Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001563.D
Acq On : 08 Jan 2020 21:25
Operator : JU
Sample : L1039-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 301-305

Quant Time: Jan 09 04:49:34 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	7.66	152	31967	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	127280	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	63769	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	224832	20.00	ng	0.00
76) Chrysene-d12	21.16	240	142250	20.00	ng	-0.01
87) Perylene-d12	23.40	264	5111	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	253594	155.40	ng	0.00
7) Phenol-d6	6.86	99	304465	116.74	ng	0.00
23) Nitrobenzene-d5	8.81	82	280009	96.13	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	203167	209.30	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	648758	149.58	ng	0.00
79) Terphenyl-d14	19.65	244	1284794	165.20	ng	0.00
Target Compounds						Qvalue

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

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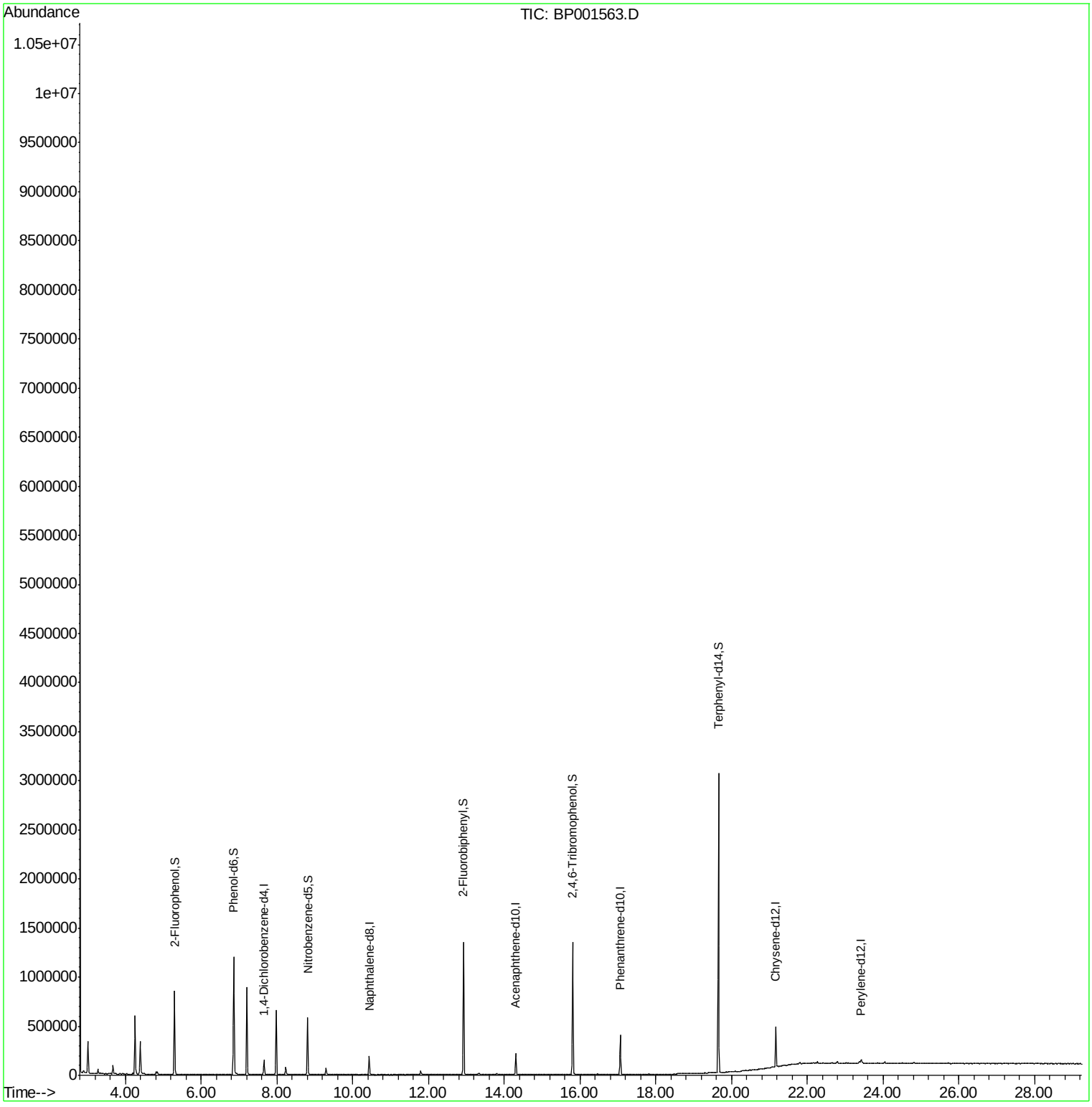
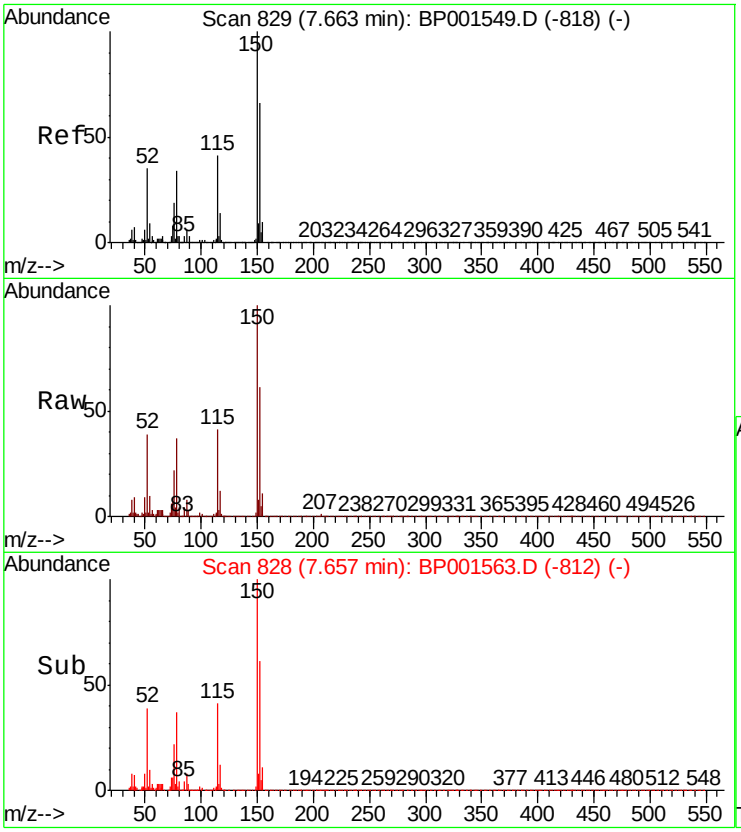


