Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001421.D
Acq On : 26 Dec 2019 14:56
Operator : JU
Sample : PB125701BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125701BL

Quant Time: Dec 27 07:46:02 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	8.28	152	33246	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	119561	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	71538	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	148987	20.00	ng	0.00
76) Chrysene-d12	19.22	240	115141	20.00	ng	0.00
87) Perylene-d12	20.99	264	112472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	244396	118.81	ng	0.01
7) Phenol-d6	7.75	99	324971	121.07	ng	0.00
23) Nitrobenzene-d5	9.17	82	223685	71.84	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	103858	116.12	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	441732	78.08	ng	0.00
79) Terphenyl-d14	17.87	244	616322	91.68	ng	0.00
Target Compounds						Qvalue

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

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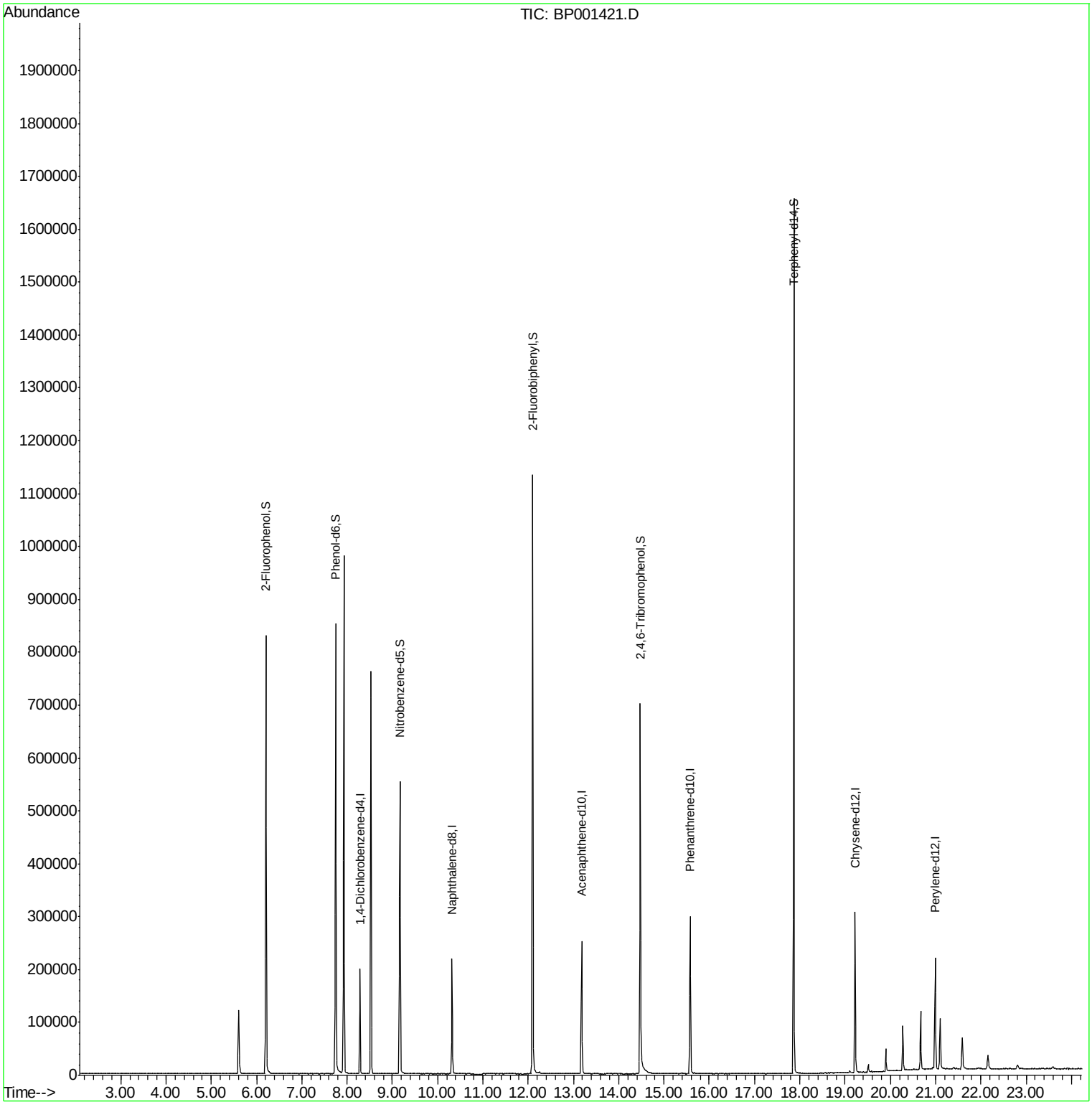
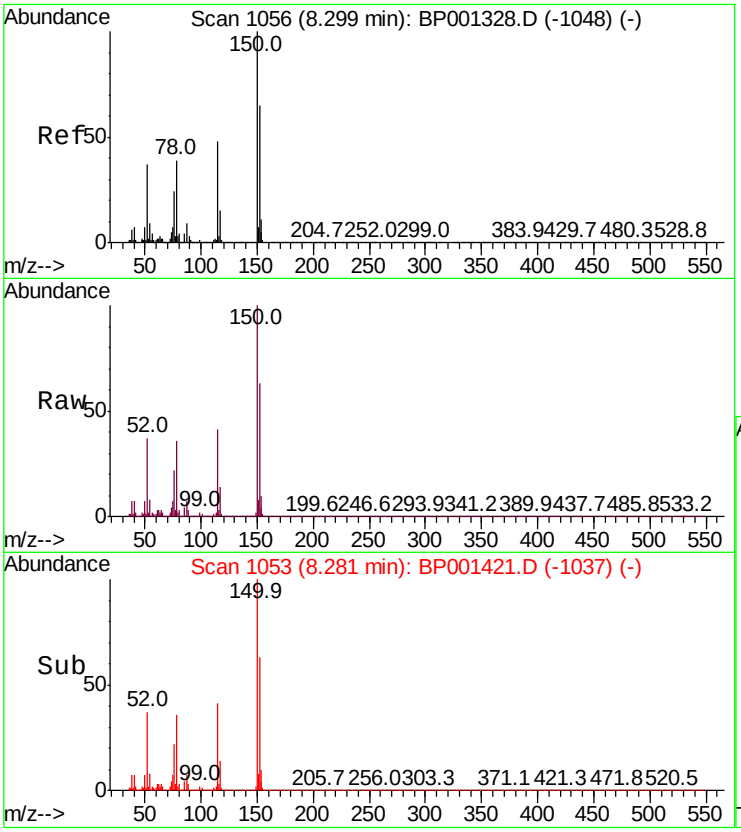


