Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001434.D
Acq On : 26 Dec 2019 21:25
Operator : JU
Sample : K6438-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF004-01

Quant Time: Dec 27 08:21:08 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	27792	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	95652	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	59551	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	116688	20.00	ng	0.00
76) Chrysene-d12	19.22	240	89538	20.00	ng	0.00
87) Perylene-d12	20.99	264	92525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	149979	87.22	ng	0.00
7) Phenol-d6	7.75	99	207451	92.45	ng	0.00
23) Nitrobenzene-d5	9.17	82	143312	57.54	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	69110	92.82	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	280519	59.56	ng	0.00
79) Terphenyl-d14	17.86	244	364176	69.66	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.77	94	5923	2.310	ng	95
50) Dimethylphthalate	12.77	163	9976	2.042	ng	96

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

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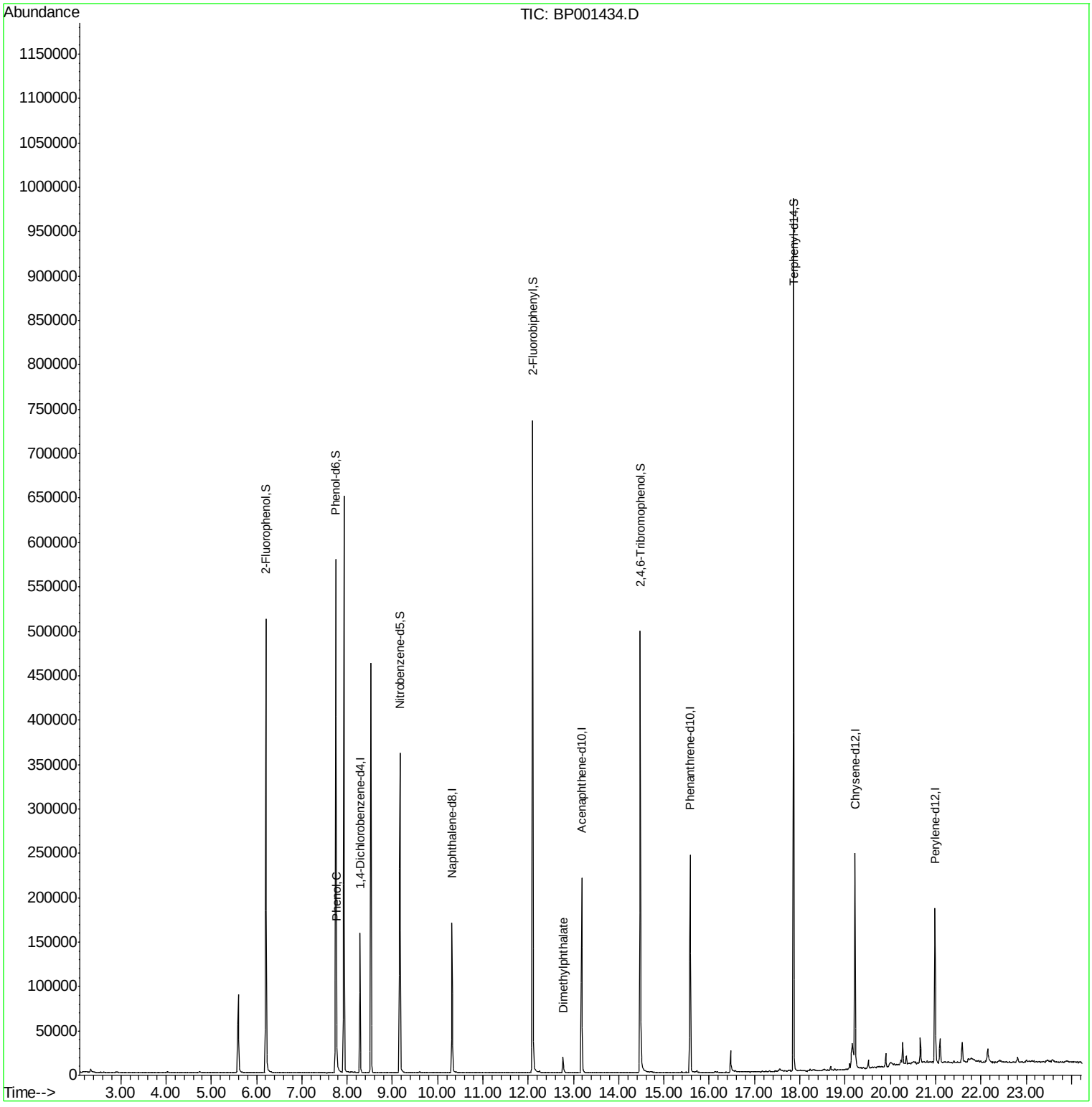
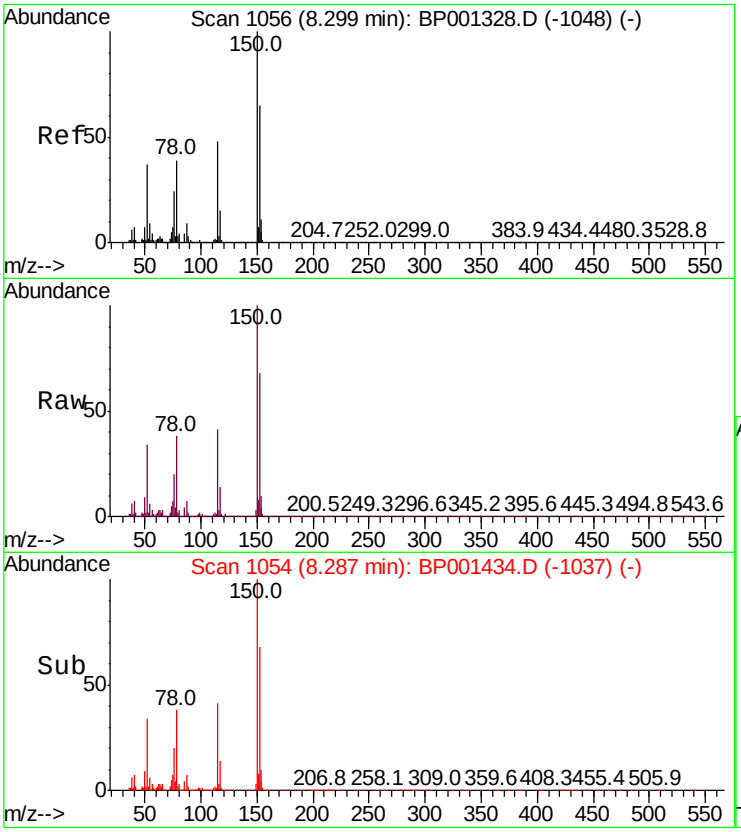