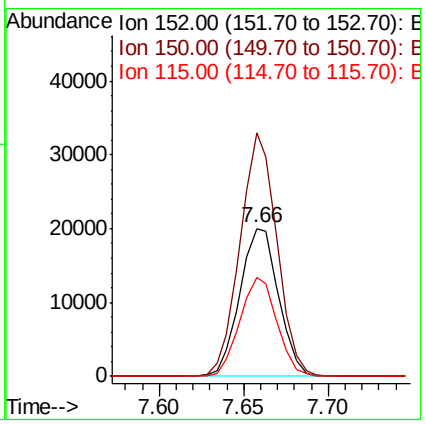


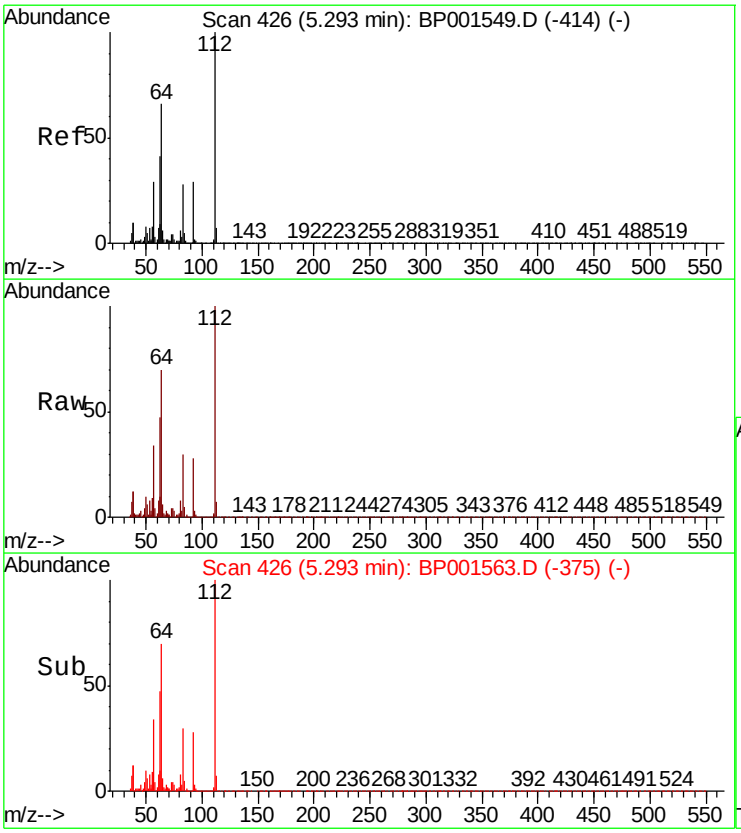
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 828
Delta R.T. -0.01 min
Lab File: BP001563.D
Acq: 08 Jan 2020 21:25