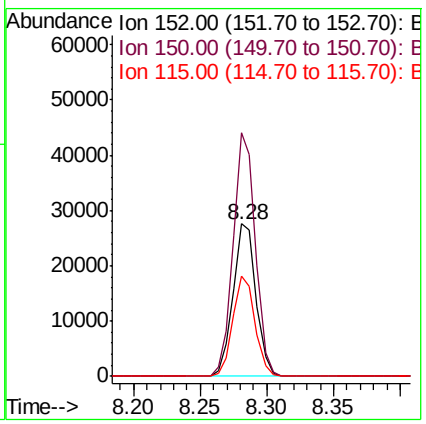


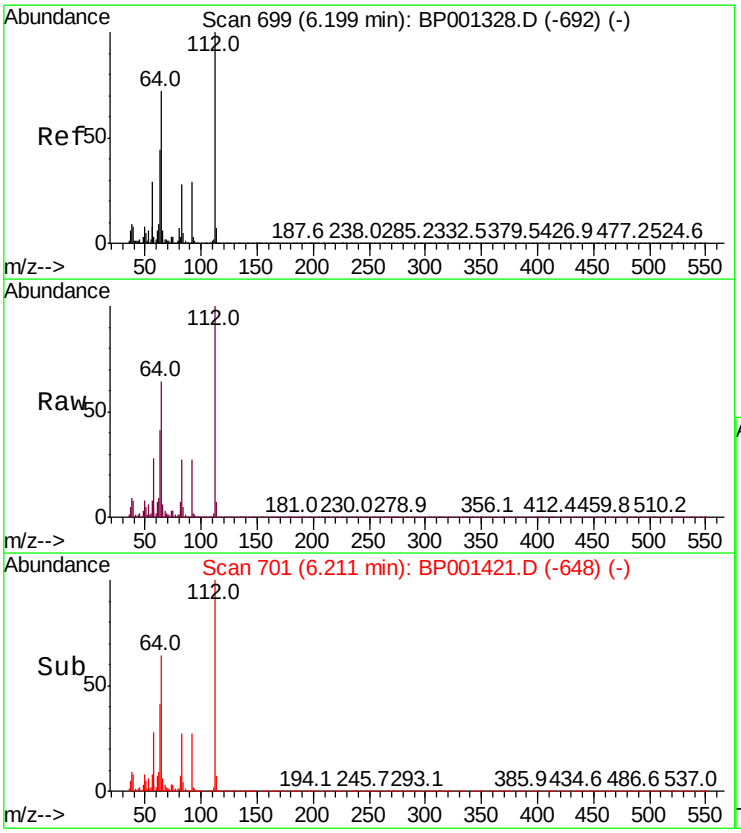
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BP001421.D
Acq: 26 Dec 2019 14:56

