Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001446.D
Acq On : 27 Dec 2019 05:53
Operator : JU
Sample : K6414-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : K183-WC-02

Quant Time: Dec 27 11:46:13 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	8.29	152	28617	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	101973	20.00	ng	0.00
39) Acenaphthene-d10	13.17	164	61715	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	119909	20.00	ng	0.00
76) Chrysene-d12	19.22	240	89024	20.00	ng	0.00
87) Perylene-d12	20.99	264	91422	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	207102	116.96	ng	0.02
7) Phenol-d6	7.75	99	245687	106.34	ng	0.00
23) Nitrobenzene-d5	9.17	82	212337	79.96	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	101873	132.03	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	416799	85.40	ng	0.00
79) Terphenyl-d14	17.86	244	528402	101.66	ng	0.00
Target Compounds						Qvalue

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

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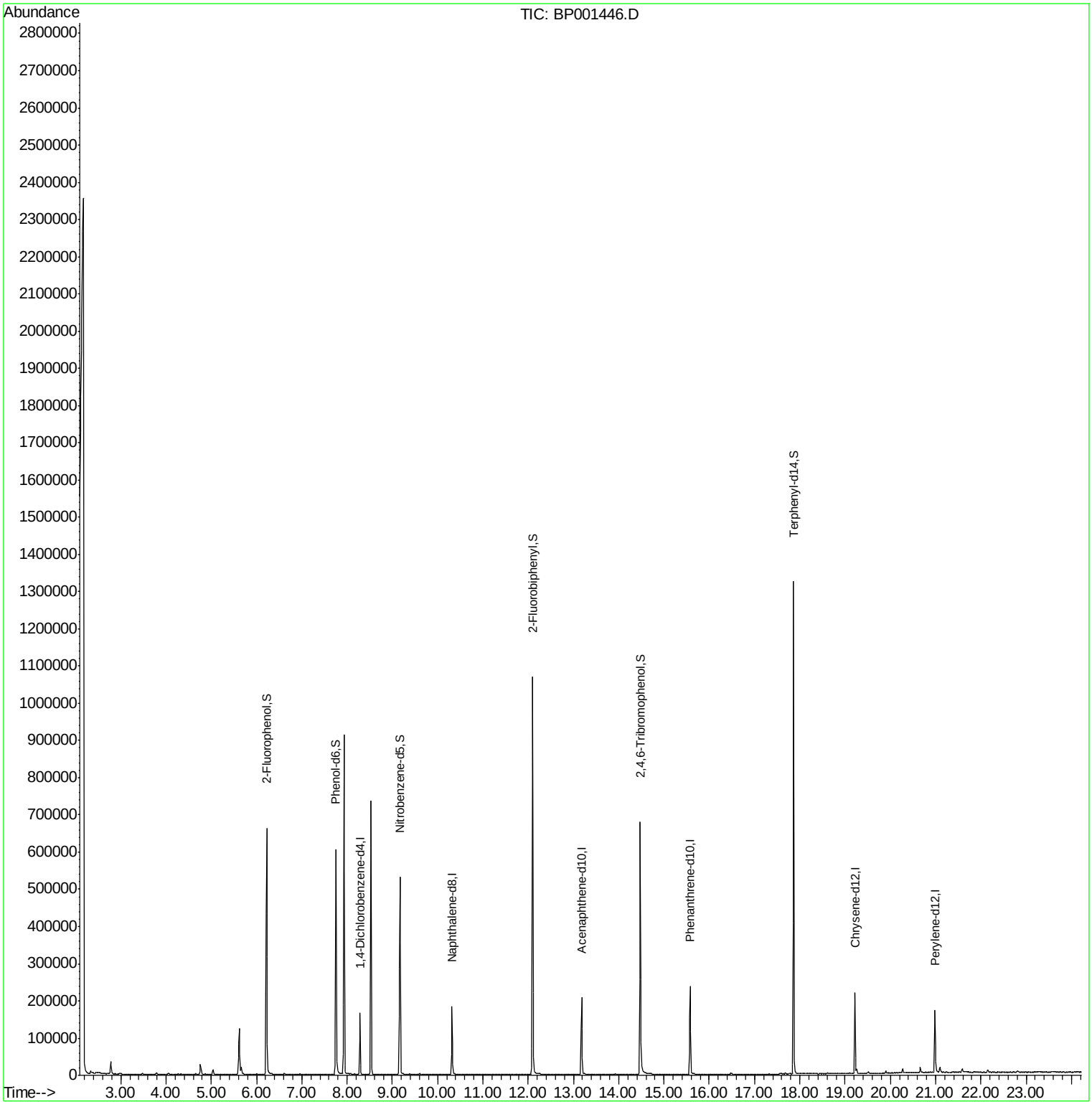
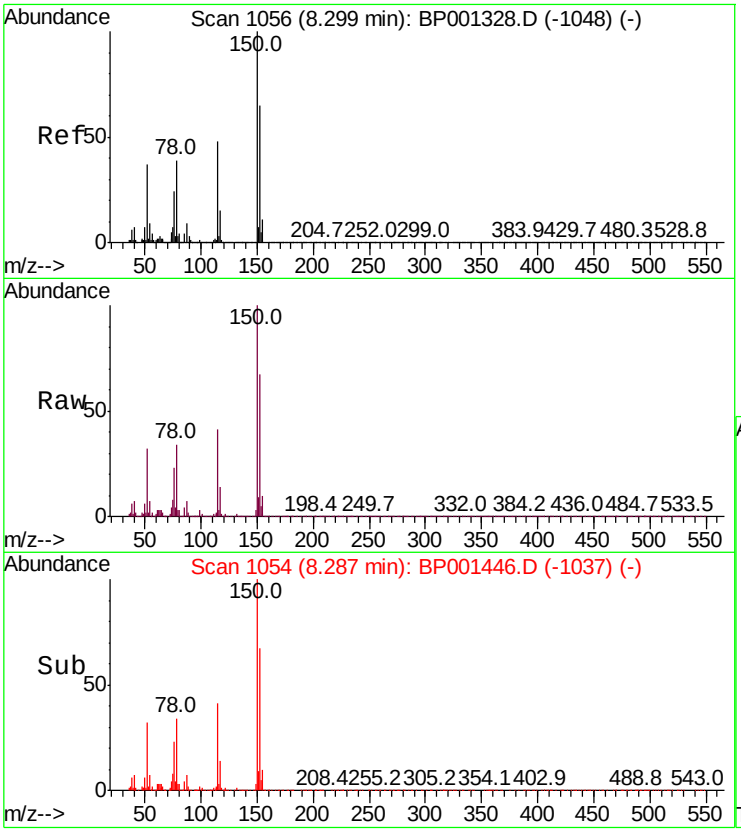


