

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001445.D
 Acq On : 27 Dec 2019 05:24
 Operator : JU
 Sample : K6414-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 K183-WC-01

Quant Time: Dec 27 11:44:06 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	8.29	152	27859	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	102647	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	61438	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	121537	20.00	ng	0.00
76) Chrysene-d12	19.22	240	92176	20.00	ng	0.00
87) Perylene-d12	20.99	264	93616	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	218137	126.55	ng	0.02
7) Phenol-d6	7.76	99	262758	116.82	ng	0.00
23) Nitrobenzene-d5	9.17	82	218911	81.90	ng	0.00
42) 2,4,6-Tribromophenol	14.48	330	108784	141.62	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	441847	90.94	ng	0.00
79) Terphenyl-d14	17.87	244	598039	111.12	ng	0.00

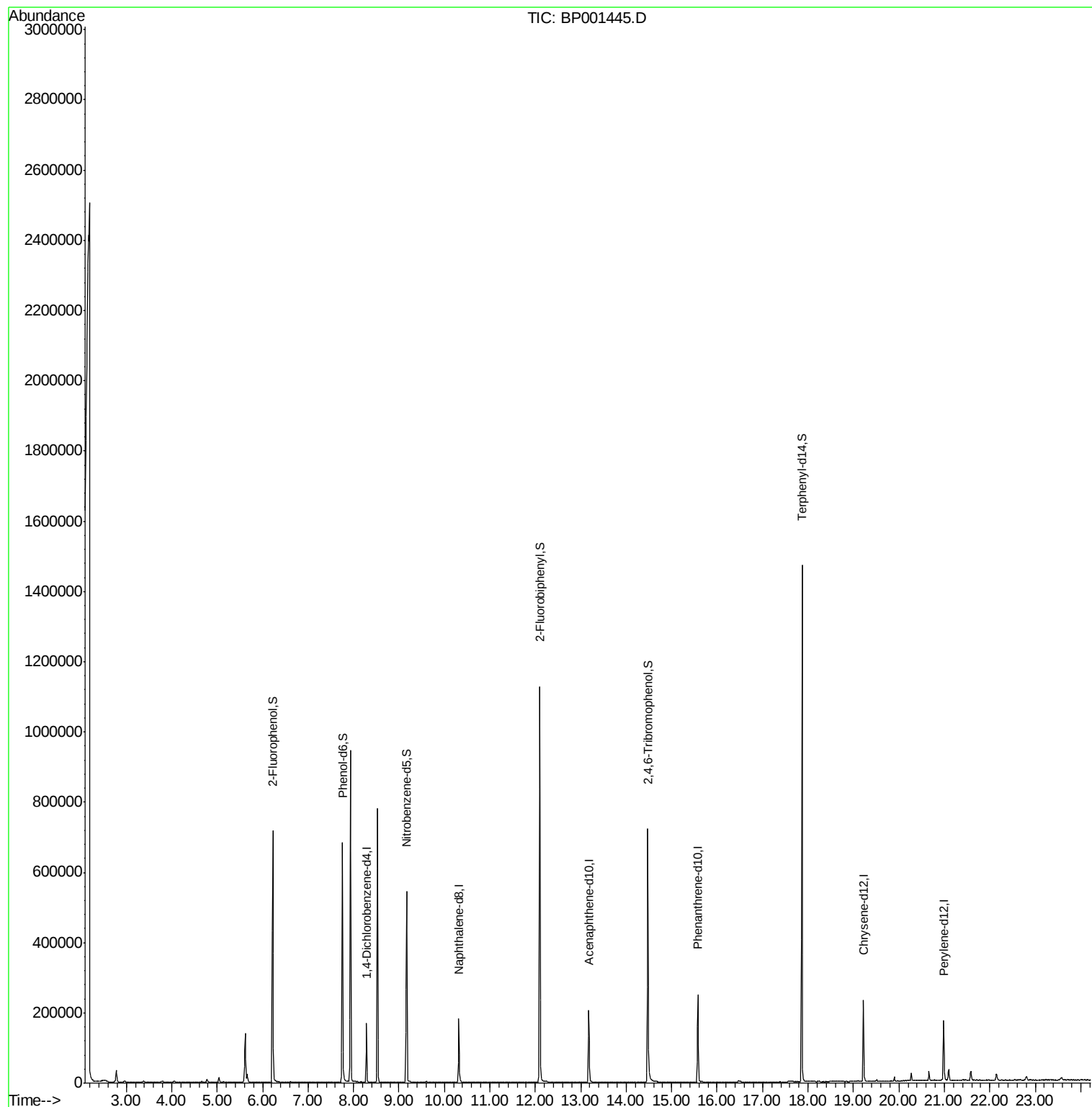
Target Compounds Qvalue

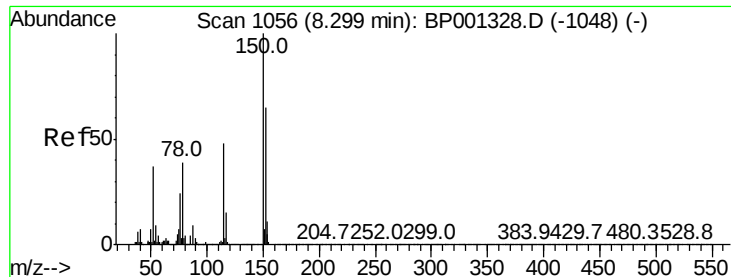
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BP001445.D

Acq: 27 Dec 2019 05:24

Instrument :

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ClientSampleId :

K183-WC-01

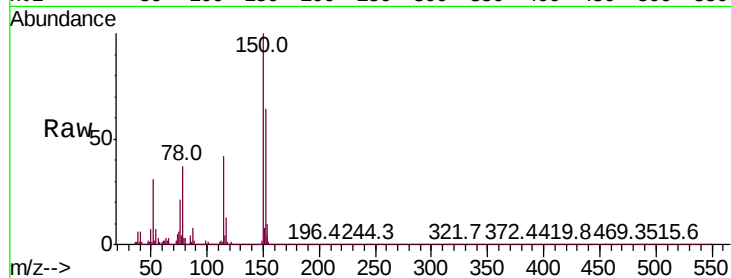
Tot Ion:152 Resp: 27859

Ion Ratio Lower Upper

152 100

150 156.6 127.0 190.6

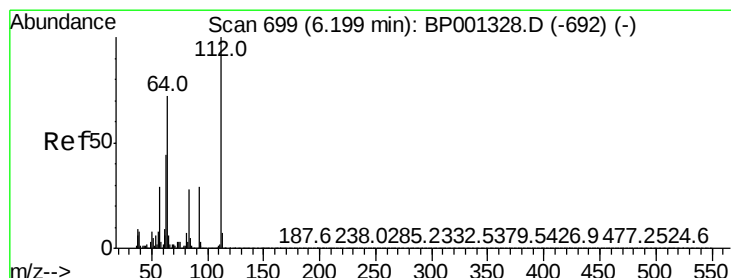
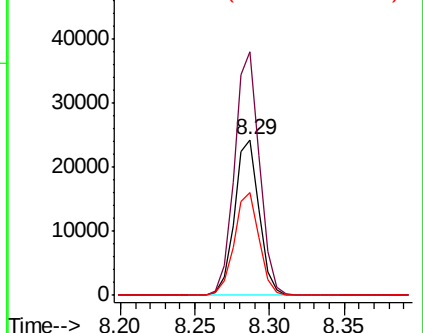
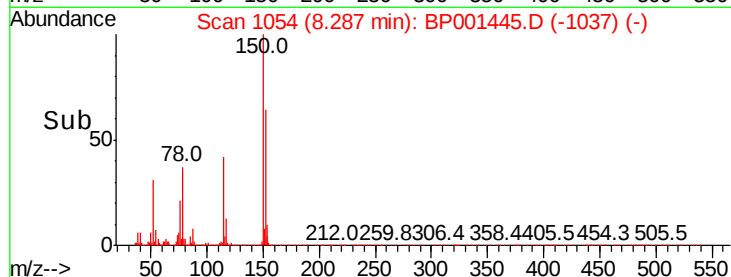
115 66.2 56.1 84.1



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: 126.548 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BP001445.D

