

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
 Data File : BP001581.D
 Acq On : 09 Jan 2020 16:17
 Operator : JU
 Sample : L1039-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 301-305

Quant Time: Jan 10 05:56:12 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

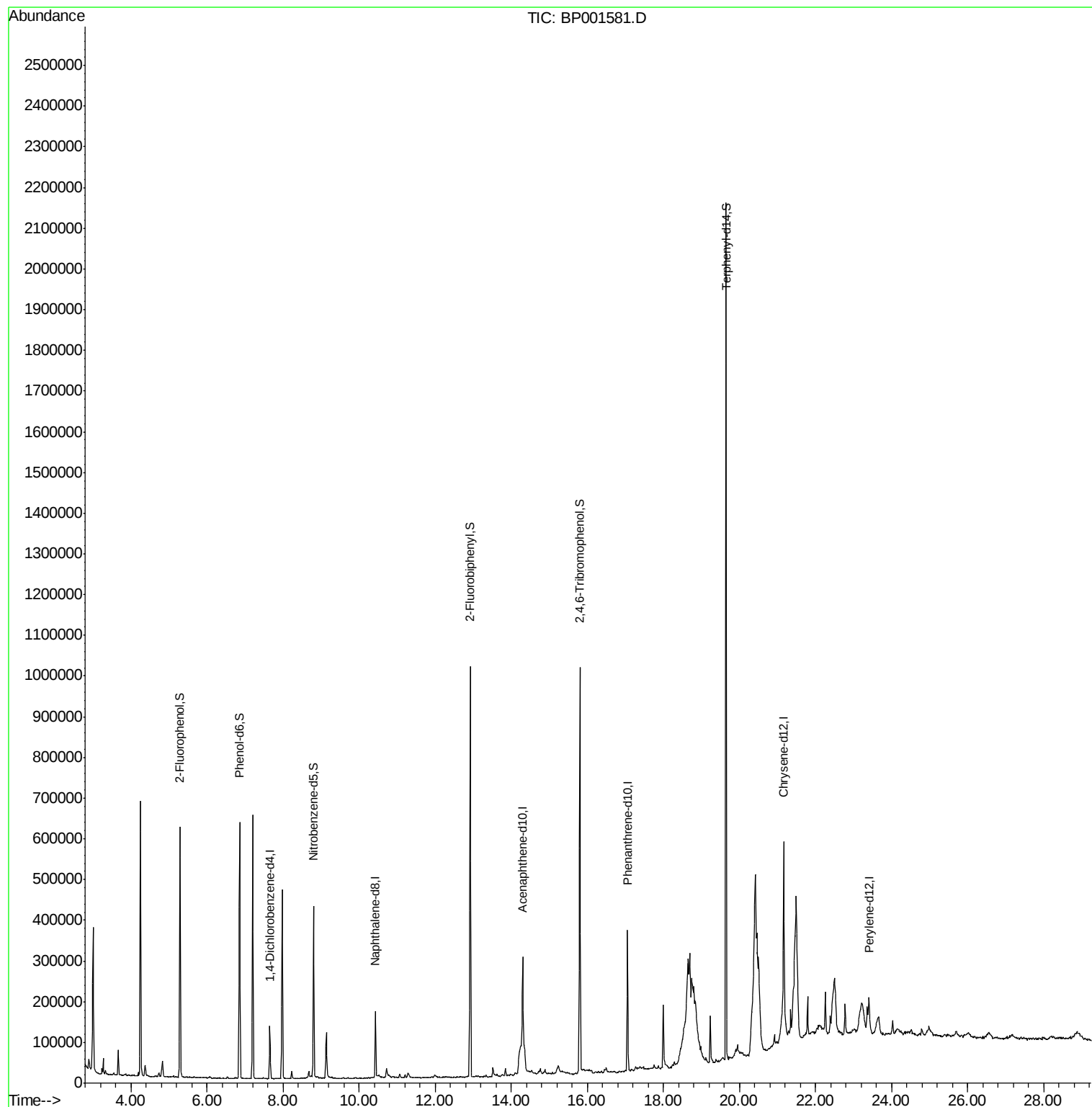
Target Compounds Qvalue

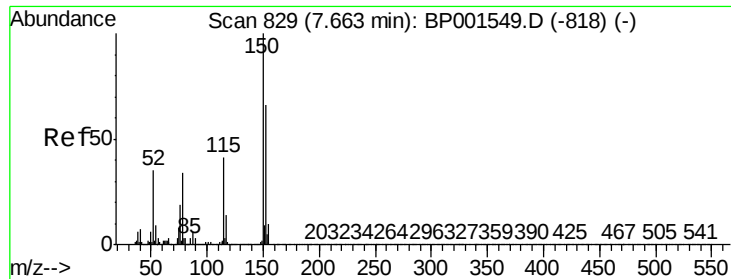
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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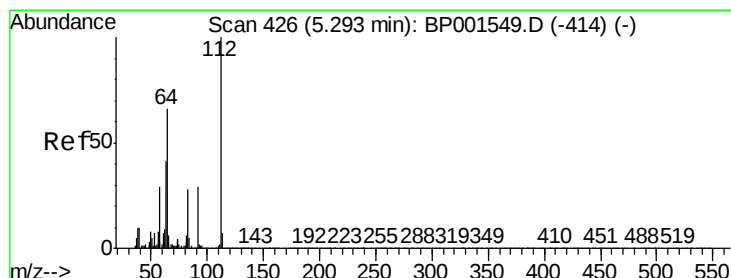
