Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001134.D
Acq On : 02 Dec 2019 19:13
Operator : JU
Sample : K5676-38
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-01-112719

Quant Time: Dec 03 00:43:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	135410	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	498119	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	275020	20.00	ng	0.00
64) Phenanthrene-d10	15.63	188	522666	20.00	ng	0.00
76) Chrysene-d12	19.27	240	416252	20.00	ng	0.00
87) Perylene-d12	21.05	264	450546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	1147823	140.63	ng	0.02
7) Phenol-d6	7.78	99	1504285	138.34	ng	0.01
23) Nitrobenzene-d5	9.21	82	1040048	90.59	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	377958	143.38	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1669893	88.87	ng	0.00
79) Terphenyl-d14	17.92	244	2015655	89.59	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.40	128	81874	3.218	ng	99
77) Benzidine	17.56	184	258431	24.046	ng	98

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

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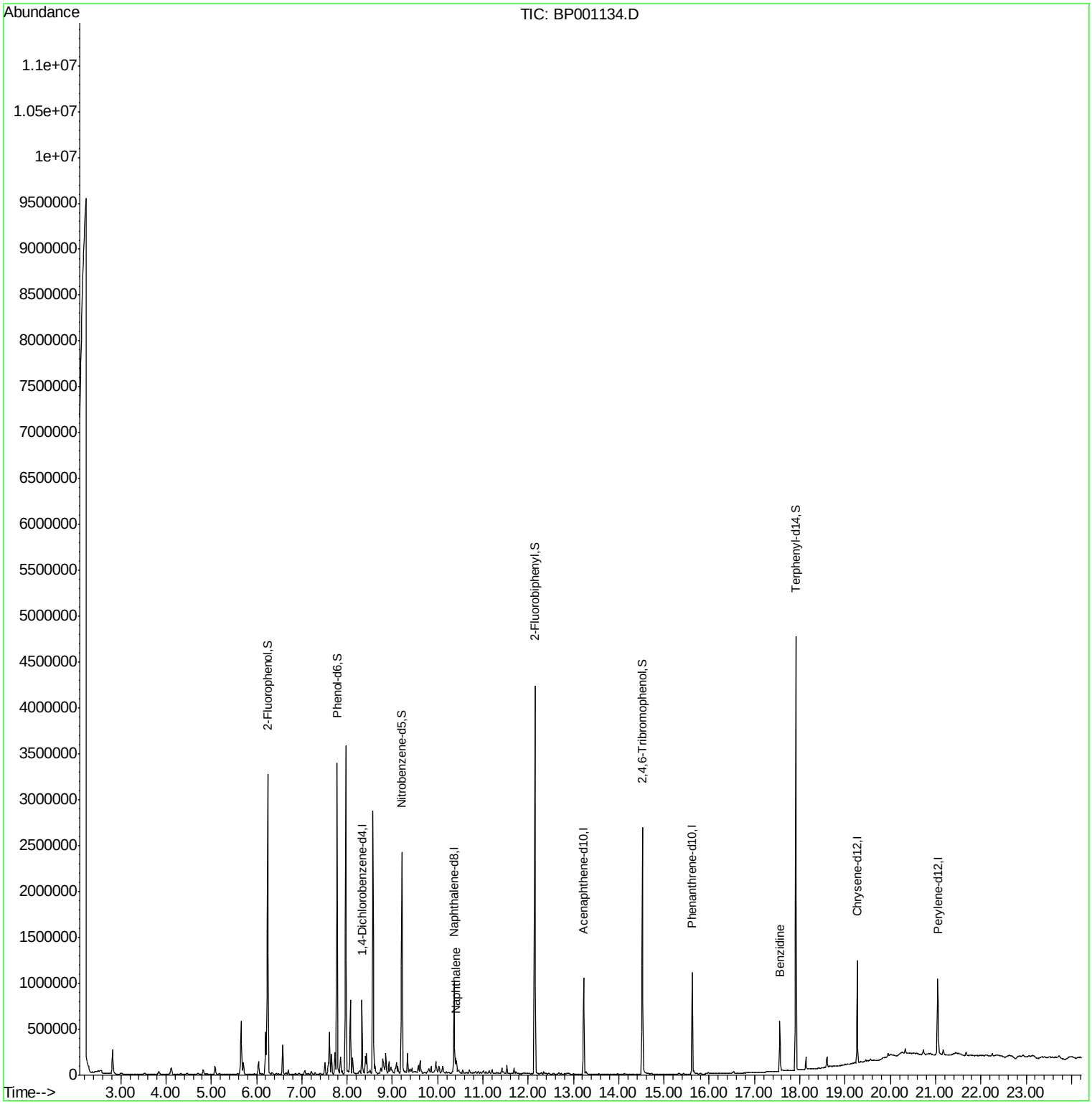
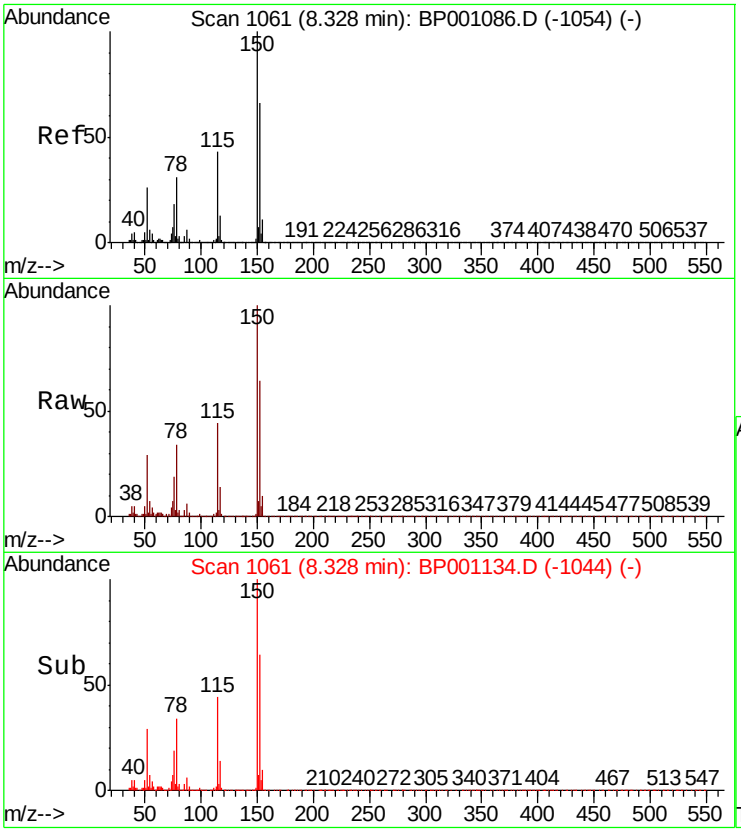