Acq: 27 Dec 2019 05:24

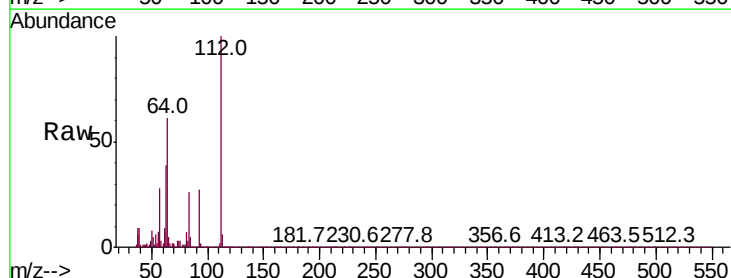
Tgt Ion:112 Resp: 218137

Ion Ratio Lower Upper

112 100

64 61.4 53.9 80.9

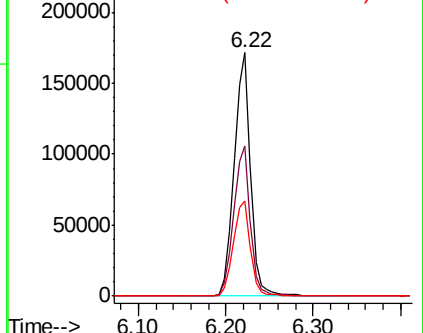
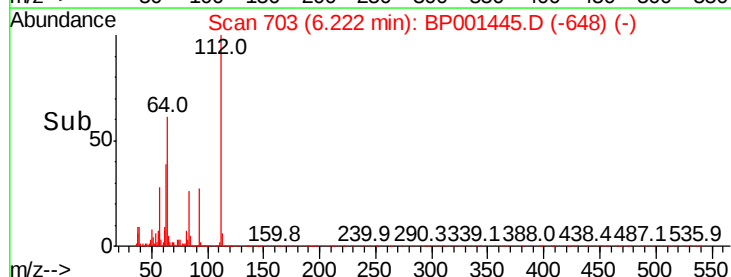
63 39.2 33.4 50.0

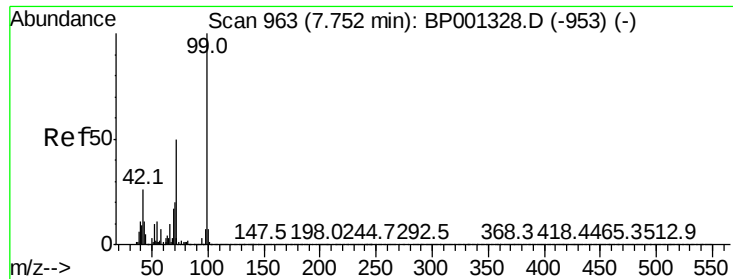


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 116.820 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001445.D

Acq: 27 Dec 2019 05:24

Instrument :

BNA_P

ClientSampleId :

K183-WC-01

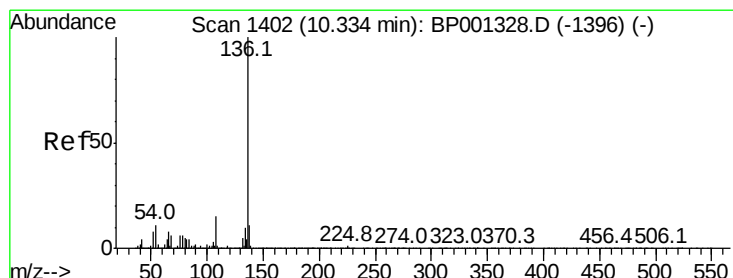
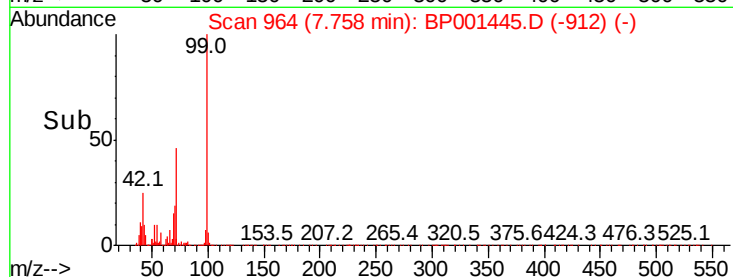
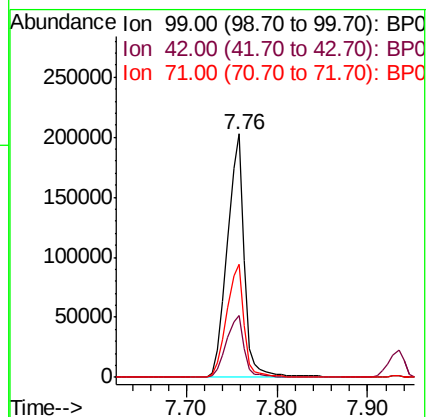
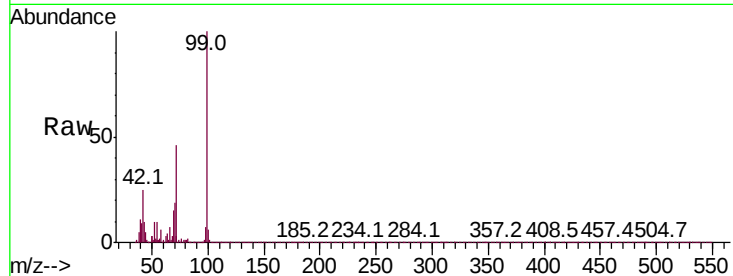
Tot Ion: 99 Resp: 262758