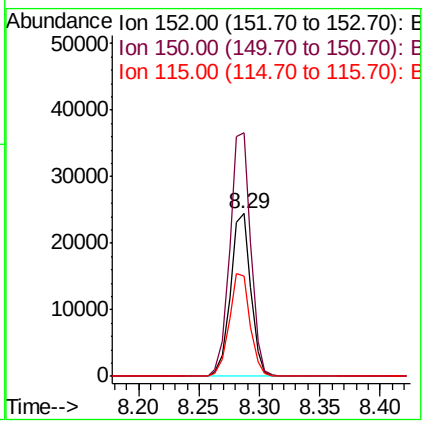


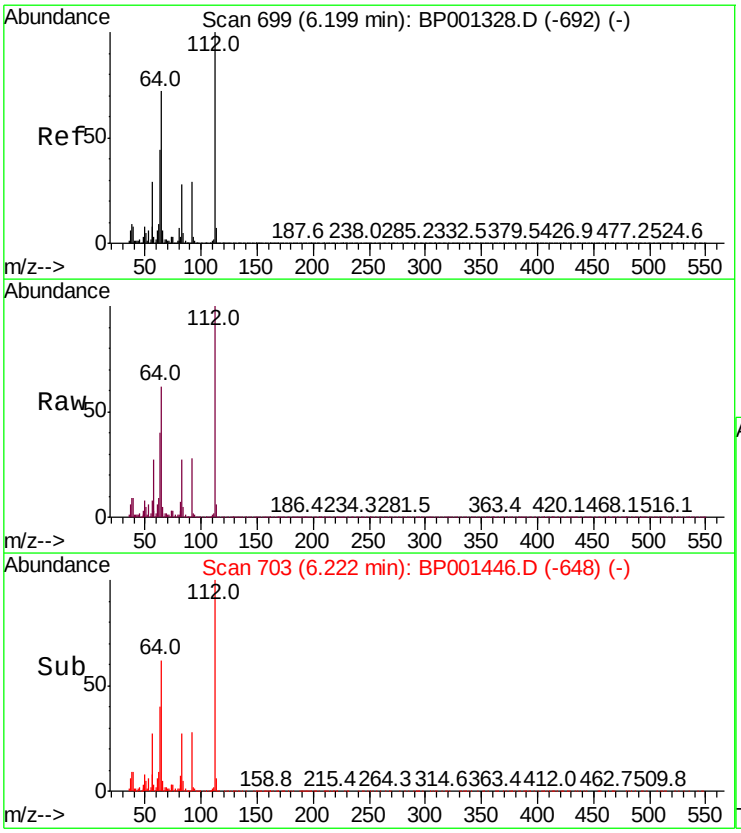
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BP001446.D
Acq: 27 Dec 2019 05:53

