

Data File : BP001581.D
Acq On : 09 Jan 2020 16:17
Operator : JU
Sample : L1039-02RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
301-305

Quant Time: Jan 10 05:06:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 15:02:19 2020
Response via : Initial Calibration

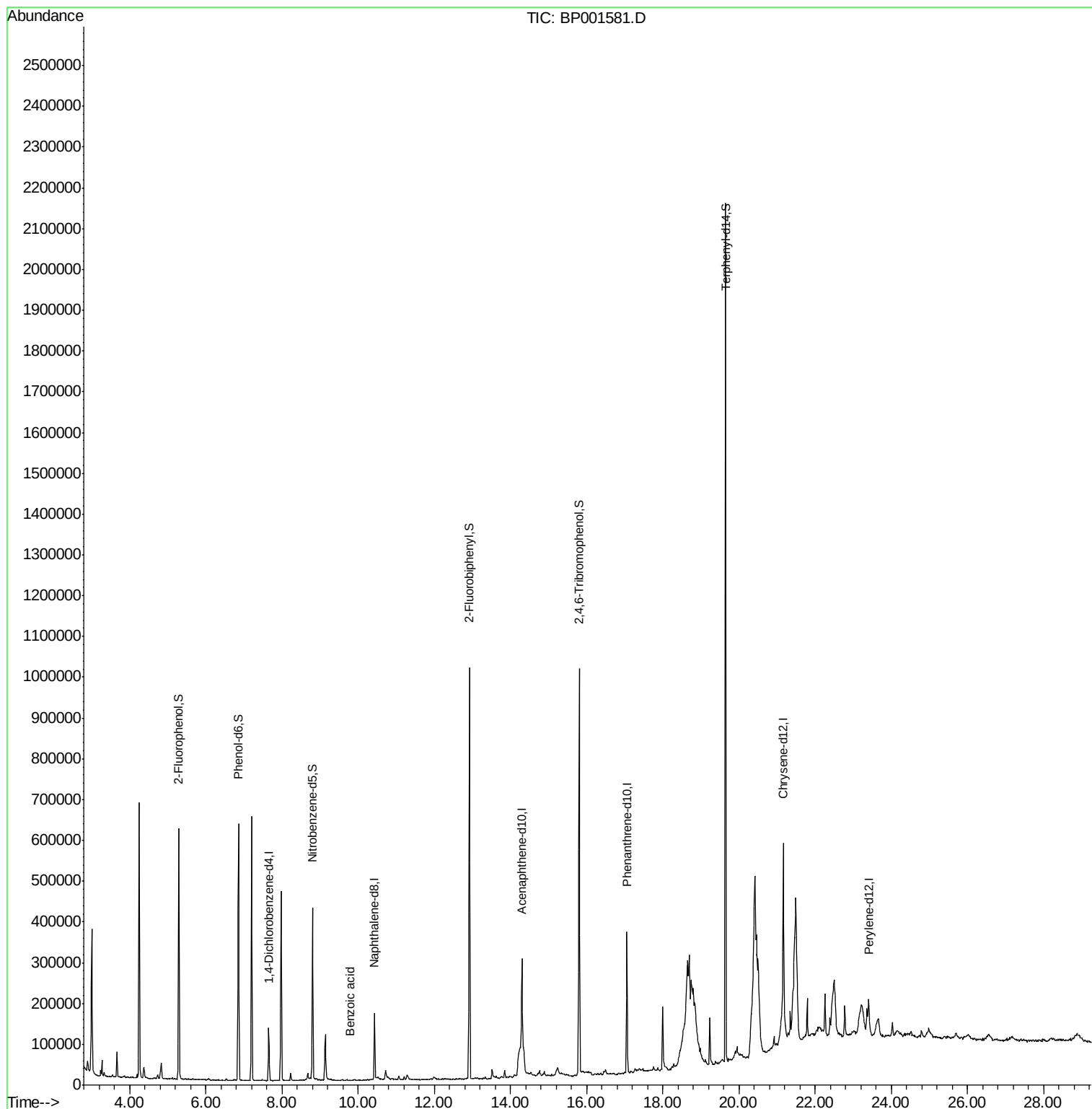
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	27611	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	105998	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	66483	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	190174	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	151576	20.00	ng	-0.02
87) Perylene-d12	23.40	264	38311	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	186616	132.40	ng	0.00
7) Phenol-d6	6.86	99	247957	110.07	ng	0.00
23) Nitrobenzene-d5	8.80	82	198959	82.02	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	152276	150.47	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	457831	101.25	ng	-0.01
79) Terphenyl-d14	19.65	244	881608	106.38	ng	-0.01
Target Compounds						
32) Benzoic acid	9.79	122	45	4.736	ng	Qvalue # 46