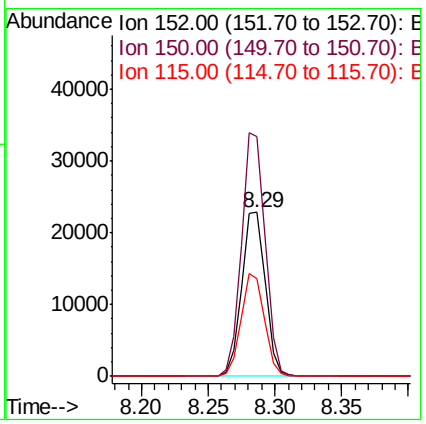


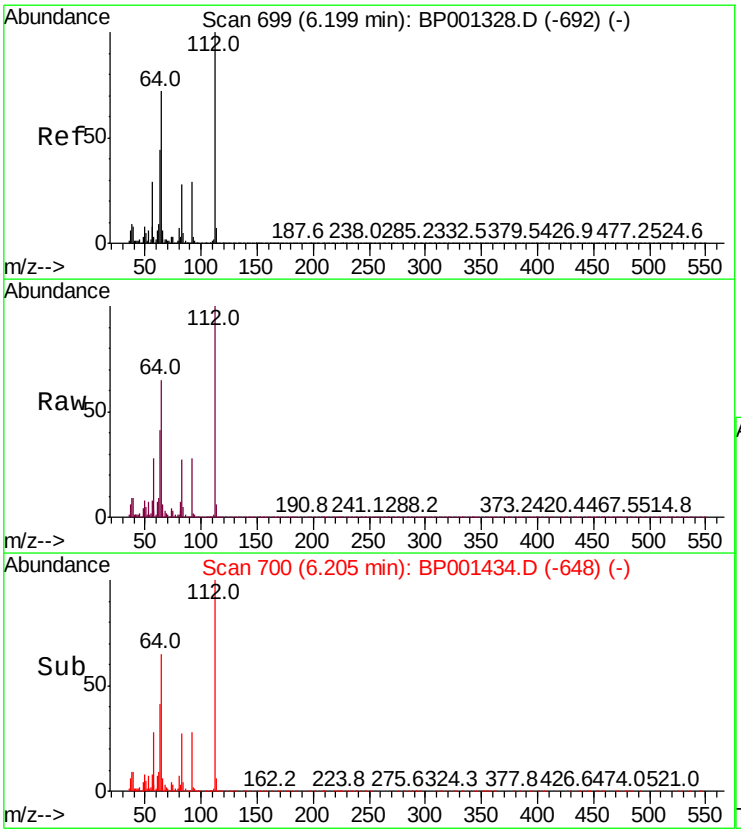
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