Instrument :
BNA_P
ClientSampleId :
K183-WC-02

Tgt Ion:152 Resp: 28617

Ion	Ratio	Lower	Upper
152	100		
150	149.9	127.0	190.6
115	61.4	56.1	84.1

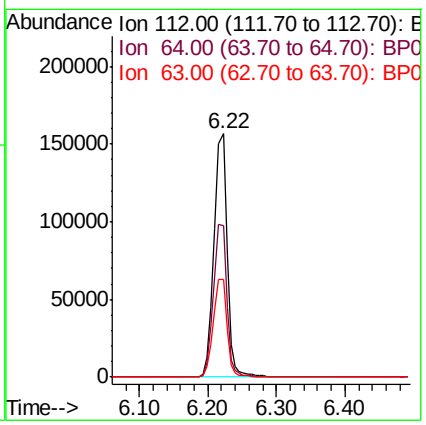


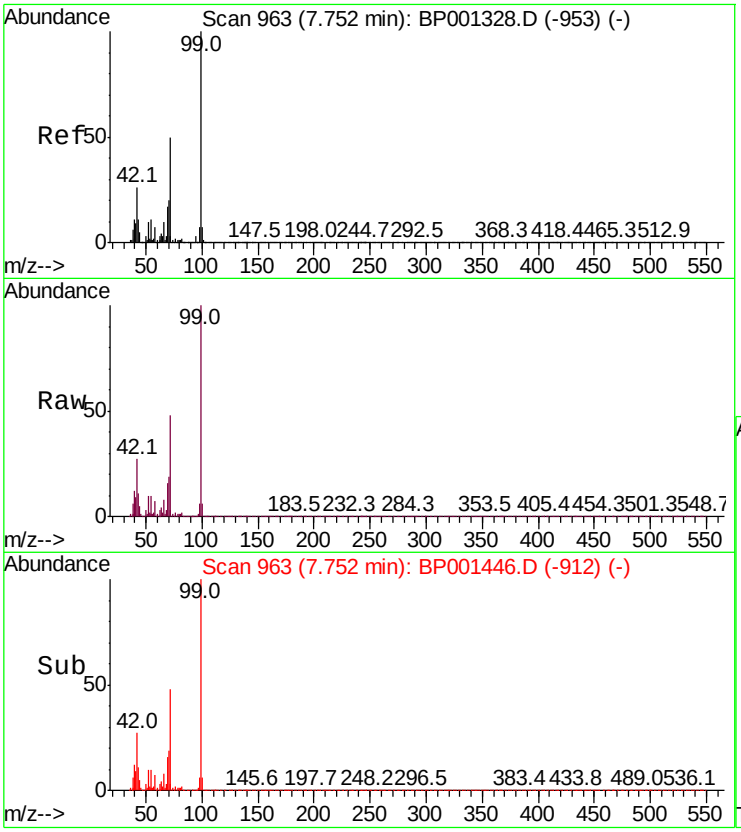


#5
2-Fluorophenol
Concen: 116.964 ng
RT: 6.22 min Scan# 703
Delta R.T. 0.02 min
Lab File: BP001446.D
Acq: 27 Dec 2019 05:53

Tgt Ion:112 Resp: 207102

Ion	Ratio	Lower	Upper
112	100		
64	62.3	53.9	80.9
63	39.9	33.4	50.0



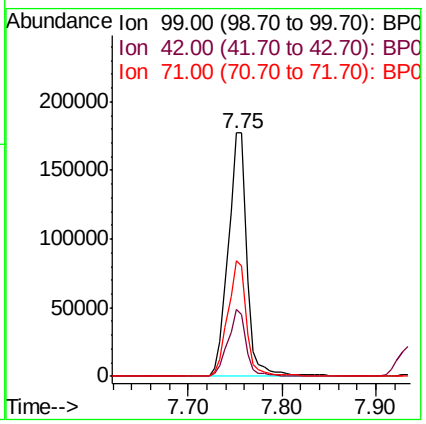


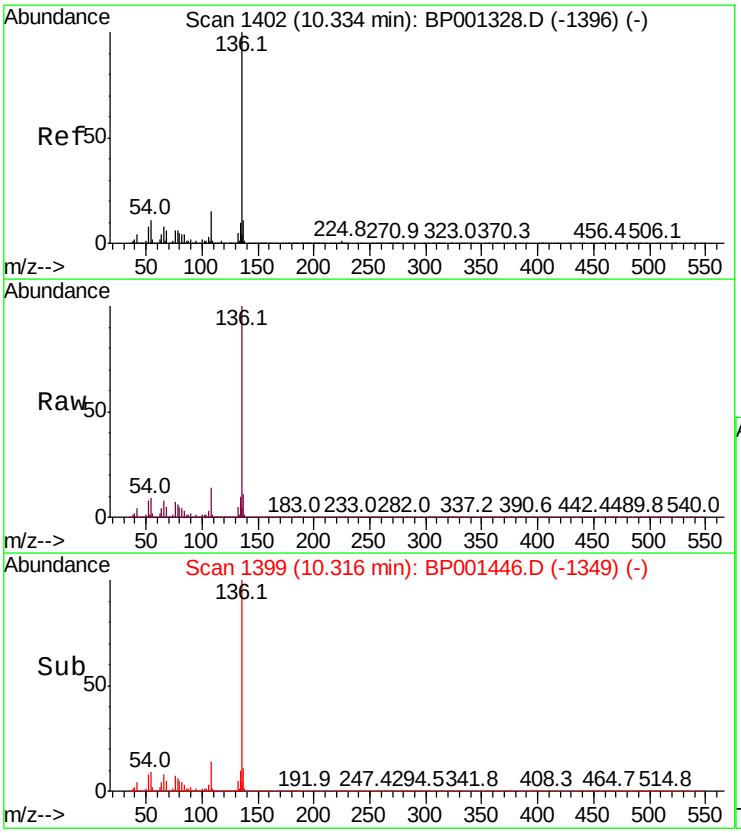
#7
Phenol-d6
Concen: 106.337 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BP001446.D
Acq: 27 Dec 2019 05:53

