Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001477.D
Acq On : 28 Dec 2019 00:47
Operator : JU
Sample : K6438-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Dec 28 03:49:52 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	20342	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	70894	20.00	ng		0.00
39) Acenaphthene-d10	13.18	164	44705	20.00	ng		0.00
64) Phenanthrene-d10	15.57	188	93665	20.00	ng		0.00
76) Chrysene-d12	19.22	240	77829	20.00	ng		0.00
87) Perylene-d12	20.99	264	81612	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	110997	88.19	ng		0.00
7) Phenol-d6	7.75	99	144632	88.06	ng		0.00
23) Nitrobenzene-d5	9.16	82	98399	53.30	ng		-0.01
42) 2,4,6-Tribromophenol	14.47	330	53063	94.94	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	200246	56.64	ng		0.00
79) Terphenyl-d14	17.86	244	285456	62.82	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.76	94	3754	2.000	ng		92
19) n-Nitroso-di-n-propylamine	9.17	70	14788	12.684	ng	#	77
32) Benzoic acid	10.01	122	22	5.048	ng	#	29

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

Quantitation Report (Not Reviewed)

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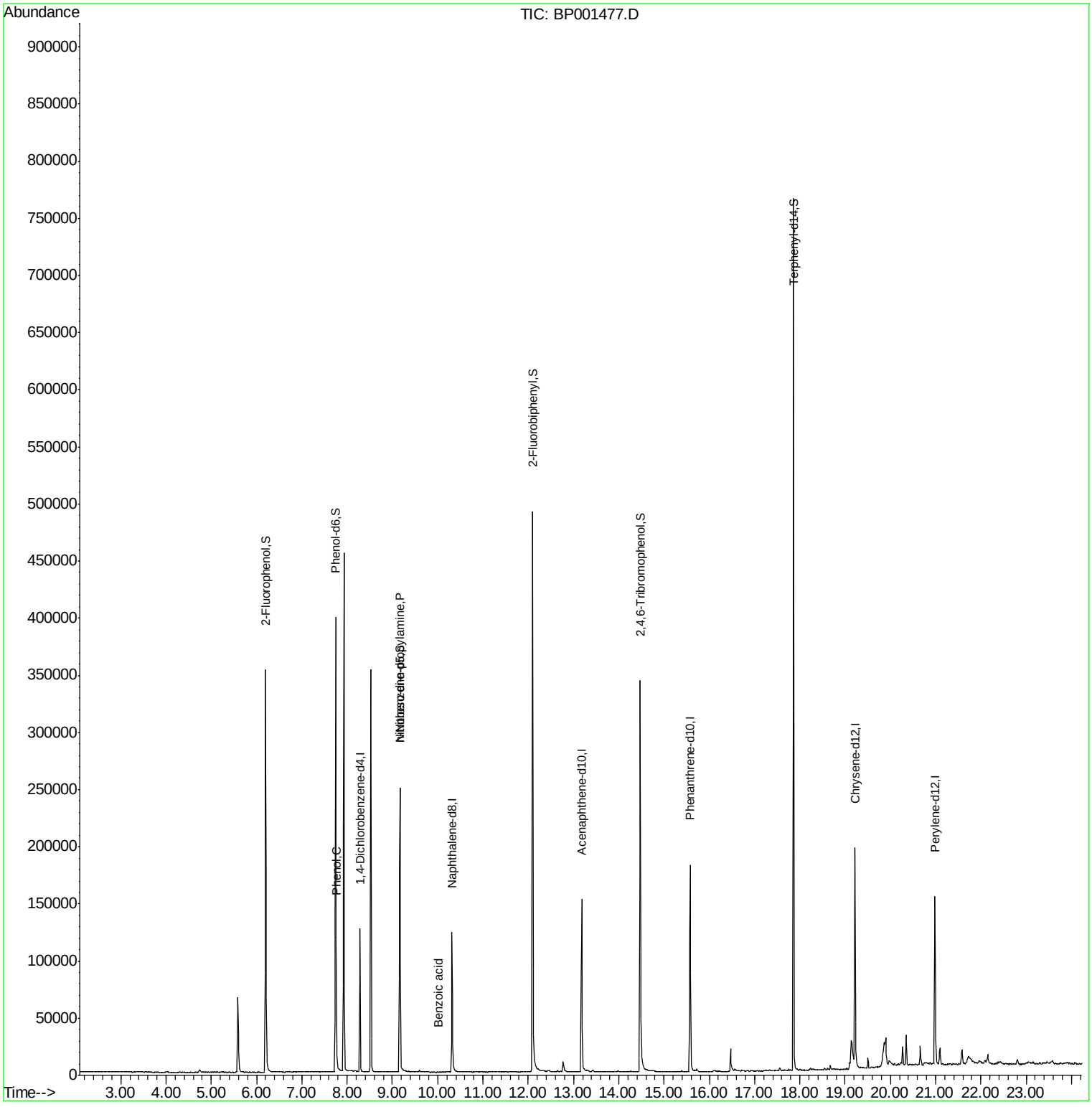
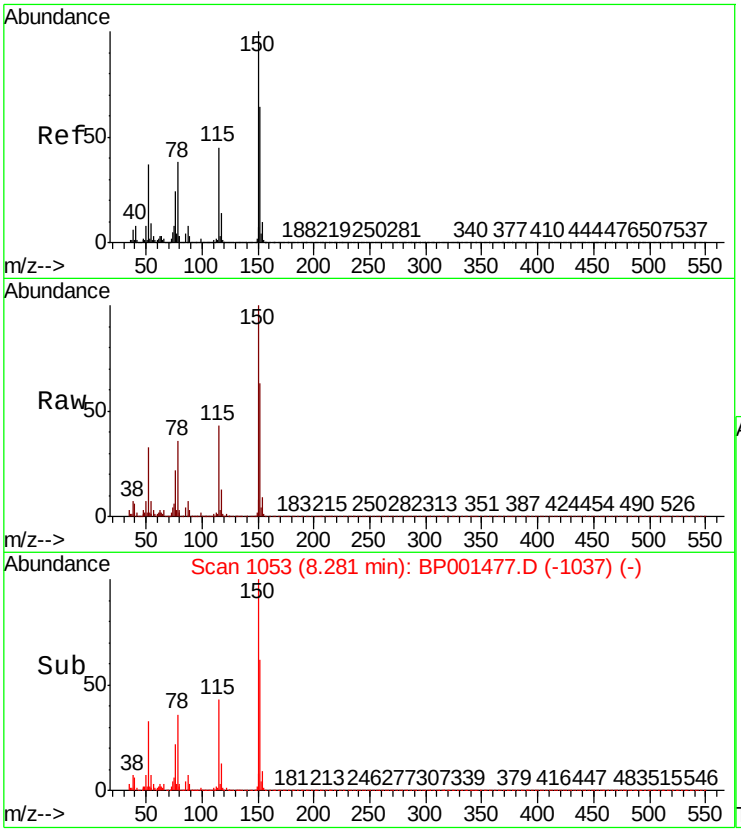