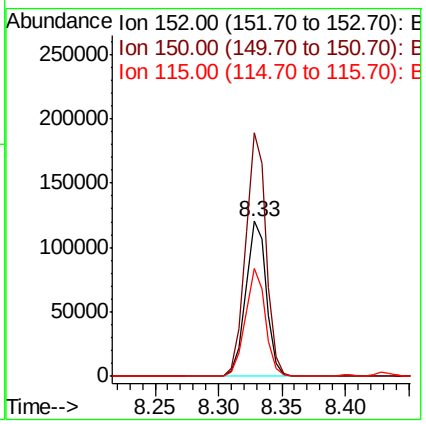


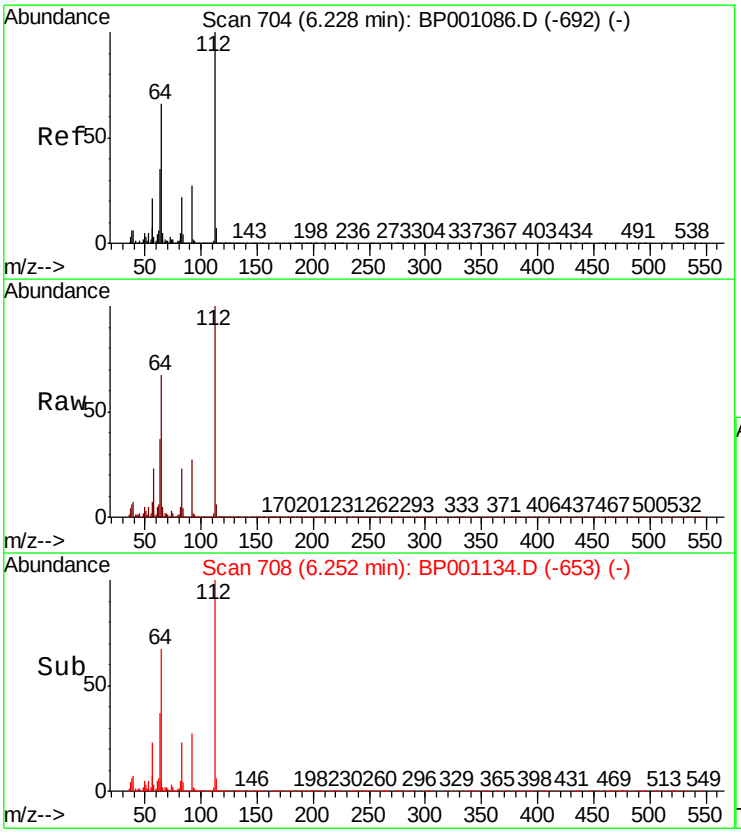
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719