Ion Ratio Lower Upper

99 100

42 25.5 20.8 31.2

71 46.3 38.2 57.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BP001445.D

Acq: 27 Dec 2019 05:24

Tgt Ion: 136 Resp: 102647

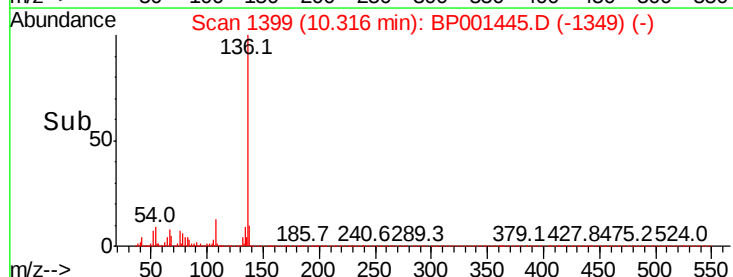
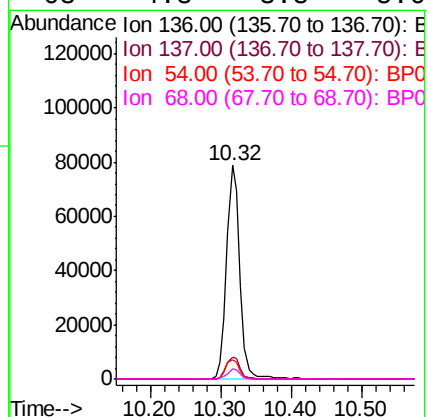
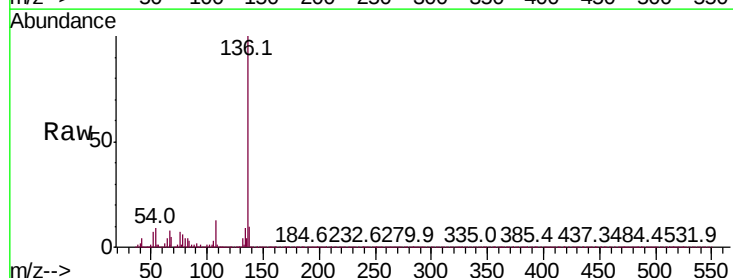
Ion Ratio Lower Upper

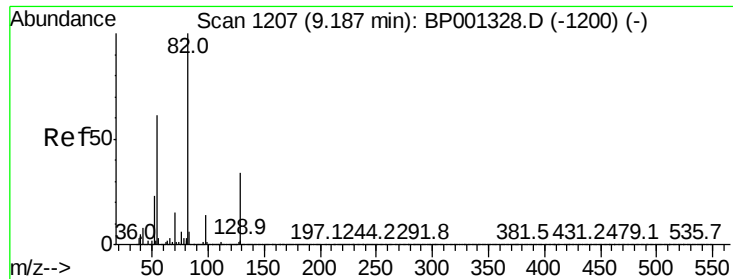
136 100

137 10.4 9.0 13.4

54 8.8 7.3 10.9

68 4.8 3.8 5.6

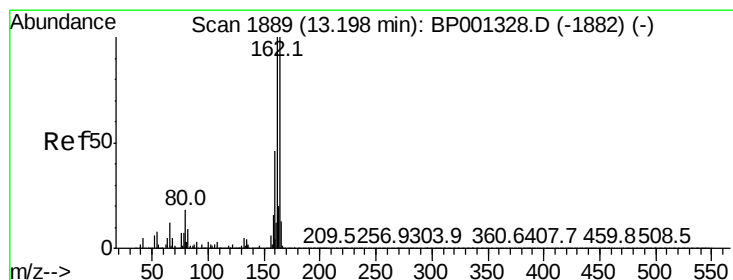
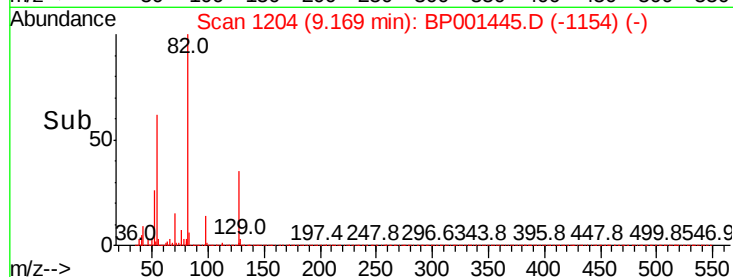
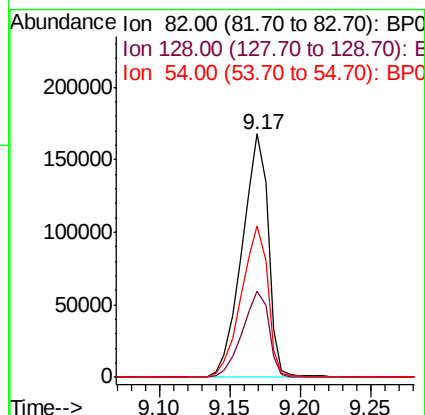
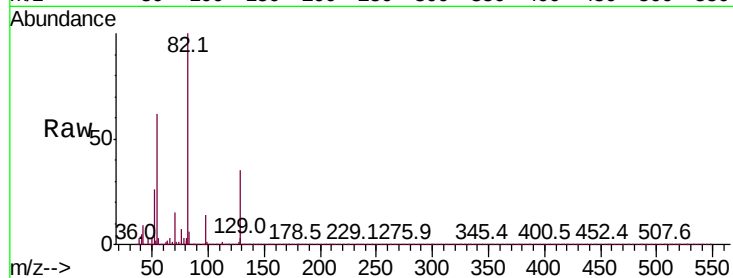