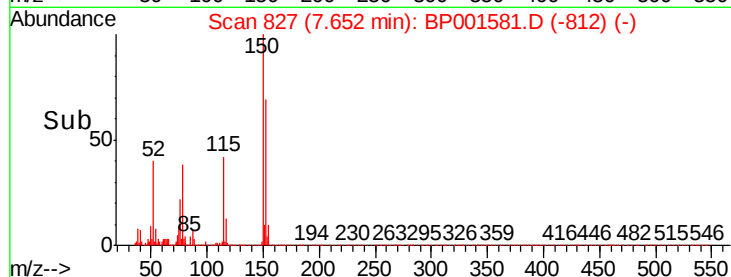
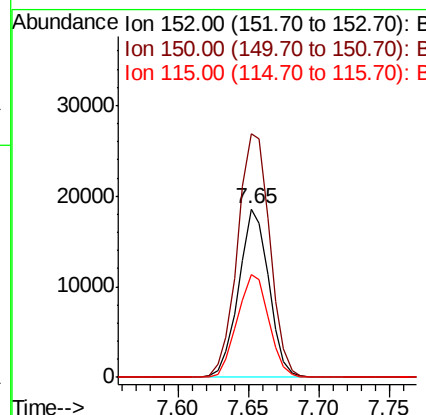
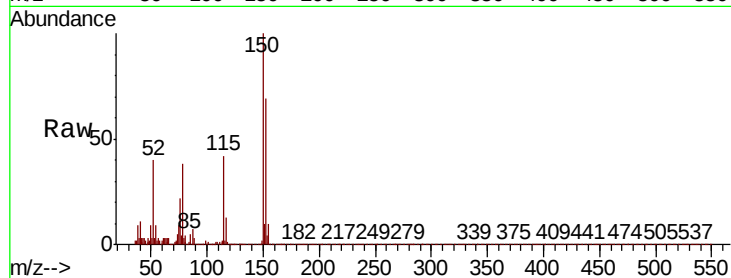




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.65 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BP001581.D
 Acq: 09 Jan 2020 16:17

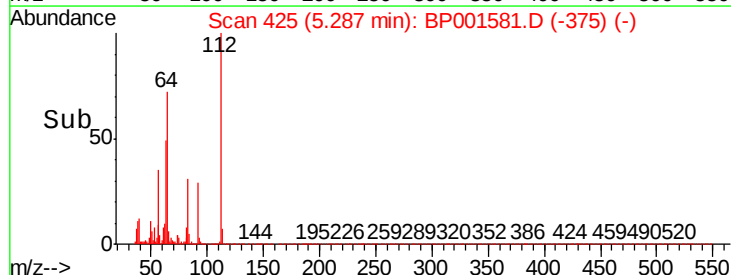
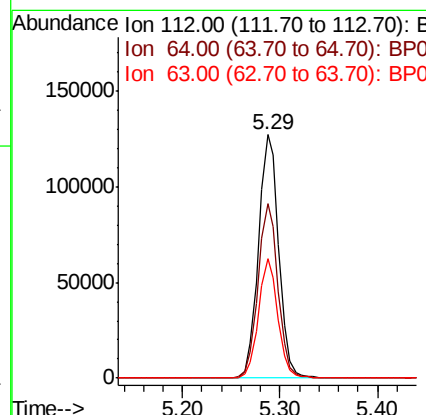
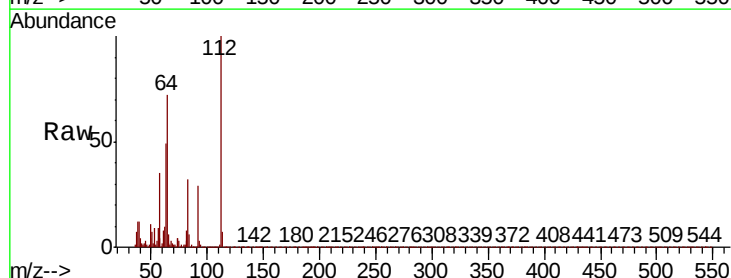
Instrument :
 BNA_P
 ClientSampleId :
 301-305

