

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
 Data File : BP001066.D
 Acq On : 18 Nov 2019 18:03
 Operator : JU
 Sample : PB124900BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB124900BL

Quant Time: Nov 19 04:46:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	189179	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	706055	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	427673	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	914849	20.00	ng	0.00
76) Chrysene-d12	19.29	240	787365	20.00	ng	-0.01
87) Perylene-d12	21.07	264	810468	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	1232542	118.59	ng	0.01
7) Phenol-d6	7.82	99	1586112	120.68	ng	0.00
23) Nitrobenzene-d5	9.24	82	1012443	79.32	ng	-0.02
42) 2,4,6-Tribromophenol	14.55	330	744697	145.86	ng	0.00
45) 2-Fluorobiphenyl	12.17	172	2335156	82.23	ng	-0.01
79) Terphenyl-d14	17.93	244	3406179	86.05	ng	0.00

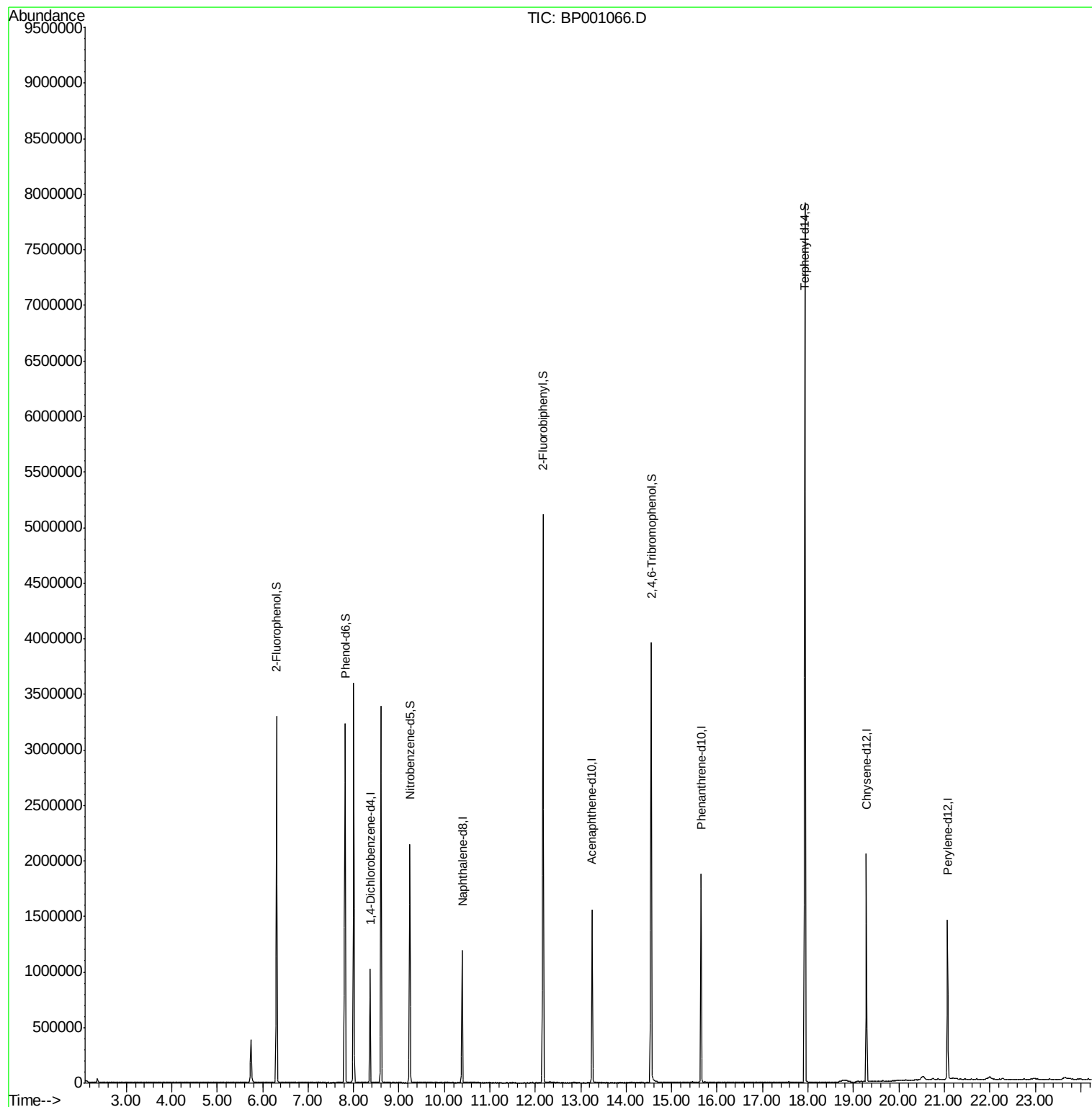
Target Compounds Qvalue

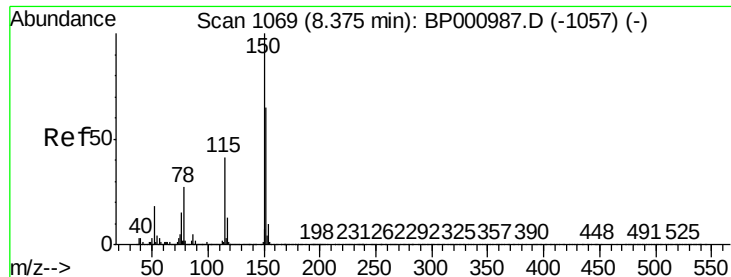
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BP001066.D

Acq: 18 Nov 2019 18:03

Instrument :

BNA_P

ClientSampleId :

PB124900BL

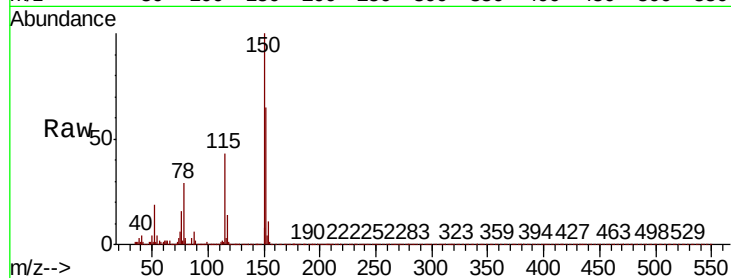
Tot Ion:152 Resp: 189179

Ion Ratio Lower Upper

152 100

150 154.3 123.6 185.4

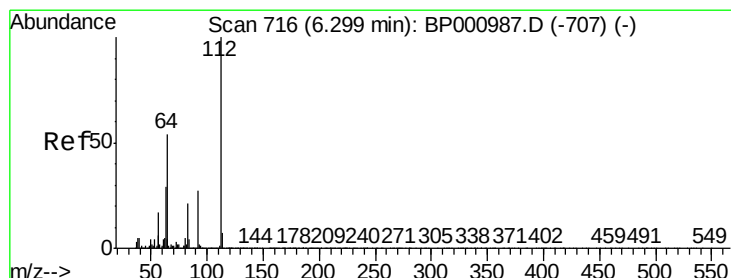
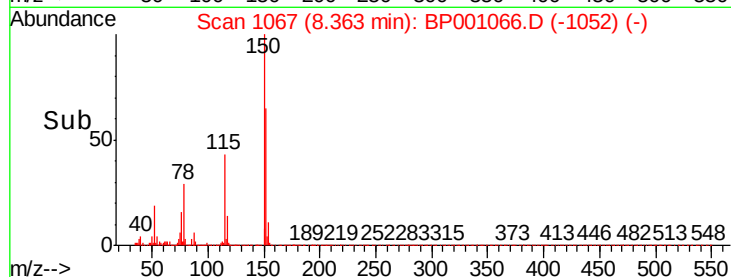
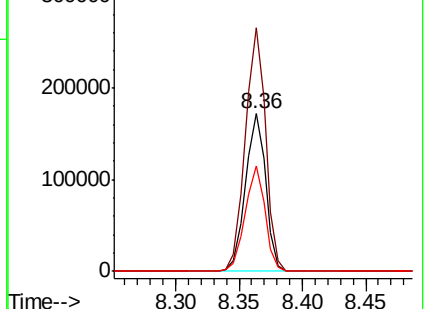
115 66.6 50.1 75.1



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: 118.588 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BP001066.D