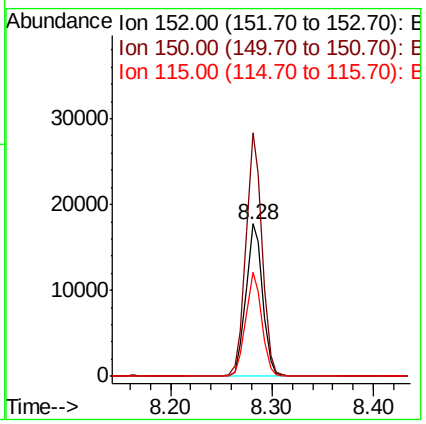


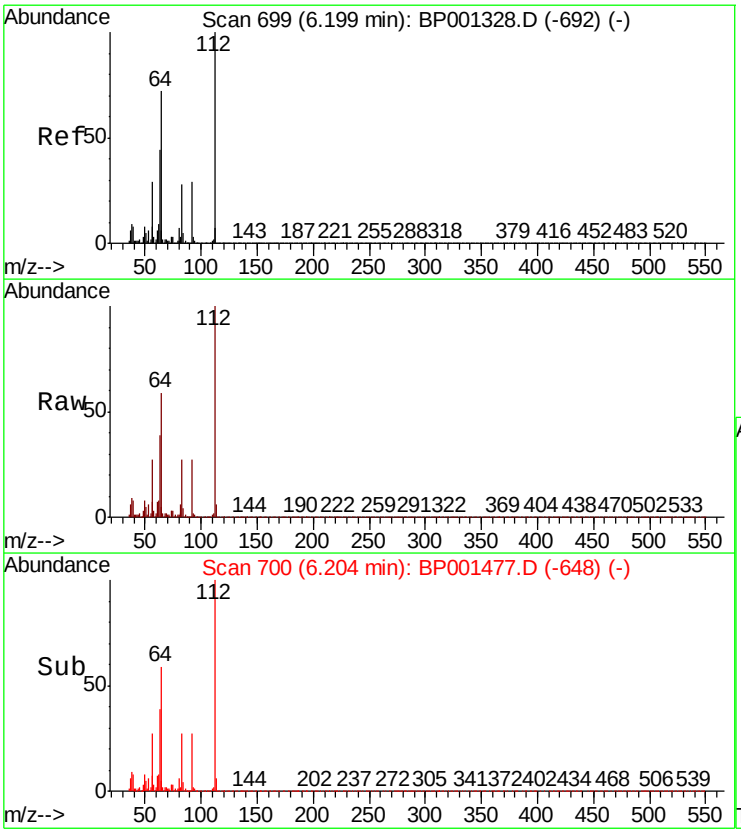
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 20342