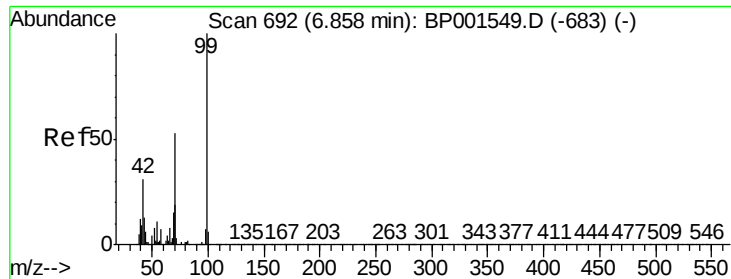
Tot Ion:152 Resp: 27611
 Ion Ratio Lower Upper
 152 100
 150 144.8 122.0 183.0
 115 61.4 50.7 76.1



#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:112 Resp: 186616
 Ion Ratio Lower Upper
 112 100
 64 71.9 52.8 79.2
 63 48.9 33.1 49.7





#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 :

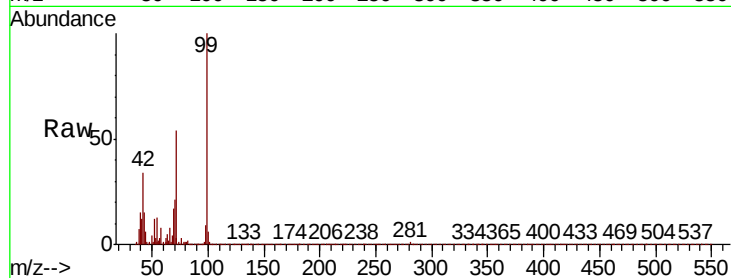
BNA_P

ClientSampleId :

301-305

Tot Ion: 99 Resp: 247957

Ion	Ratio	Lower	Upper
99	100		
42	33.9	24.5	36.7
71	54.0	42.4	63.6



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

200000

150000

100000

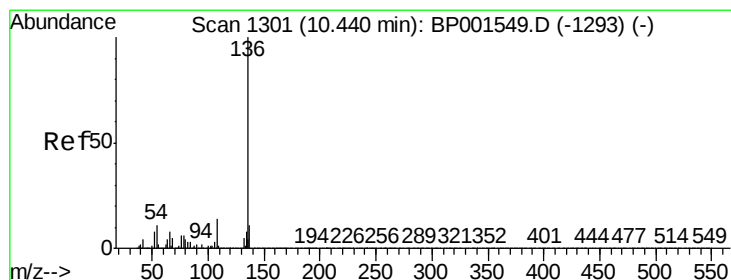
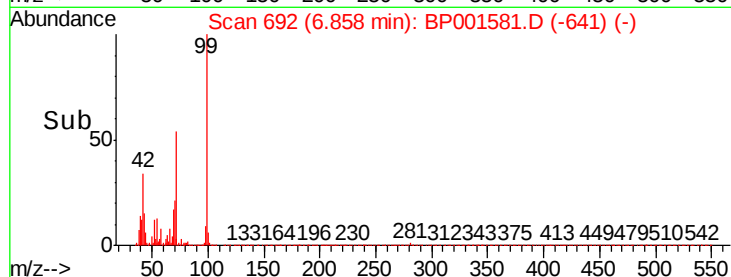
50000