Instrument :
BNA_P
ClientSampleId :
PB125701BL

Tgt Ion:152 Resp: 33246

Ion	Ratio	Lower	Upper
152	100		
150	159.6	127.0	190.6
115	66.1	56.1	84.1

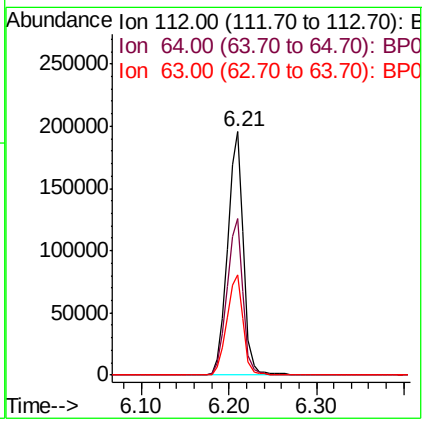


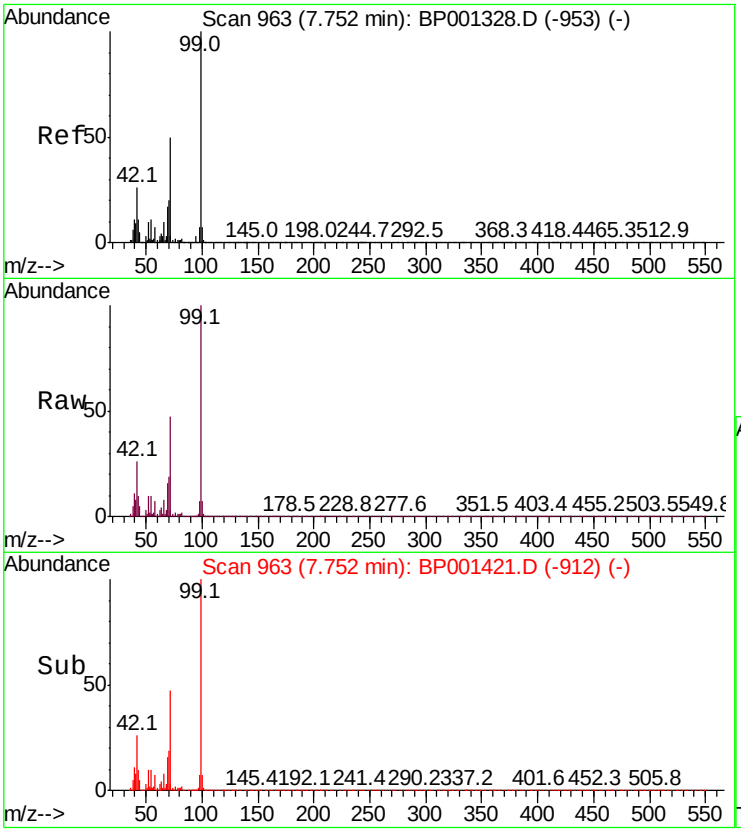


#5
2-Fluorophenol
Concen: 118.808 ng
RT: 6.21 min Scan# 701
Delta R.T. 0.01 min
Lab File: BP001421.D
Acq: 26 Dec 2019 14:56

Tgt Ion:112 Resp: 244396

Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.9	80.9
63	41.2	33.4	50.0



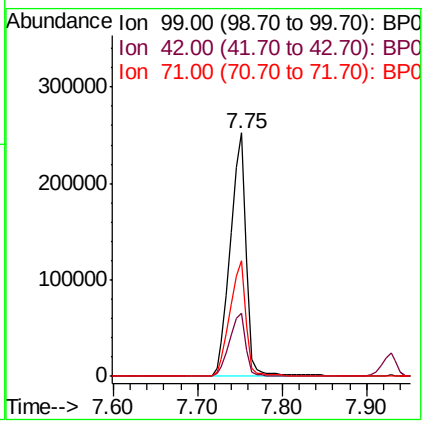


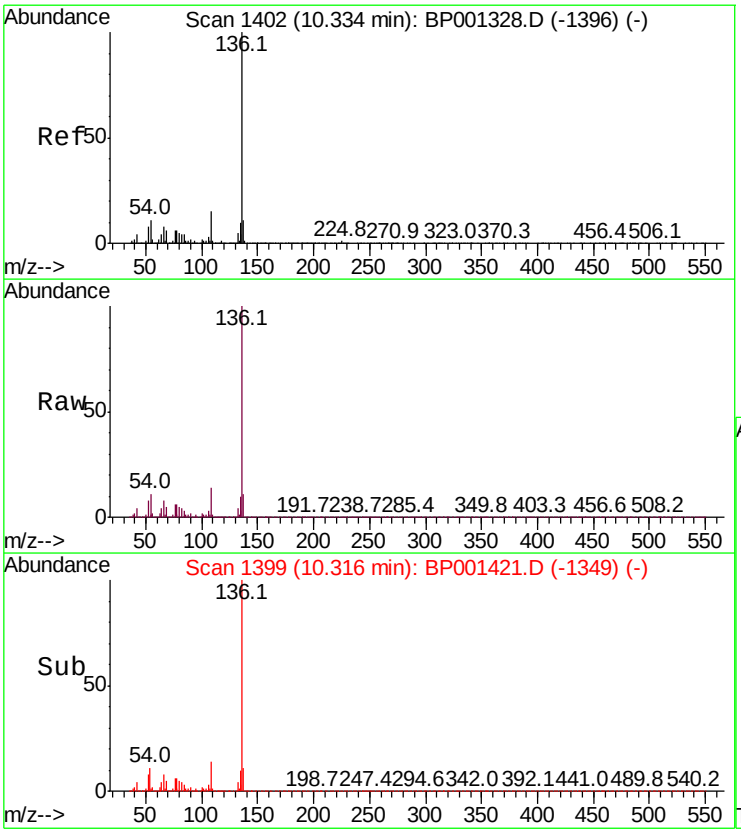
#7
Phenol-d6
Concen: 121.068 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BP001421.D
Acq: 26 Dec 2019 14:56