Tgt Ion:152 Resp: 135410

Ion	Ratio	Lower	Upper
152	100		
150	157.3	120.6	181.0
115	69.4	51.6	77.4

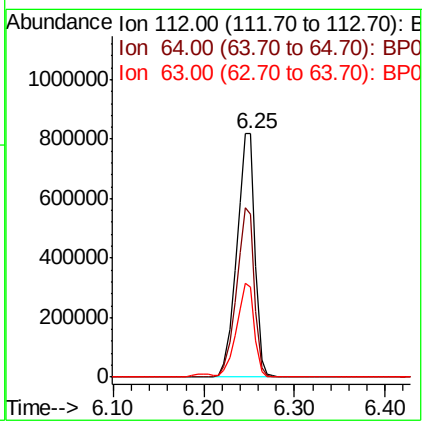


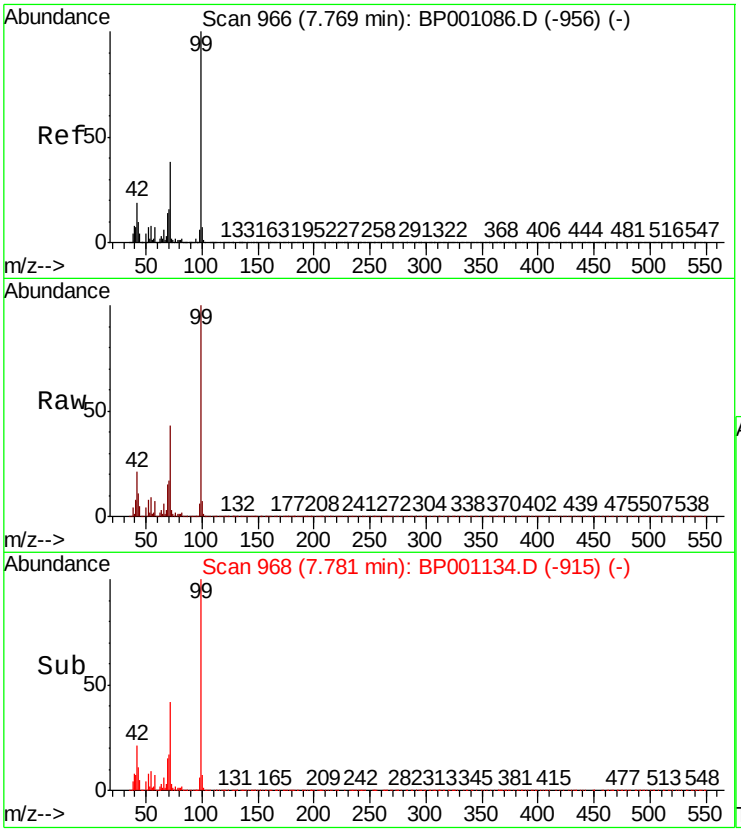


#5
2-Fluorophenol
Concen: 140.635 ng
RT: 6.25 min Scan# 708
Delta R.T. 0.02 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

Tgt Ion:112 Resp: 1147823

Ion	Ratio	Lower	Upper
112	100		
64	66.9	52.8	79.2
63	37.1	28.2	42.2



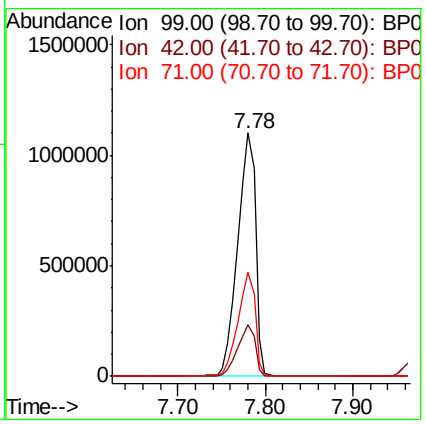


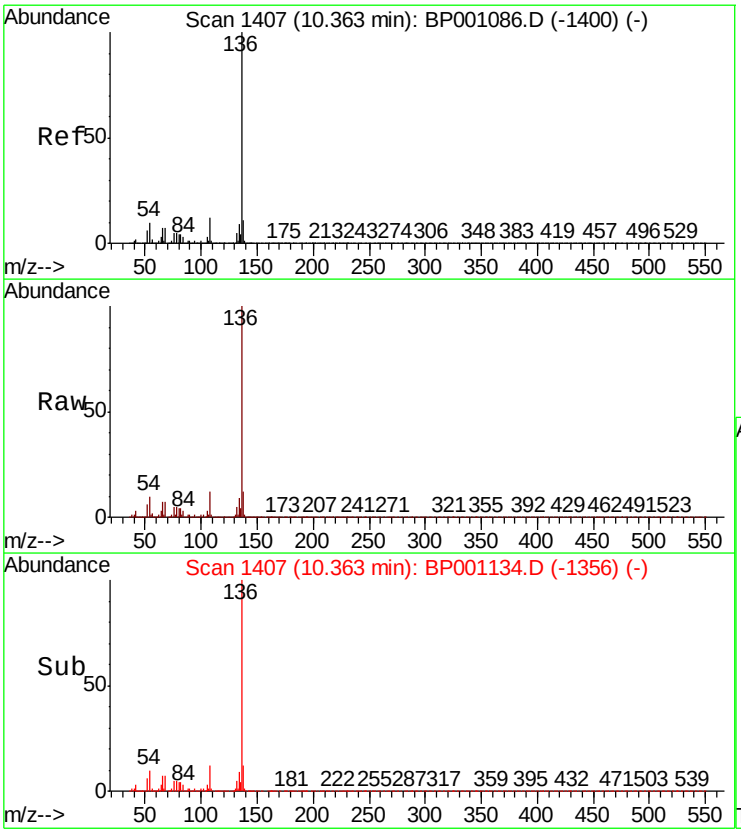
#7
Phenol-d6
Concen: 138.345 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719