0

6.86

6.80 6.90

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1299

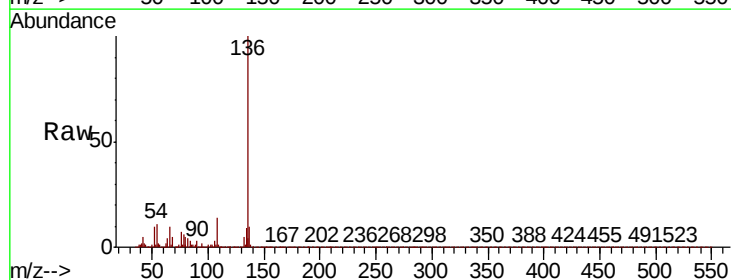
Delta R.T. -0.01 min

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



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

100000

80000

60000

40000

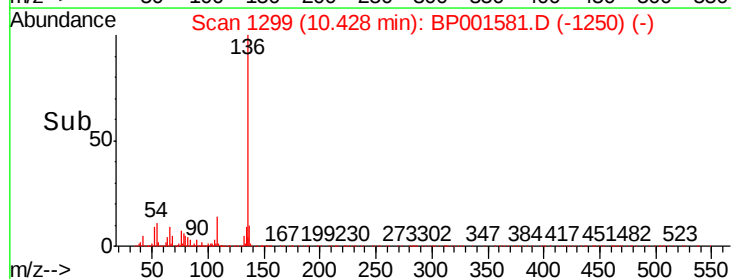
20000

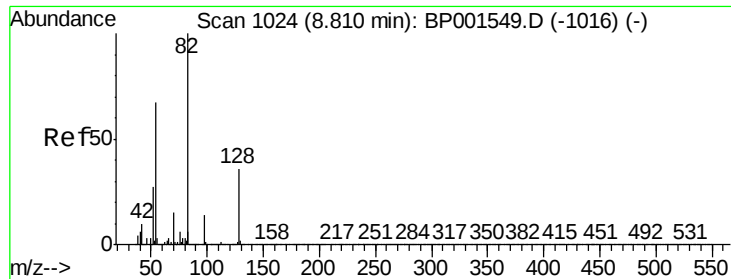
0

10.43

10.35 10.45 10.50

Time-->

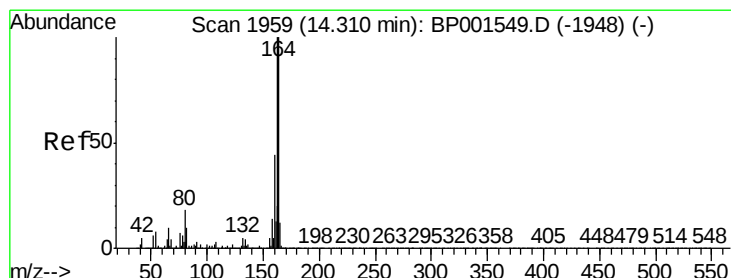
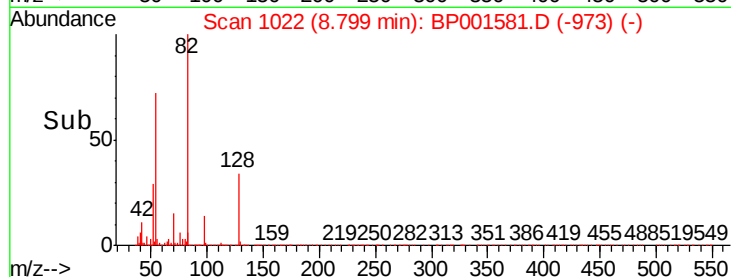
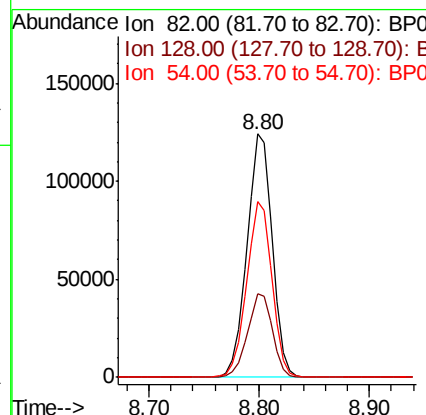
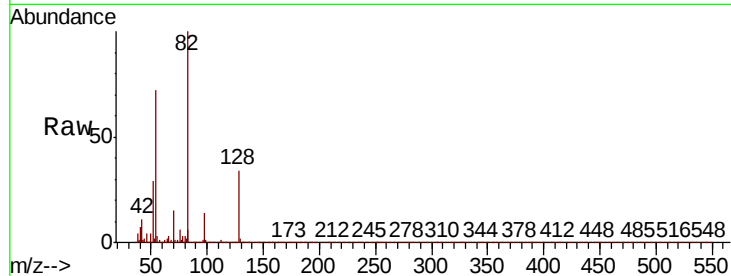