Instrument :
BNA_P
ClientSampleId :
PB125701BL

Tgt Ion: 99 Resp: 324971

Ion	Ratio	Lower	Upper
99	100		
42	26.1	20.8	31.2
71	47.4	38.2	57.4

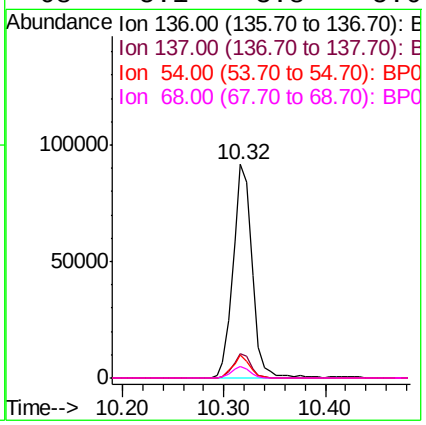


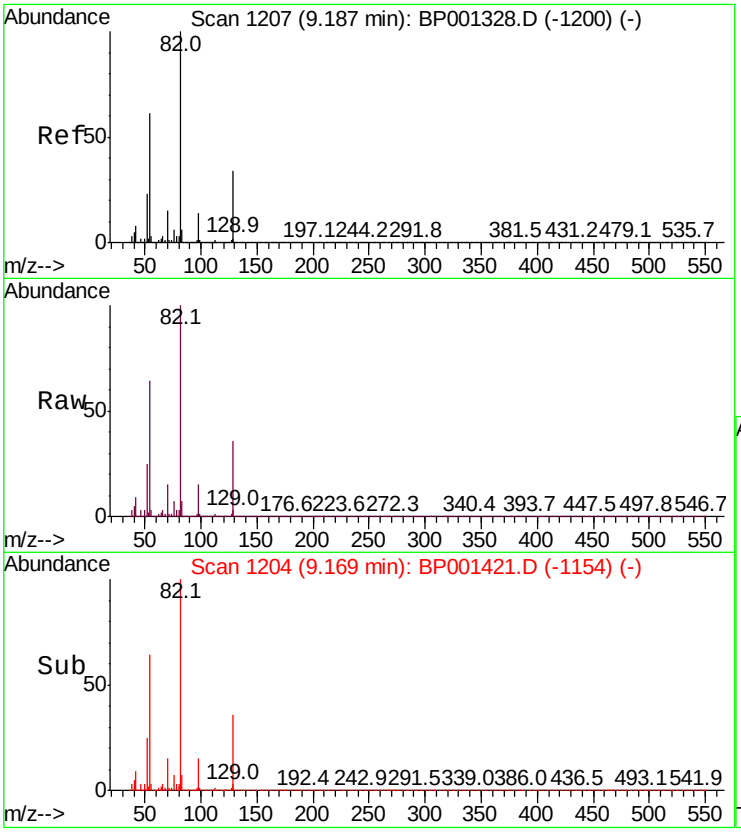


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001421.D
Acq: 26 Dec 2019 14:56

Tgt Ion:136 Resp: 119561

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	11.1	7.3	10.9#
68	5.1	3.8	5.6