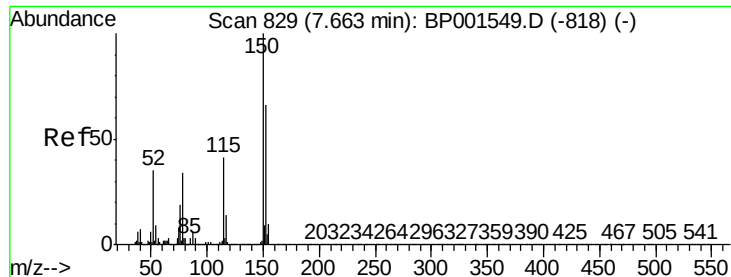
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BP001581.D
Acq On : 09 Jan 2020 16:17
Operator : JU
Sample : L1039-02RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
301-305

Quant Time: Jan 10 05:06:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 15:02:19 2020
Response via : Initial Calibration



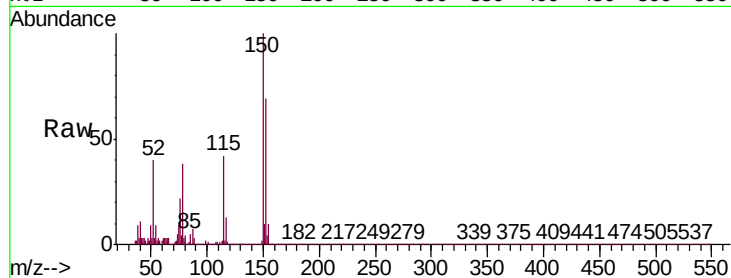


#1

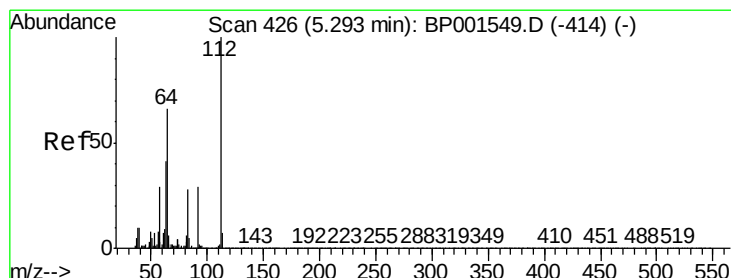
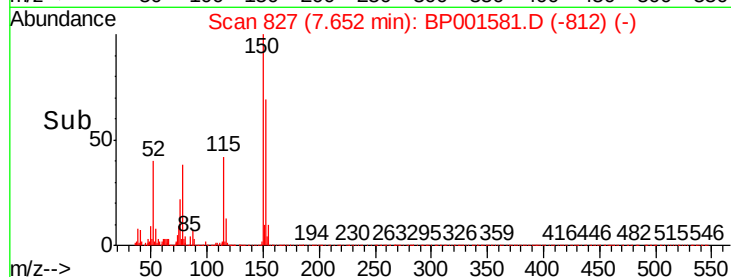
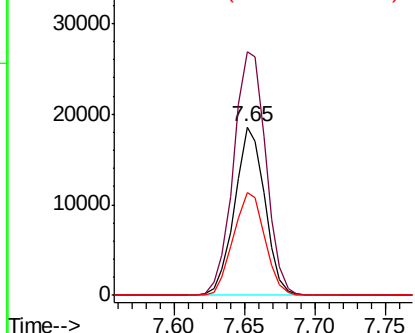
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 827
Delta R.T. -0.01 min
Lab File: BP001581.D
Acq: 09 Jan 2020 16:17

Instrument :
BNA_P
ClientSampleId :
301-305

Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.8	122.0	183.0
115	61.4	50.7	76.1



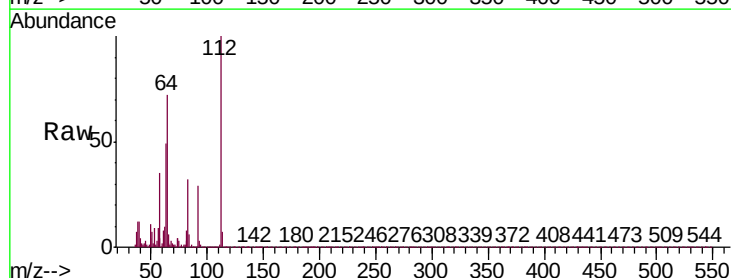
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



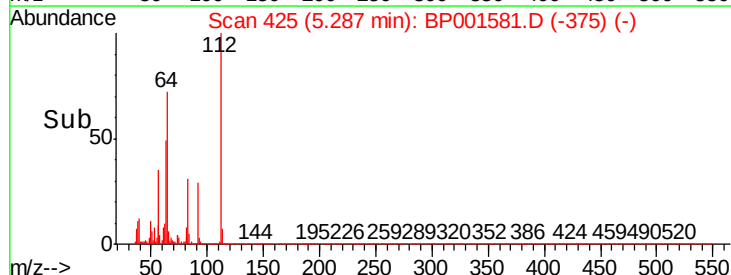
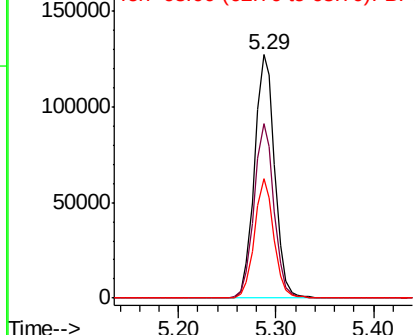
#5