Instrument :
BNA_P
ClientSampleId :
DUNR-BF004-01

Tgt Ion:152 Resp: 27792

Ion	Ratio	Lower	Upper
152	100		
150	146.3	127.0	190.6
115	59.5	56.1	84.1

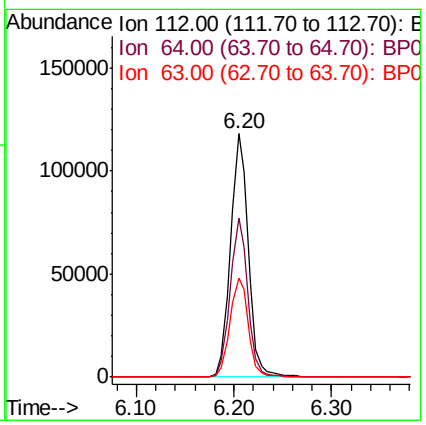


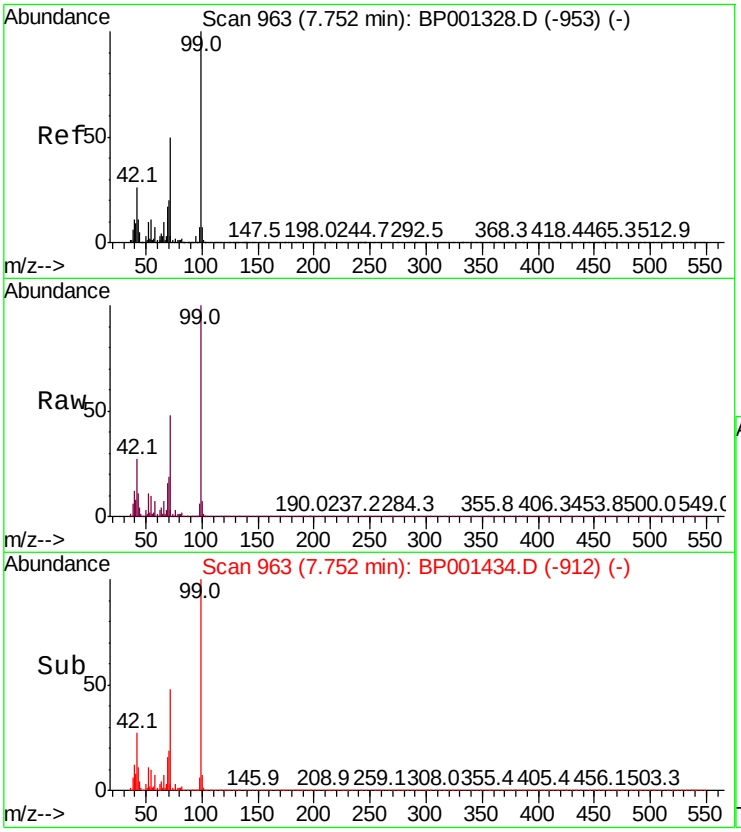


#5
2-Fluorophenol
Concen: 87.217 ng
RT: 6.20 min Scan# 700
Delta R.T. 0.01 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

Tgt Ion:112 Resp: 149979

Ion	Ratio	Lower	Upper
112	100		
64	65.2	53.9	80.9
63	40.7	33.4	50.0



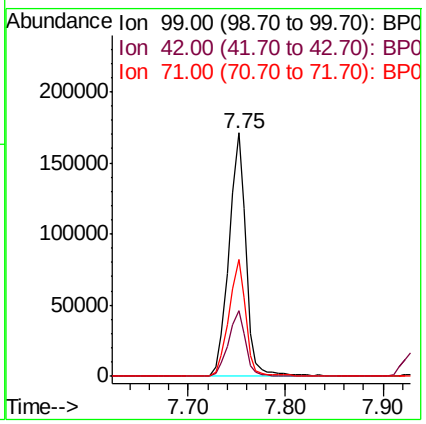


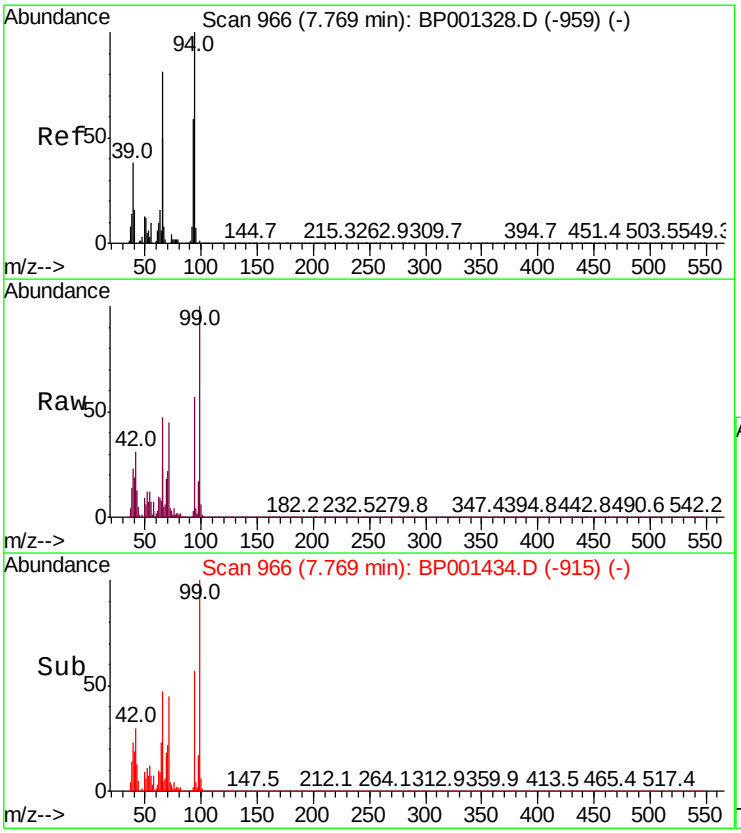
#7
Phenol-d6
Concen: 92.453 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