Tgt Ion: 99 Resp: 1504285

Ion	Ratio	Lower	Upper
99	100		
42	21.2	15.4	23.0
71	42.5	30.8	46.2

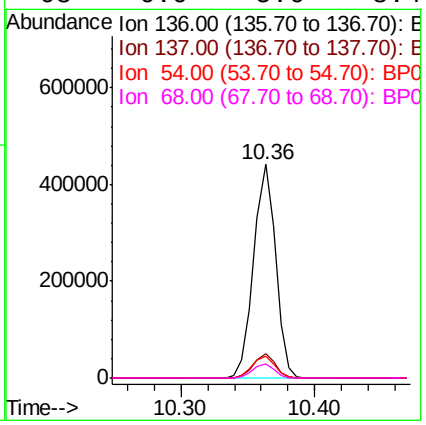


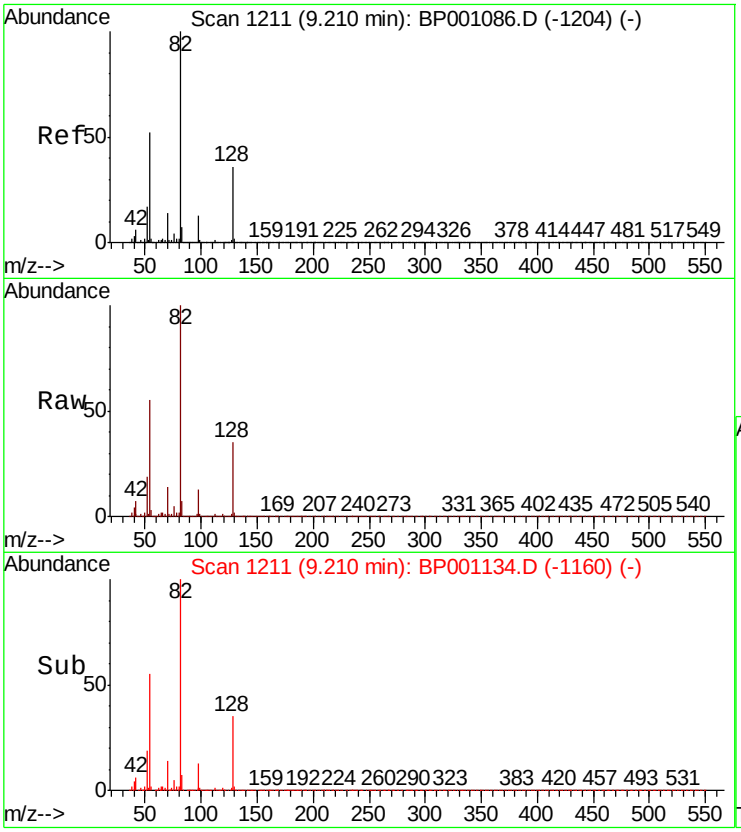


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

Tgt Ion:136 Resp: 498119

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	10.1	7.9	11.9
68	6.9	5.6	8.4



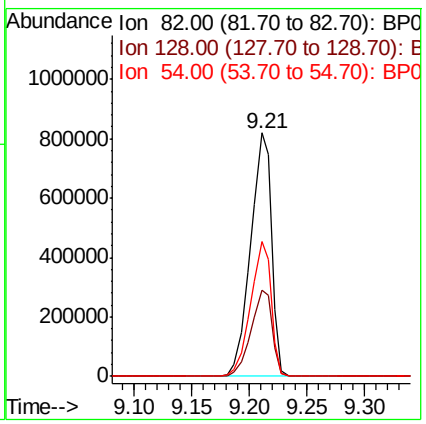


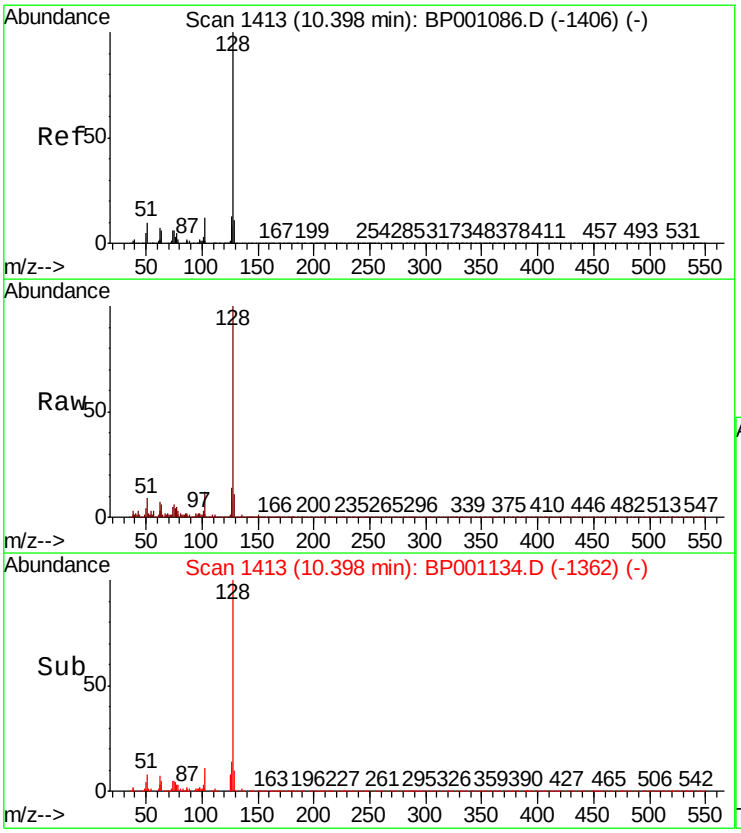
#23
Nitrobenzene-d5
Concen: 90.588 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719