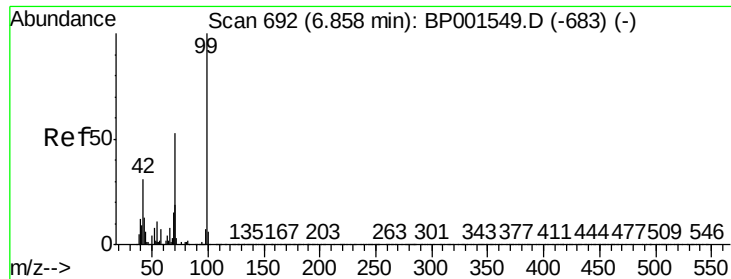
2-Fluorophenol
Concen: 132.397 ng
RT: 5.29 min Scan# 425
Delta R.T. -0.01 min
Lab File: BP001581.D
Acq: 09 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	52.8	79.2
63	48.9	33.1	49.7



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: 110.072 ng

RT: 6.86 min Scan# 692

Delta R.T. 0.00 min

Lab File: BP001581.D

Acq: 09 Jan 2020 16:17

Instrument :

BNA_P

ClientSampleId :

301-305

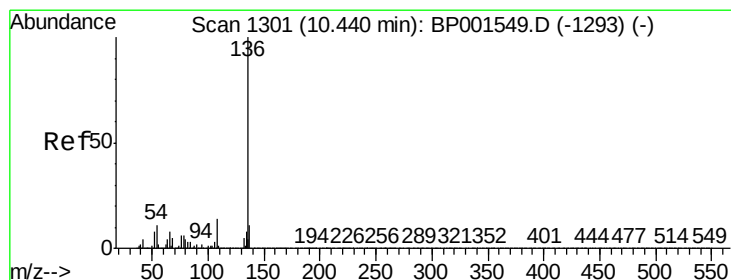
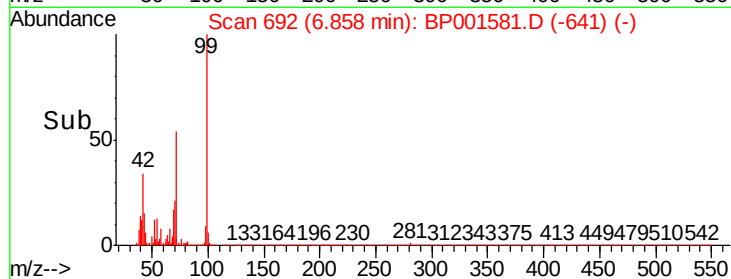
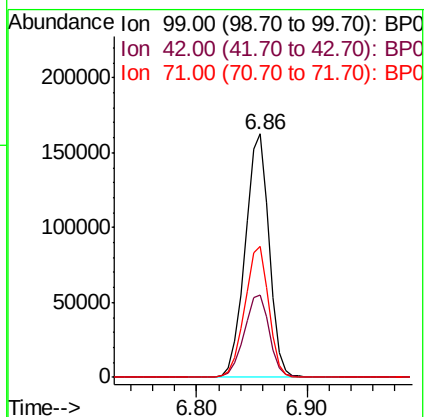
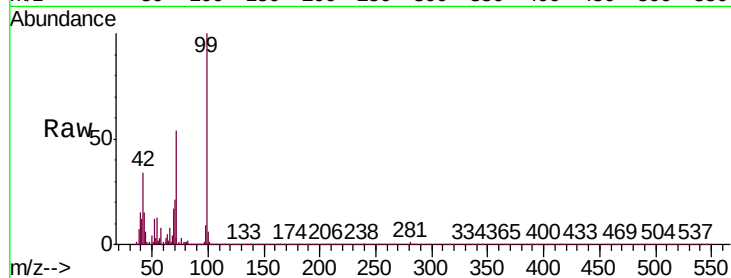
Tgt Ion: 99 Resp: 247957