Instrument :
BNA_P
ClientSampleId :
301-305

Tgt Ion:152 Resp: 31967

Ion	Ratio	Lower	Upper
152	100		
150	164.4	122.0	183.0
115	66.9	50.7	76.1

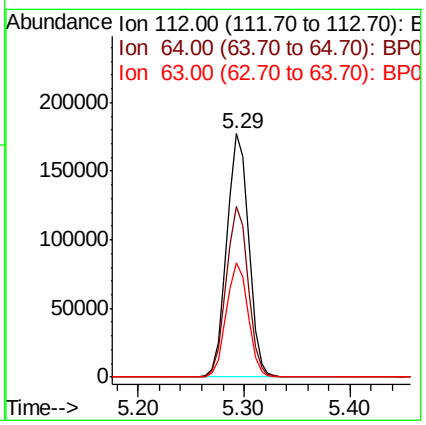


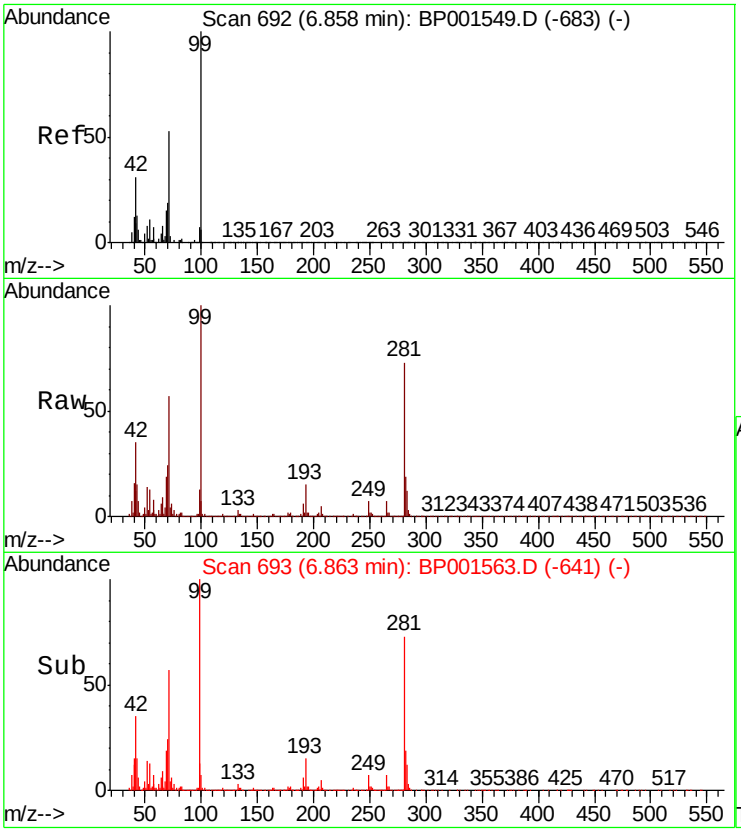


#5
2-Fluorophenol
Concen: 155.399 ng
RT: 5.29 min Scan# 426
Delta R.T. -0.00 min
Lab File: BP001563.D
Acq: 08 Jan 2020 21:25

Tgt Ion:112 Resp: 253594

Ion	Ratio	Lower	Upper
112	100		
64	70.0	52.8	79.2
63	47.0	33.1	49.7



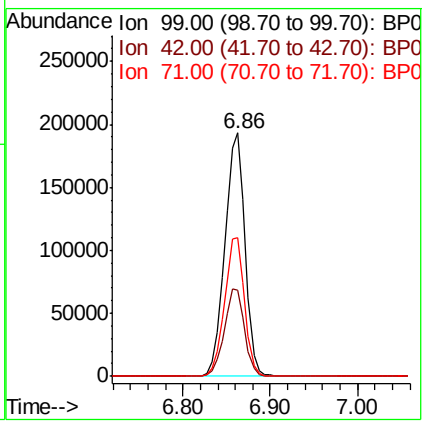


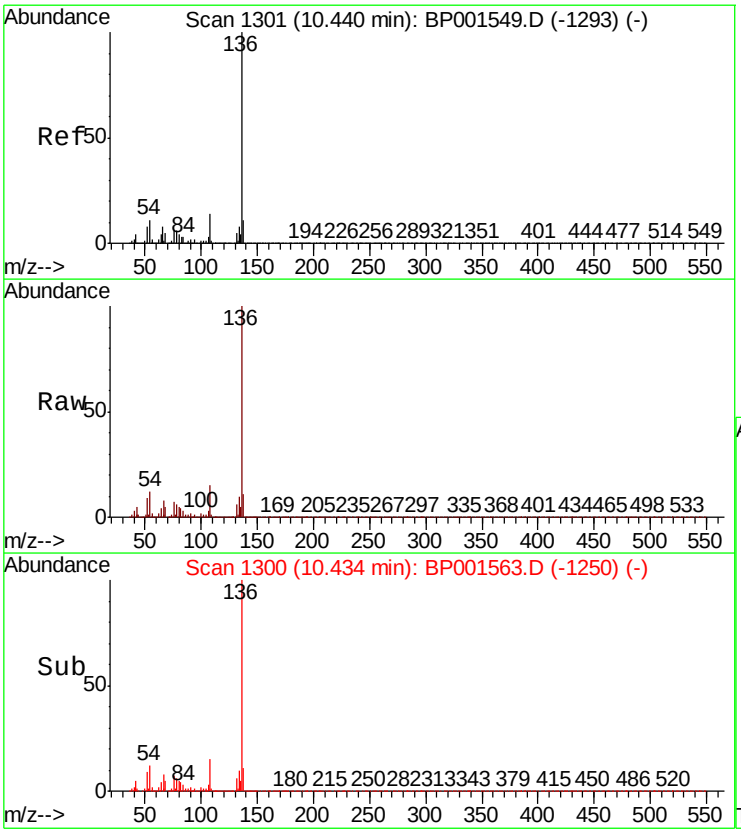
#7
Phenol-d6
Concen: 116.740 ng
RT: 6.86 min Scan# 693
Delta R.T. 0.01 min
Lab File: BP001563.D
Acq: 08 Jan 2020 21:25

