Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001470.D
Acq On : 27 Dec 2019 21:15
Operator : JU
Sample : K6438-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF008-01

Quant Time: Dec 30 11:49:24 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	20794	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	73619	20.00	ng	0.00
39) Acenaphthene-d10	13.17	164	45903	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	93418	20.00	ng	0.00
76) Chrysene-d12	19.22	240	81489	20.00	ng	0.00
87) Perylene-d12	20.99	264	86234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	180107	139.99	ng	0.00
7) Phenol-d6	7.75	99	242101	144.21	ng	0.00
23) Nitrobenzene-d5	9.17	82	162230	84.62	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	83898	146.19	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	312021	85.95	ng	0.00
79) Terphenyl-d14	17.86	244	439904	92.46	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	12.77	163	17897	4.752	ng	# 97

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

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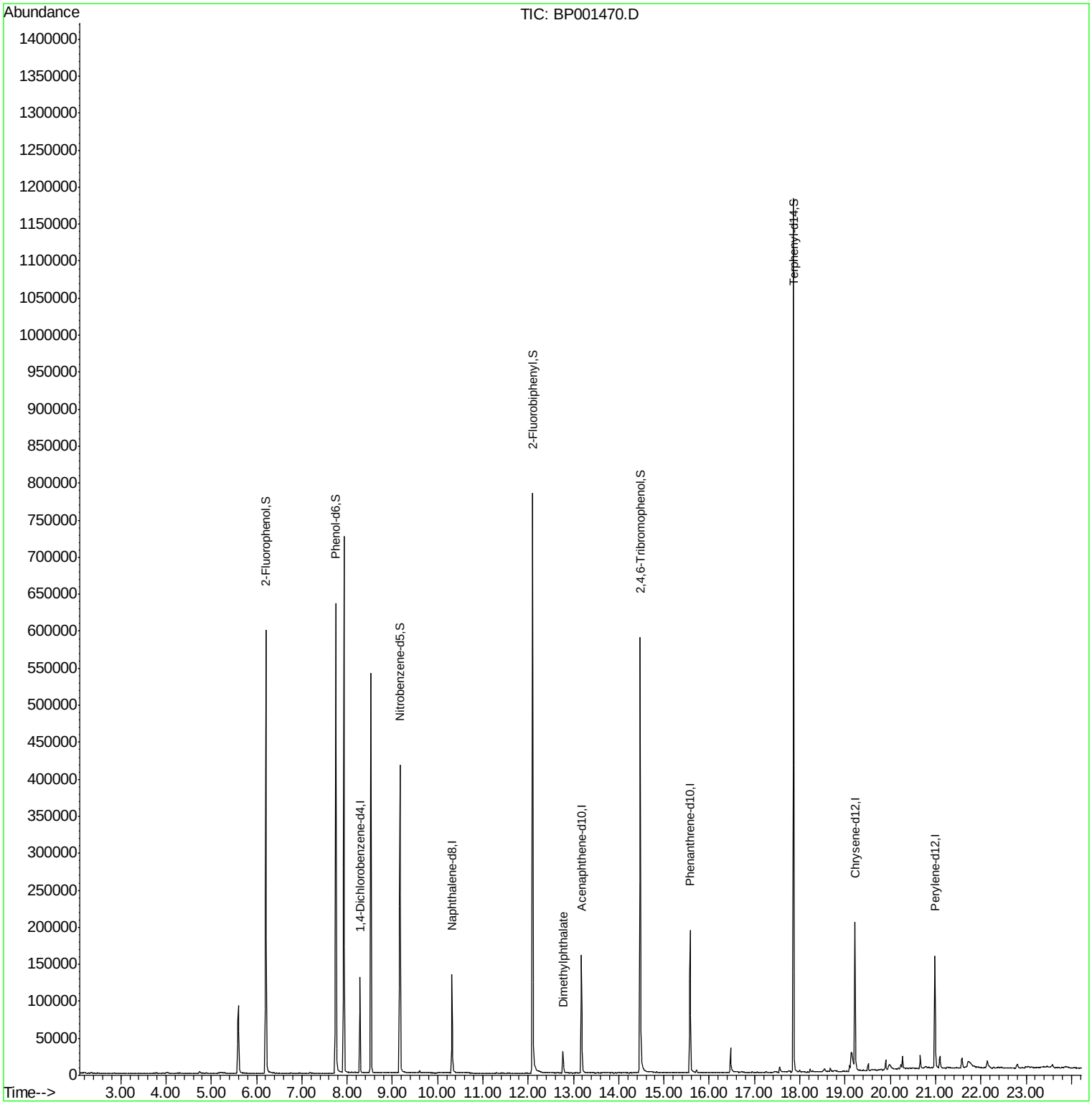
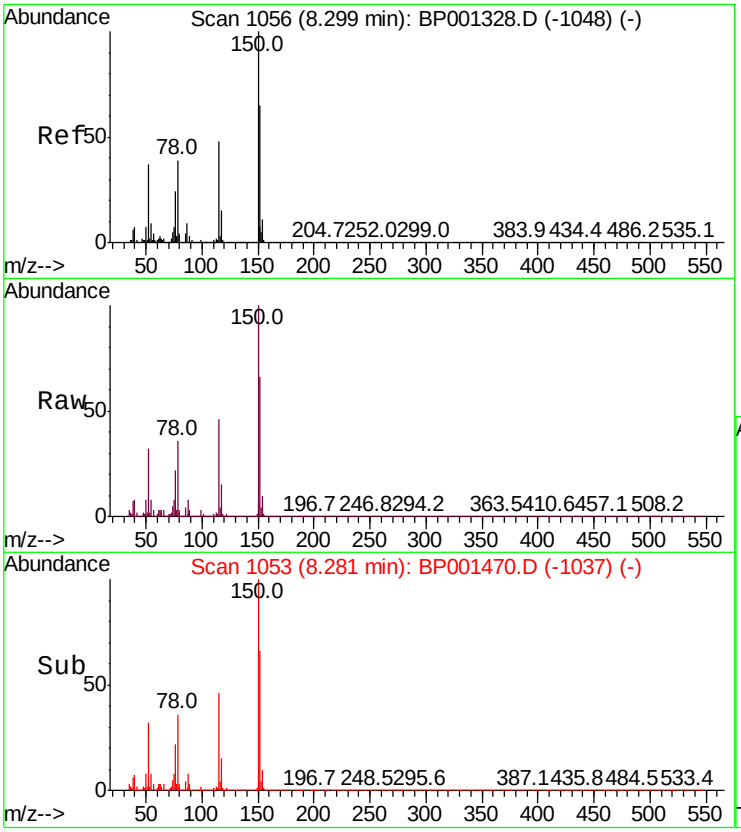