Instrument :
BNA_P
ClientSampleId :
DUNR-BF004-01

Tgt Ion: 99 Resp: 207451

Ion	Ratio	Lower	Upper
99	100		
42	26.7	20.8	31.2
71	48.2	38.2	57.4

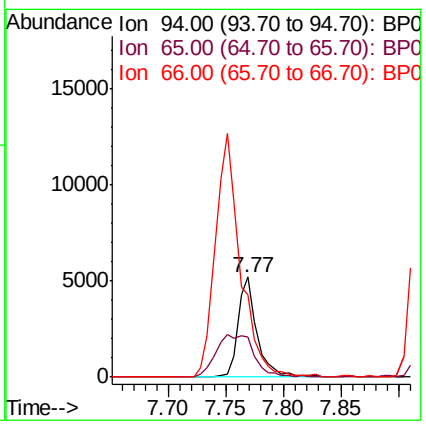


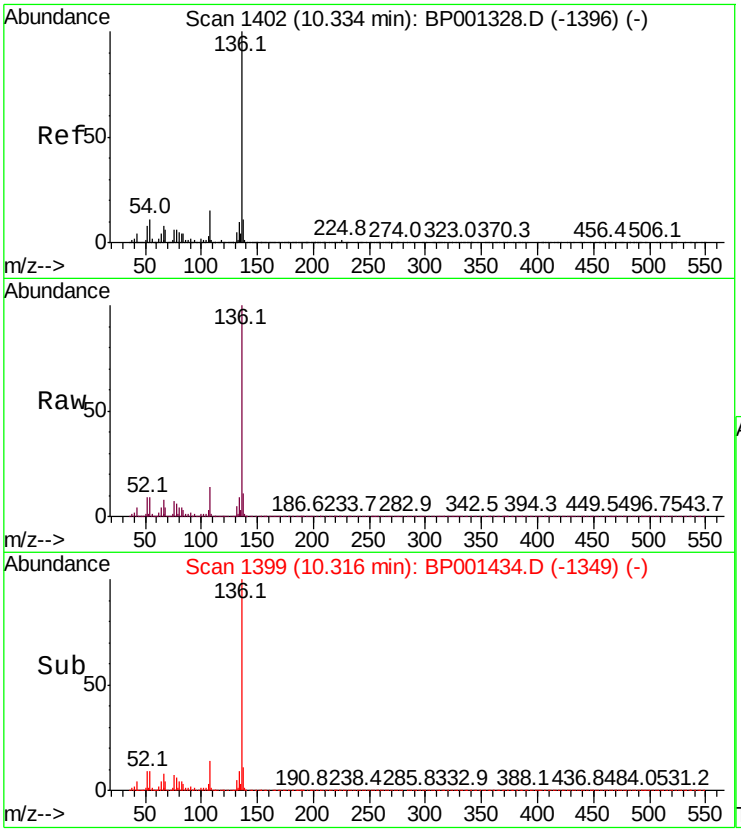


#10
Phenol
Concen: 2.310 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

Tgt Ion: 94 Resp: 5923

Ion	Ratio	Lower	Upper
94	100		
65	40.7	29.6	69.6
66	82.2	62.3	102.3



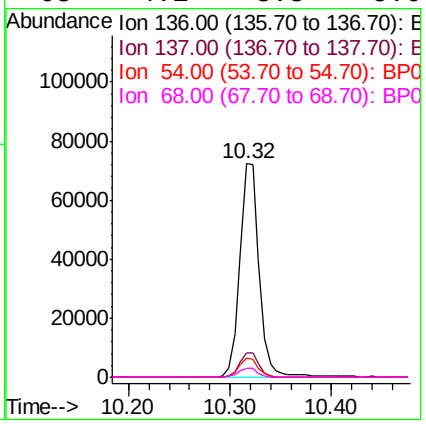


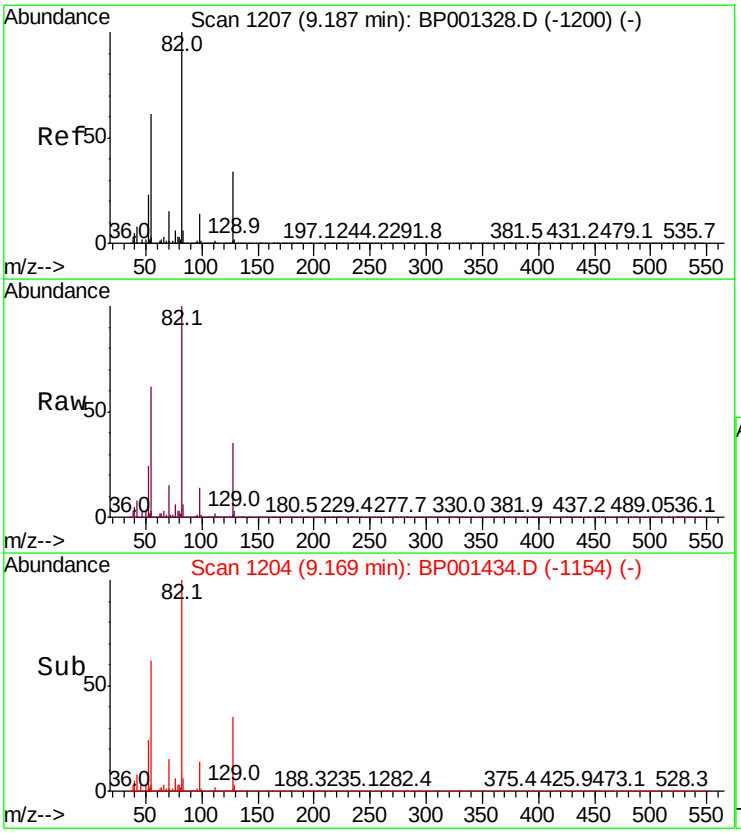
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

Instrument :
BNA_P
ClientSampleId :
DUNR-BF004-01

Tgt Ion:136 Resp: 95652

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	9.2	7.3	10.9
68	4.1	3.8	5.6