Instrument :
BNA_P
ClientSampleId :
301-305

Tgt Ion: 99 Resp: 304465

Ion	Ratio	Lower	Upper
99	100		
42	35.3	24.5	36.7
71	56.7	42.4	63.6

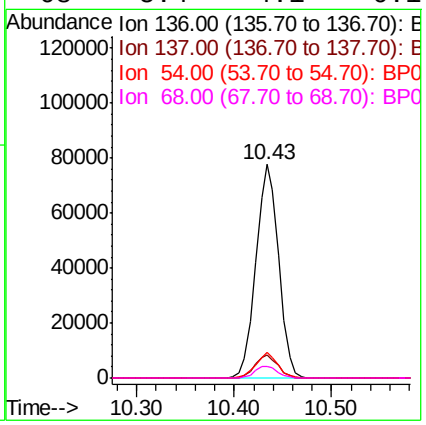


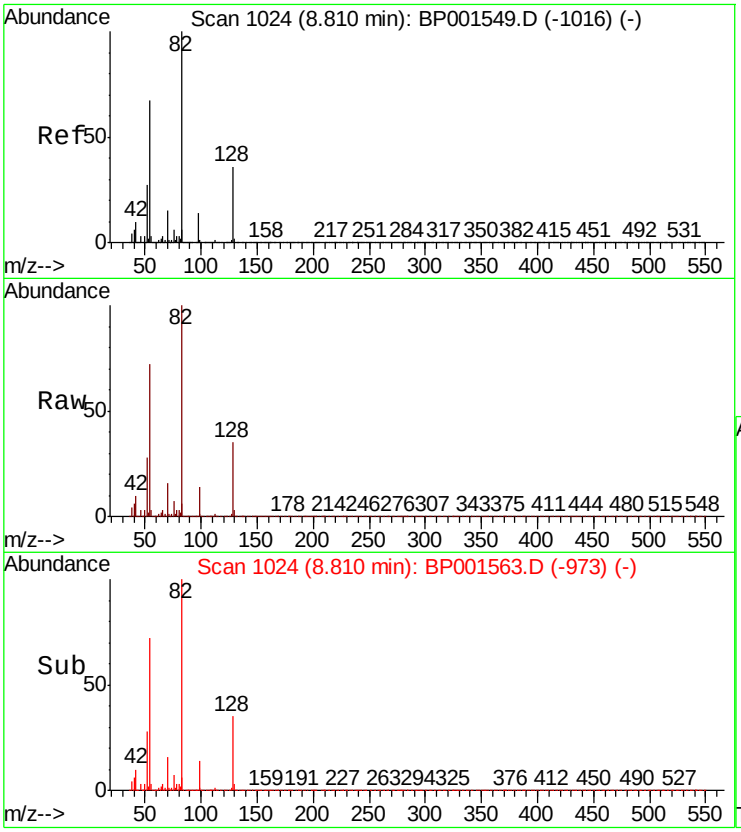


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BP001563.D
Acq: 08 Jan 2020 21:25

Tgt Ion:136 Resp: 127280

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	12.1	9.2	13.8
68	5.4	4.1	6.1