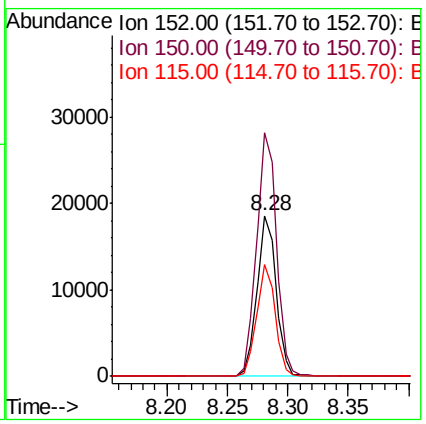


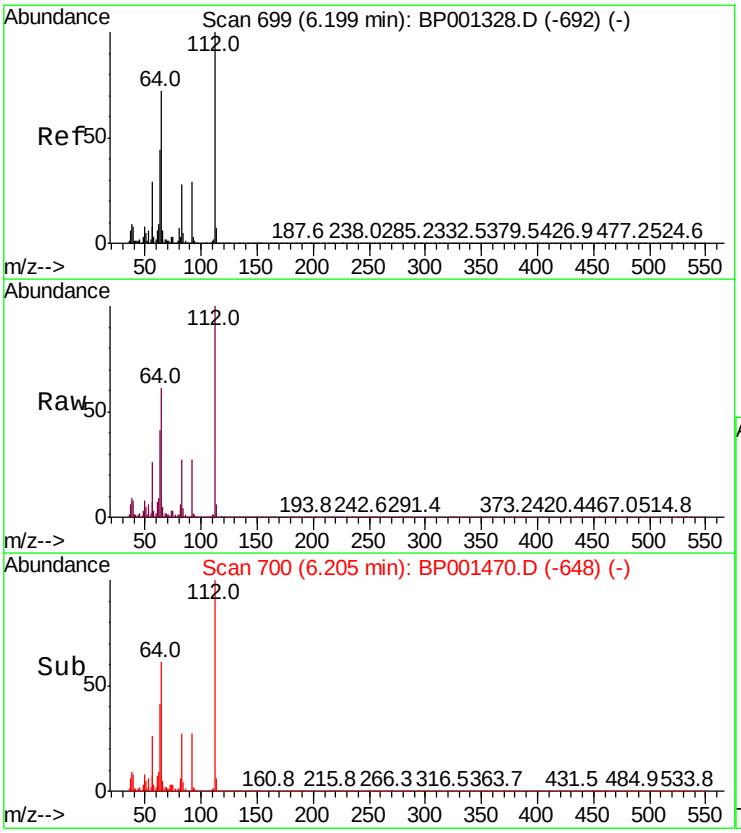
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BP001470.D
Acq: 27 Dec 2019 21:15