Tgt Ion: 82 Resp: 1040048

Ion	Ratio	Lower	Upper
82	100		
128	35.4	28.9	43.3
54	55.3	41.9	62.9

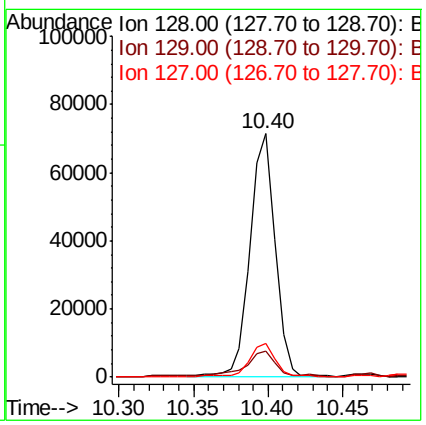


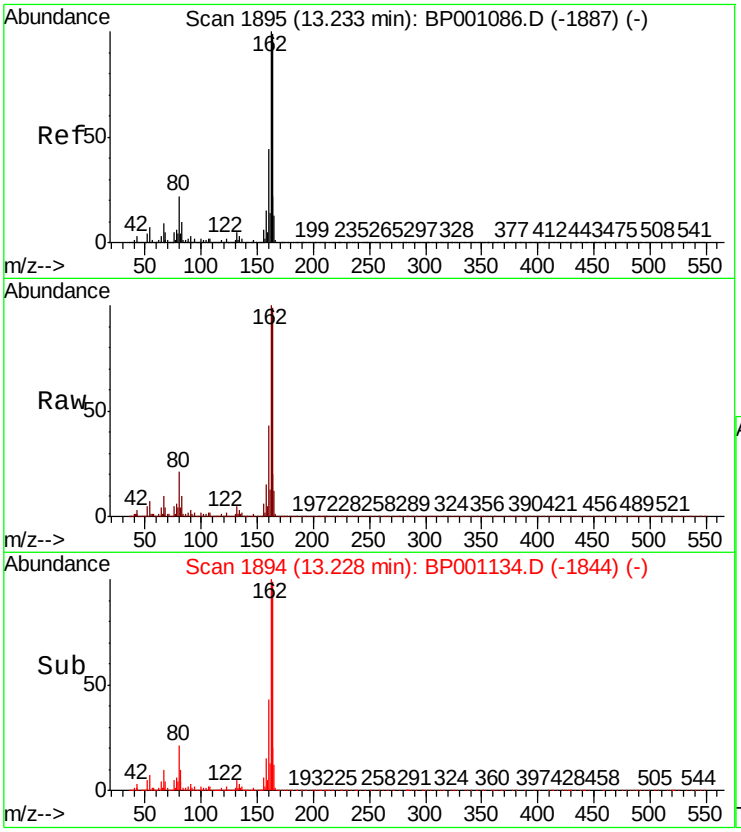


#31
Naphthalene
Concen: 3.218 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

Tgt Ion:128 Resp: 81874

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.7	10.6	16.0



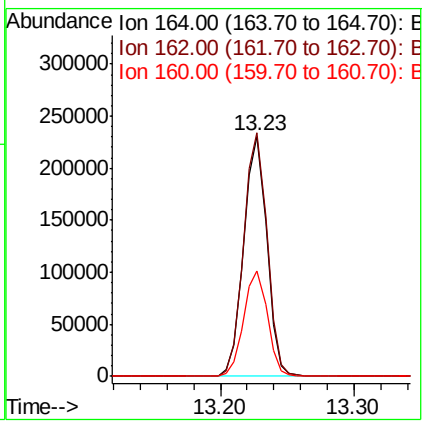


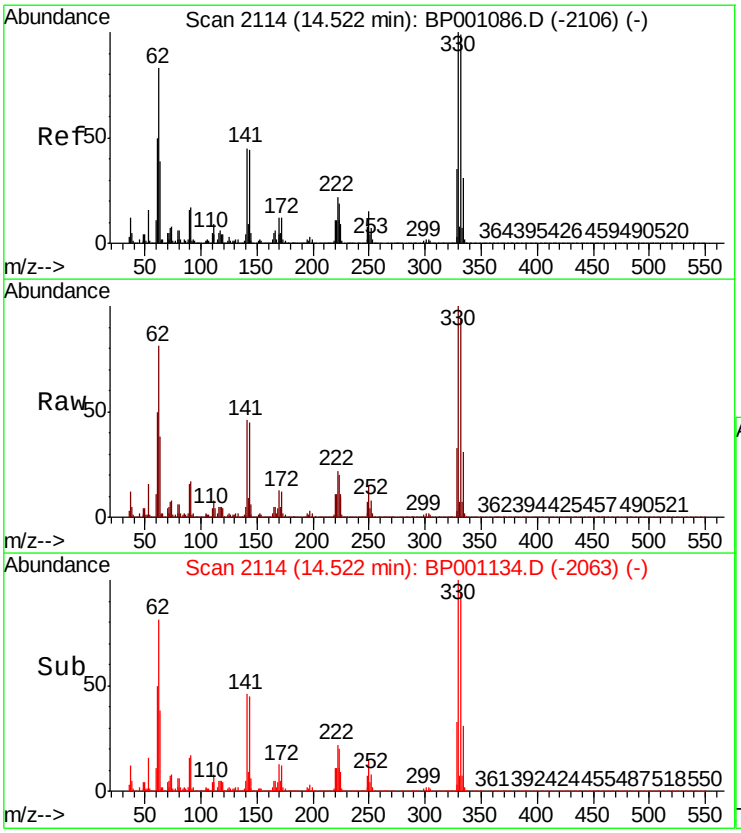
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719