#23
 Nitrobenzene-d5
 Concen: 81.897 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BP001445.D
 Acq: 27 Dec 2019 05:24

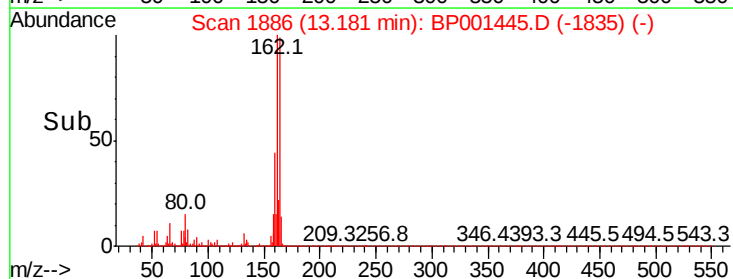
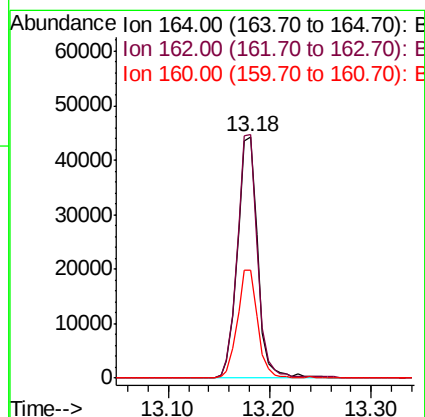
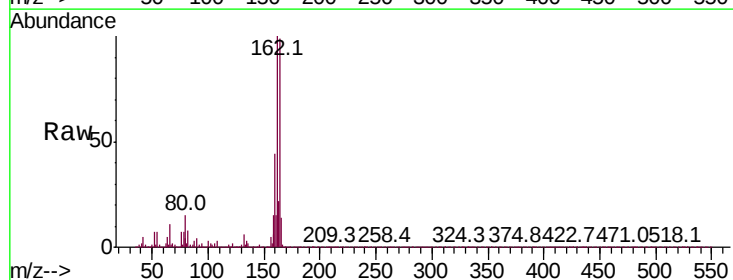
Instrument :
 BNA_P
 ClientSampleId :
 K183-WC-01

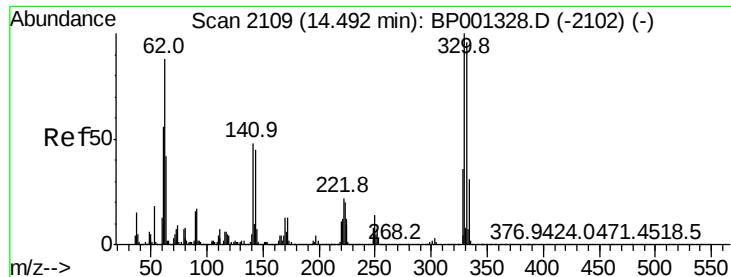
Tot Ion	82	128	54
Ion	82	128	54
Ratio	100	35.2	62.3
Lower		27.4	47.5
Upper		41.0	71.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.18 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BP001445.D
 Acq: 27 Dec 2019 05:24

Tgt Ion	164	162	160
Ion	164	162	160
Ratio	100	100.8	44.6
Lower		78.2	35.1
Upper		117.4	52.7