Ion	Ratio	Lower	Upper
152	100		
150	160.0	127.0	190.6
115	68.3	56.1	84.1

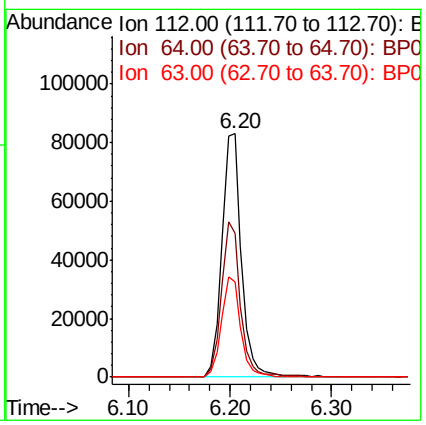


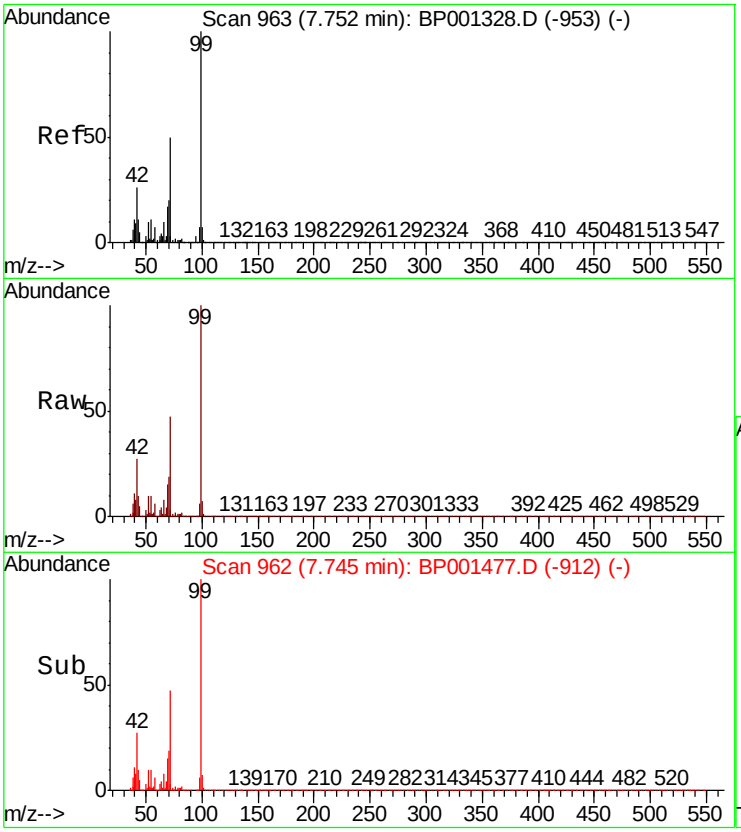


#5
2-Fluorophenol
Concen: 88.188 ng
RT: 6.20 min Scan# 700
Delta R.T. 0.01 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

Tgt Ion:112 Resp: 110997

Ion	Ratio	Lower	Upper
112	100		
64	59.2	53.9	80.9
63	39.1	33.4	50.0



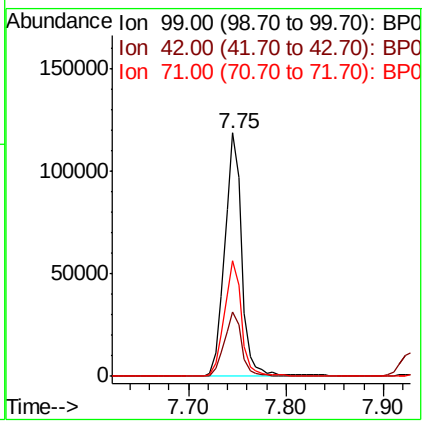


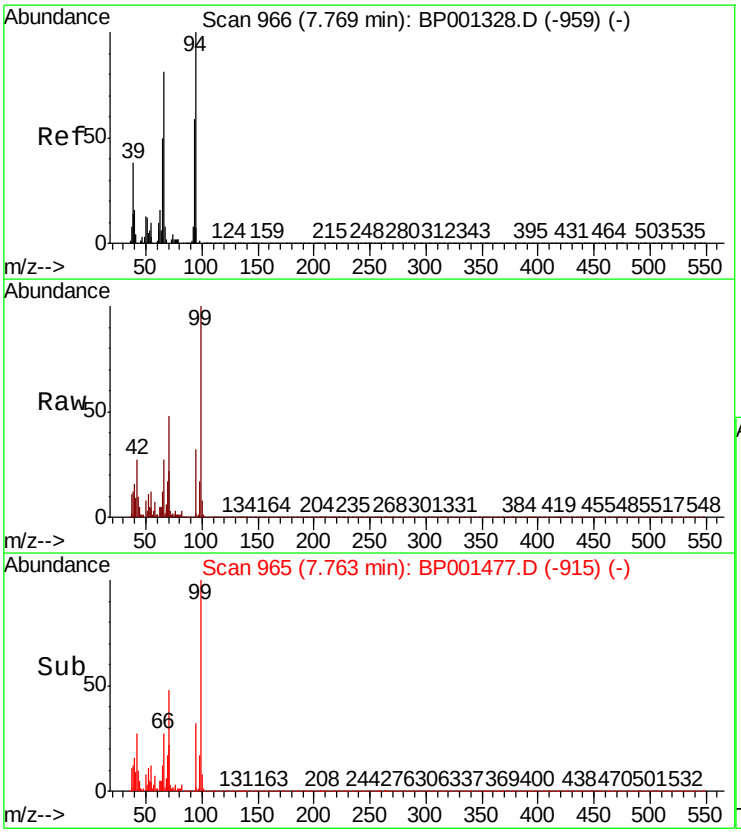
#7
Phenol-d6
Concen: 88.063 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 144632