Instrument :
BNA_P
ClientSampleId :
K183-WC-02

Tgt Ion: 99 Resp: 245687

Ion	Ratio	Lower	Upper
99	100		
42	27.3	20.8	31.2
71	47.6	38.2	57.4

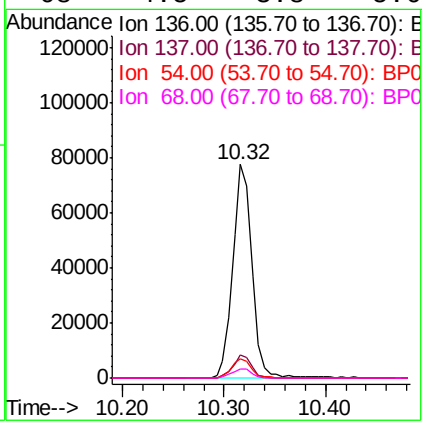


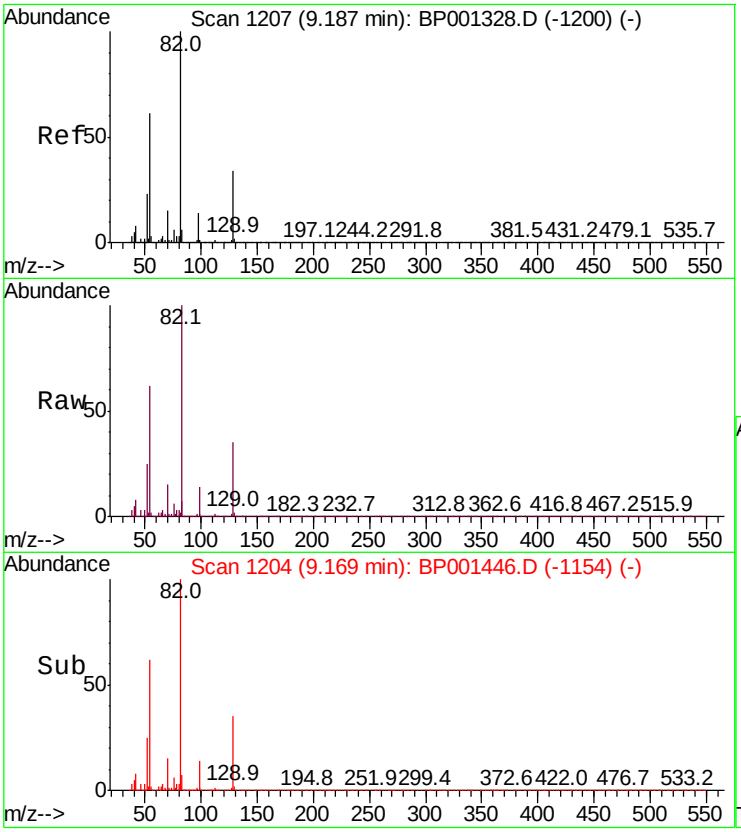


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001446.D
Acq: 27 Dec 2019 05:53

Tgt Ion:136 Resp: 101973

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	9.1	7.3	10.9
68	4.5	3.8	5.6