#23
 Nitrobenzene-d5
 Concen: 82.021 ng
 RT: 8.80 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BP001581.D
 Acq: 09 Jan 2020 16:17

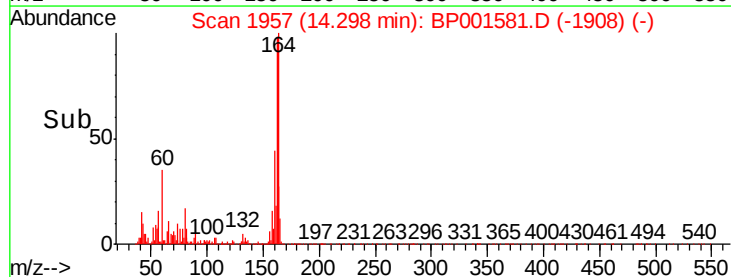
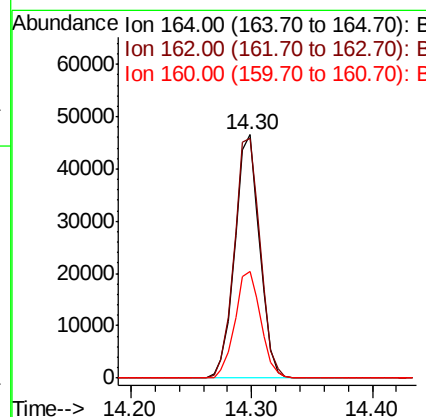
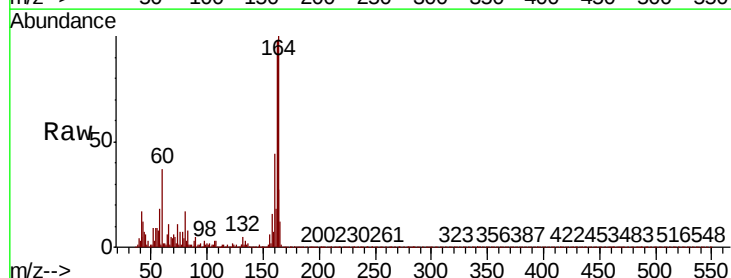
Instrument :
 BNA_P
 ClientSampleId :
 301-305

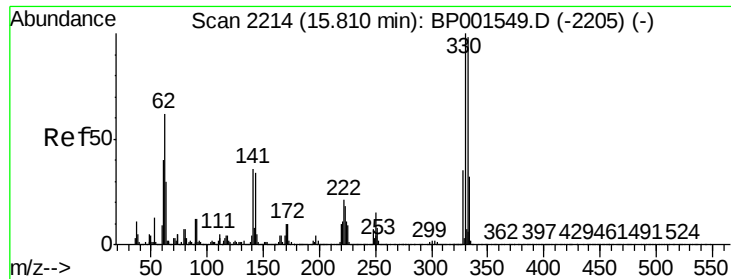
Tot Ion	82	Resp	198959
Ion Ratio	Lower	Upper	
82	100		
128	34.1	28.4	42.6
54	72.2	53.4	80.2



#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

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

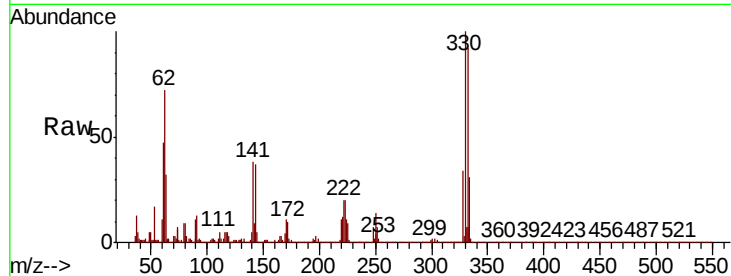




#42
 2,4,6-Tribromophenol
 Concen: 150.470 ng
 RT: 15.80 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: BP001581.D
 Acq: 09 Jan 2020 16:17