Ion	Ratio	Lower	Upper
99	100		
42	26.5	20.8	31.2
71	47.4	38.2	57.4

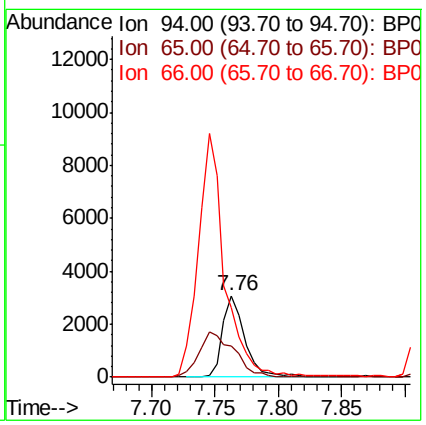


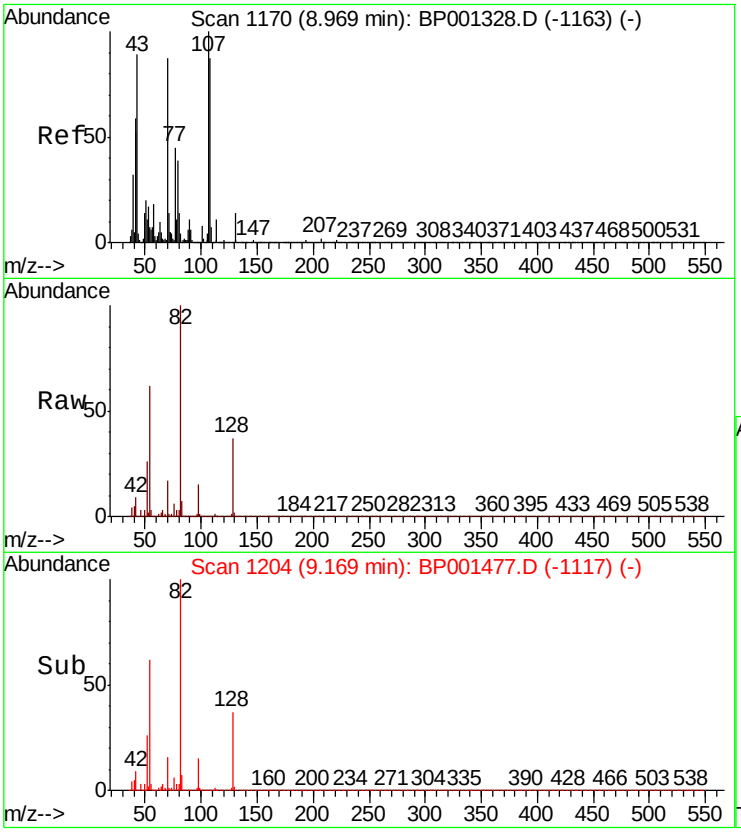


#10
Phenol
Concen: 2.000 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

Tgt Ion: 94 Resp: 3754

Ion	Ratio	Lower	Upper
94	100		
65	38.8	29.6	69.6
66	84.8	62.3	102.3



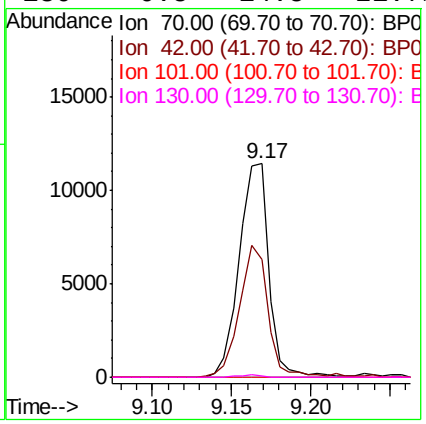


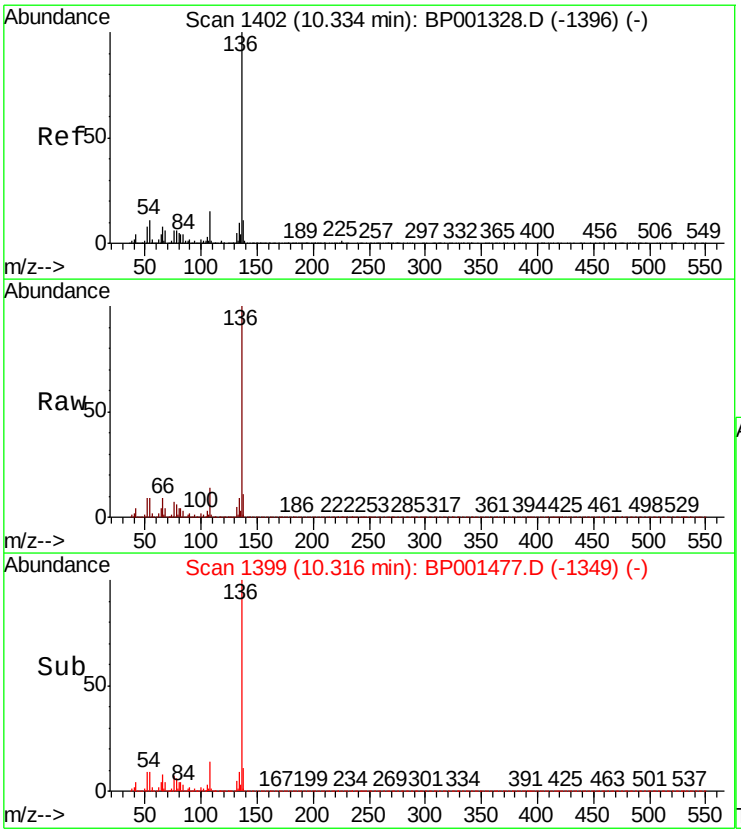
#19
n-Nitroso-di-n-propylamine
Concen: 12.684 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.21 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 14788

Ion	Ratio	Lower	Upper
70	100		
42	54.9	55.8	83.8#
101	0.1	8.2	12.2#
130	0.5	14.5	21.7#