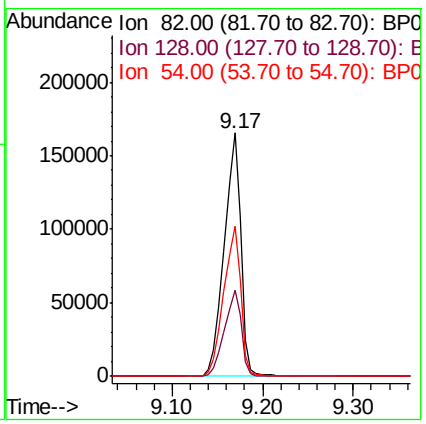


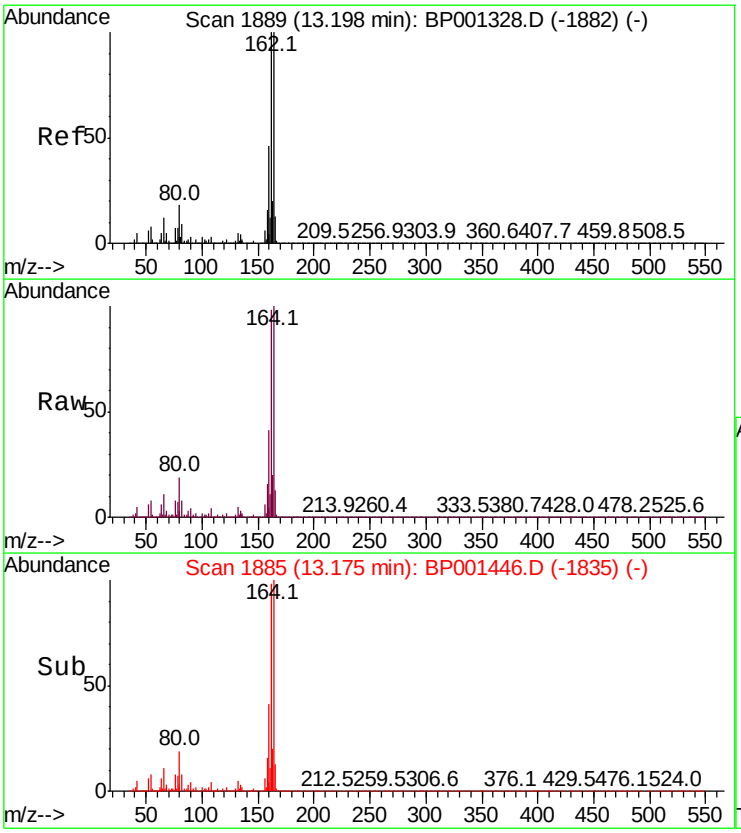
#23
Nitrobenzene-d5
Concen: 79.962 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001446.D
Acq: 27 Dec 2019 05:53

Instrument :
BNA_P
ClientSampleId :
K183-WC-02

Tgt Ion: 82 Resp: 212337

Ion	Ratio	Lower	Upper
82	100		
128	35.3	27.4	41.0
54	61.5	47.5	71.3

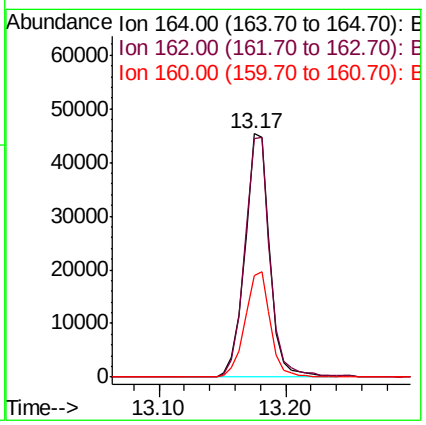


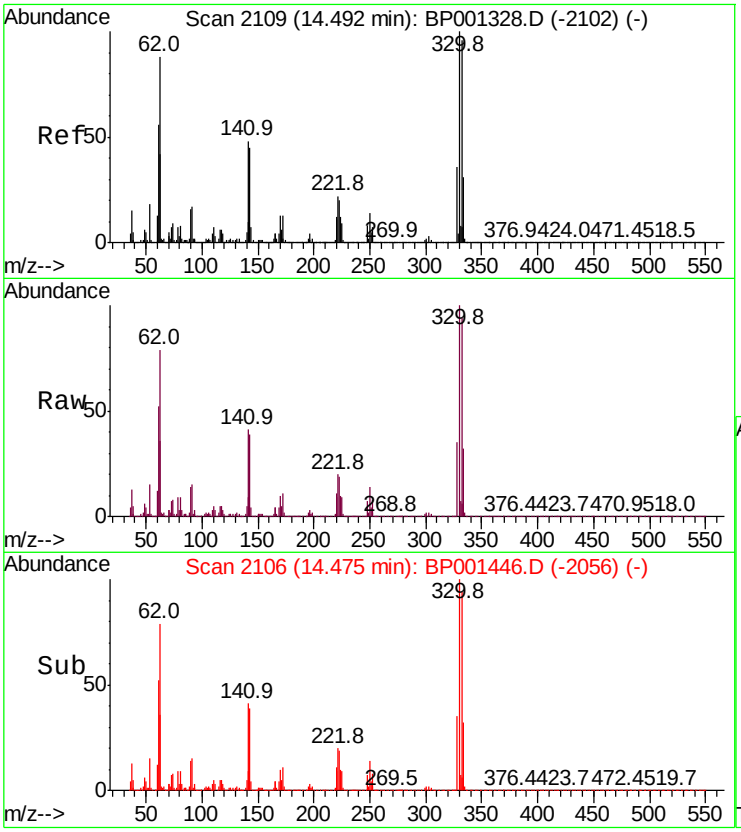


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.17 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BP001446.D
Acq: 27 Dec 2019 05:53