Tgt Ion:164 Resp: 275020

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	43.9	35.4	53.2

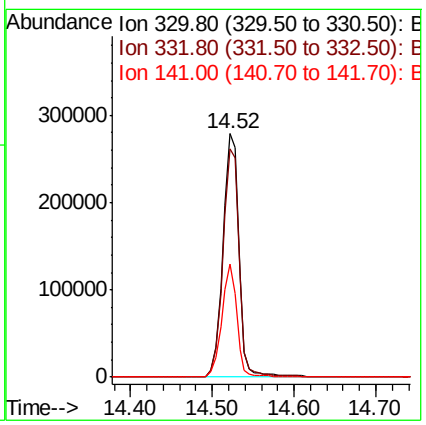


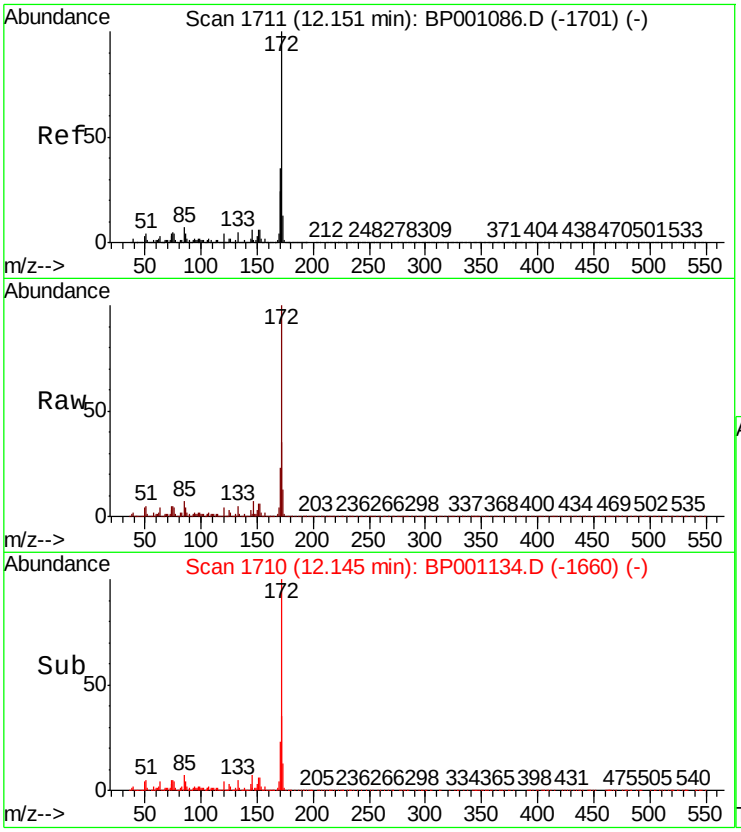


#42
2,4,6-Tribromophenol
Concen: 143.380 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

Tgt Ion:330 Resp: 377958

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.6	116.4
141	43.6	34.2	51.2



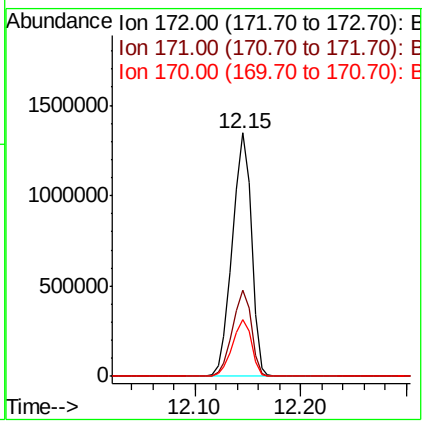


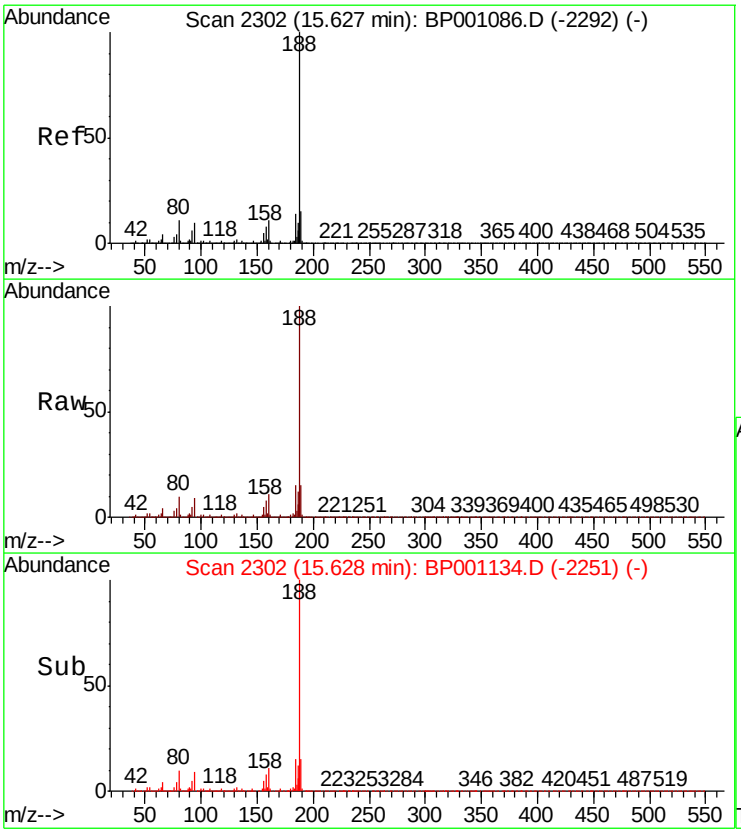
#45
2-Fluorobiphenyl
Concen: 88.867 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719