Acq: 18 Nov 2019 18:03

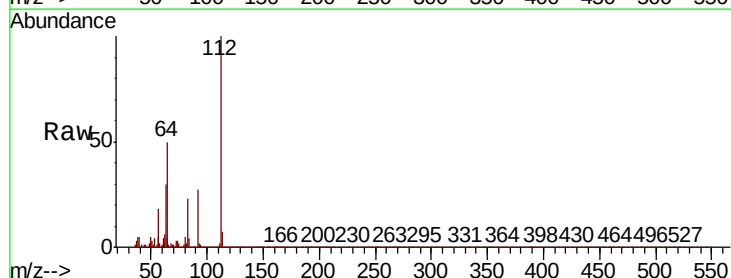
Tgt Ion:112 Resp: 1232542

Ion Ratio Lower Upper

112 100

64 50.5 43.4 65.0

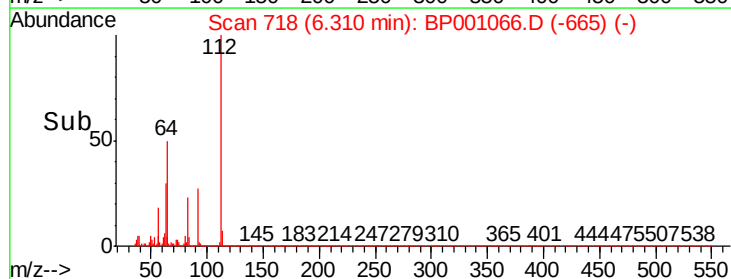
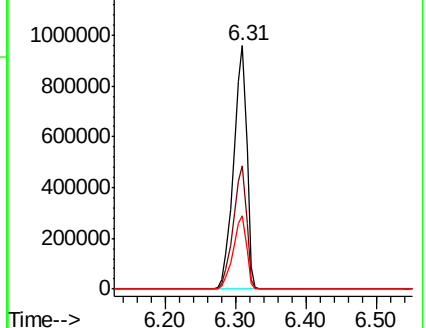
63 30.1 23.4 35.0

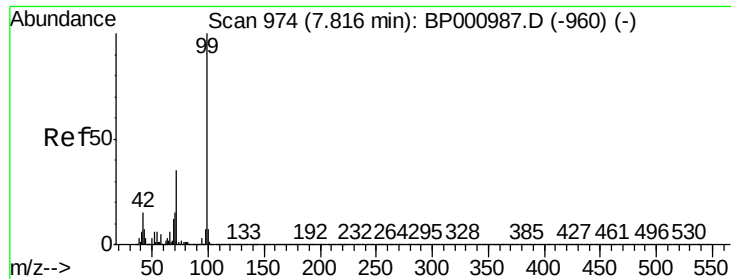


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 120.680 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001066.D

Acq: 18 Nov 2019 18:03

Instrument :

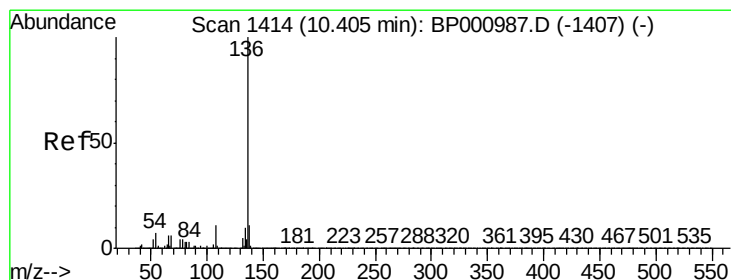
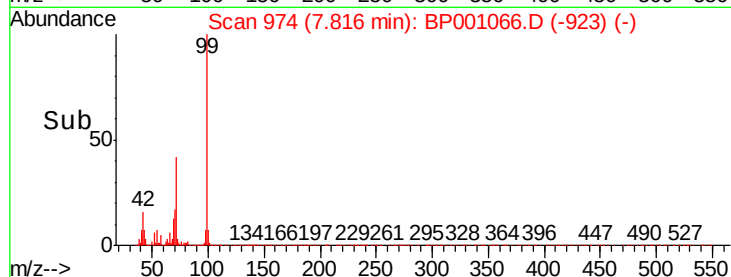
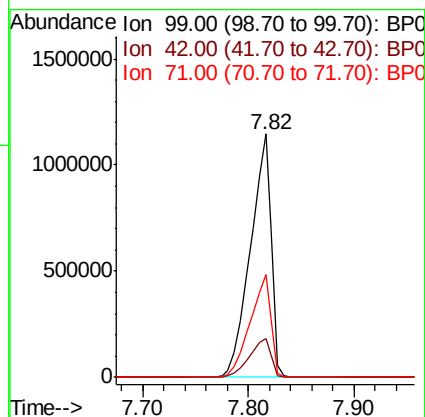
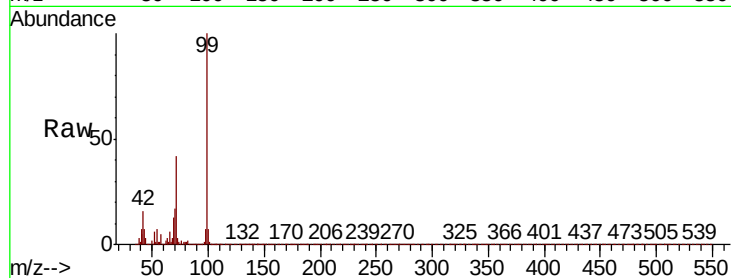
BNA_P

ClientSampleID :

PB124900BL

Tot Ion: 99 Resp: 1586112

Ion	Ratio	Lower	Upper
99	100		
42	16.0	11.6	17.4
71	42.1	28.0	42.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1412