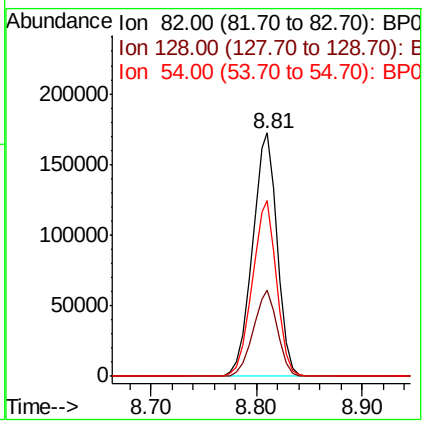


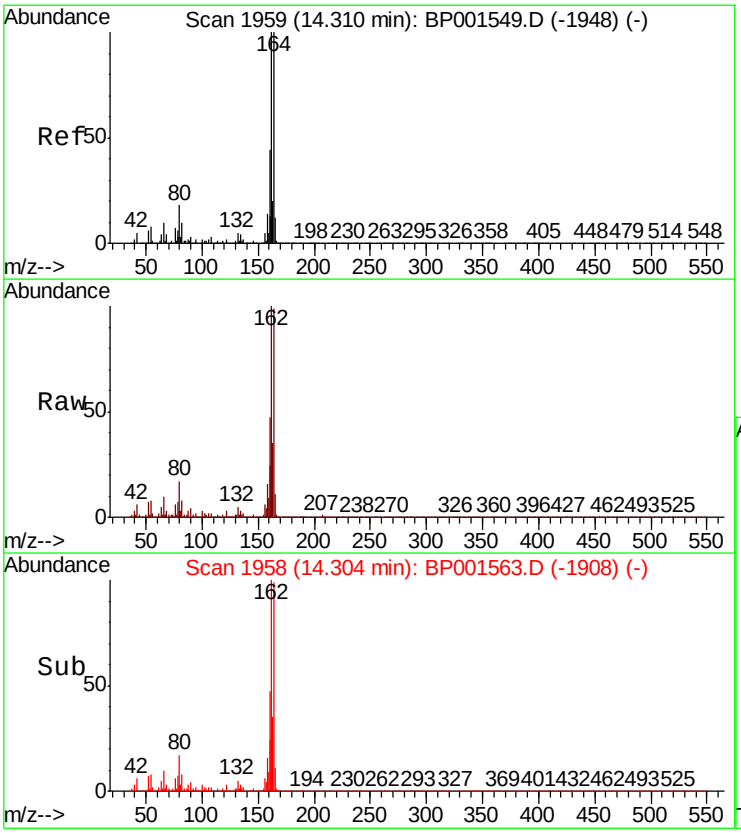
#23
Nitrobenzene-d5
Concen: 96.132 ng
RT: 8.81 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BP001563.D
Acq: 08 Jan 2020 21:25

Instrument :
BNA_P
ClientSampleId :
301-305

Tgt Ion: 82 Resp: 280009

Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.4	42.6
54	72.3	53.4	80.2

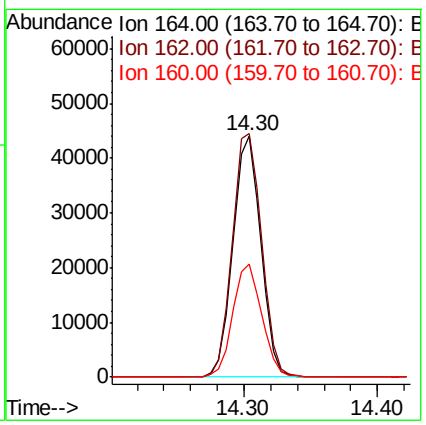


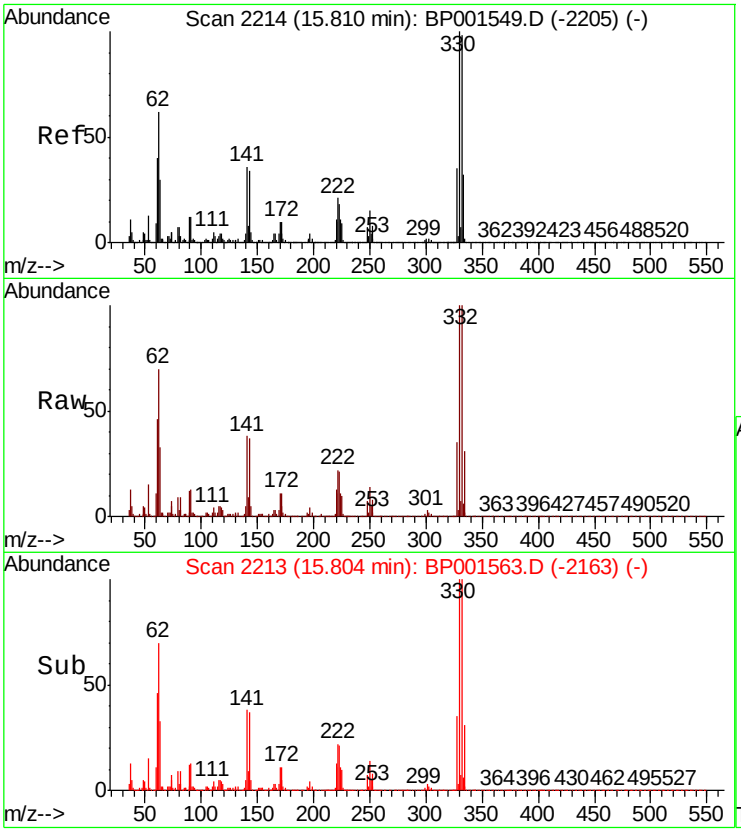


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BP001563.D
Acq: 08 Jan 2020 21:25