Tgt Ion:164 Resp: 61715

Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.2	117.4
160	41.5	35.1	52.7



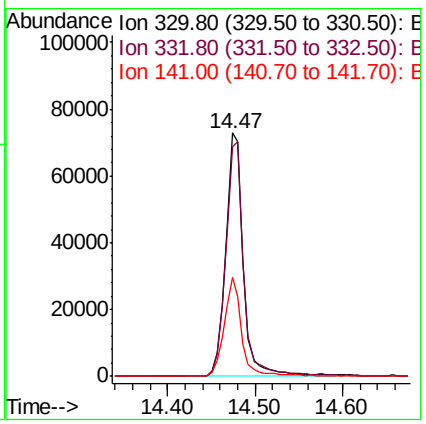


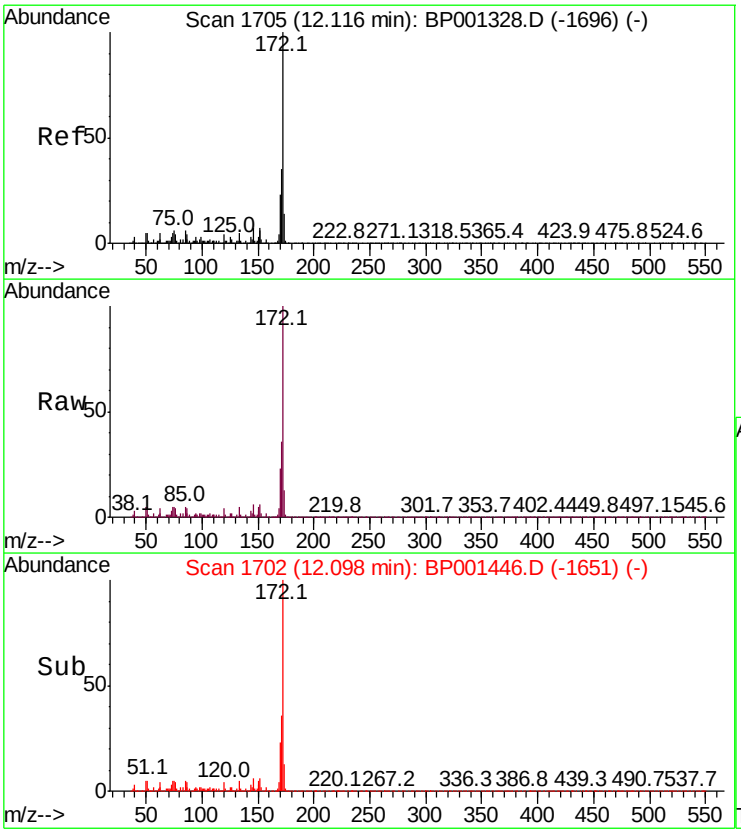
#42
2,4,6-Tribromophenol
Concen: 132.032 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP001446.D
Acq: 27 Dec 2019 05:53