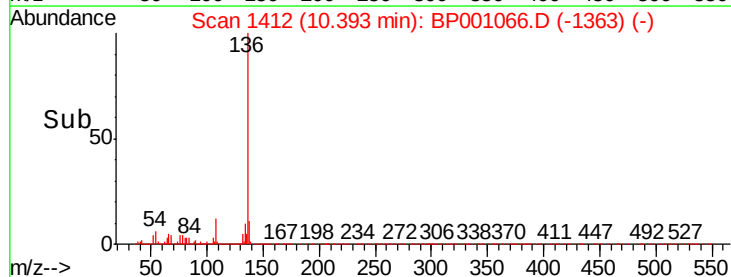
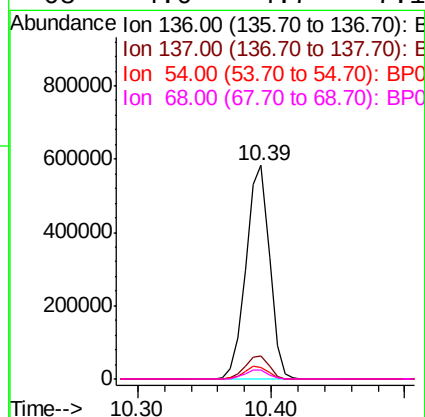
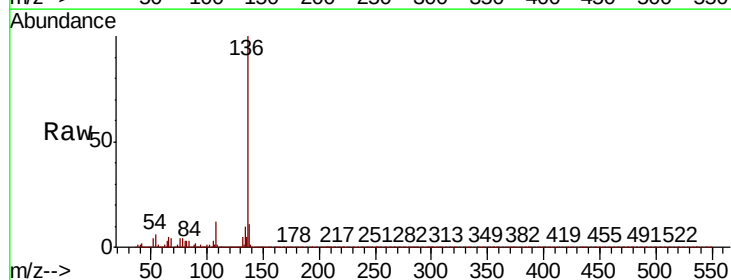
Delta R.T. -0.01 min

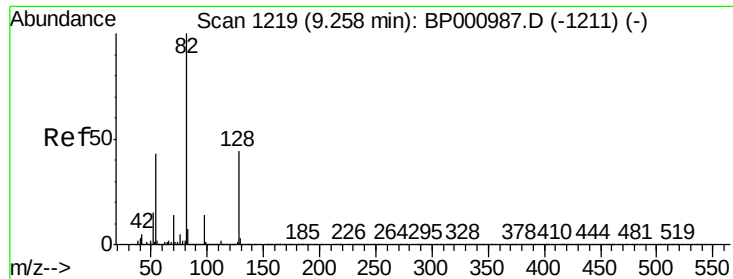
Lab File: BP001066.D

Acq: 18 Nov 2019 18:03

Tgt Ion: 136 Resp: 706055

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	5.6	5.4	8.2
68	4.0	4.7	7.1#

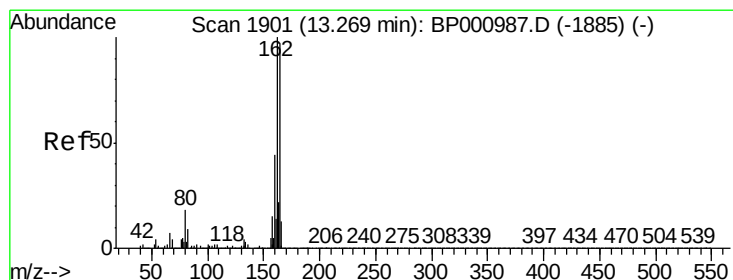
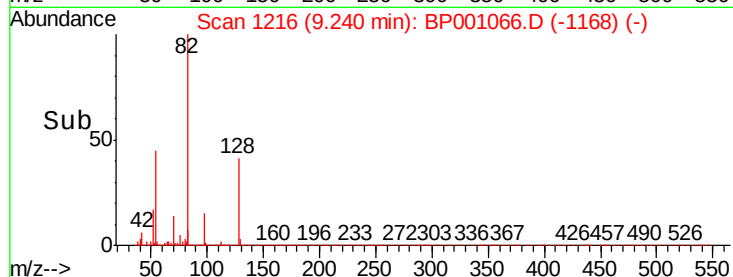
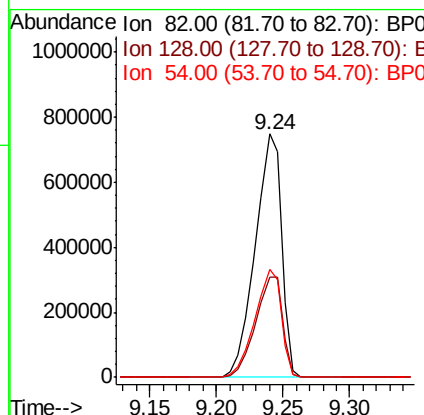
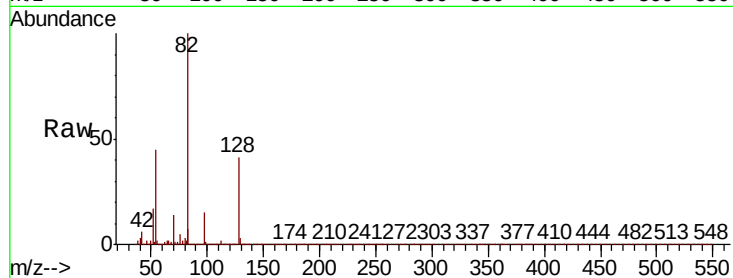