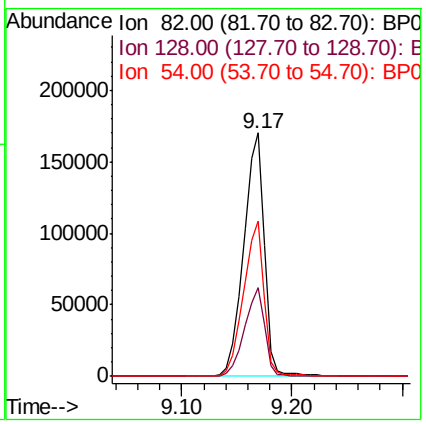


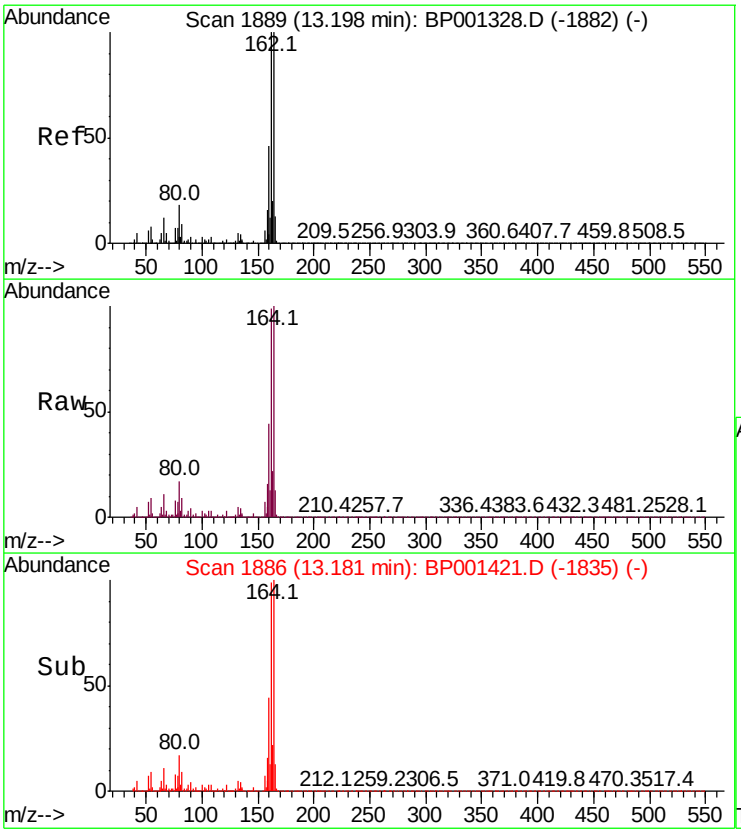
#23
Nitrobenzene-d5
Concen: 71.844 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001421.D
Acq: 26 Dec 2019 14:56

Instrument :
BNA_P
ClientSampleId :
PB125701BL

Tgt Ion: 82 Resp: 223685

Ion	Ratio	Lower	Upper
82	100		
128	36.4	27.4	41.0
54	63.8	47.5	71.3

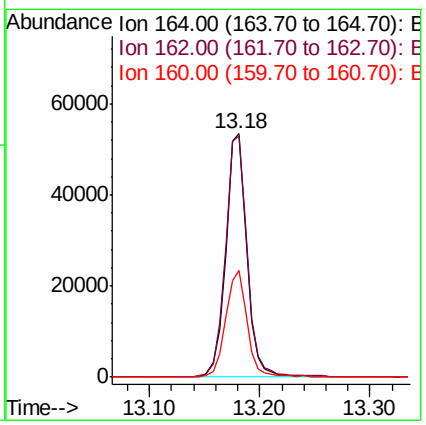


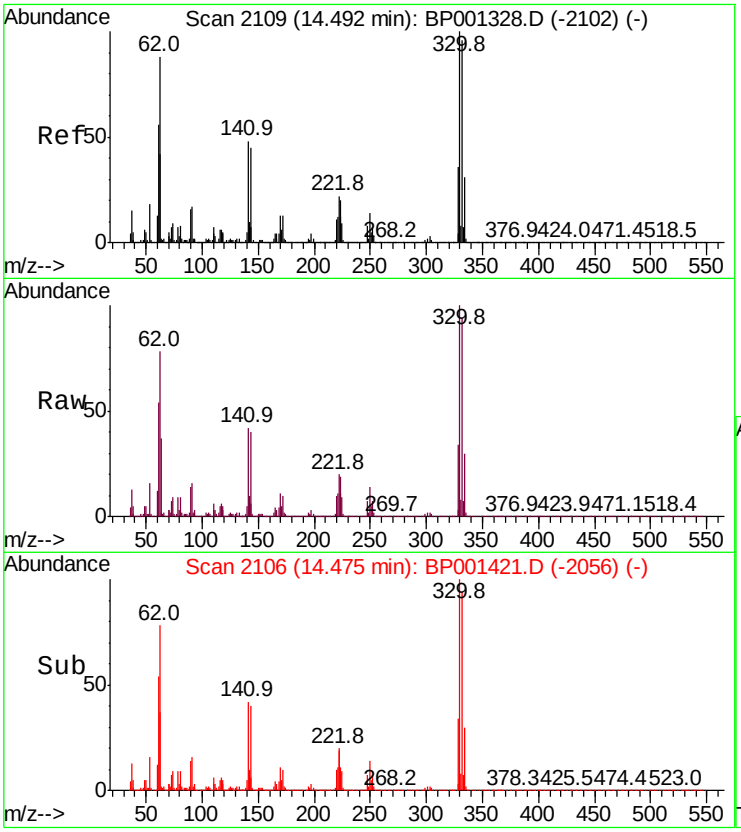


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.18 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BP001421.D
Acq: 26 Dec 2019 14:56