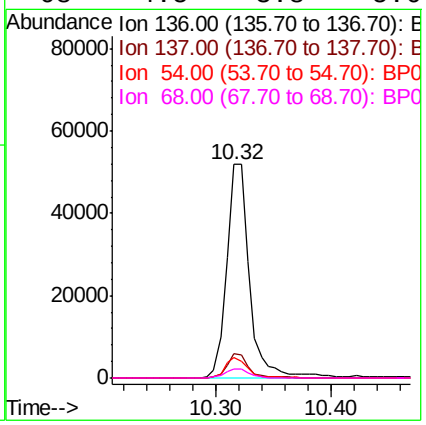


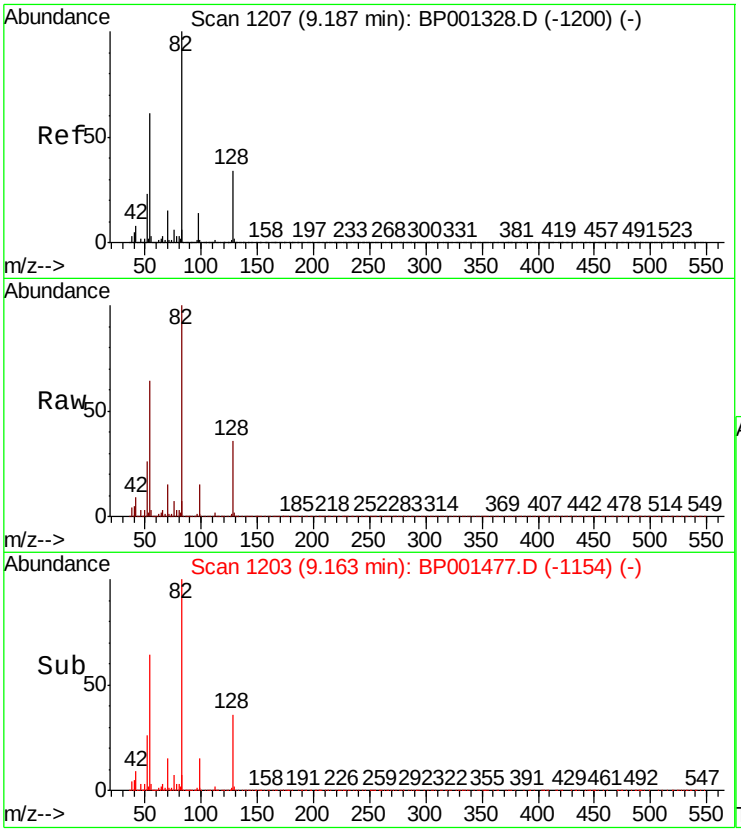


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

Tgt Ion:136 Resp: 70894

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.4	7.3	10.9
68	4.5	3.8	5.6



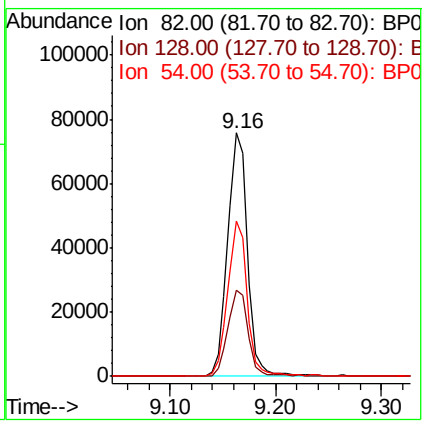


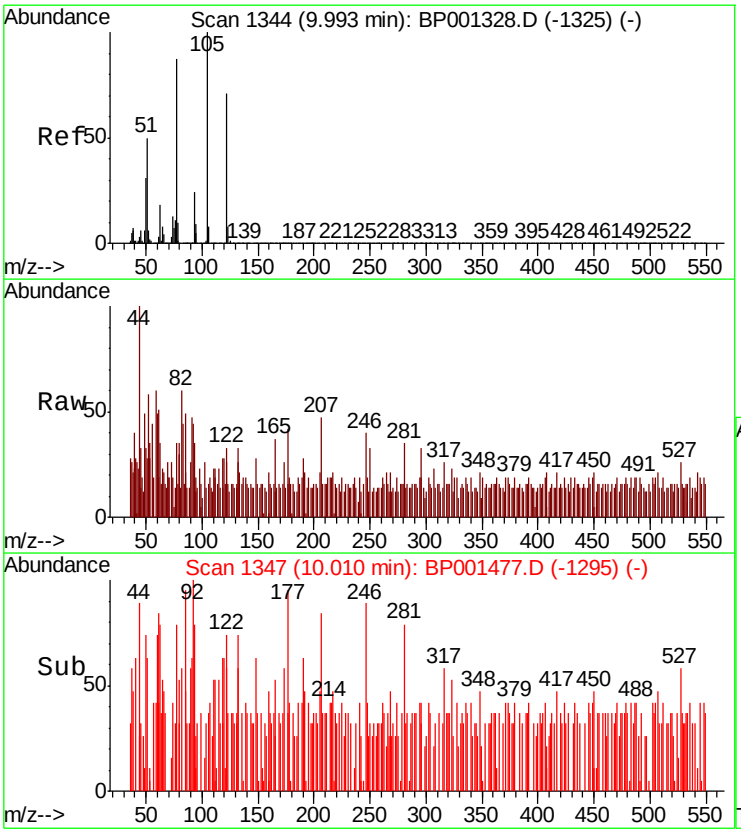
#23
Nitrobenzene-d5
Concen: 53.300 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 98399

Ion	Ratio	Lower	Upper
82	100		
128	35.6	27.4	41.0
54	63.6	47.5	71.3

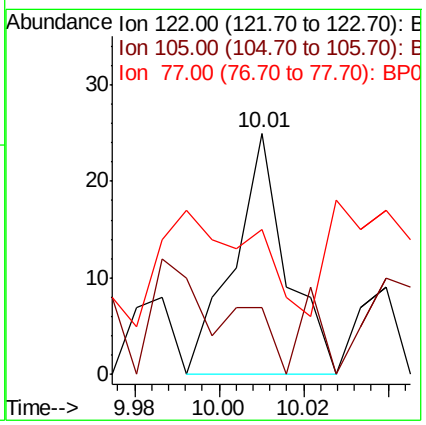


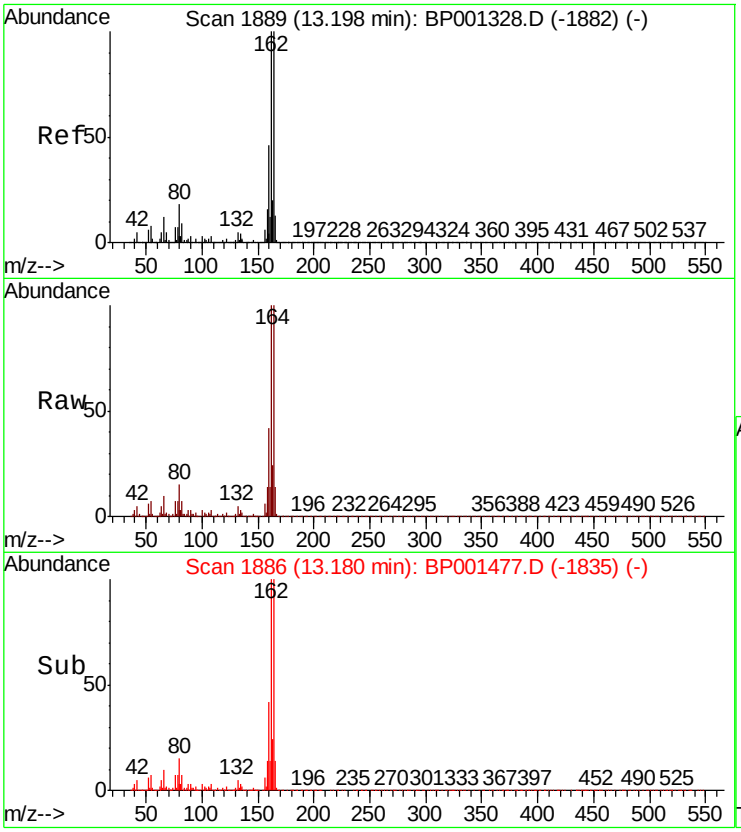


#32
Benzoic acid
Concen: 5.048 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