#23
Nitrobenzene-d5
Concen: 79.321 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP001066.D
Acq: 18 Nov 2019 18:03

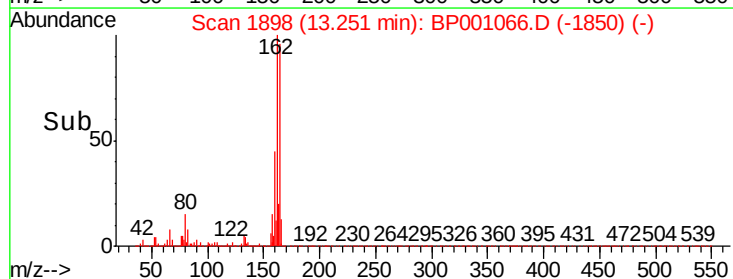
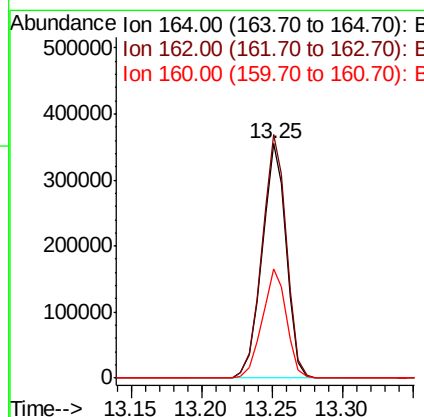
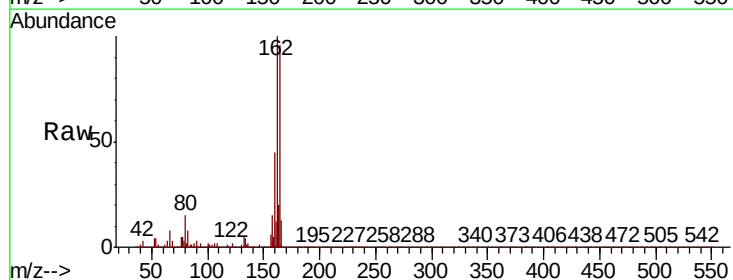
Instrument :
BNA_P
ClientSampleId :
PB124900BL

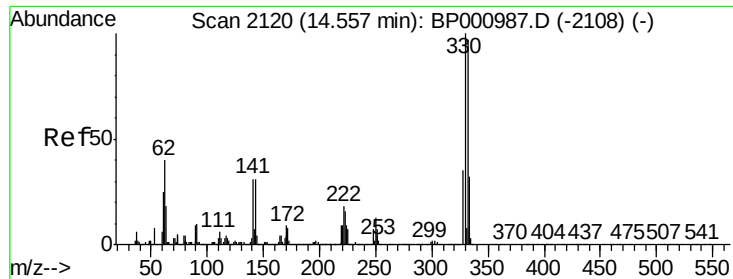
Tot Ion: 82 Resp: 1012443
Ion Ratio Lower Upper
82 100
128 41.4 35.3 52.9
54 44.6 34.3 51.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BP001066.D
Acq: 18 Nov 2019 18:03

Tgt Ion:164 Resp: 427673
Ion Ratio Lower Upper
164 100
162 103.9 82.6 123.8
160 46.5 36.5 54.7