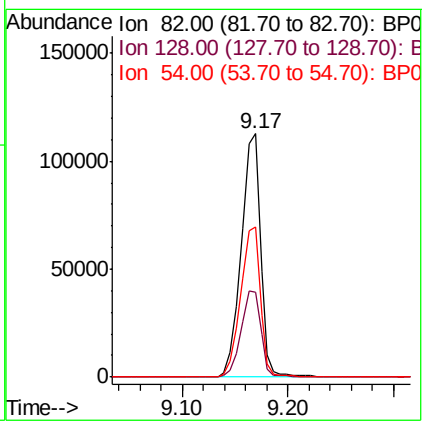


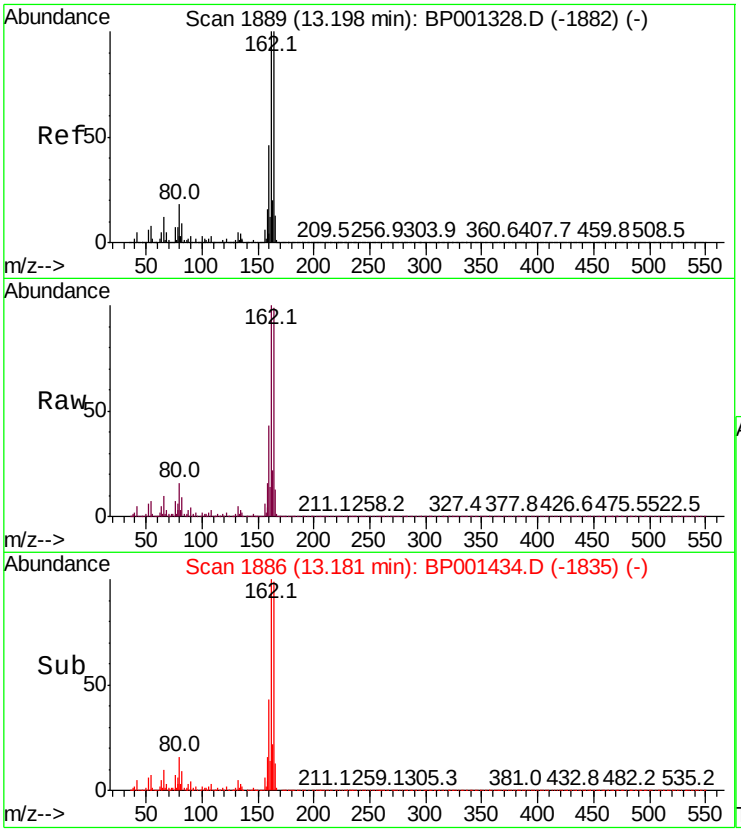


#23
Nitrobenzene-d5
Concen: 57.535 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

Tgt Ion: 82 Resp: 143312

Ion	Ratio	Lower	Upper
82	100		
128	35.1	27.4	41.0
54	61.8	47.5	71.3



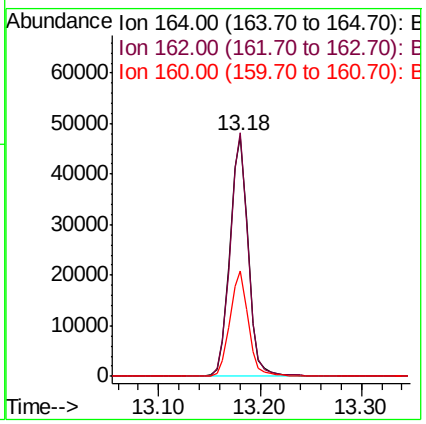


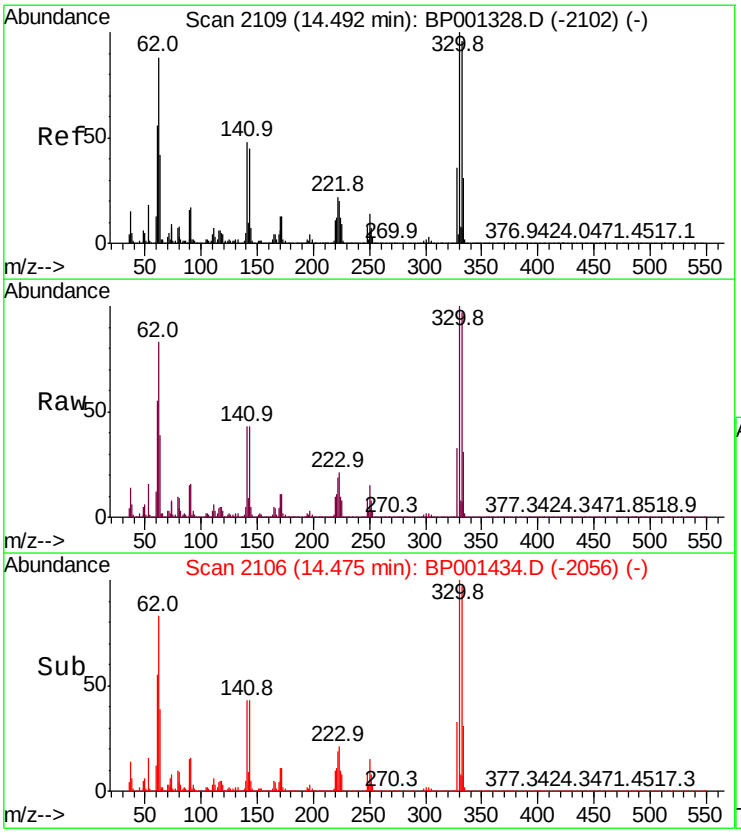
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.18 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