Instrument :
BNA_P
ClientSampleId :
DUNR-BF008-01

Tgt Ion:152 Resp: 20794

Ion	Ratio	Lower	Upper
152	100		
150	151.2	127.0	190.6
115	69.2	56.1	84.1

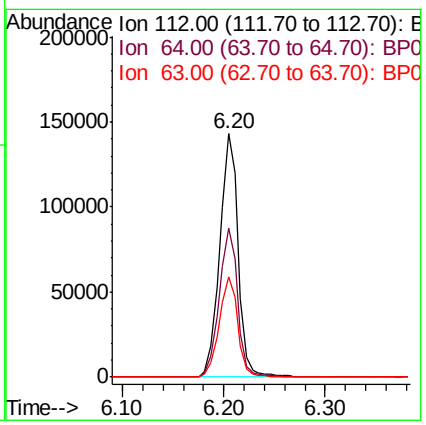


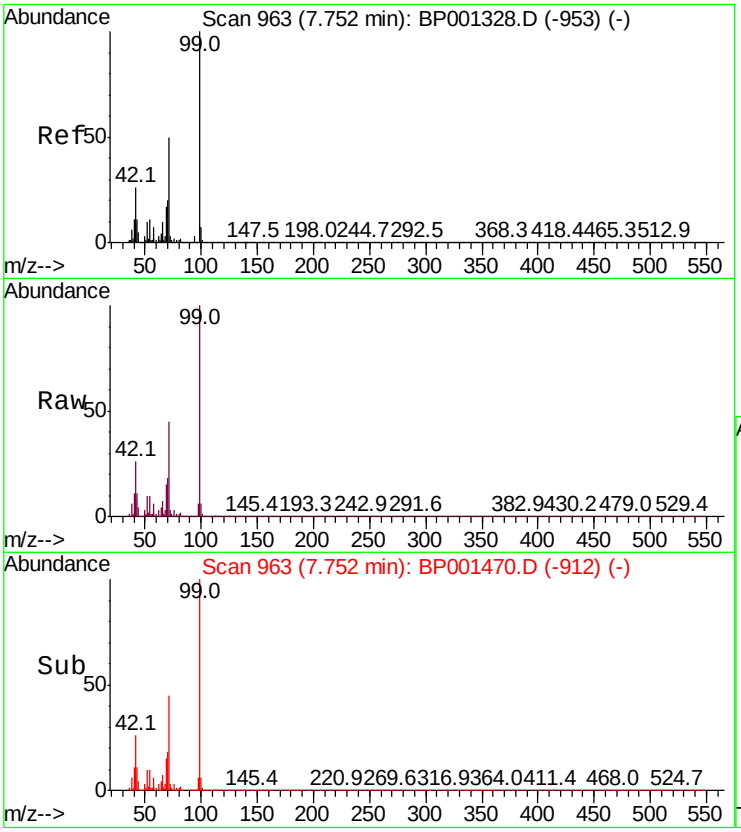


#5
2-Fluorophenol
Concen: 139.986 ng
RT: 6.20 min Scan# 700
Delta R.T. 0.01 min
Lab File: BP001470.D
Acq: 27 Dec 2019 21:15

Tgt Ion:112 Resp: 180107

Ion	Ratio	Lower	Upper
112	100		
64	61.0	53.9	80.9
63	41.2	33.4	50.0



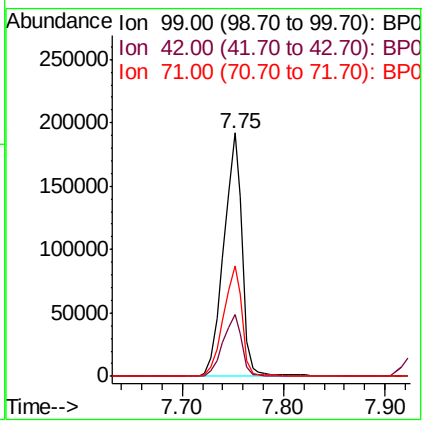


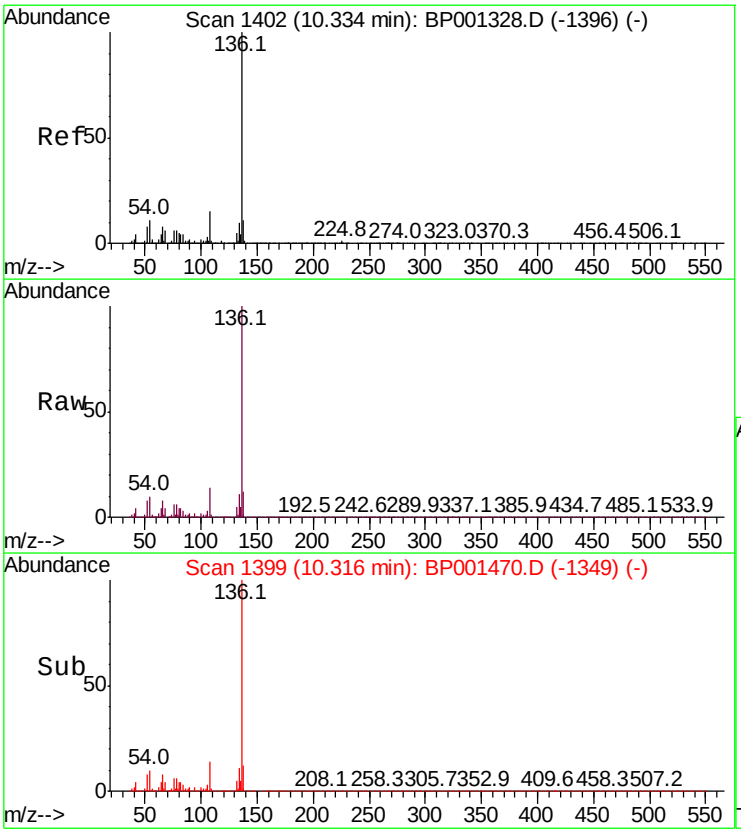
#7
Phenol-d6
Concen: 144.206 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BP001470.D
Acq: 27 Dec 2019 21:15

