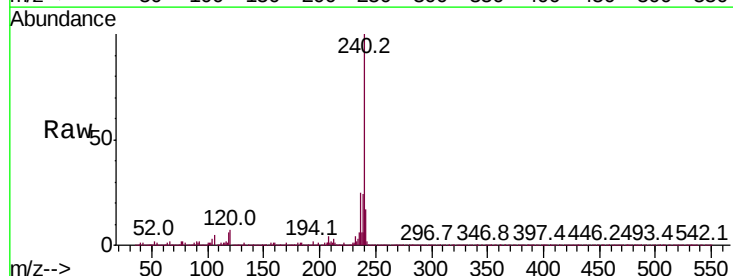
Instrument :
BNA_P
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K005-AB-WC-1

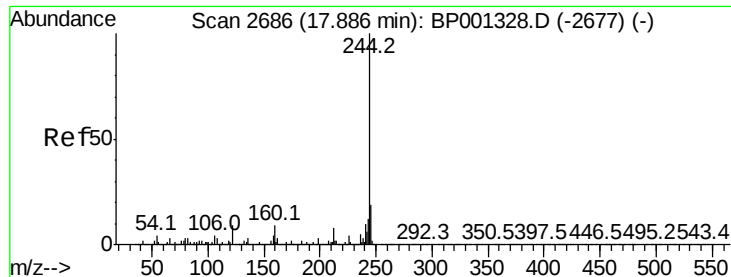
Tot Ion:188 Resp: 112030
Ion Ratio Lower Upper
188 100
94 6.5 5.8 8.8
80 7.3 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001444.D
Acq: 27 Dec 2019 04:54

Tgt Ion:240 Resp: 86164
Ion Ratio Lower Upper
240 100
120 7.0 6.2 9.2
236 25.1 20.2 30.2

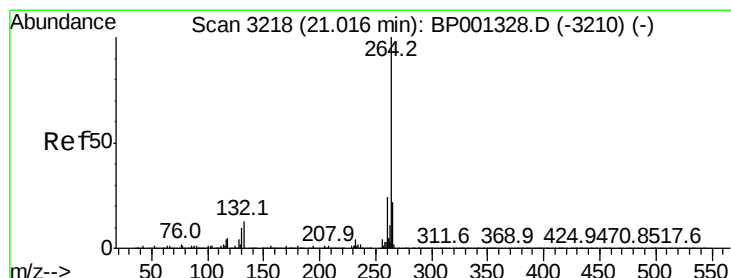
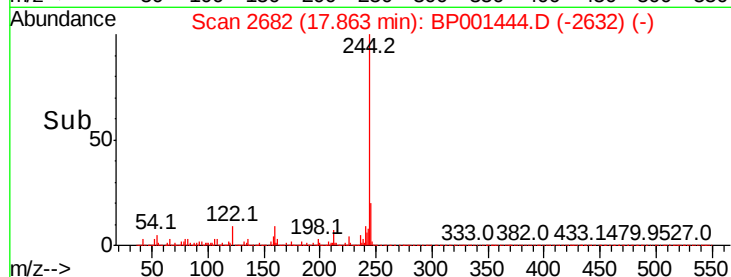
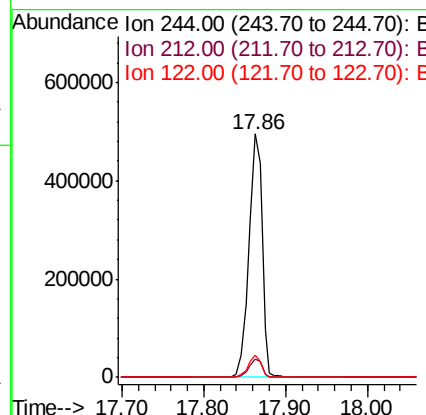
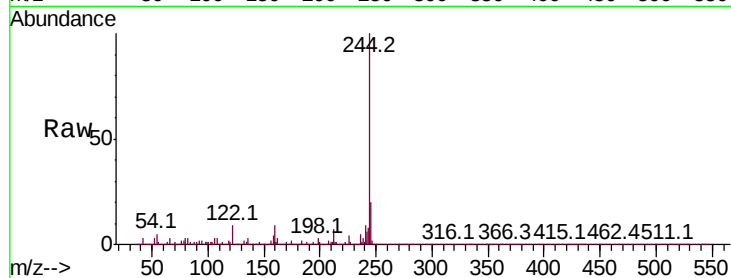




#79
 Terphenyl-d14
 Concen: 110.329 ng
 RT: 17.86 min Scan# 2682
 Delta R.T. -0.01 min
 Lab File: BP001444.D
 Acq: 27 Dec 2019 04:54

Instrument :
 BNA_P
 ClientSampleId :
 K005-AB-WC-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	9.2	6.4	9.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.99 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BP001444.D
 Acq: 27 Dec 2019 04:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	22.8	17.0	25.4