Instrument :
BNA_P
ClientSampleId :
DUNR-BF004-01

Tgt Ion:164 Resp: 59551

Ion	Ratio	Lower	Upper
164	100		
162	101.4	78.2	117.4
160	43.7	35.1	52.7

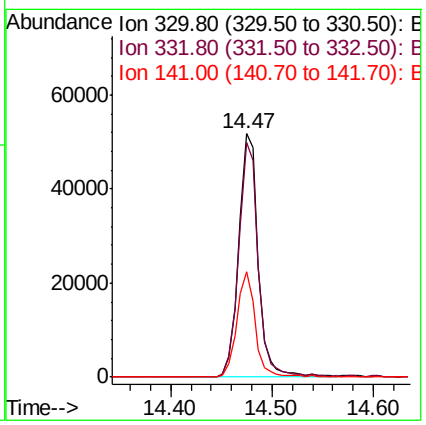


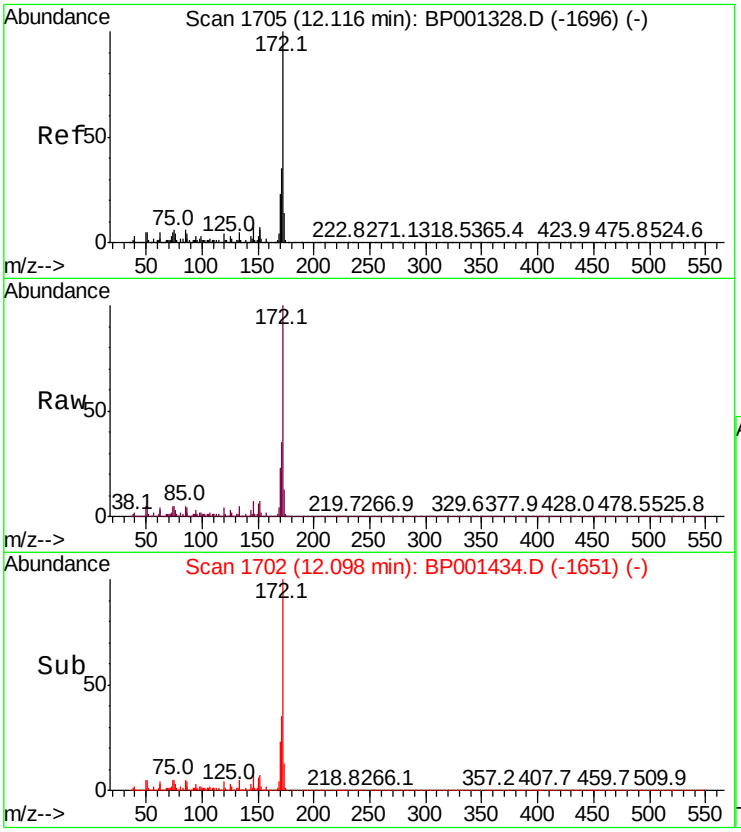


#42
2,4,6-Tribromophenol
Concen: 92.824 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

Tgt Ion:330 Resp: 69110

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.3	117.5
141	41.1	26.8	40.2#



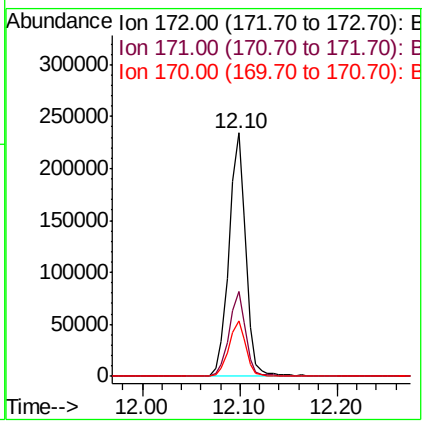


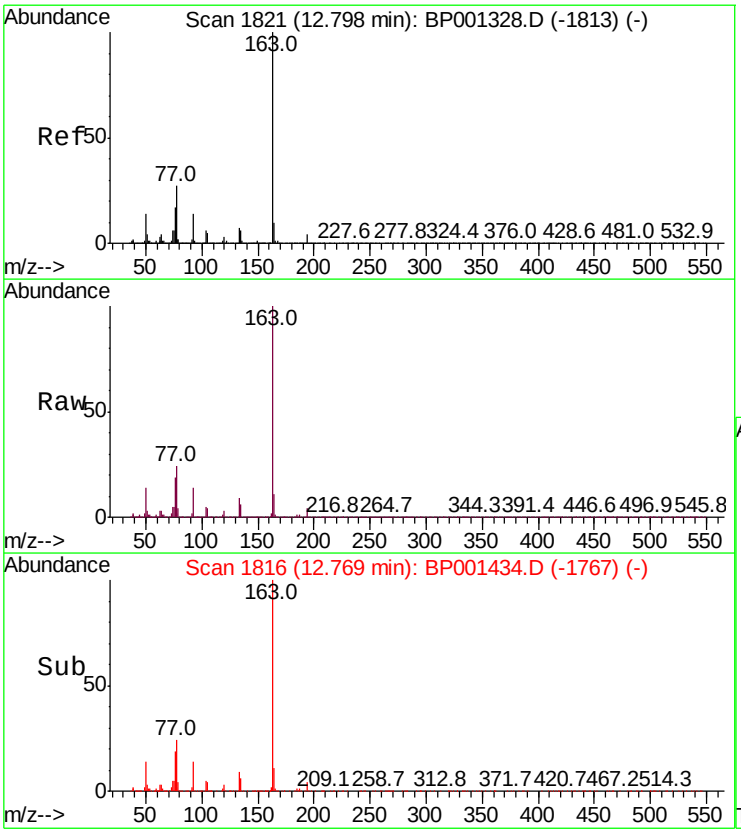
#45
2-Fluorobiphenyl
Concen: 59.564 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