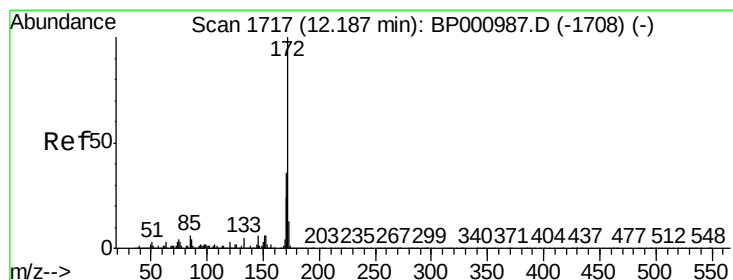
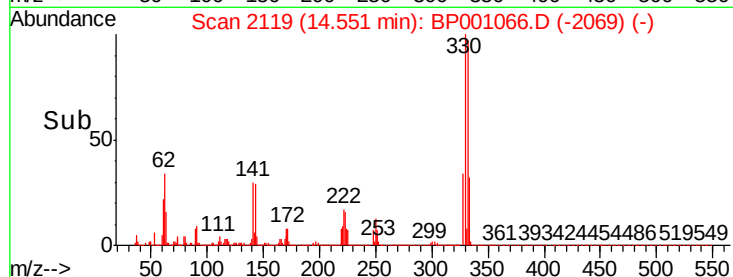
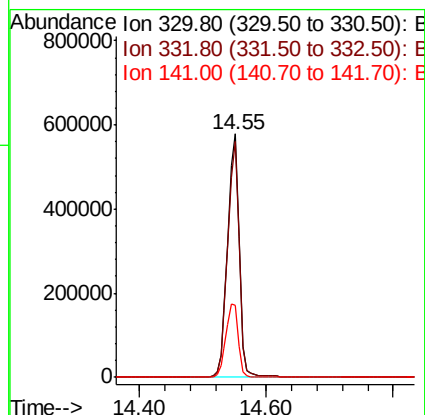
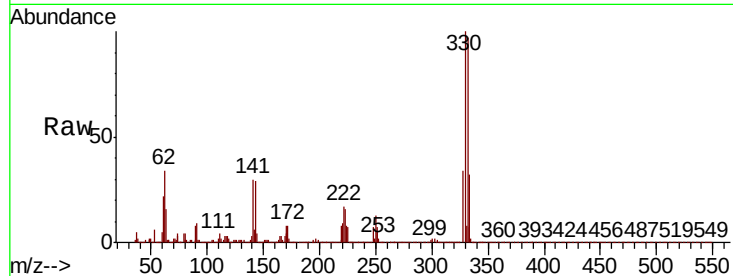




#42
 2,4,6-Tribromophenol
 Concen: 145.863 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BP001066.D
 Acq: 18 Nov 2019 18:03

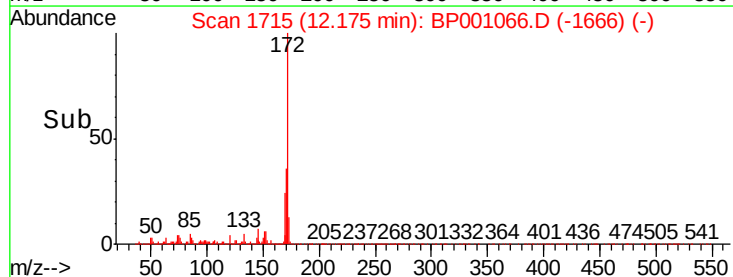
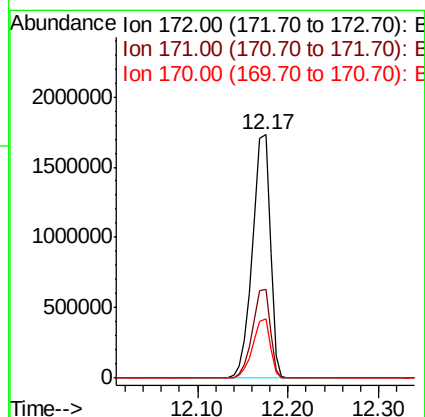
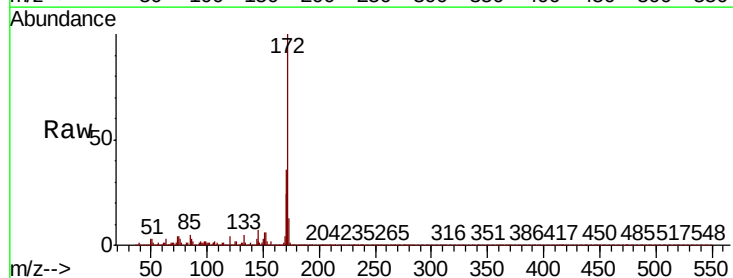
Instrument :
 BNA_P
 ClientSampleId :
 PB124900BL

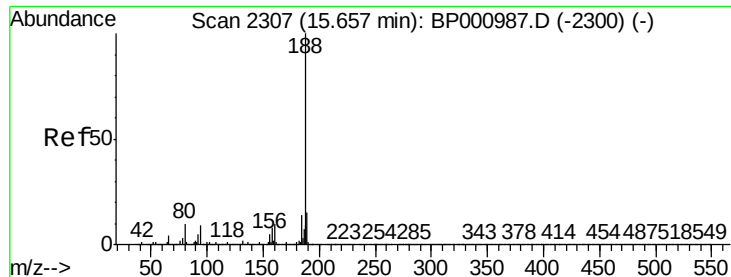
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.3	117.5
141	32.3	25.0	37.4



#45
 2-Fluorobiphenyl
 Concen: 82.235 ng
 RT: 12.17 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BP001066.D
 Acq: 18 Nov 2019 18:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	24.2	18.9	28.3