Tgt Ion:172 Resp: 1669893

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	23.5	19.0	28.4

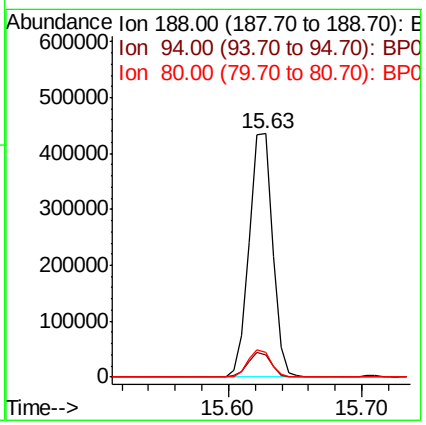


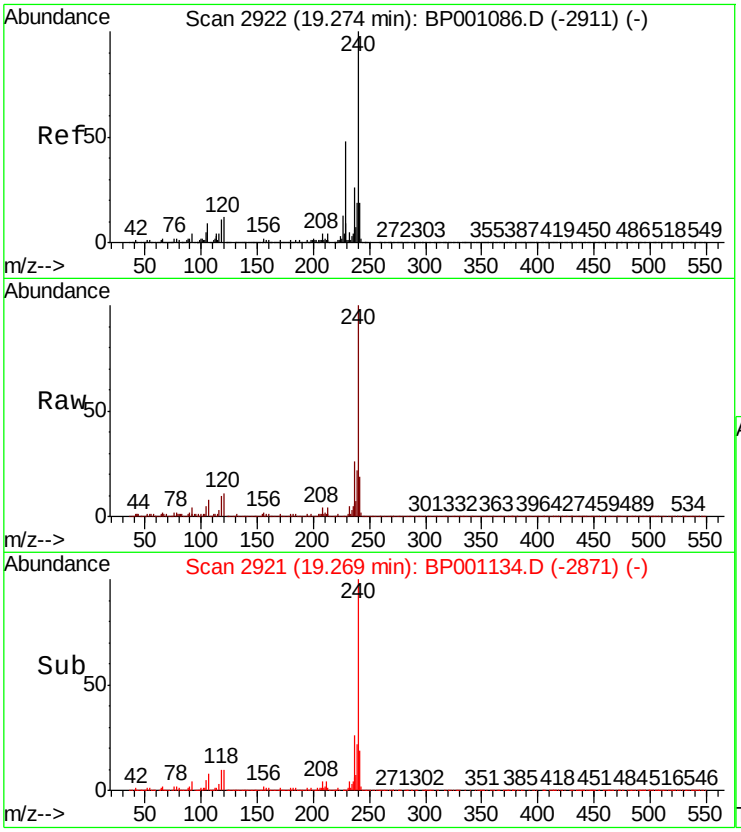


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

Tgt Ion:188 Resp: 522666

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.9	11.9
80	10.3	8.8	13.2



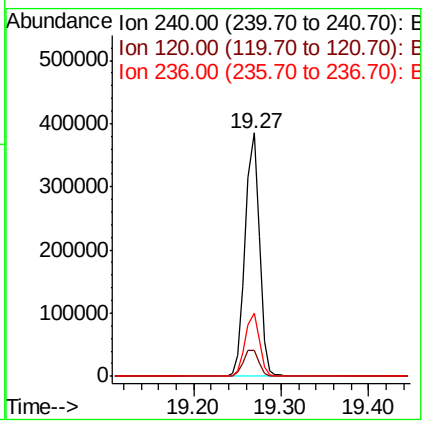


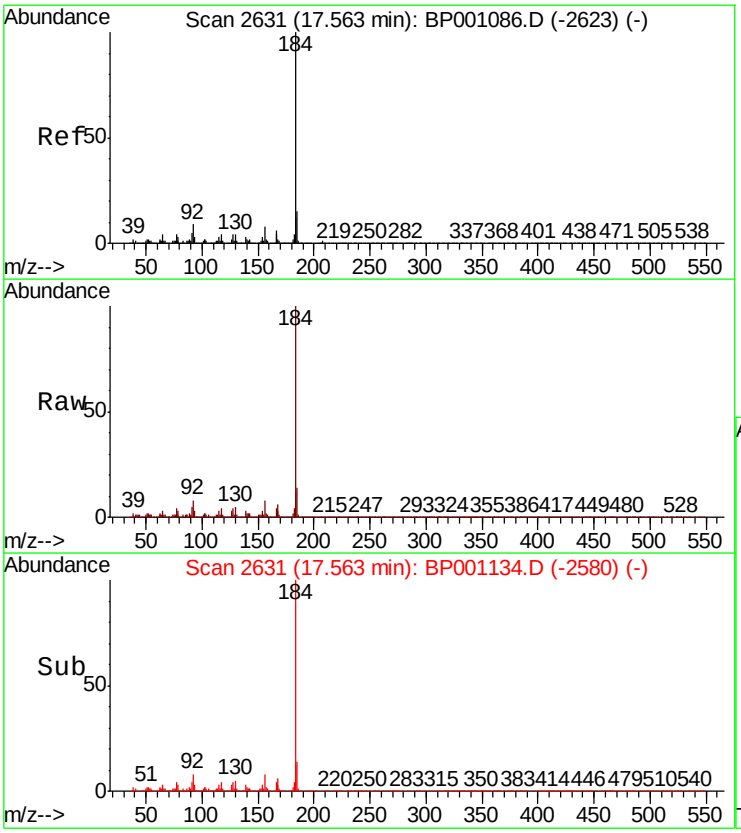
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.27 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719