Tgt Ion:164 Resp: 63769

Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.8	119.6
160	46.9	35.0	52.6



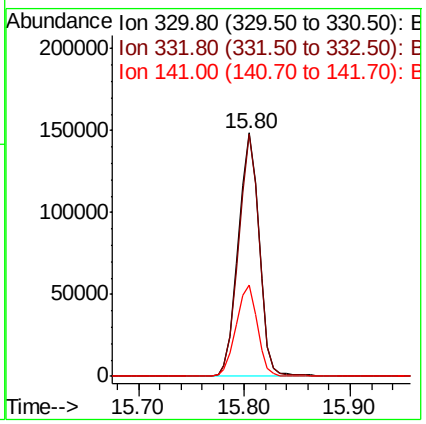


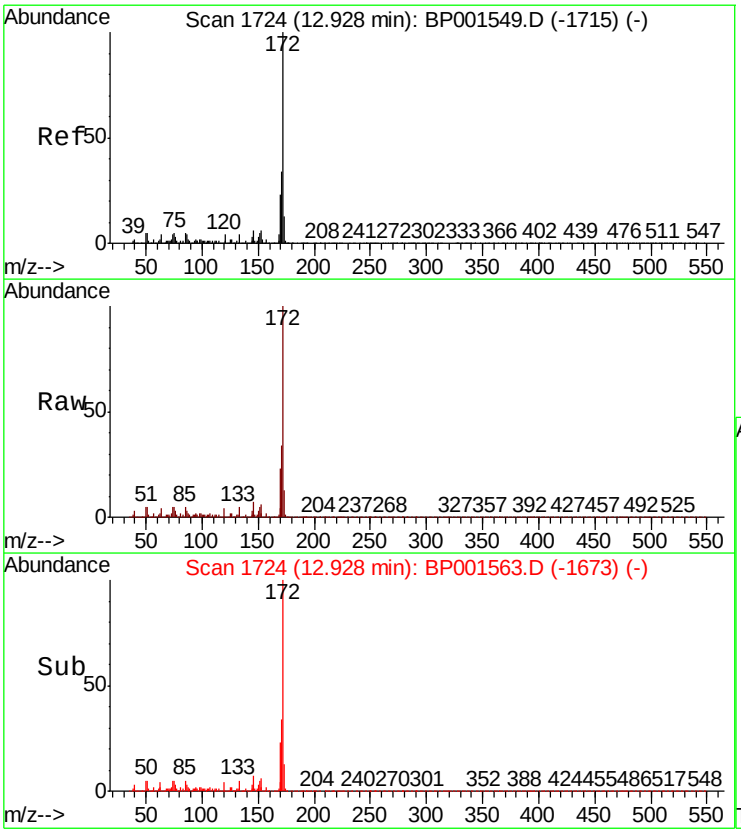
#42
2,4,6-Tribromophenol
Concen: 209.301 ng
RT: 15.80 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BP001563.D
Acq: 08 Jan 2020 21:25