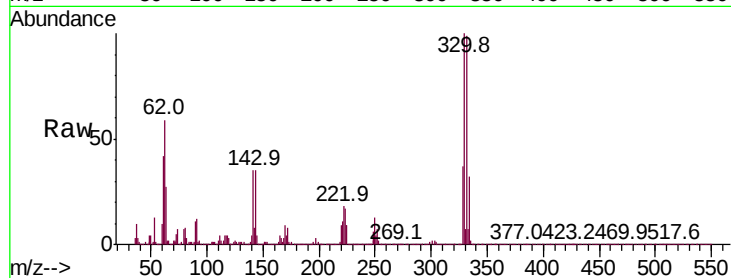




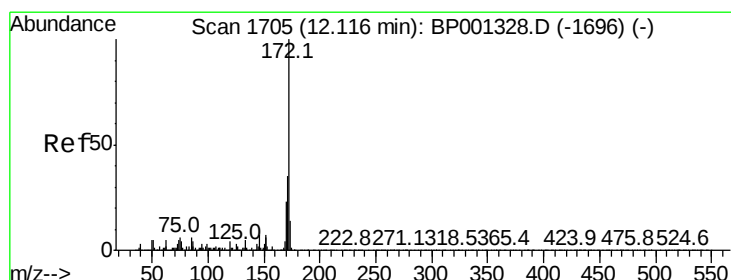
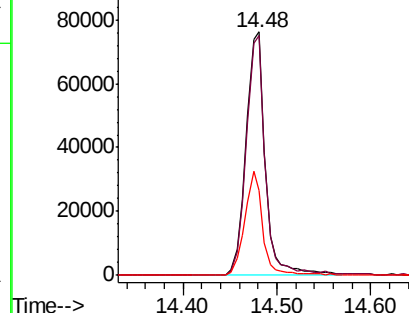
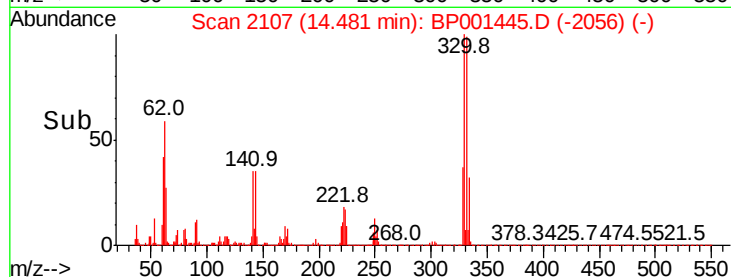
#42
2,4,6-Tribromophenol
Concen: 141.625 ng
RT: 14.48 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BP001445.D
Acq: 27 Dec 2019 05:24

Instrument :
BNA_P
ClientSampleId :
K183-WC-01

Tot Ion:330 Resp: 108784
Ion Ratio Lower Upper
330 100
332 98.2 78.3 117.5
141 39.8 26.8 40.2

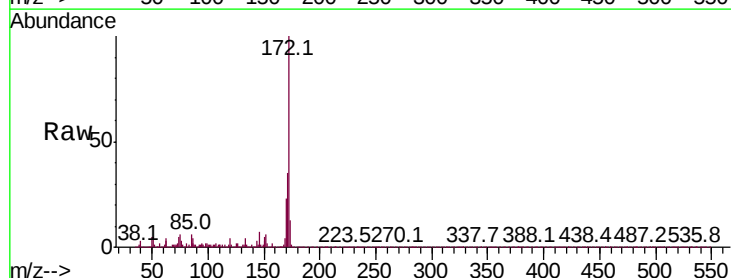


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

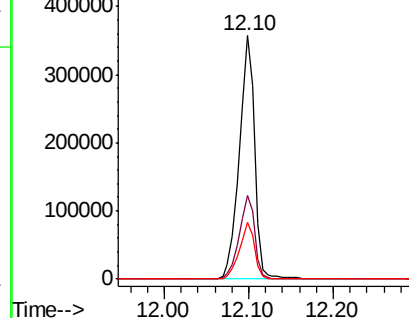
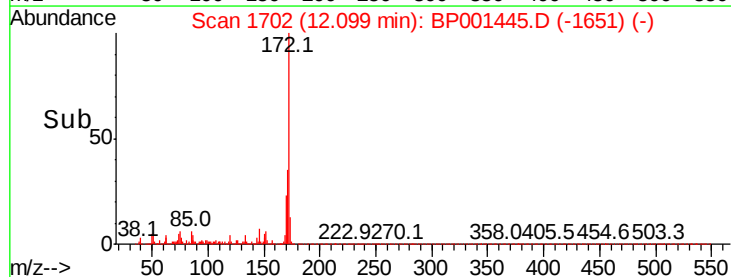