Instrument :
BNA_P
ClientSampleId :
K183-WC-02

Tgt Ion:330 Resp: 101873

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.3	117.5
141	39.3	26.8	40.2

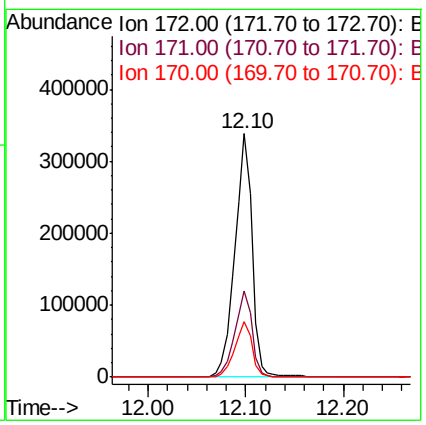


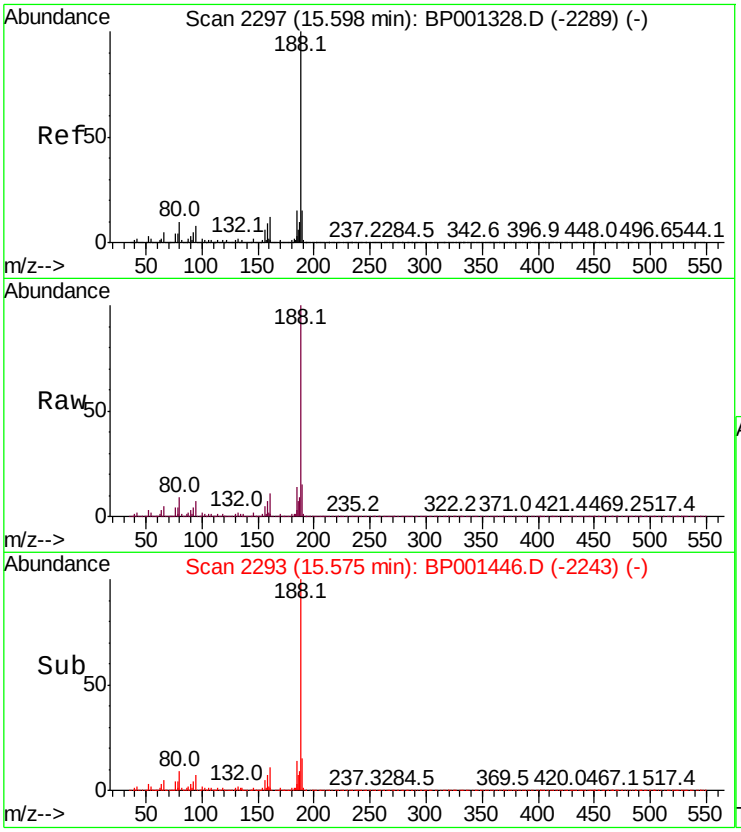


#45
2-Fluorobiphenyl
Concen: 85.398 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001446.D
Acq: 27 Dec 2019 05:53

Tgt Ion:172 Resp: 416799

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.4	41.0
170	23.0	18.2	27.4



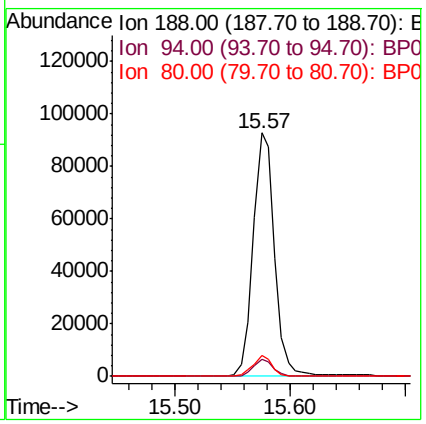


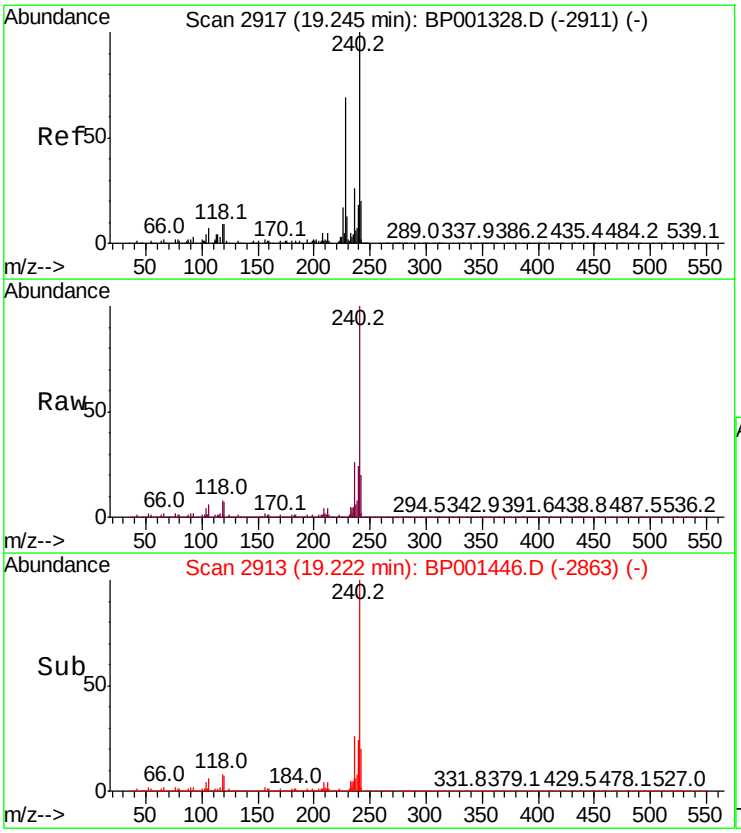
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BP001446.D
Acq: 27 Dec 2019 05:53