Instrument :
BNA_P
ClientSampleId :
301-305

Tgt Ion:330 Resp: 203167

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.8	116.6
141	38.1	28.7	43.1

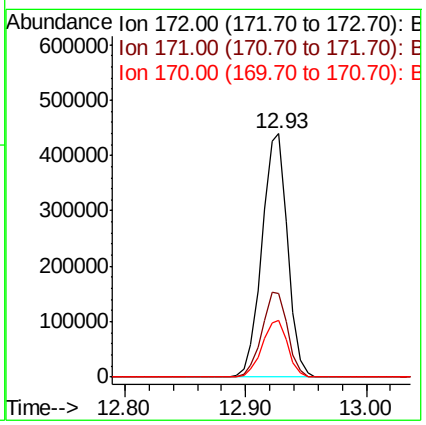


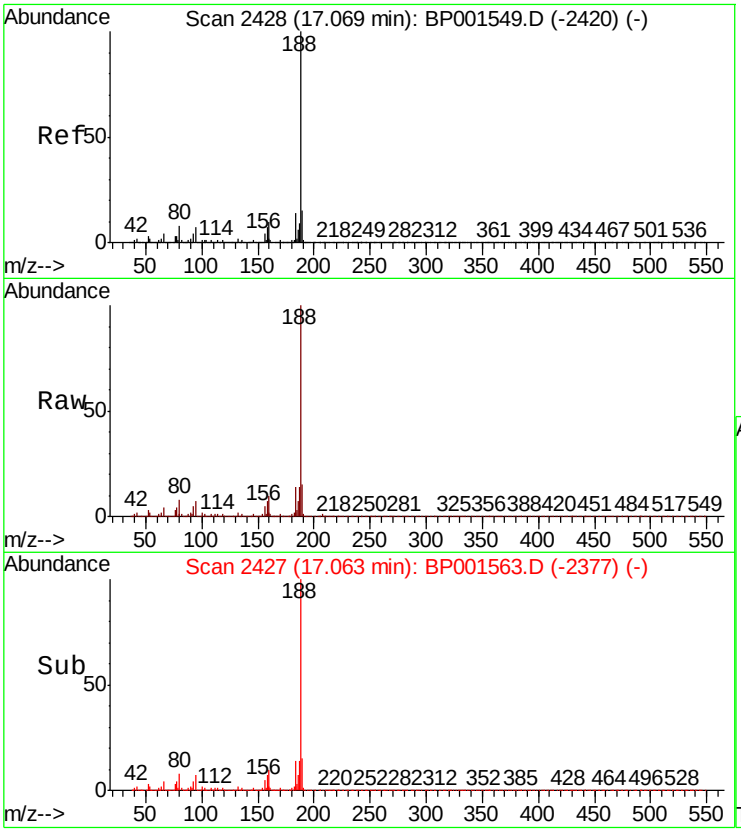


#45
2-Fluorobiphenyl
Concen: 149.579 ng
RT: 12.93 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BP001563.D
Acq: 08 Jan 2020 21:25

Tgt Ion:172 Resp: 648758

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.6	41.4
170	23.3	18.3	27.5



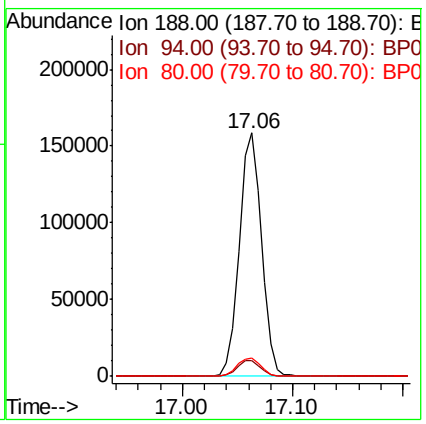


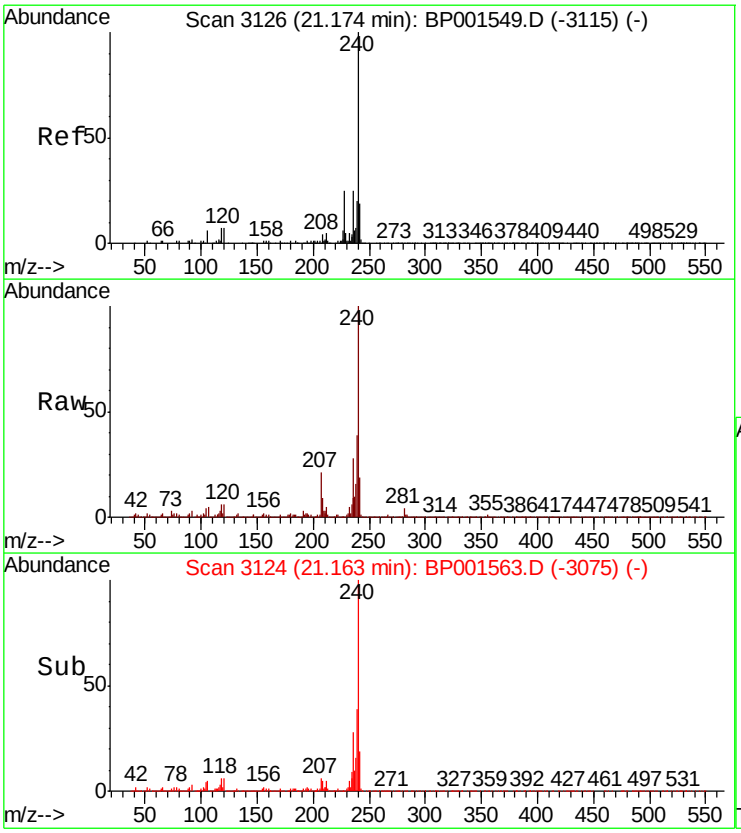
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BP001563.D
Acq: 08 Jan 2020 21:25