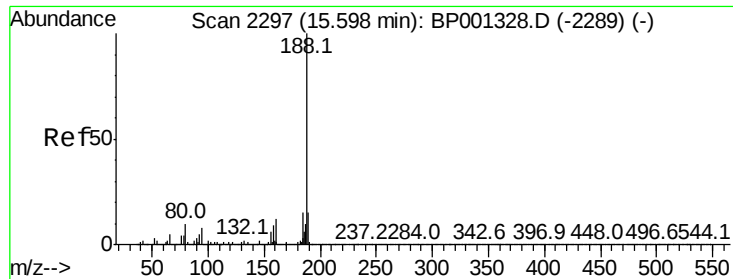
#45
2-Fluorobiphenyl
Concen: 90.939 ng
RT: 12.10 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BP001445.D
Acq: 27 Dec 2019 05:24

Tgt Ion:172 Resp: 441847
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.0
170 23.4 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

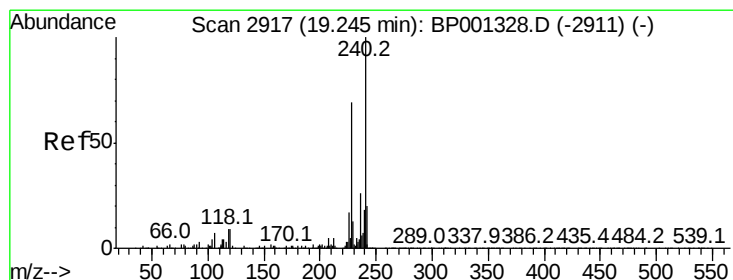
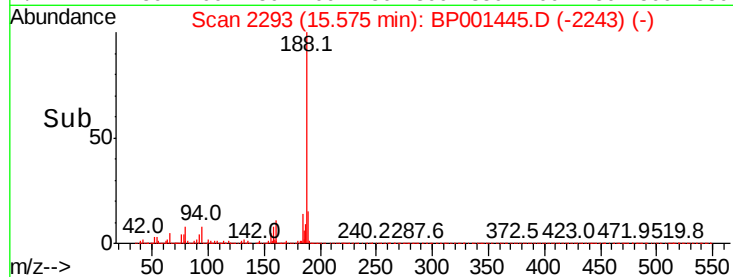
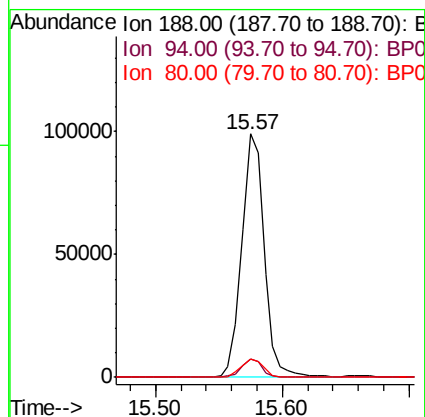
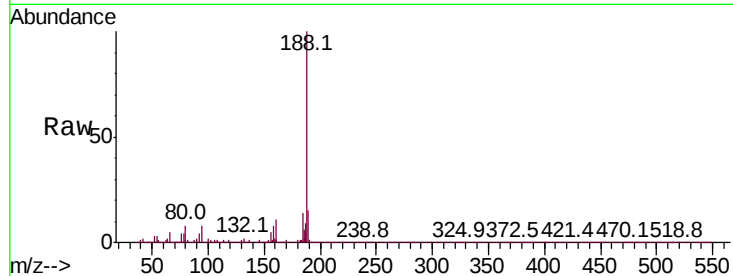




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BP001445.D
Acq: 27 Dec 2019 05:24

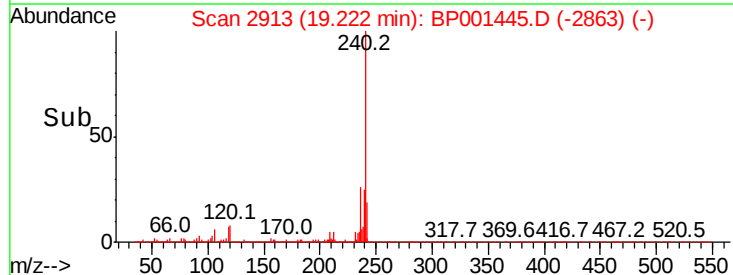
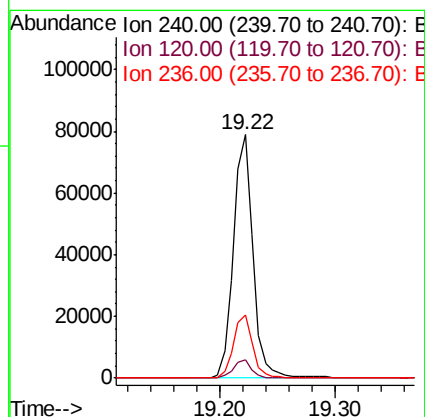
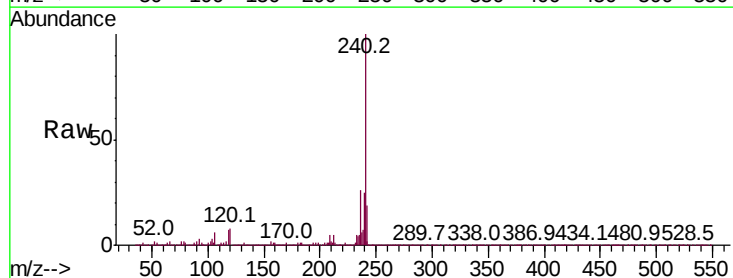
Instrument :
BNA_P
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K183-WC-01