Ion Ratio Lower Upper

99 100

42 33.9 24.5 36.7

71 54.0 42.4 63.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BP001581.D

Acq: 09 Jan 2020 16:17

Tgt Ion: 136 Resp: 105998

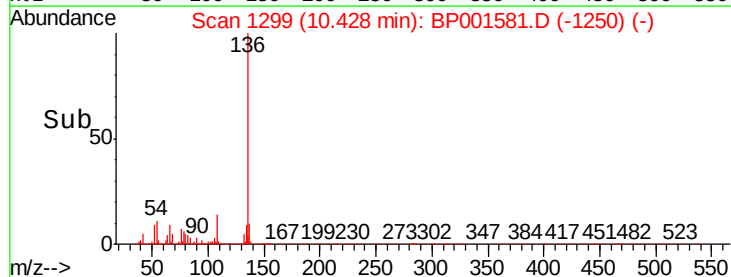
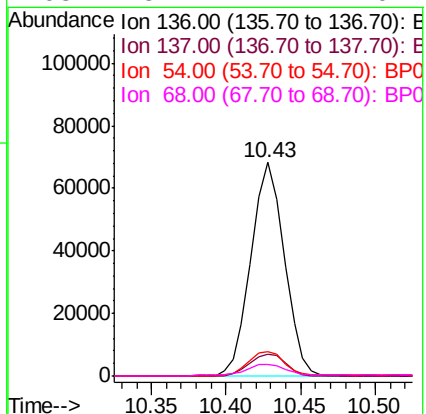
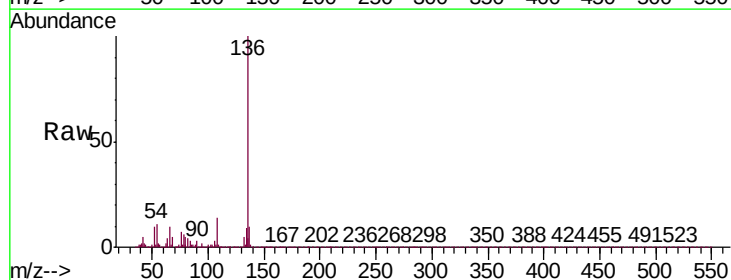
Ion Ratio Lower Upper

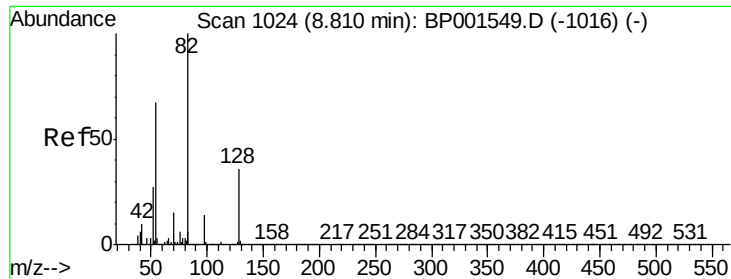
136 100

137 10.3 8.6 12.8

54 11.4 9.2 13.8

68 5.4 4.1 6.1

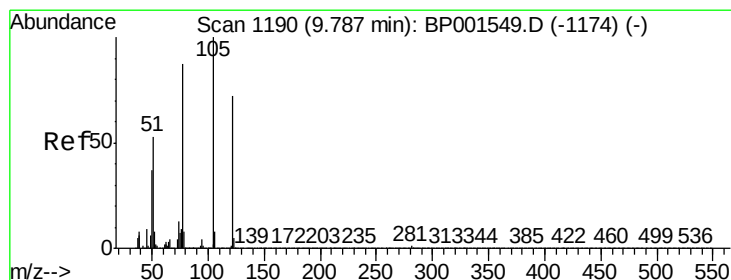
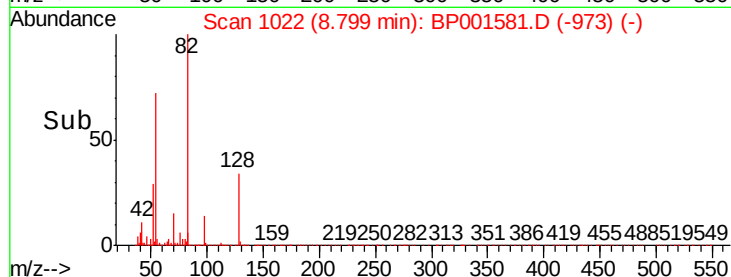
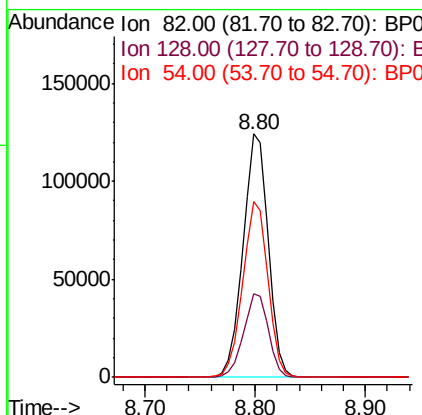
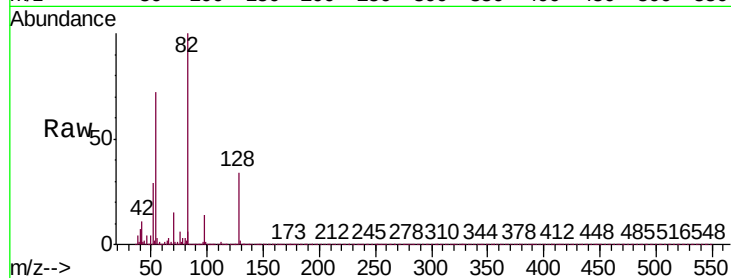




#23
 Nitrobenzene-d5
 Concen: 82.021 ng
 RT: 8.80 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BP001581.D
 Acq: 09 Jan 2020 16:17