Instrument :
BNA_P
ClientSampleId :
DUNR-BF008-01

Tgt Ion: 99 Resp: 242101

Ion	Ratio	Lower	Upper
99	100		
42	25.5	20.8	31.2
71	45.4	38.2	57.4

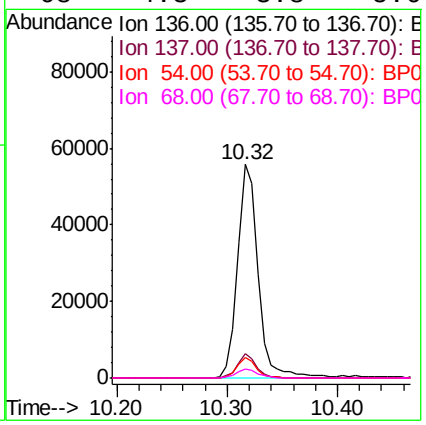


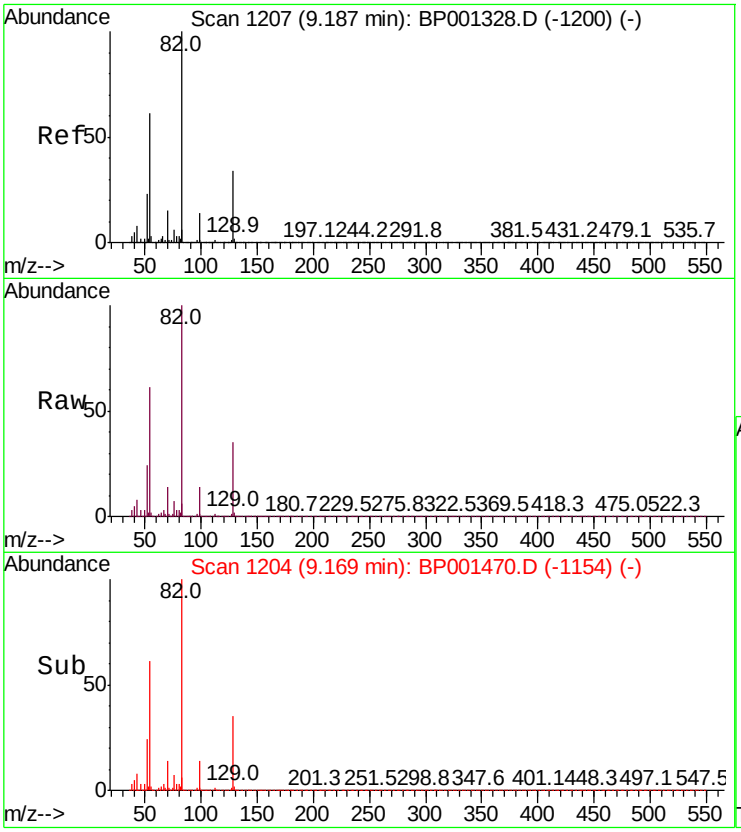


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001470.D
Acq: 27 Dec 2019 21:15

Tgt Ion:136 Resp: 73619

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	9.8	7.3	10.9
68	4.3	3.8	5.6



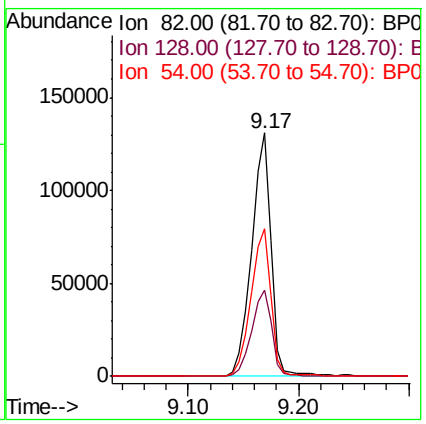


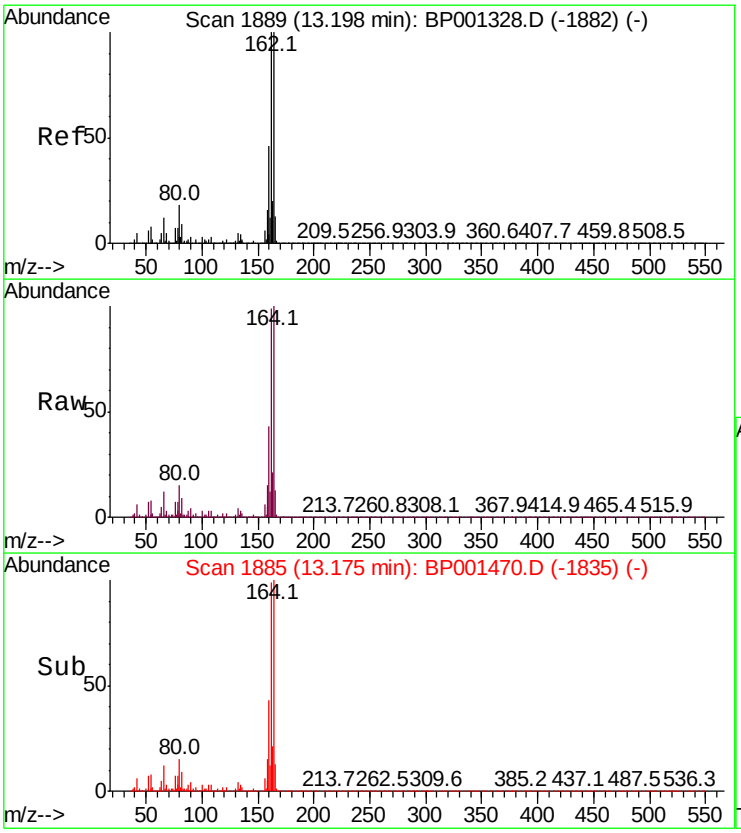
#23
Nitrobenzene-d5
Concen: 84.623 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001470.D
Acq: 27 Dec 2019 21:15