Instrument :
BNA_P
ClientSampleId :
DUNR-BF004-01

Tgt Ion:172 Resp: 280519

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.4	41.0
170	22.7	18.2	27.4

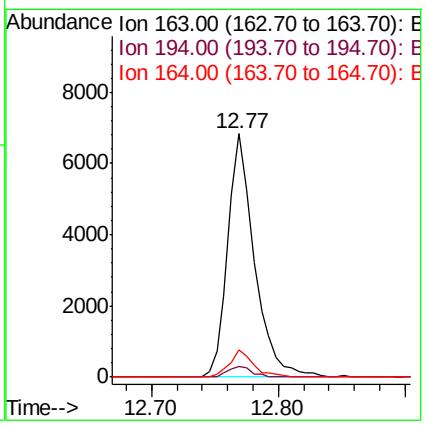


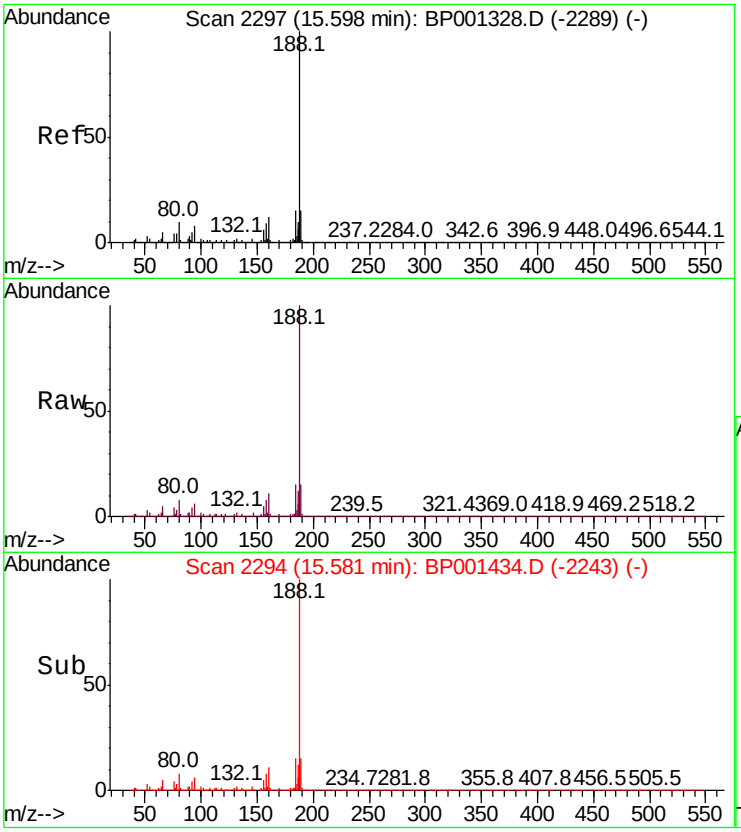


#50
Dimethylphthalate
Concen: 2.042 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

Tgt Ion:163 Resp: 9976

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	11.5	7.7	11.5



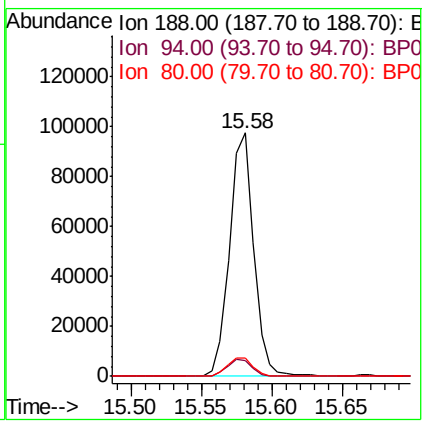


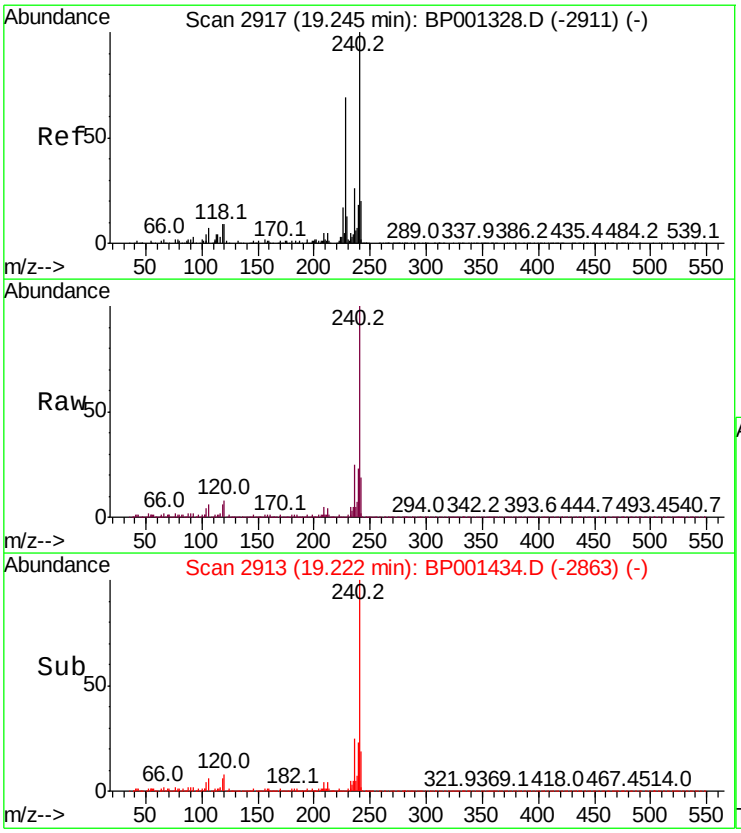
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