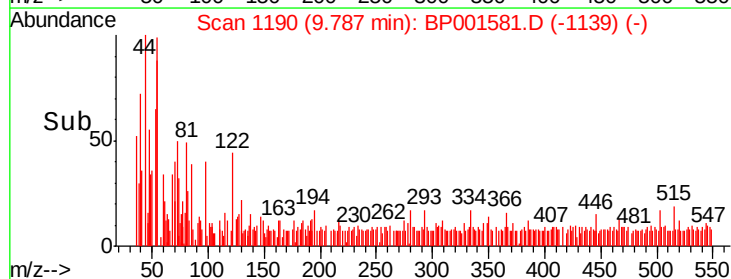
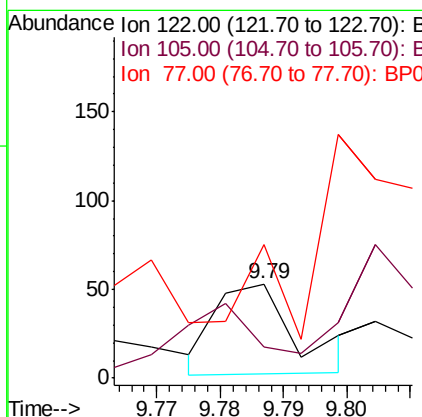
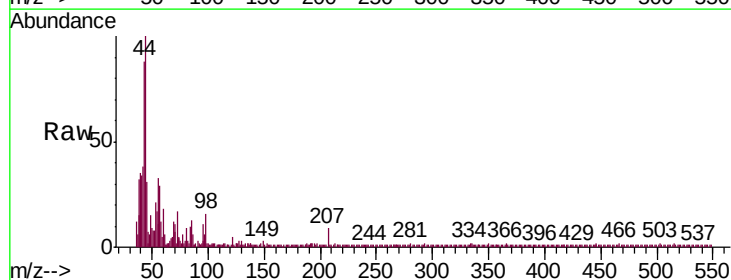
Instrument :
 BNA_P
 ClientSampleId :
 301-305

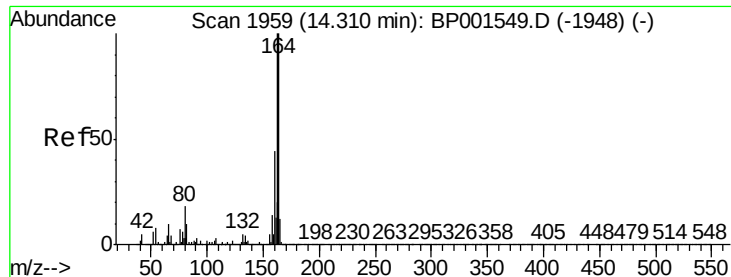
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.1	28.4	42.6
54	72.2	53.4	80.2



#32
 Benzoic acid
 Concen: 4.736 ng
 RT: 9.79 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BP001581.D
 Acq: 09 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	34.0	119.5	159.5#
77	141.5	102.8	142.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BP001581.D

Acq: 09 Jan 2020 16:17

Instrument :

BNA_P

ClientSampleId :

301-305

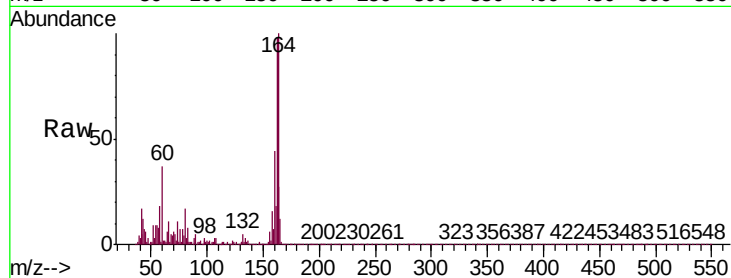
Tgt Ion:164 Resp: 66483

Ion Ratio Lower Upper

164 100

162 98.3 79.8 119.6

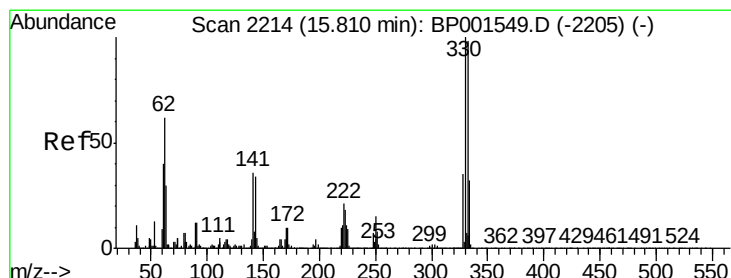
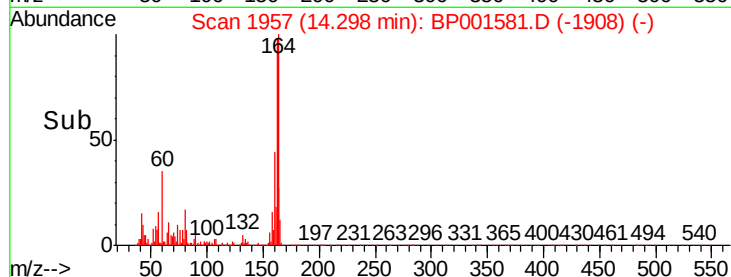
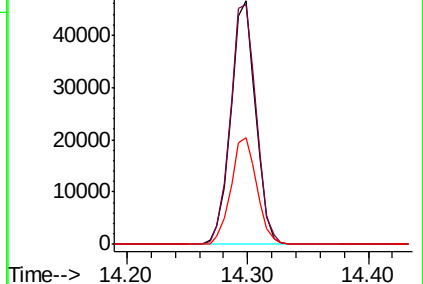
160 44.0 35.0 52.6