Instrument :
BNA_P
ClientSampleId :
DUNR-BF008-01

Tgt Ion: 82 Resp: 162230

Ion	Ratio	Lower	Upper
82	100		
128	35.3	27.4	41.0
54	60.6	47.5	71.3

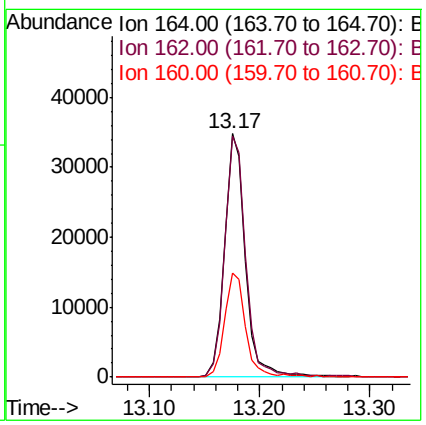


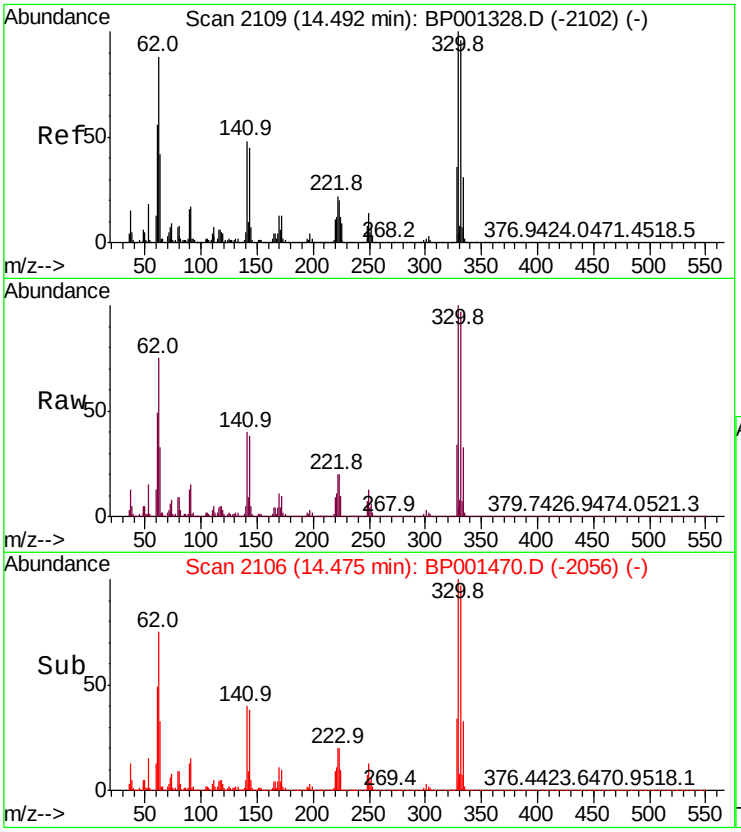


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.17 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BP001470.D
Acq: 27 Dec 2019 21:15

Tgt Ion:164 Resp: 45903

Ion	Ratio	Lower	Upper
164	100		
162	99.3	78.2	117.4
160	42.9	35.1	52.7



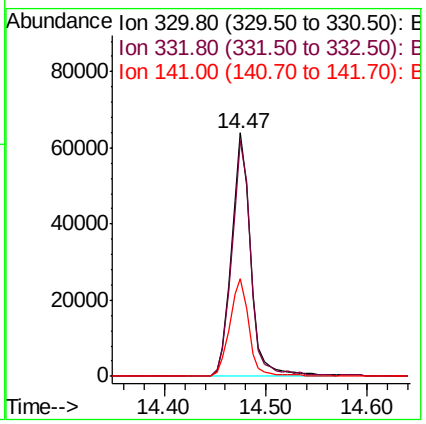


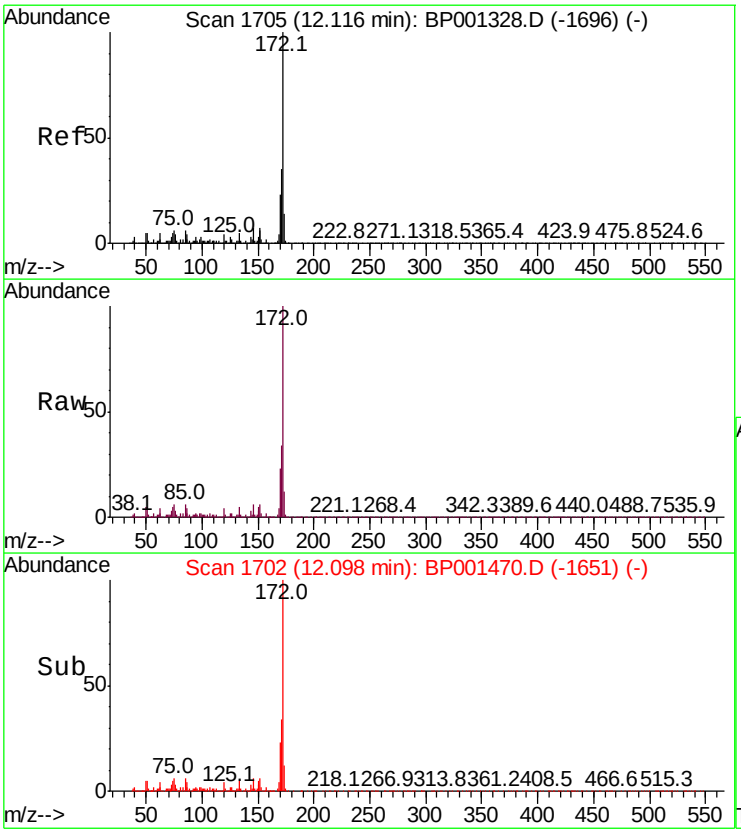
#42
2,4,6-Tribromophenol
Concen: 146.191 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP001470.D
Acq: 27 Dec 2019 21:15