Instrument :
 BNA_P
 ClientSampled :
 301-305

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.8	116.6
141	38.5	28.7	43.1

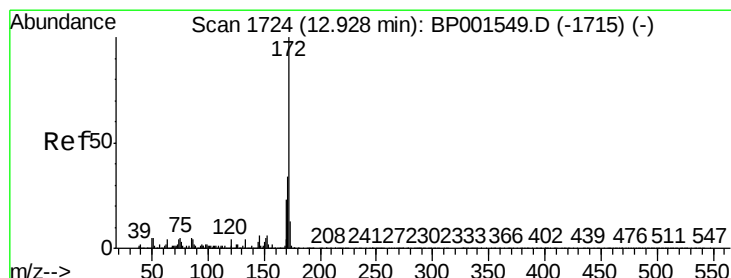
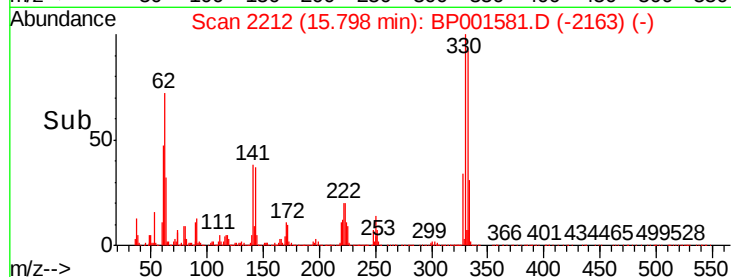
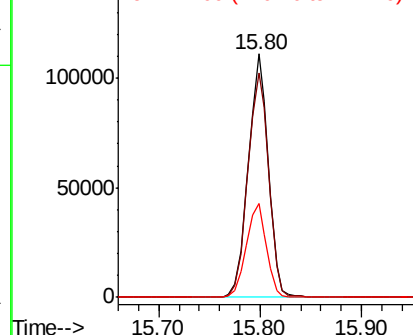


Abundance

Ion 329.80 (329.50 to 330.50): E

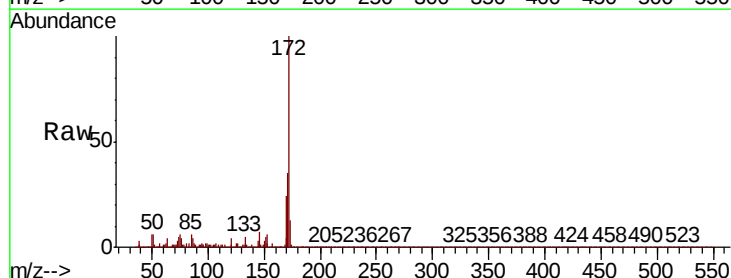
Ion 331.80 (331.50 to 332.50): E

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

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

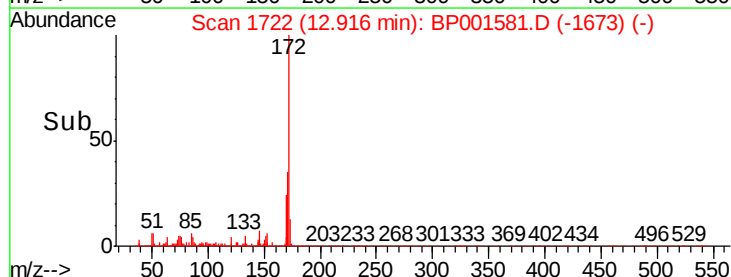
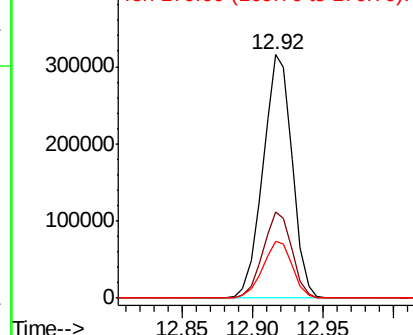