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: 150.470 ng

RT: 15.80 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BP001581.D

Acq: 09 Jan 2020 16:17

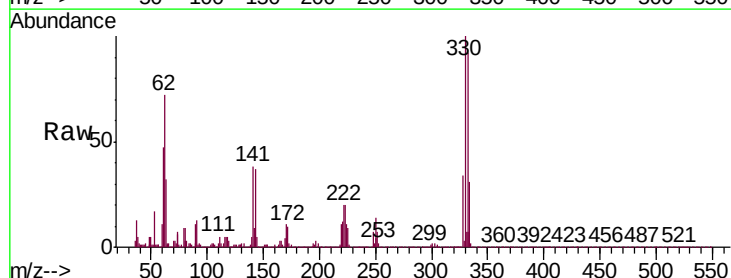
Tgt Ion:330 Resp: 152276

Ion Ratio Lower Upper

330 100

332 95.8 77.8 116.6

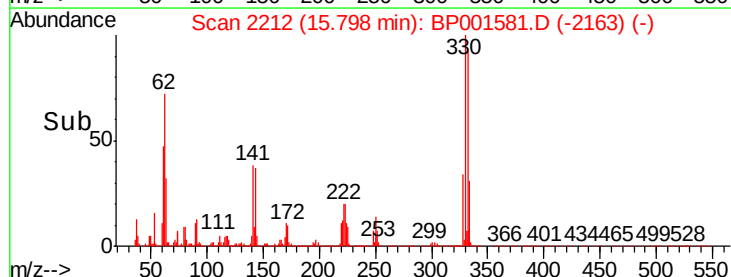
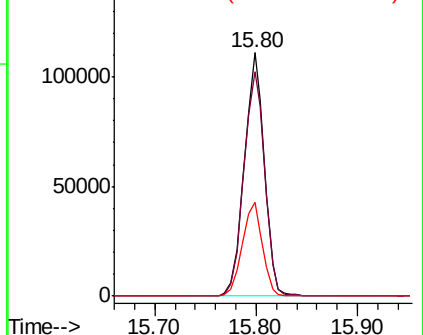
141 38.5 28.7 43.1

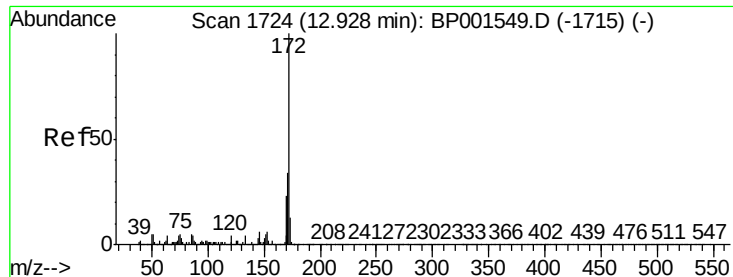


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

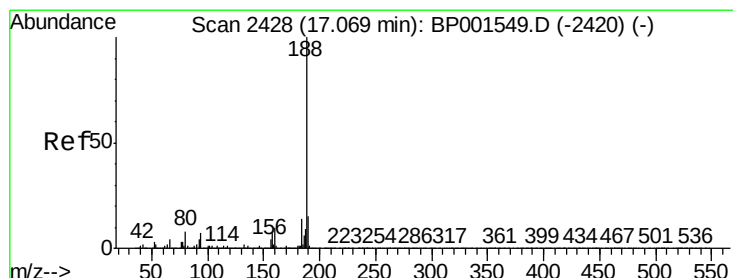
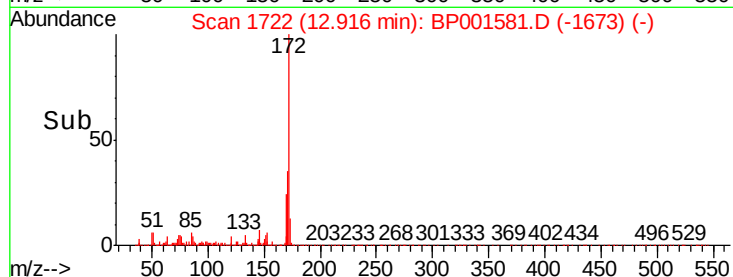
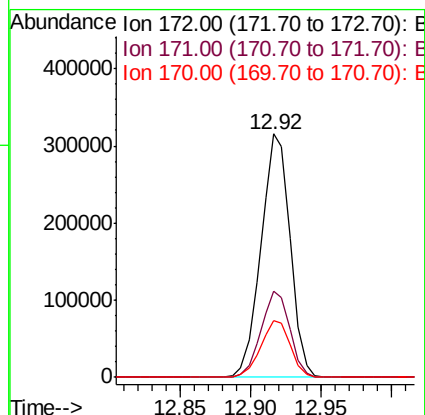
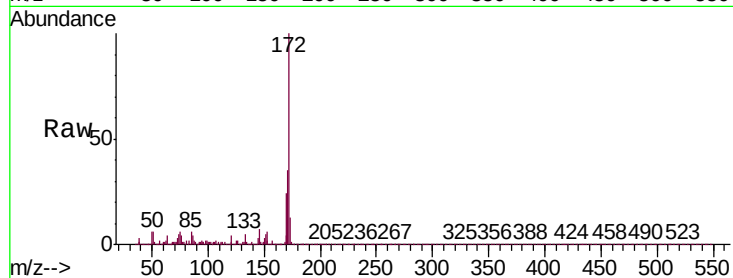