Tgt Ion:122 Resp: 22

Ion	Ratio	Lower	Upper
122	100		
105	28.0	117.8	157.8#
77	60.0	85.6	125.6#



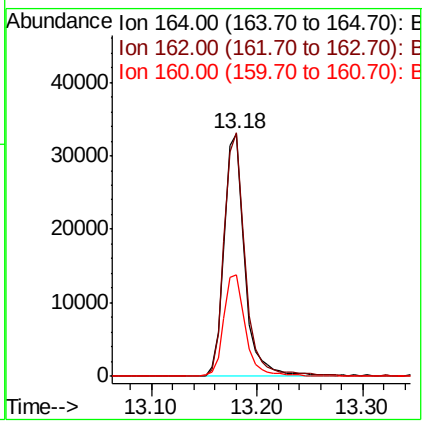


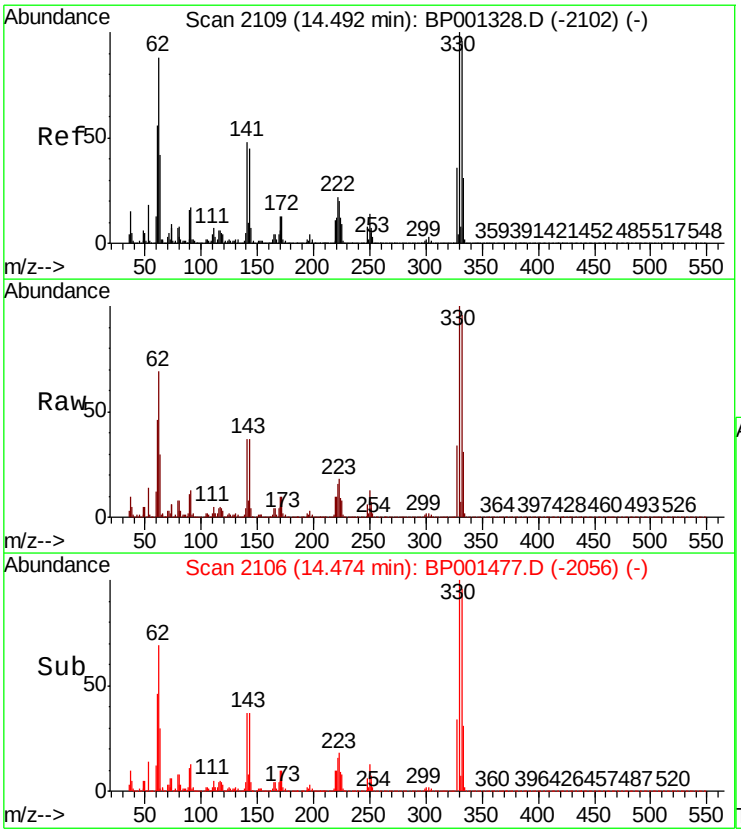
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.18 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 44705

Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.2	117.4
160	41.8	35.1	52.7

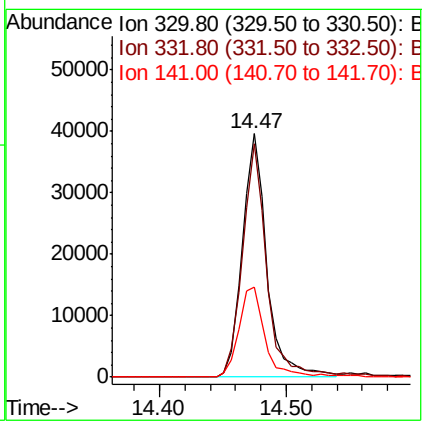


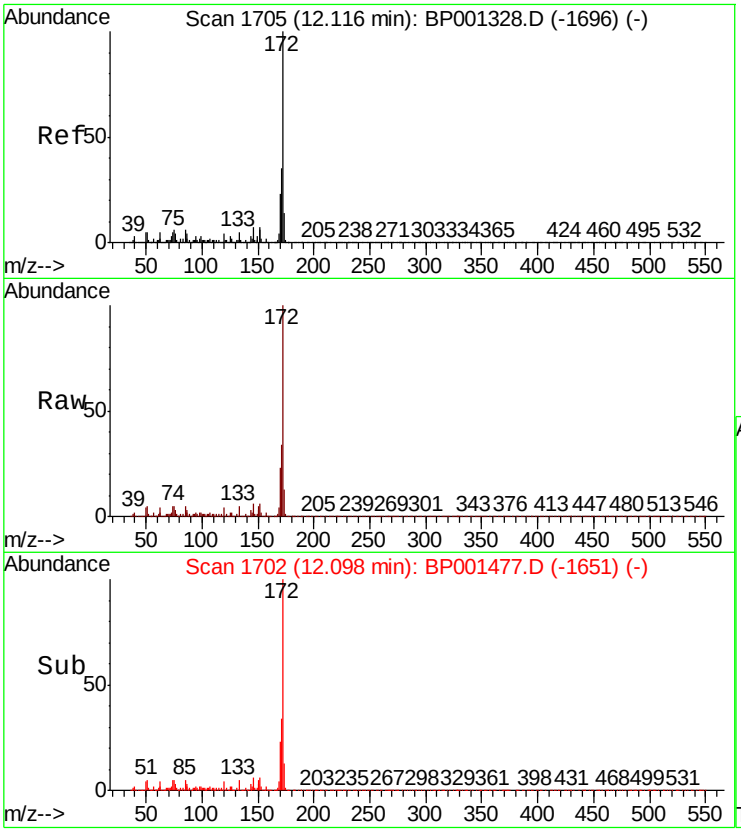


#42
2,4,6-Tribromophenol
Concen: 94.939 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