Instrument :
BNA_P
ClientSampleId :
K183-WC-02

Tgt Ion:188 Resp: 119909

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.8	8.8
80	8.6	5.7	8.5#

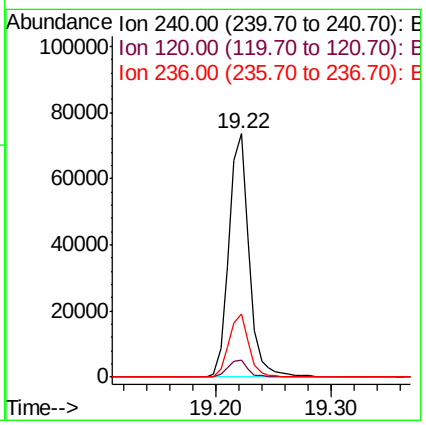


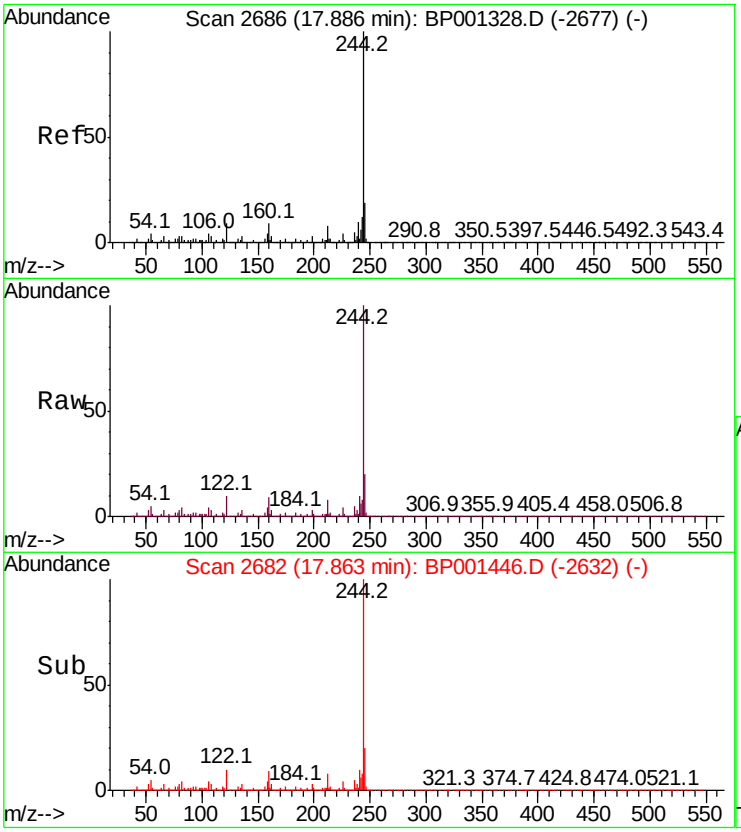


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001446.D
Acq: 27 Dec 2019 05:53

Tgt Ion:240 Resp: 89024

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.2	9.2
236	25.7	20.2	30.2



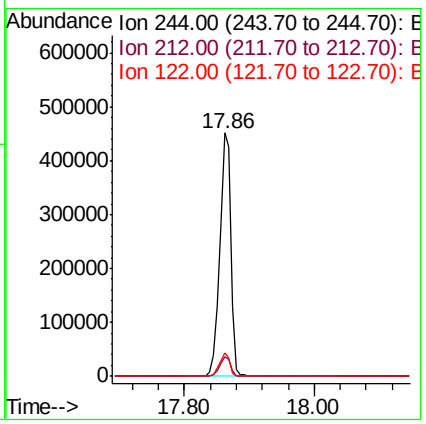


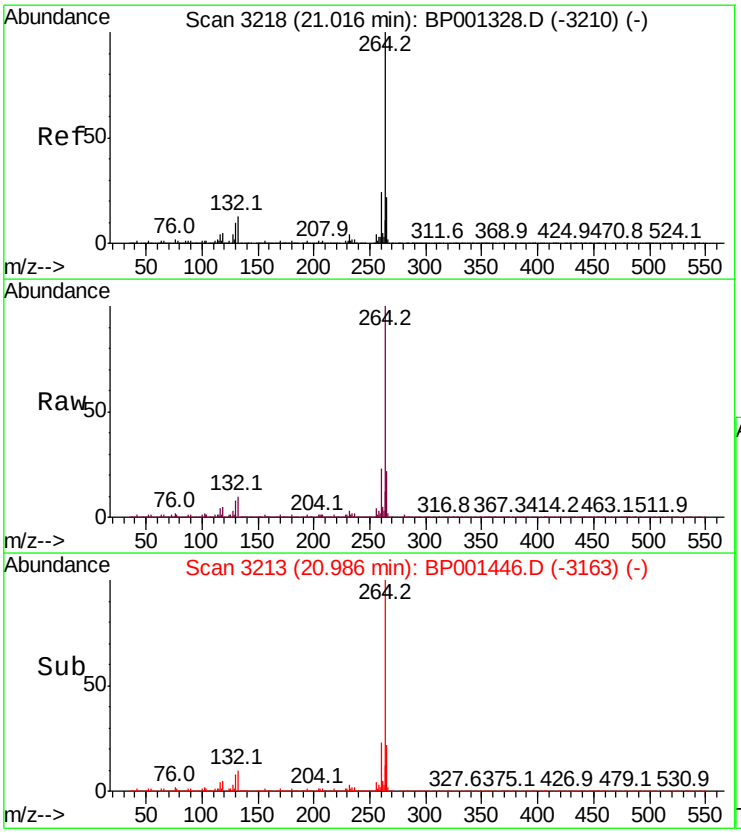
#79
Terphenyl-d14
Concen: 101.661 ng
RT: 17.86 min Scan# 2682
Delta R.T. -0.01 min
Lab File: BP001446.D
Acq: 27 Dec 2019 05:53

Instrument :
BNA_P
ClientSampleId :
K183-WC-02

Tgt Ion:244 Resp: 528402

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	9.8	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: BP001446.D
Acq: 27 Dec 2019 05:53

Tgt Ion:264 Resp: 91422

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.7	17.0	25.4