Instrument :
BNA_P
ClientSampleId :
DUNR-BF008-01

Tgt Ion:330 Resp: 83898

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.3	117.5
141	40.8	26.8	40.2#

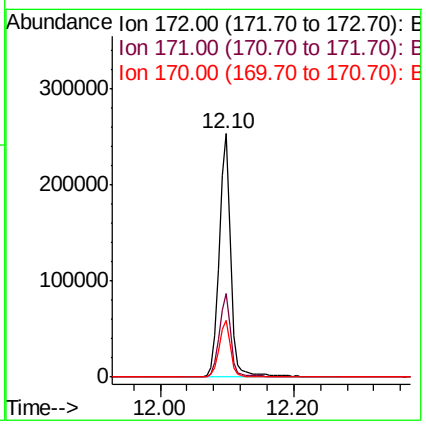


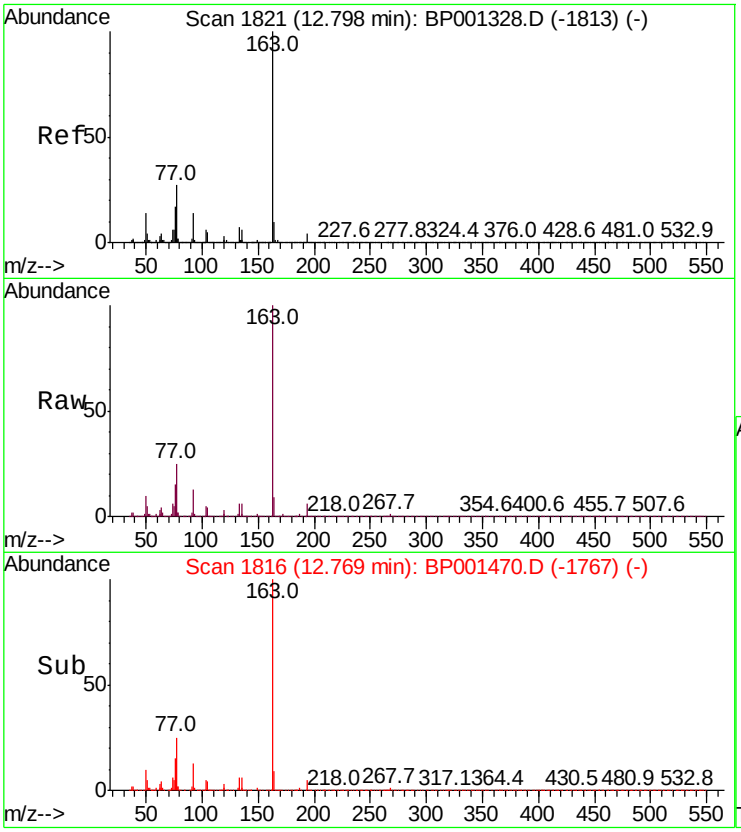


#45
2-Fluorobiphenyl
Concen: 85.952 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001470.D
Acq: 27 Dec 2019 21:15