#45
2-Fluorobiphenyl
Concen: 101.250 ng
RT: 12.92 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BP001581.D
Acq: 09 Jan 2020 16:17

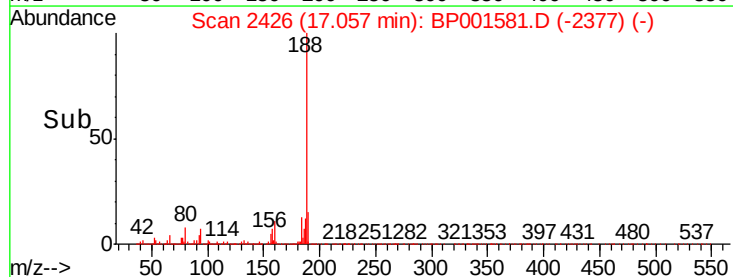
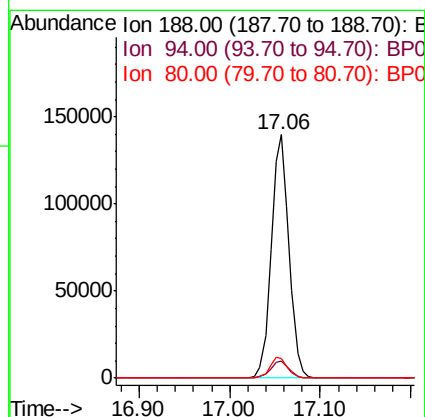
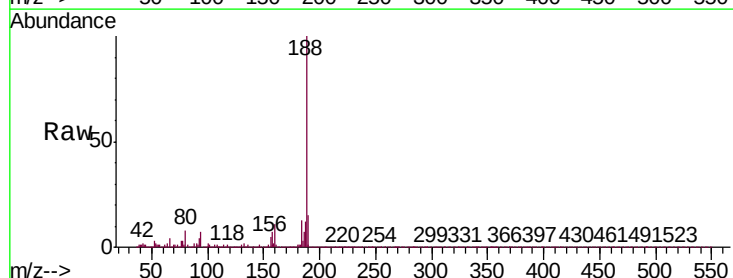
Instrument :
BNA_P
ClientSampleId :
301-305

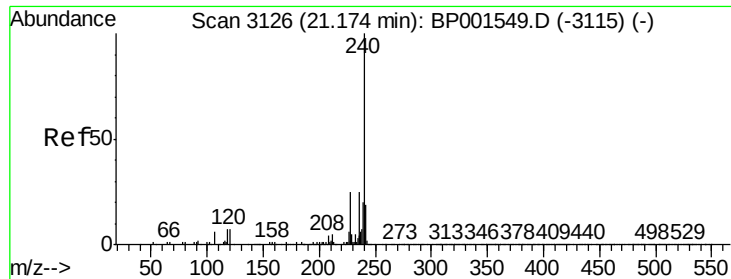
Tgt Ion:172 Resp: 457831
Ion Ratio Lower Upper
172 100
171 35.4 27.6 41.4
170 23.5 18.3 27.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BP001581.D
Acq: 09 Jan 2020 16:17

Tgt Ion:188 Resp: 190174
Ion Ratio Lower Upper
188 100
94 7.1 5.9 8.9
80 7.9 6.8 10.2