Tgt Ion:164 Resp: 71538

Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.2	117.4
160	43.6	35.1	52.7



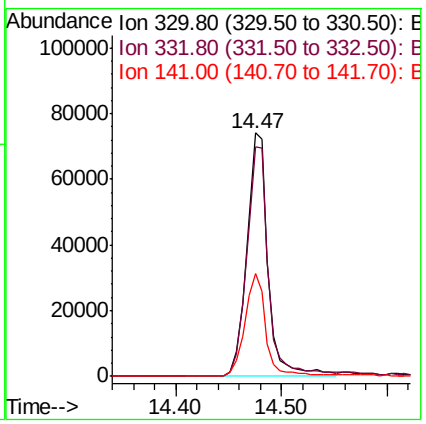


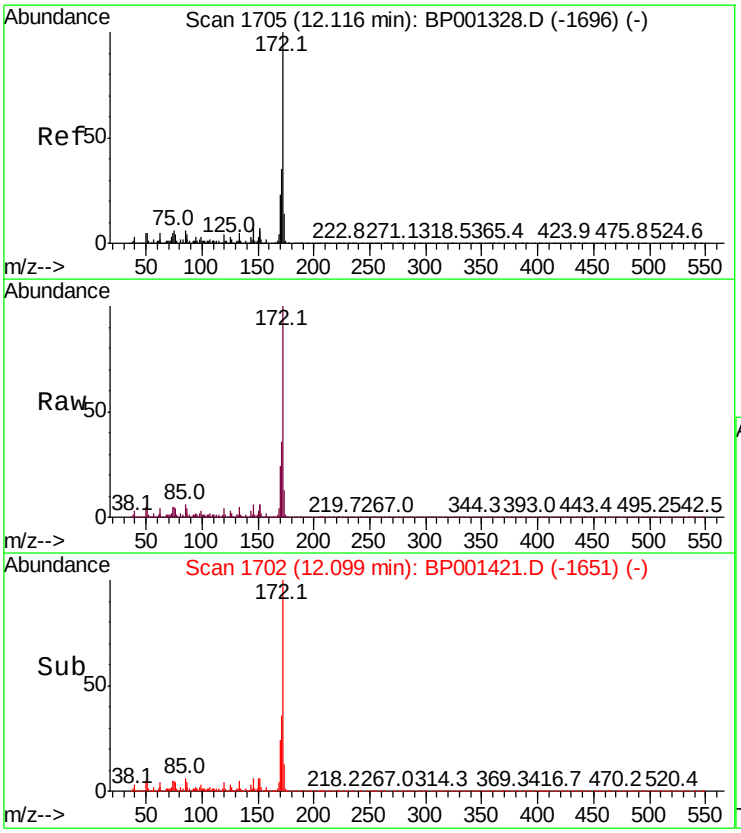
#42
2,4,6-Tribromophenol
Concen: 116.122 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP001421.D
Acq: 26 Dec 2019 14:56

Instrument :
BNA_P
ClientSampleId :
PB125701BL

Tgt Ion:330 Resp: 103858

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.3	117.5
141	42.9	26.8	40.2#