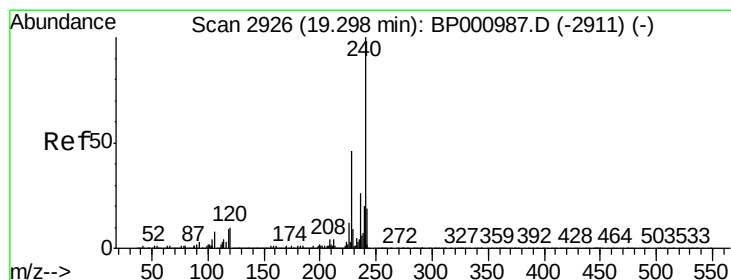
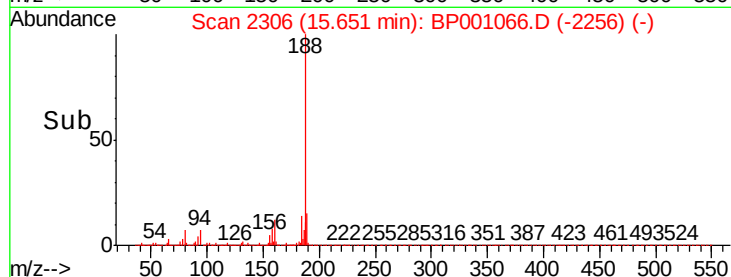
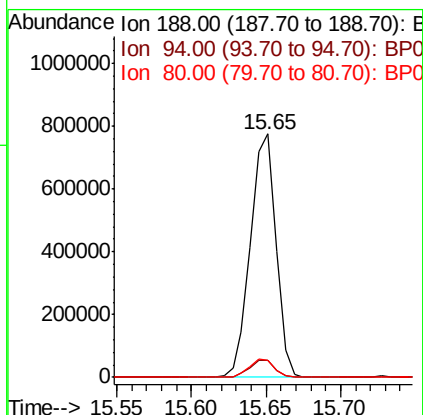
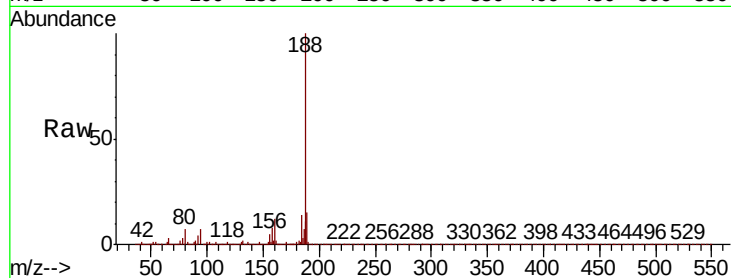




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001066.D
Acq: 18 Nov 2019 18:03

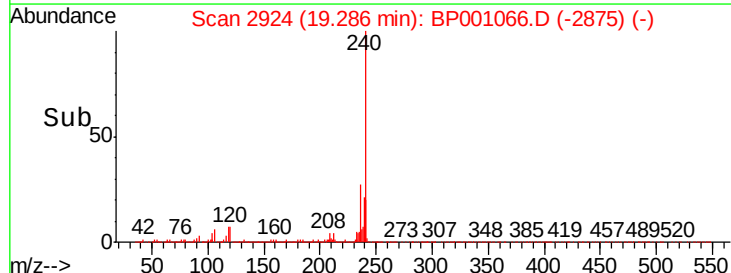
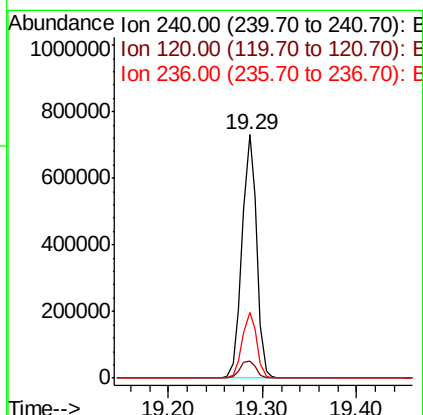
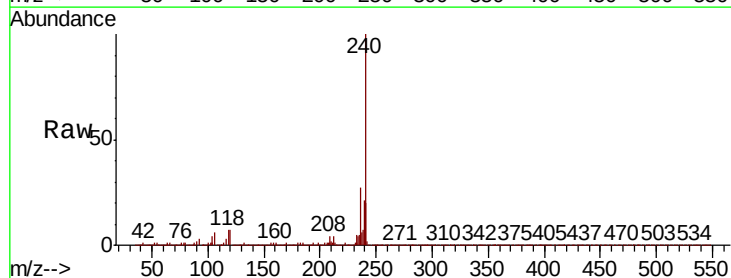
Instrument :
BNA_P
ClientSampleId :
PB124900BL