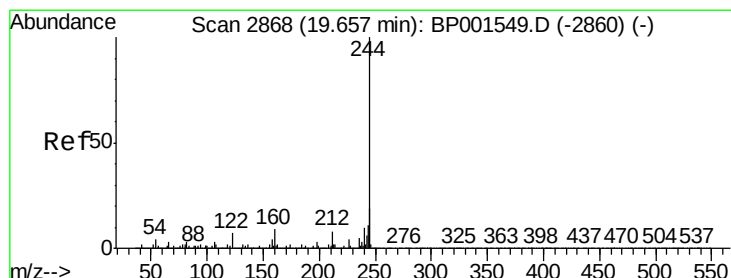
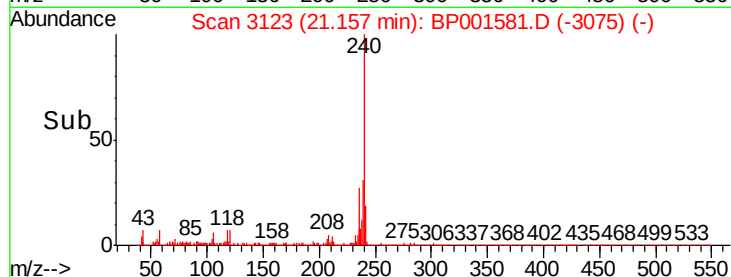
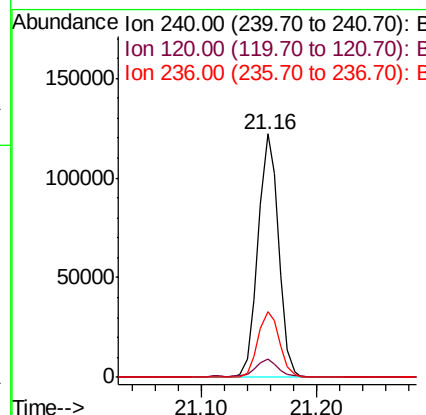
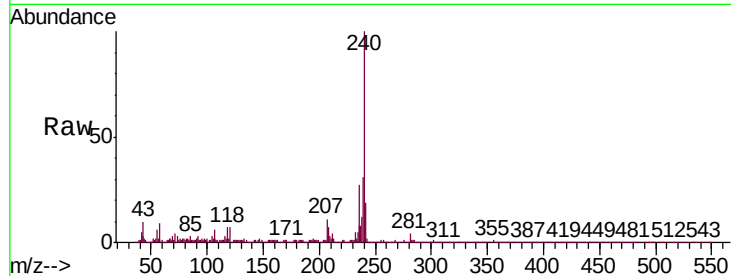




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3123
Delta R.T. -0.02 min
Lab File: BP001581.D
Acq: 09 Jan 2020 16:17

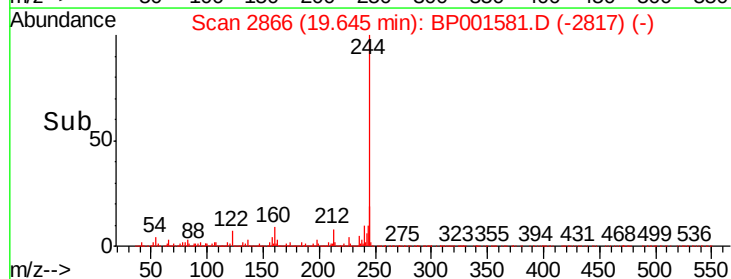
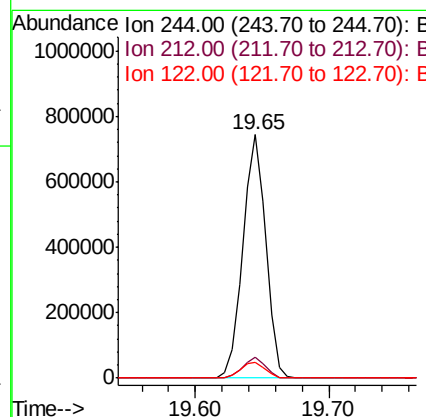
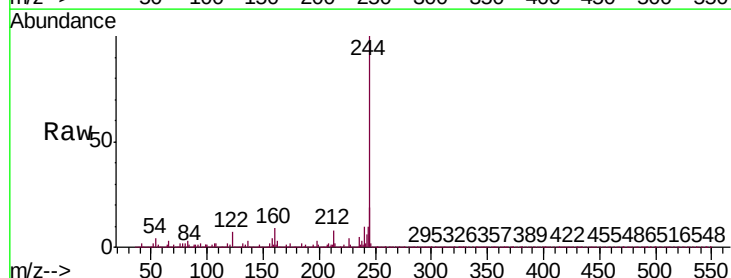
Instrument :
BNA_P
ClientSampleId :
301-305

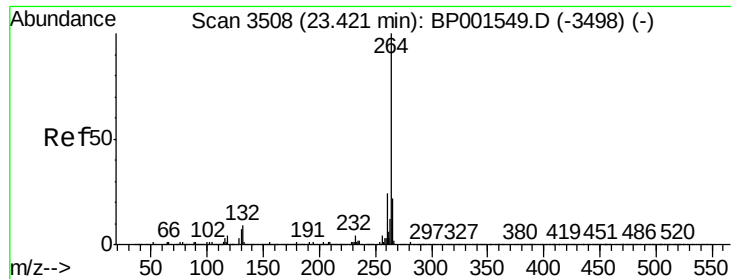
Tgt Ion:240 Resp: 151576
Ion Ratio Lower Upper
240 100
120 7.4 5.7 8.5
236 26.9 20.4 30.6



#79
Terphenyl-d14
Concen: 106.382 ng
RT: 19.65 min Scan# 2866
Delta R.T. -0.01 min
Lab File: BP001581.D
Acq: 09 Jan 2020 16:17

Tgt Ion:244 Resp: 881608
Ion Ratio Lower Upper
244 100
212 8.4 6.3 9.5
122 6.6 5.8 8.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3504
Delta R.T. -0.02 min
Lab File: BP001581.D
Acq: 09 Jan 2020 16:17

Instrument :
BNA_P
ClientSampleId :
301-305

Tgt Ion:	264	Resp:	38311
Ion	Ratio	Lower	Upper
264	100		
260	27.9	19.0	28.6
265	20.9	18.2	27.4