Tgt Ion:172 Resp: 312021

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.4	41.0
170	23.5	18.2	27.4



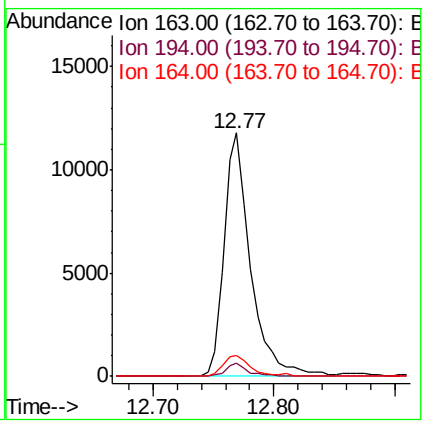


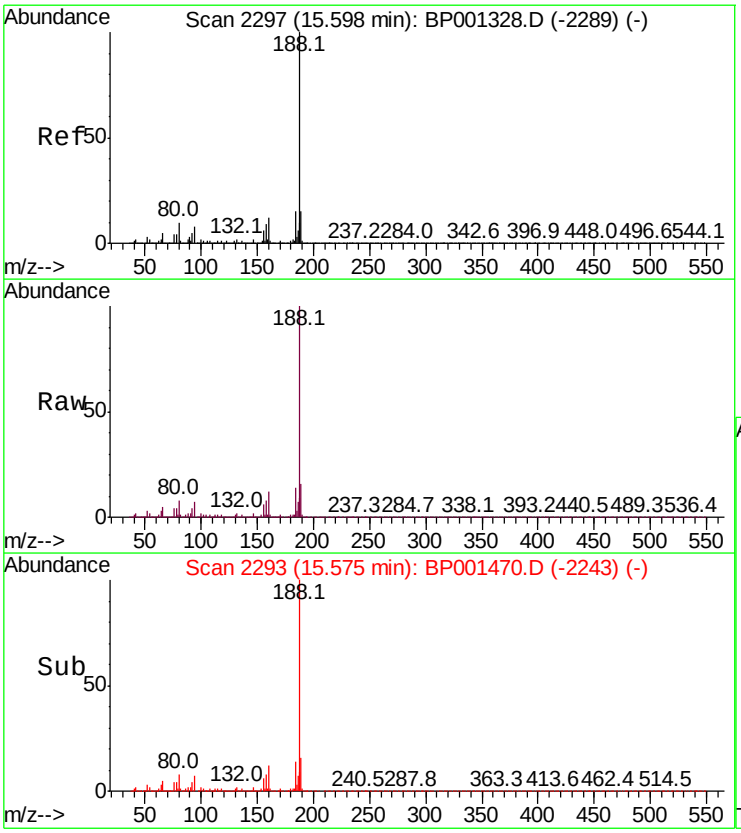
#50
Dimethylphthalate
Concen: 4.752 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BP001470.D
Acq: 27 Dec 2019 21:15

Instrument :
BNA_P
ClientSampleId :
DUNR-BF008-01

Tgt Ion:163 Resp: 17897

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.2	4.8#
164	8.6	7.7	11.5

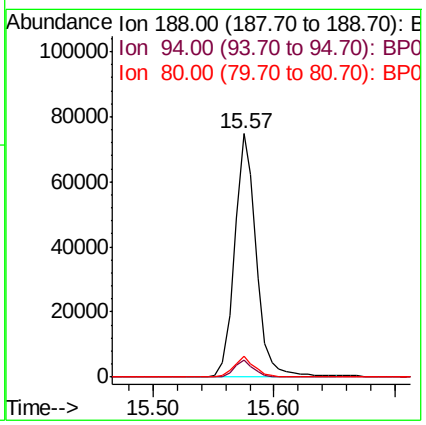


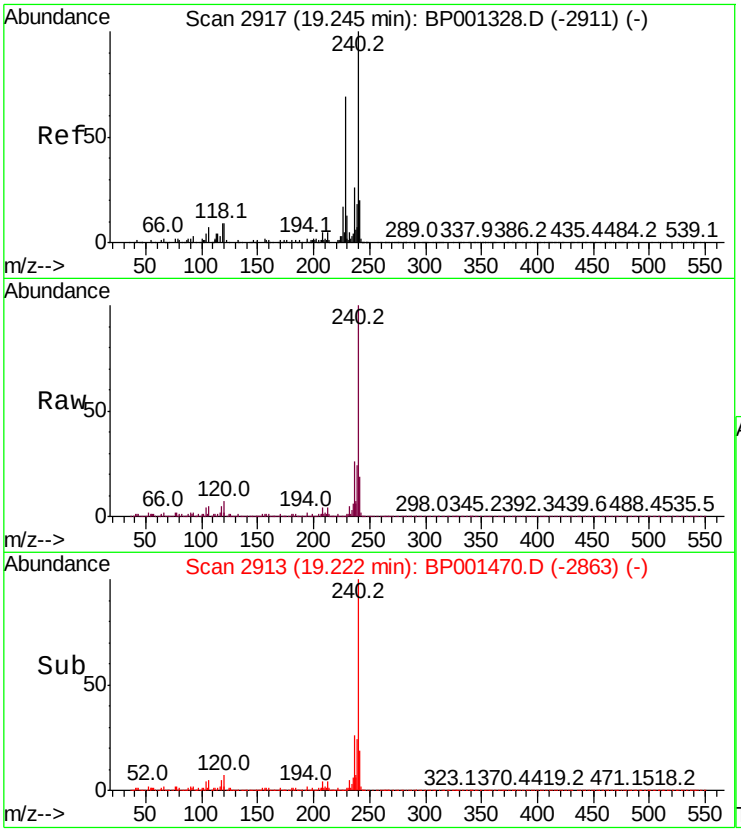


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BP001470.D
Acq: 27 Dec 2019 21:15