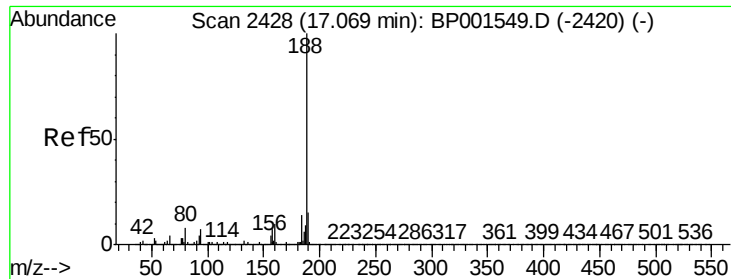
Abundance

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

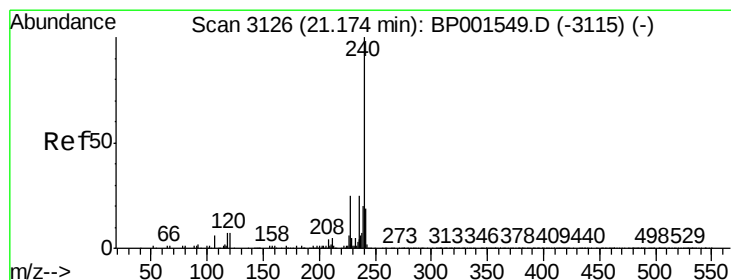
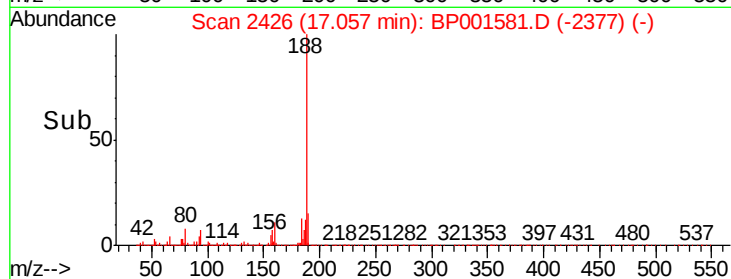
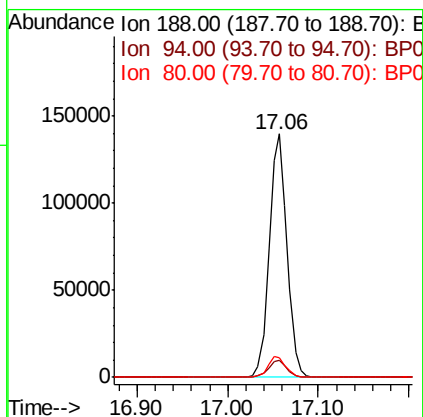
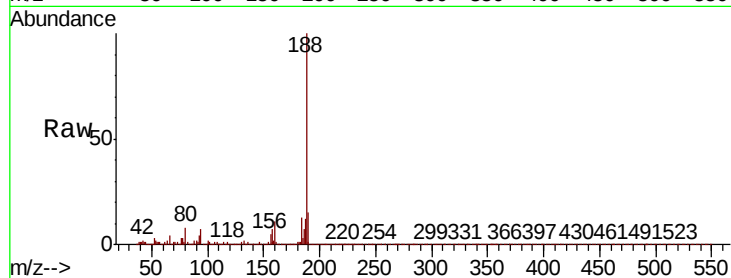




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BP001581.D
Acq: 09 Jan 2020 16:17

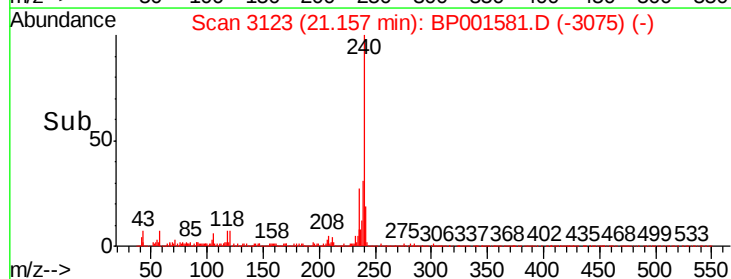
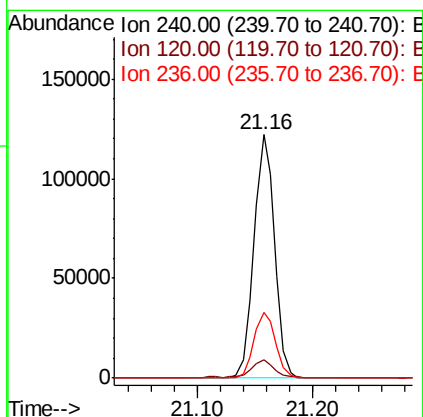
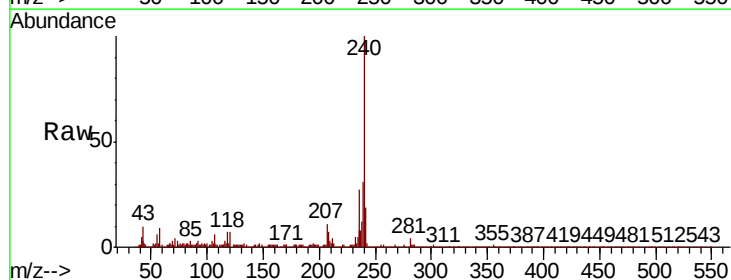
Instrument :
BNA_P
ClientSampleId :
301-305