Tgt Ion:240 Resp: 416252

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	25.8	20.4	30.6

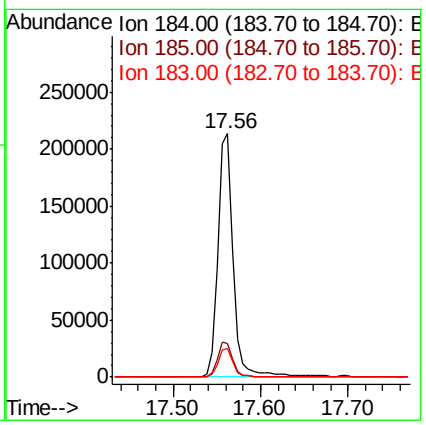


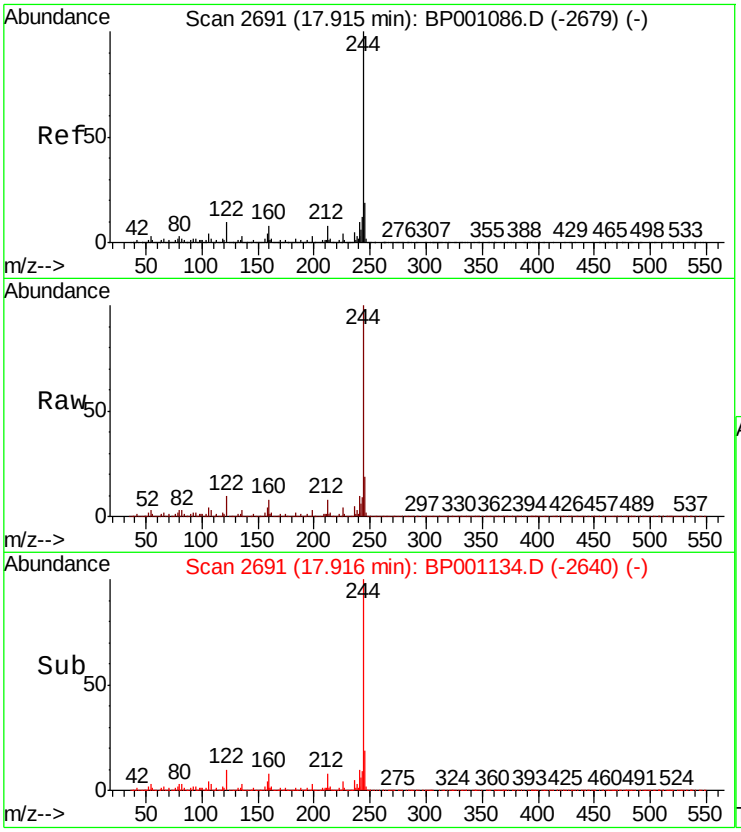


#77
Benzidine
Concen: 24.046 ng
RT: 17.56 min Scan# 2631
Delta R.T. 0.00 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

Tgt Ion:184 Resp: 258431

Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.2	18.4
183	11.6	9.3	13.9



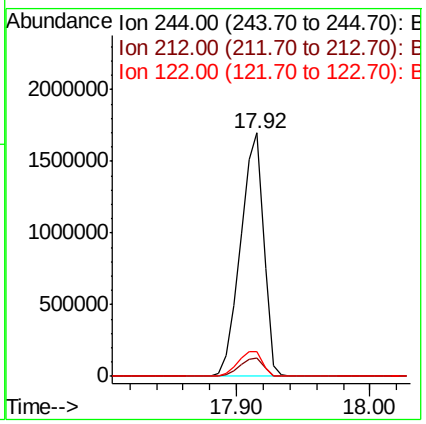


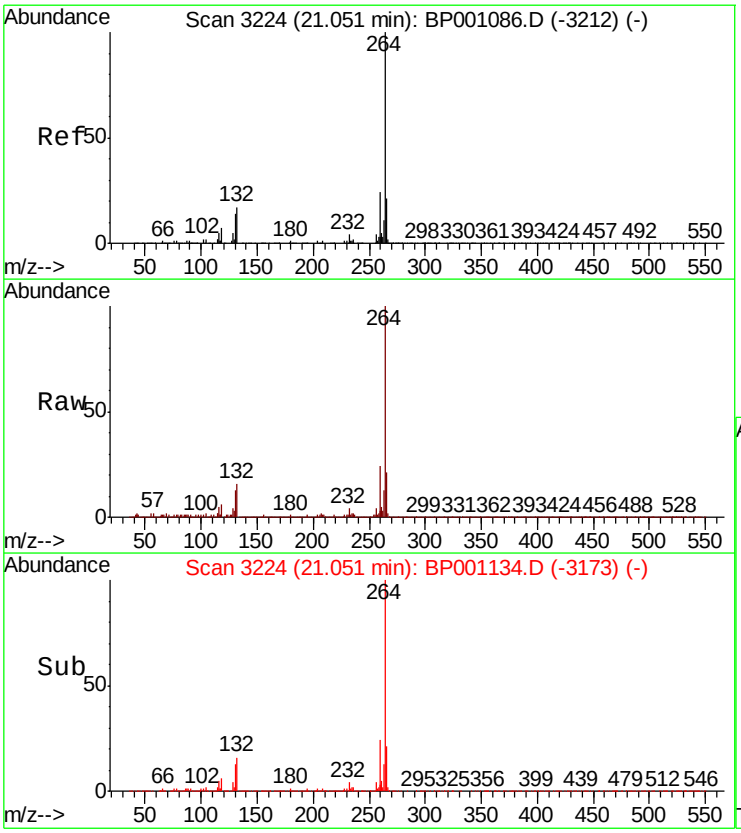
#79
Terphenyl-d14
Concen: 89.589 ng
RT: 17.92 min Scan# 2691
Delta R.T. 0.00 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719

Tgt Ion:244 Resp: 2015655

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	10.3	8.2	12.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3224
Delta R.T. 0.00 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

Tgt Ion:264 Resp: 450546

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.0	16.9	25.3