Tgt Ion:330 Resp: 53063

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.3	117.5
141	39.9	26.8	40.2



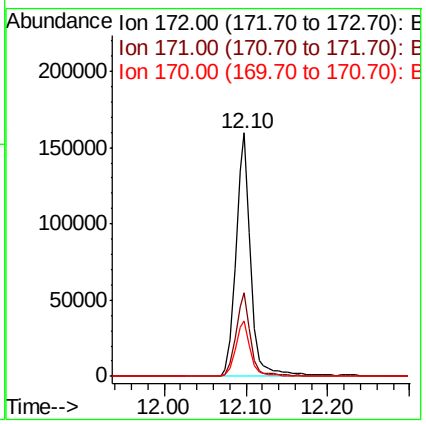


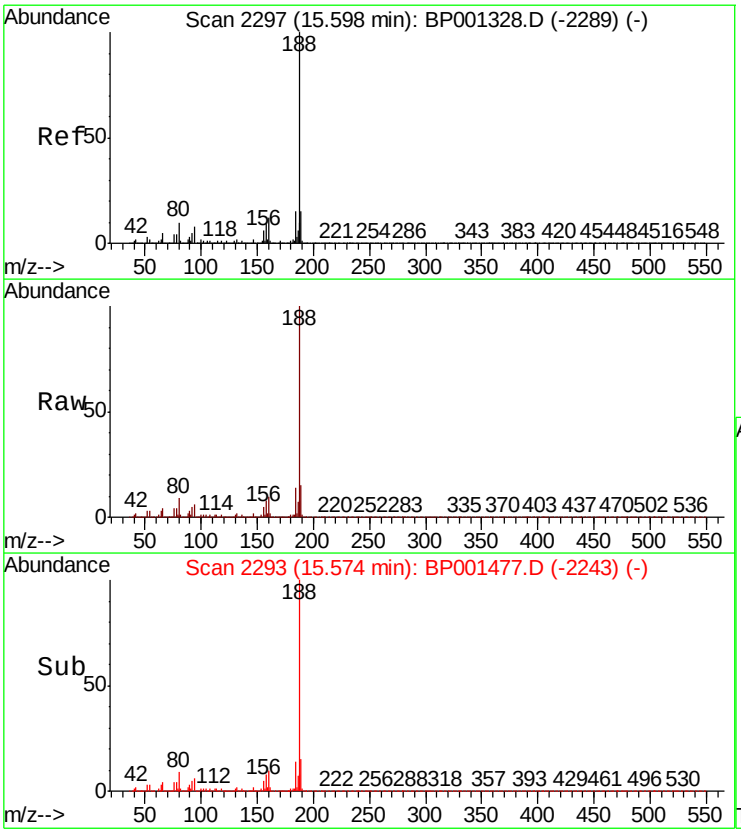
#45
2-Fluorobiphenyl
Concen: 56.640 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 200246