Instrument :
BNA_P
ClientSampleId :
301-305

Tgt Ion:188 Resp: 224832

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.9	8.9
80	7.6	6.8	10.2

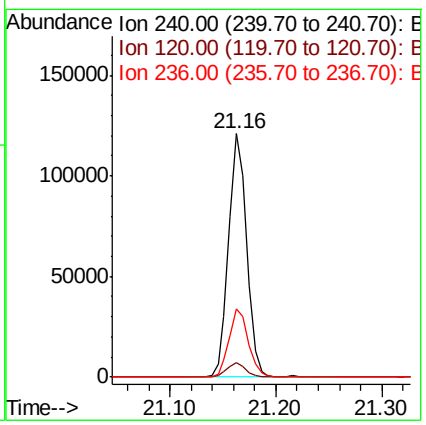


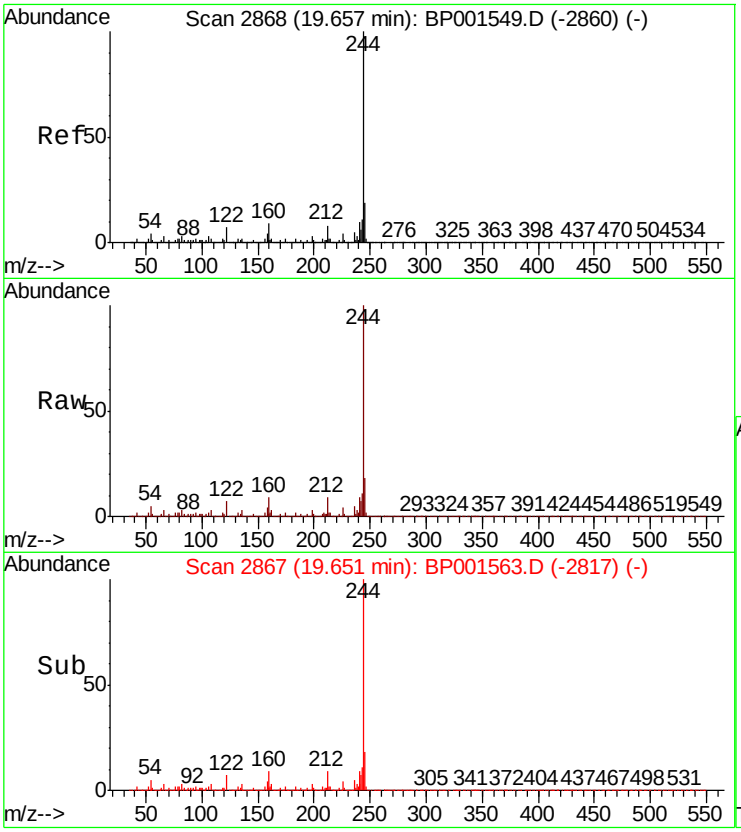


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BP001563.D
Acq: 08 Jan 2020 21:25

Tgt Ion:240 Resp: 142250

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.7	8.5
236	28.2	20.4	30.6



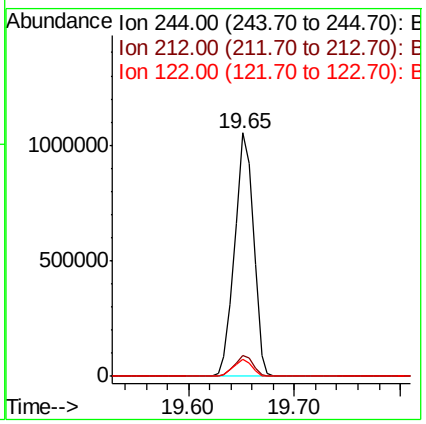


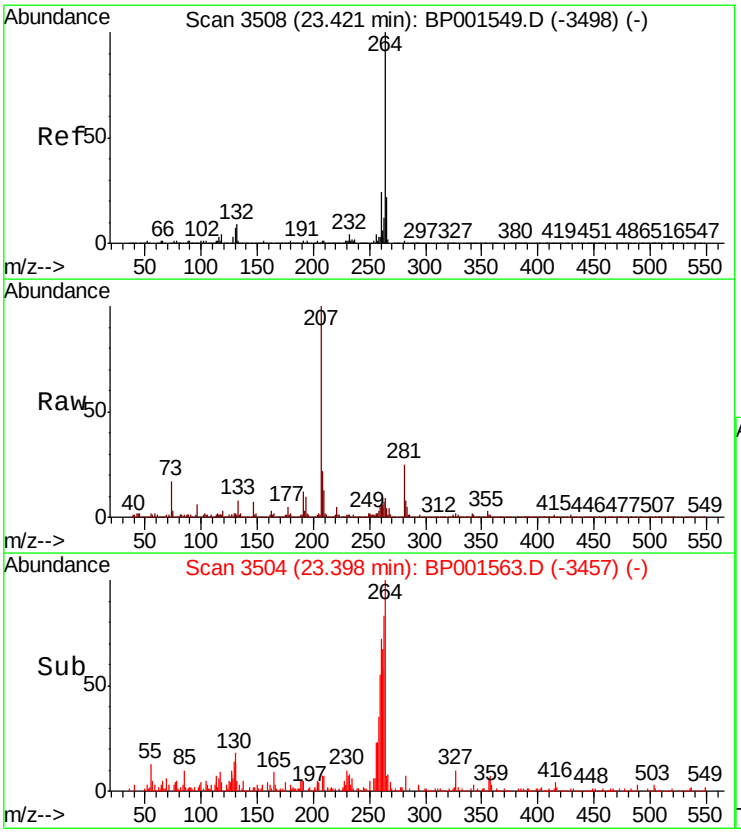
#79
Terphenyl-d14
Concen: 165.197 ng
RT: 19.65 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BP001563.D
Acq: 08 Jan 2020 21:25

Instrument :
BNA_P
ClientSampleId :
301-305

Tgt Ion:244 Resp: 1284794

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.3	9.5
122	6.8	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: BP001563.D
Acq: 08 Jan 2020 21:25

Tgt Ion:264 Resp: 5111

Ion	Ratio	Lower	Upper
264	100		
260	71.6	19.0	28.6#
265	44.9	18.2	27.4#