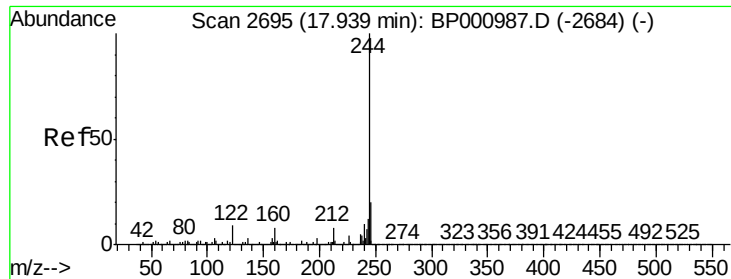
Tot Ion:188 Resp: 914849
Ion Ratio Lower Upper
188 100
94 6.9 7.4 11.2#
80 7.2 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.29 min Scan# 2924
Delta R.T. -0.01 min
Lab File: BP001066.D
Acq: 18 Nov 2019 18:03

Tgt Ion:240 Resp: 787365
Ion Ratio Lower Upper
240 100
120 7.2 8.2 12.2#
236 26.7 20.5 30.7





#79

Terphenyl-d14

Concen: 86.052 ng

RT: 17.93 min Scan# 2694

Delta R.T. -0.01 min

Lab File: BP001066.D

Acq: 18 Nov 2019 18:03

Instrument :

BNA_P

ClientSampleId :

PB124900BL

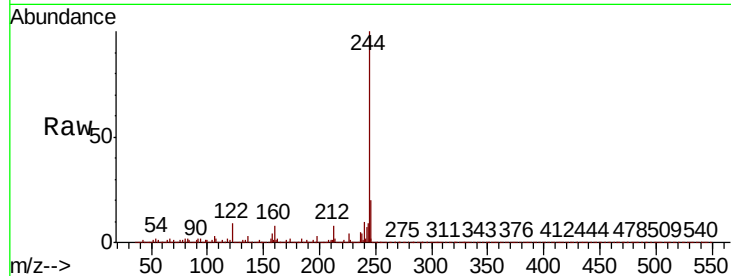
Tot Ion:244 Resp: 3406179

Ion Ratio Lower Upper

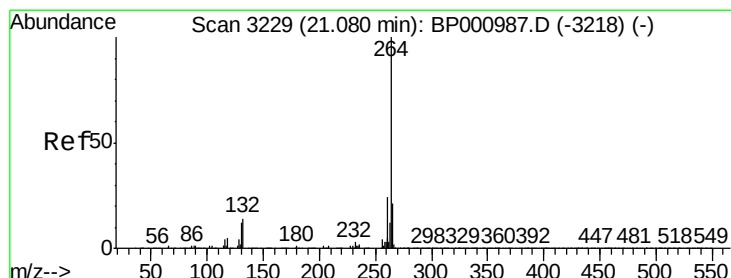
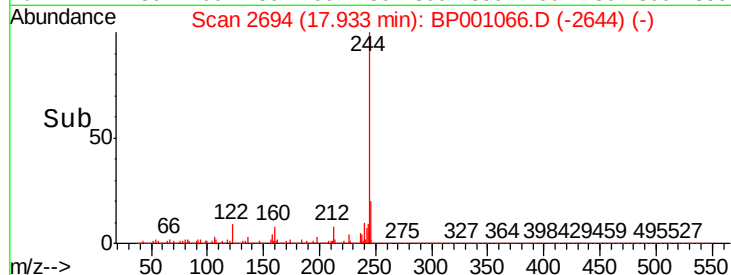
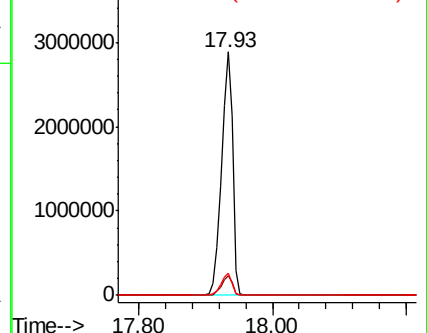
244 100

212 8.0 6.0 9.0

122 9.2 7.4 11.2



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: 21.07 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BP001066.D

Acq: 18 Nov 2019 18:03

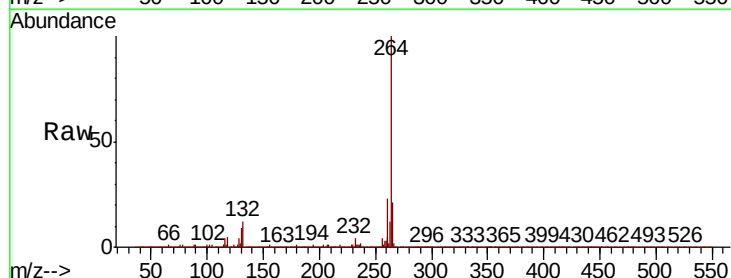
Tgt Ion:264 Resp: 810468

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.2 17.1 25.7



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