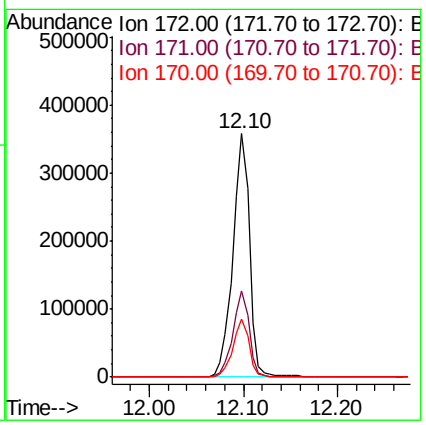


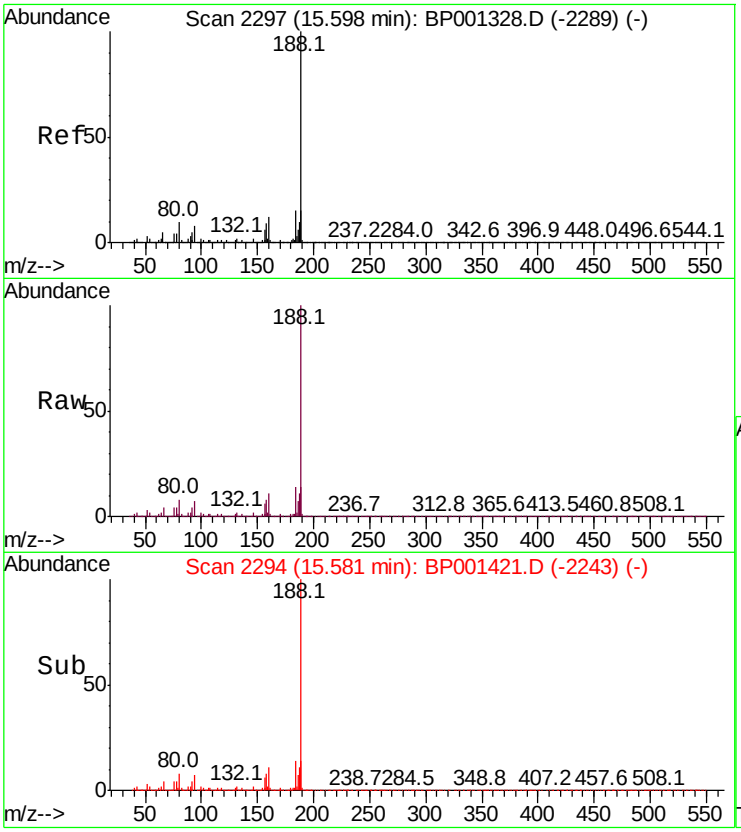


#45
2-Fluorobiphenyl
Concen: 78.079 ng
RT: 12.10 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BP001421.D
Acq: 26 Dec 2019 14:56

Tgt Ion:172 Resp: 441732

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.4	41.0
170	24.0	18.2	27.4



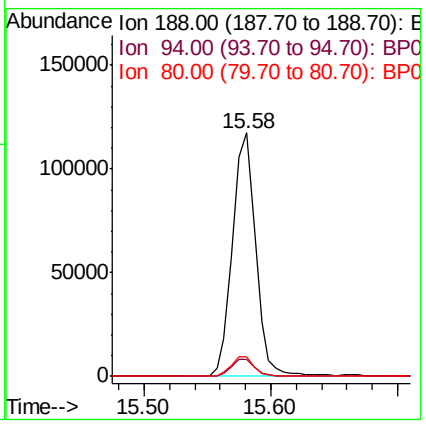


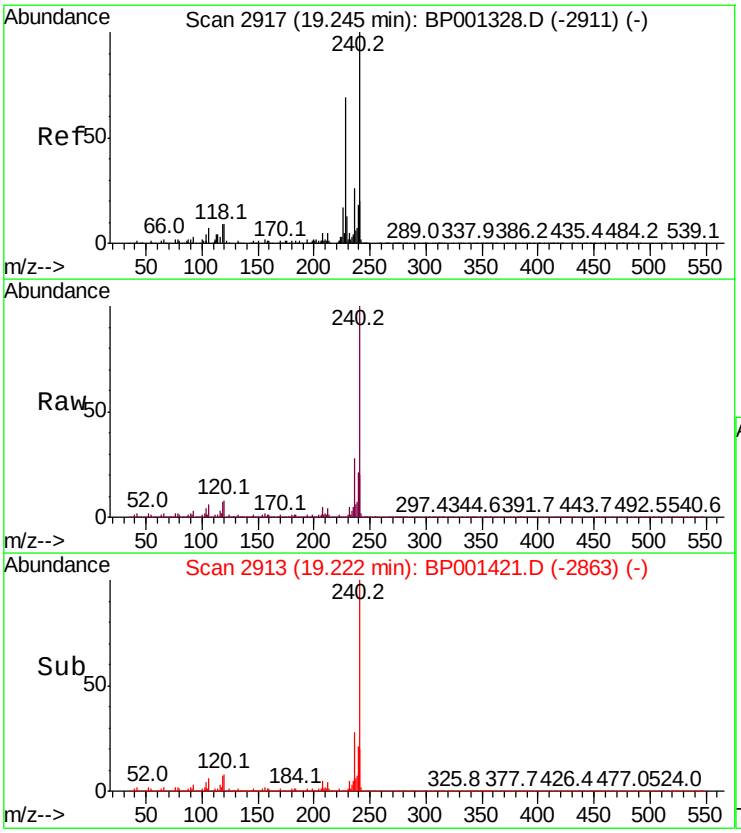
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BP001421.D
Acq: 26 Dec 2019 14:56