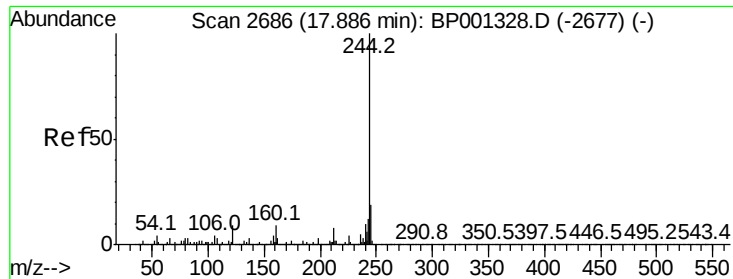
Tot Ion:188 Resp: 121537
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.8
80 7.6 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001445.D
Acq: 27 Dec 2019 05:24

Tgt Ion:240 Resp: 92176
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.2
236 26.1 20.2 30.2





#79

Terphenyl-d14

Concen: 111.124 ng

RT: 17.87 min Scan# 2683

Delta R.T. 0.00 min

Lab File: BP001445.D

Acq: 27 Dec 2019 05:24

Instrument :

BNA_P

ClientSampleId :

K183-WC-01

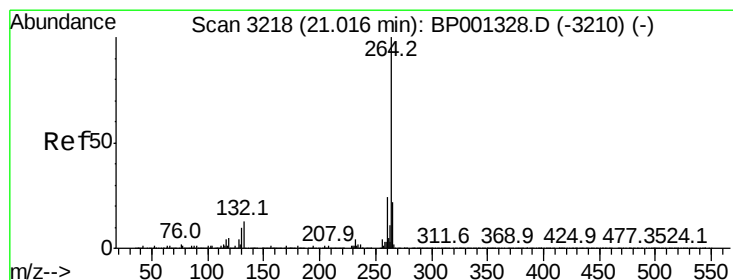
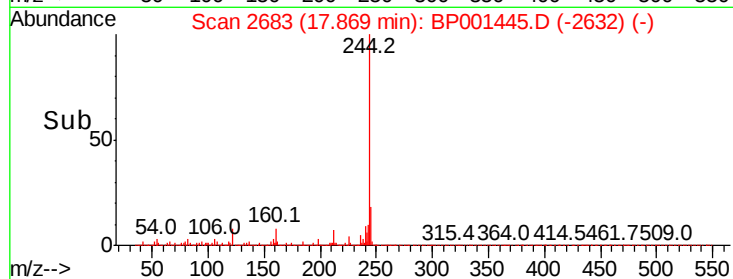
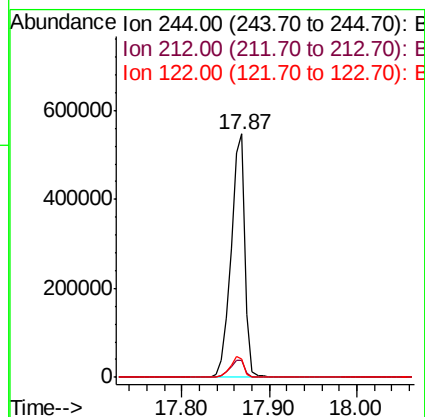
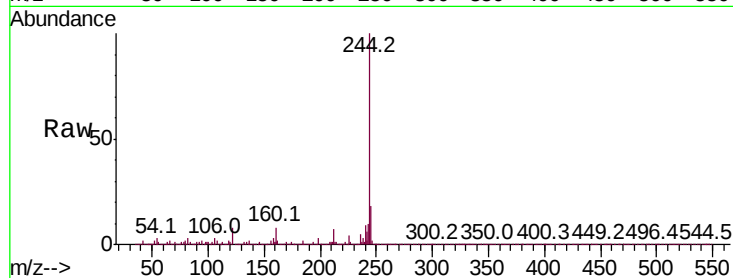
Tot Ion:244 Resp: 598039

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 7.8 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: BP001445.D

Acq: 27 Dec 2019 05:24

Tgt Ion:264 Resp: 93616

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 21.9 17.0 25.4