Instrument :
BNA_P
ClientSampleId :
DUNR-BF004-01

Tgt Ion:188 Resp: 116688

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.8	8.8
80	7.6	5.7	8.5

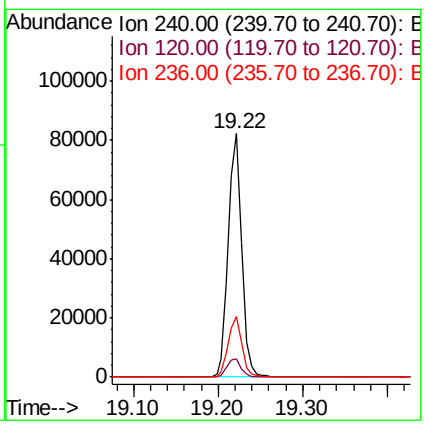


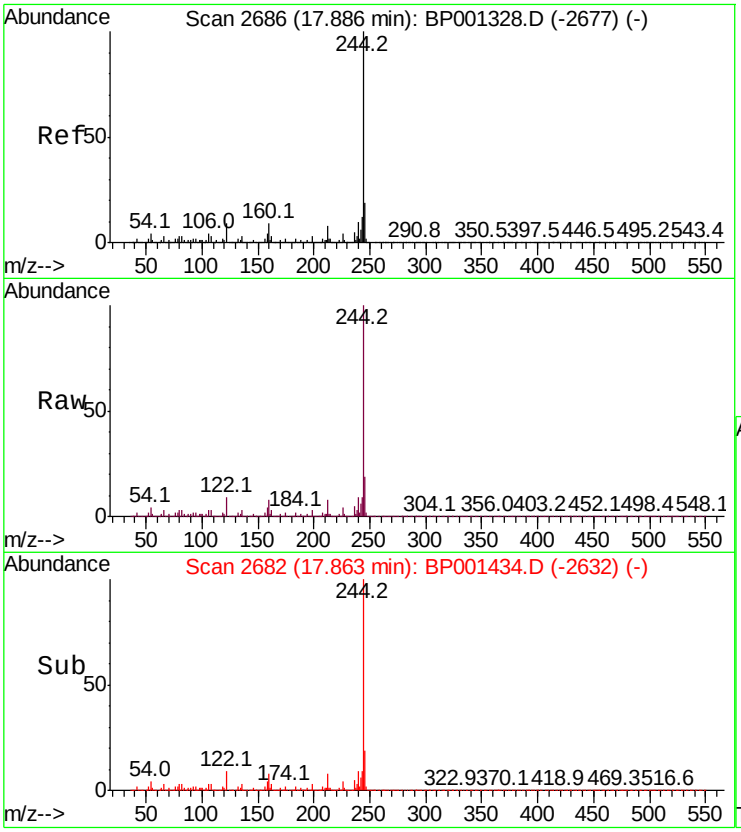


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

Tgt Ion:240 Resp: 89538

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.2	9.2
236	25.0	20.2	30.2



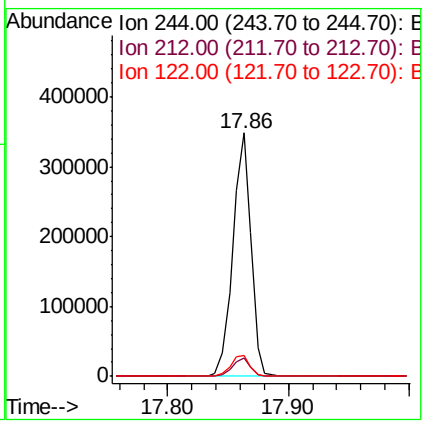


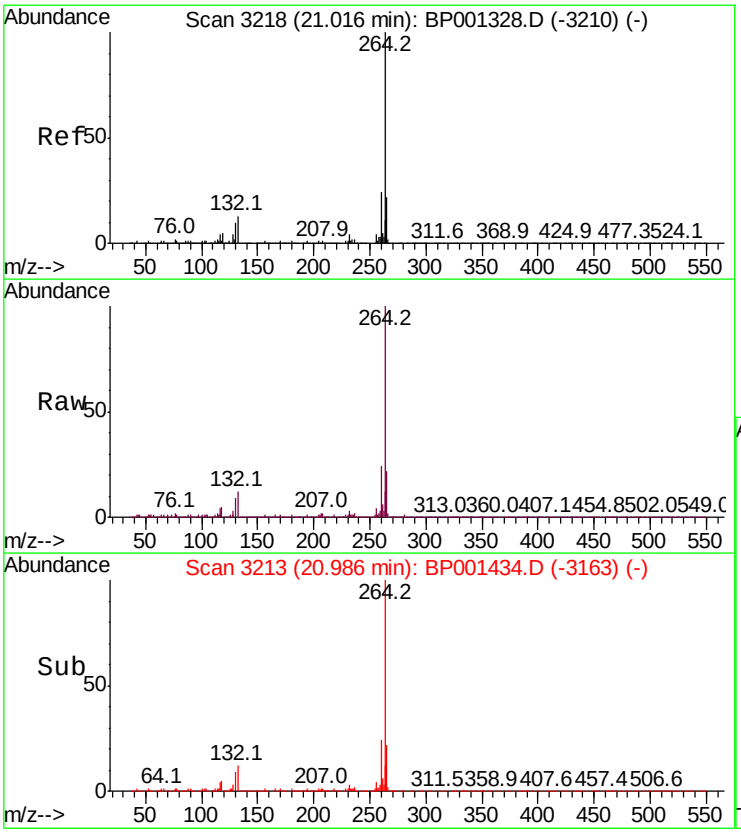
#79
Terphenyl-d14
Concen: 69.663 ng
RT: 17.86 min Scan# 2682
Delta R.T. -0.01 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

Instrument :
BNA_P
ClientSampleId :
DUNR-BF004-01

Tgt Ion:244 Resp: 364176

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	8.6	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: BP001434.D
Acq: 26 Dec 2019 21:25

Tgt Ion:264 Resp: 92525

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	22.0	17.0	25.4