Instrument :
BNA_P
ClientSampleId :
PB125701BL

Tgt Ion:188 Resp: 148987

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.8
80	7.9	5.7	8.5

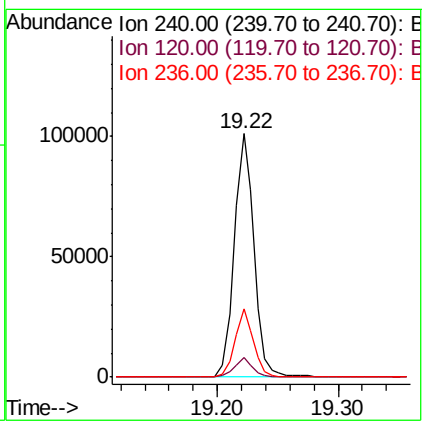


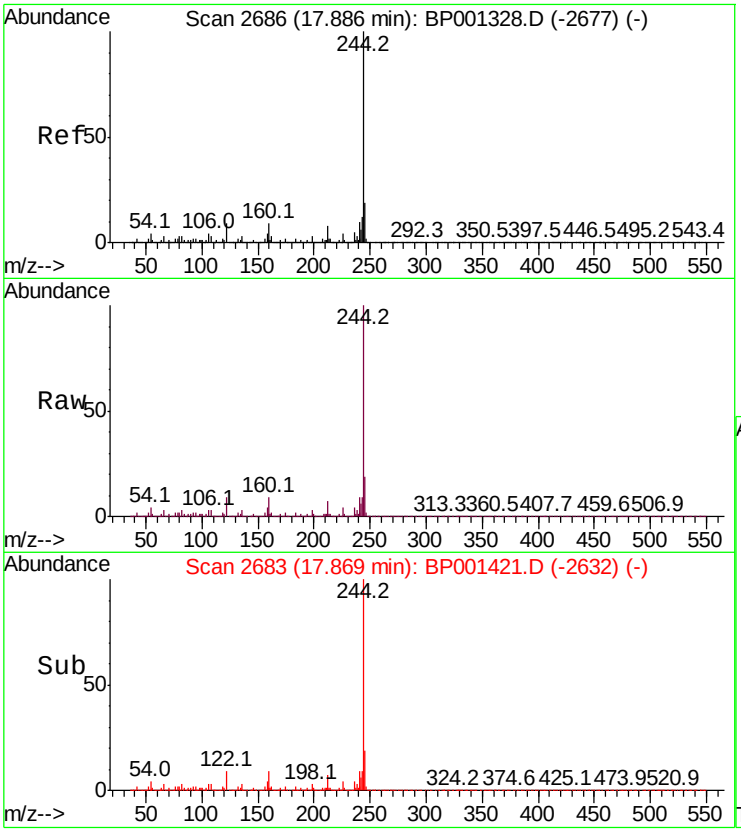


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001421.D
Acq: 26 Dec 2019 14:56

Tgt Ion:240 Resp: 115141

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.2	9.2
236	27.8	20.2	30.2



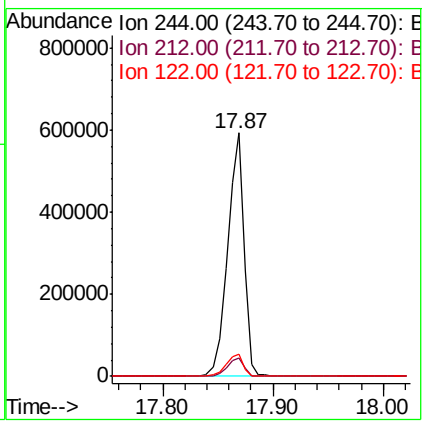


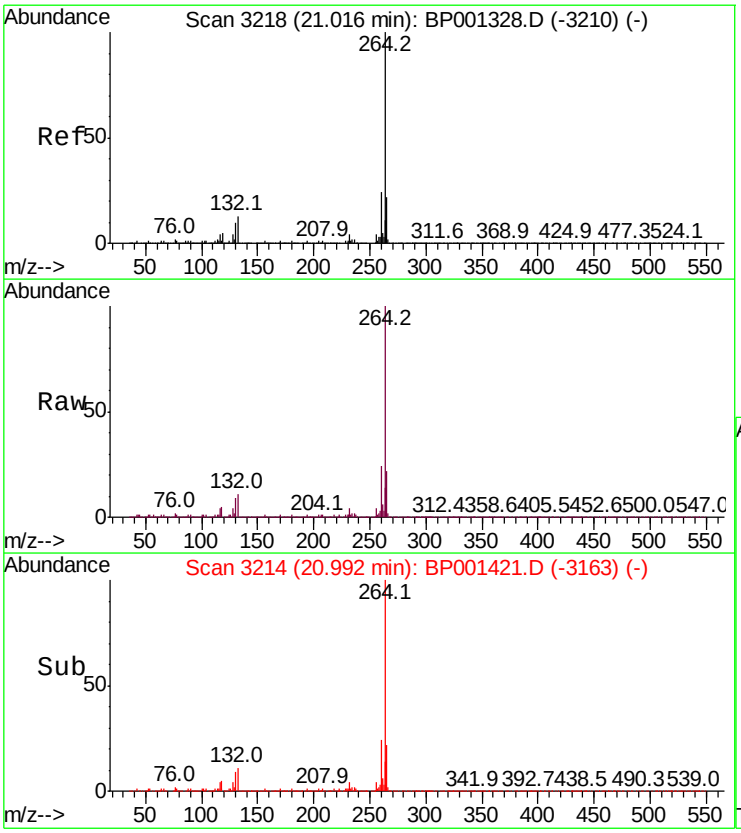
#79
Terphenyl-d14
Concen: 91.680 ng
RT: 17.87 min Scan# 2683
Delta R.T. 0.00 min
Lab File: BP001421.D
Acq: 26 Dec 2019 14:56

Instrument :
BNA_P
ClientSampleId :
PB125701BL

Tgt Ion:244 Resp: 616322

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	8.9	6.4	9.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3214
Delta R.T. 0.00 min
Lab File: BP001421.D
Acq: 26 Dec 2019 14:56

Tgt Ion:264 Resp: 112472

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.9	17.0	25.4