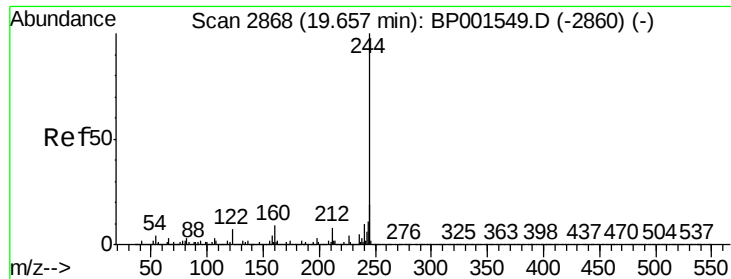
Tot Ion:188 Resp: 190174
Ion Ratio Lower Upper
188 100
94 7.1 5.9 8.9
80 7.9 6.8 10.2



#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

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

Instrument :

BNA_P

ClientSampleId :

301-305

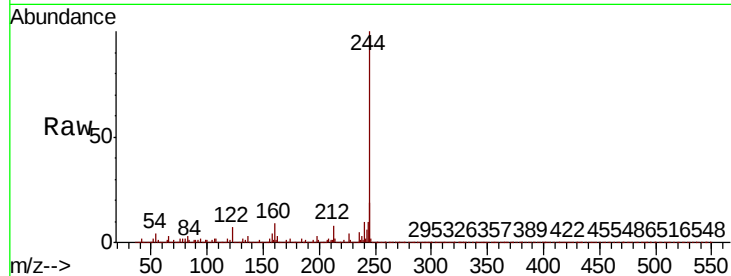
Tot Ion:244 Resp: 881608

Ion Ratio Lower Upper

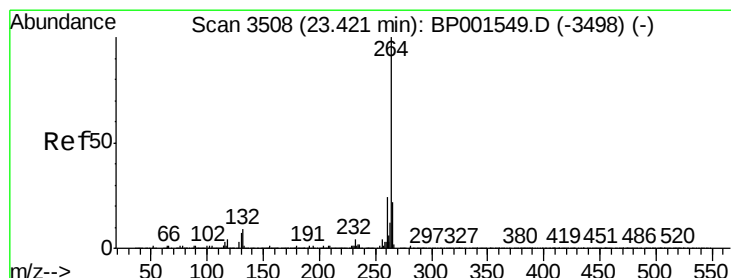
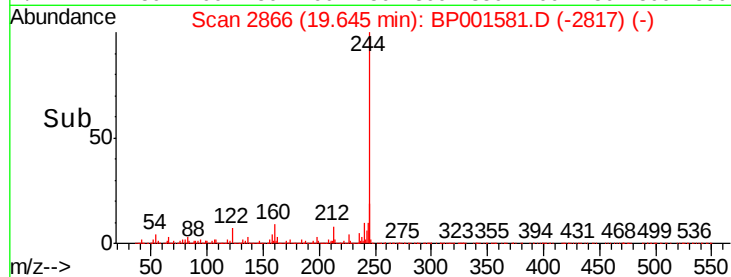
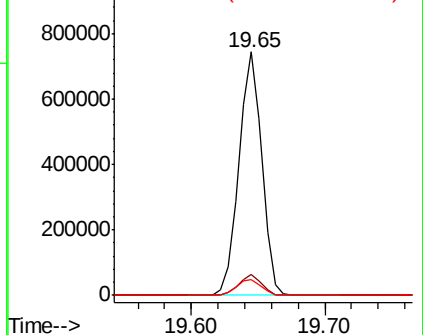
244 100

212 8.4 6.3 9.5

122 6.6 5.8 8.6



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: 23.40 min Scan# 3504

Delta R.T. -0.02 min

Lab File: BP001581.D

Acq: 09 Jan 2020 16:17

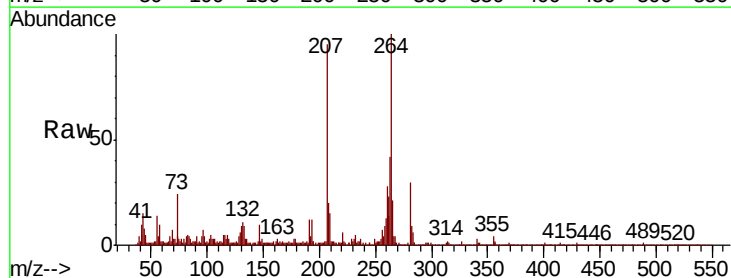
Tgt Ion:264 Resp: 38311

Ion Ratio Lower Upper

264 100

260 27.9 19.0 28.6

265 20.9 18.2 27.4



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