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.4	41.0
170	22.7	18.2	27.4

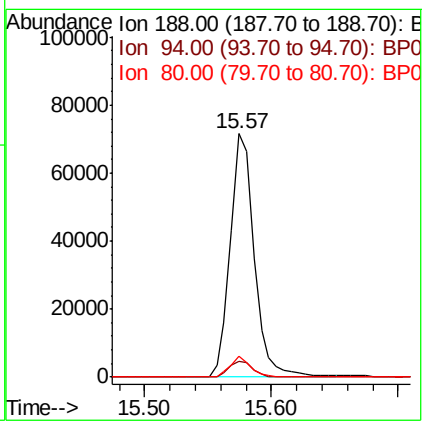


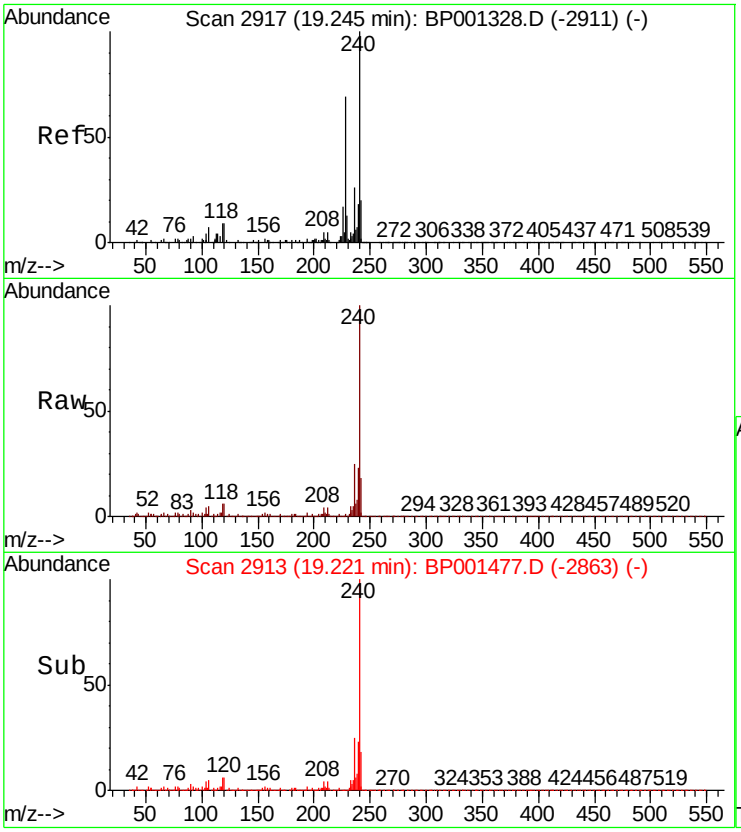


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

Tgt Ion:188 Resp: 93665

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.8	8.8
80	8.6	5.7	8.5#



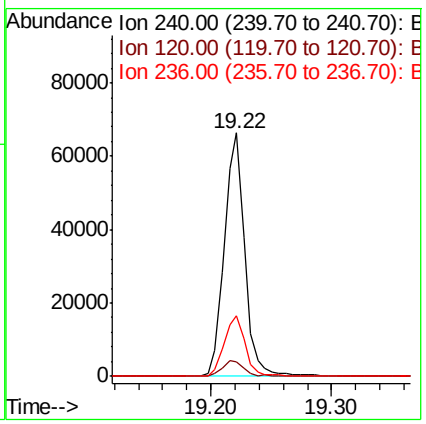


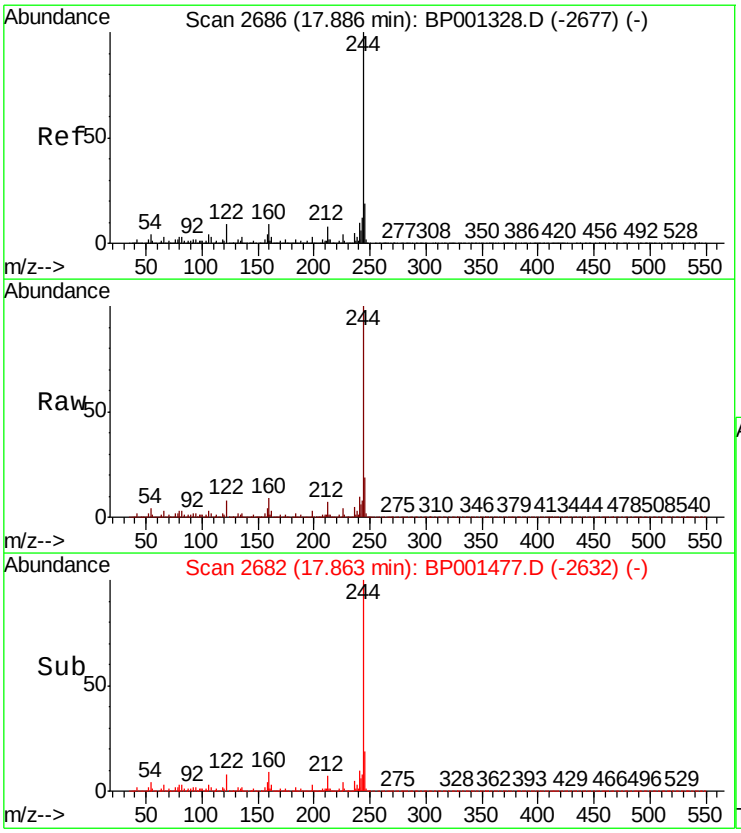
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 77829

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.2	9.2#
236	24.8	20.2	30.2

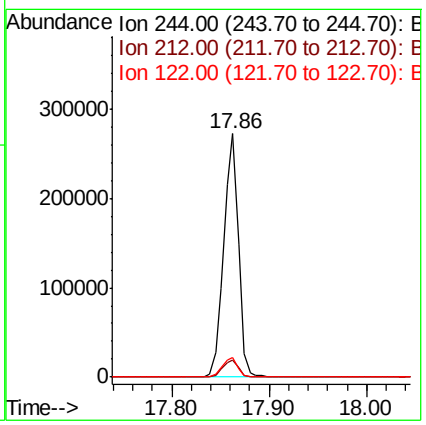


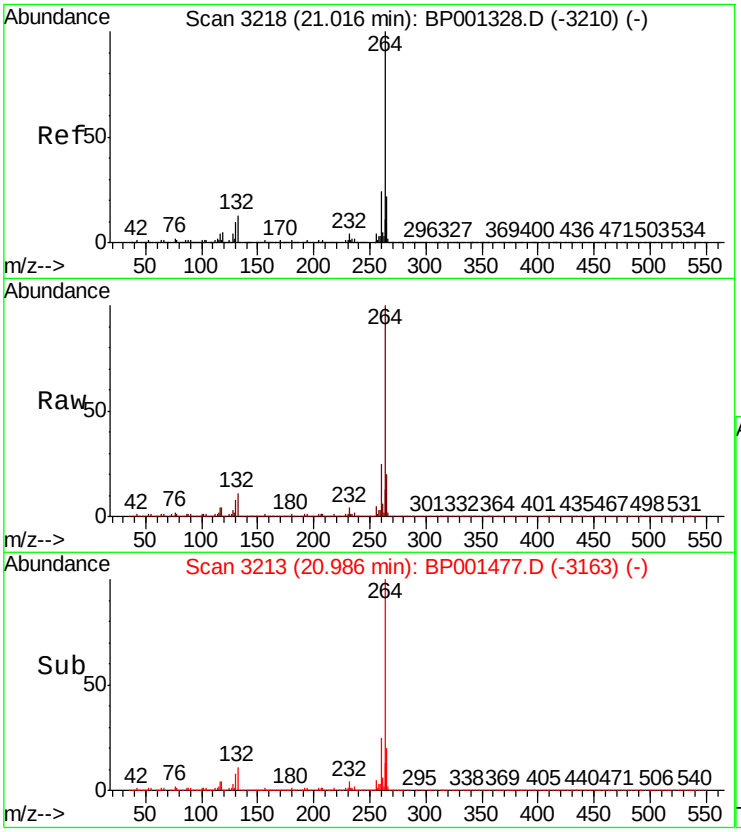


#79
Terphenyl-d14
Concen: 62.820 ng
RT: 17.86 min Scan# 2682
Delta R.T. -0.01 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

Tgt Ion:244 Resp: 285456

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	7.9	6.4	9.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3213
Delta R.T. -0.01 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 81612

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.0	28.4
265	19.7	17.0	25.4