Tgt Ion:188 Resp: 93418

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.8	8.8
80	8.4	5.7	8.5



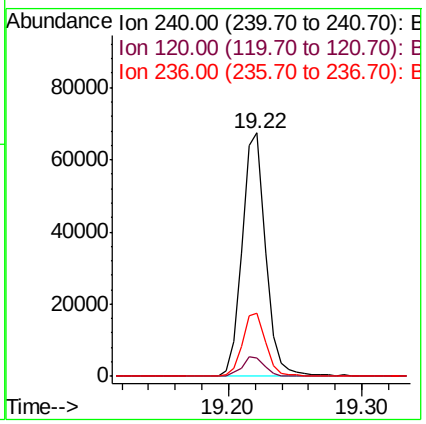


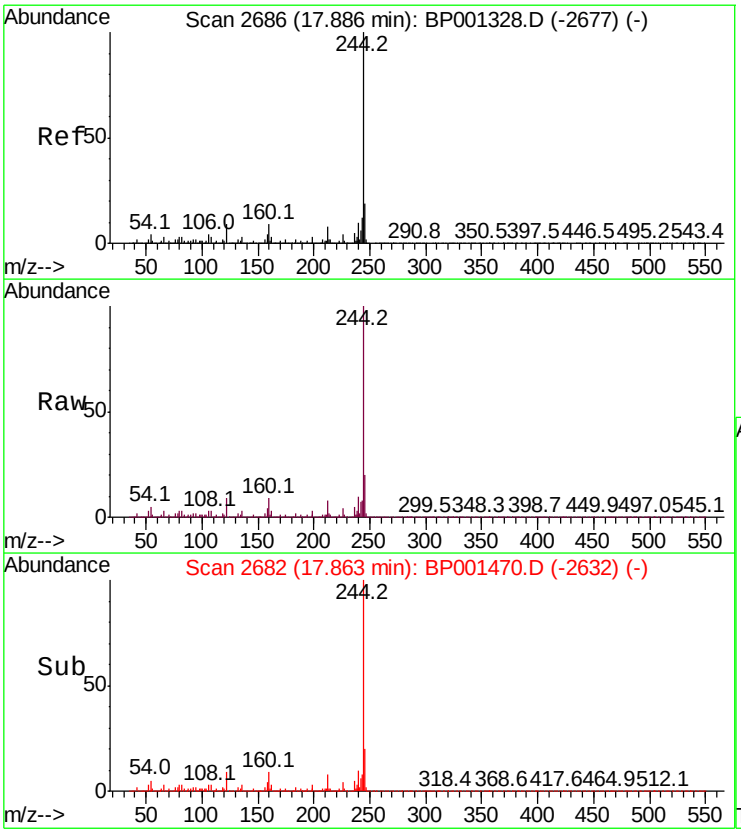
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001470.D
Acq: 27 Dec 2019 21:15

Instrument :
BNA_P
ClientSampleId :
DUNR-BF008-01

Tgt Ion:240 Resp: 81489

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.2	9.2
236	25.8	20.2	30.2

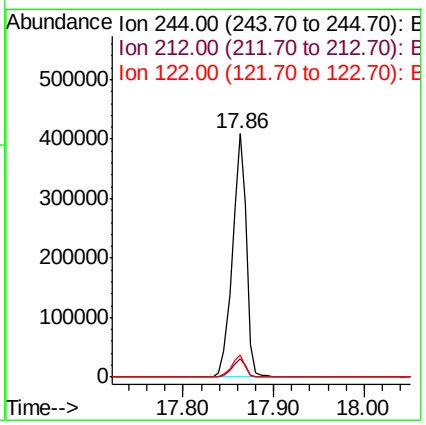


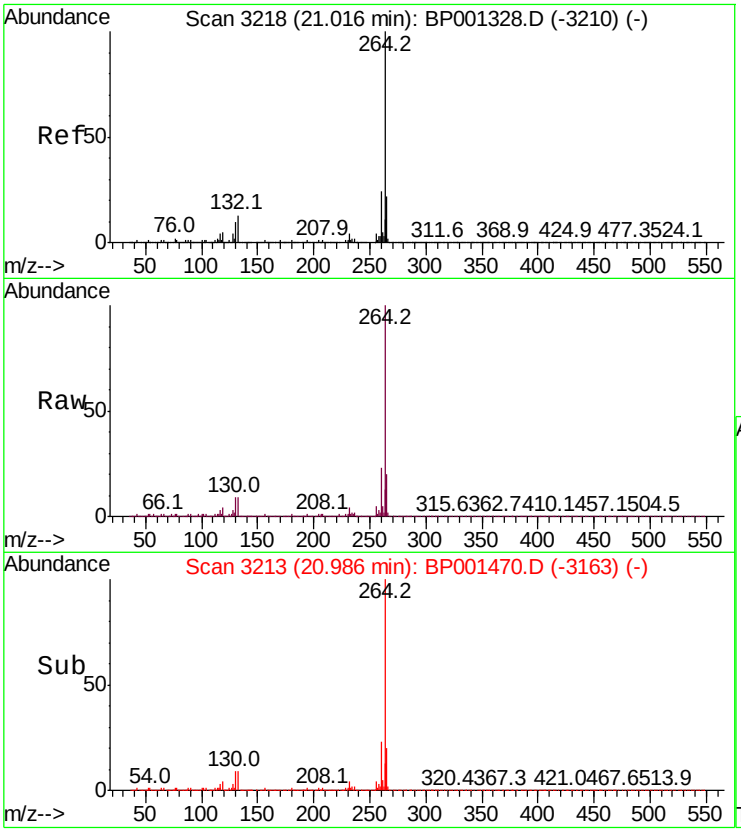


#79
Terphenyl-d14
Concen: 92.461 ng
RT: 17.86 min Scan# 2682
Delta R.T. -0.01 min
Lab File: BP001470.D
Acq: 27 Dec 2019 21:15

Tgt Ion:244 Resp: 439904

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	9.2	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: BP001470.D
Acq: 27 Dec 2019 21:15

Instrument :
BNA_P
ClientSampleId :
DUNR-BF008-01

Tgt Ion:264 Resp: 86234

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	19.6	17.0	25.4