Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001454.D
Acq On : 27 Dec 2019 09:51
Operator : JU
Sample : K6372-18DL2 50X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14DL2

Quant Time: Dec 27 10:55:28 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	28992	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	104166	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	62437	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	118023	20.00	ng	0.00
76) Chrysene-d12	19.22	240	95235	20.00	ng	0.00
87) Perylene-d12	20.99	264	101421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	1296	0.72	ng	0.02
7) Phenol-d6	7.77	99	1285	0.55	ng	0.02
23) Nitrobenzene-d5	9.16	82	3909	1.44	ng	-0.01
42) 2,4,6-Tribromophenol	14.49	330	1359	1.74	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	8230	1.67	ng	0.00
79) Terphenyl-d14	17.86	244	11038	1.99	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.36	128	238710	41.981	ng	99
37) 2-Methylnaphthalene	11.48	142	25496	6.495	ng	98
38) 1-Methylnaphthalene	11.64	142	24599	6.665	ng	97

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

Quantitation Report (QT Reviewed)

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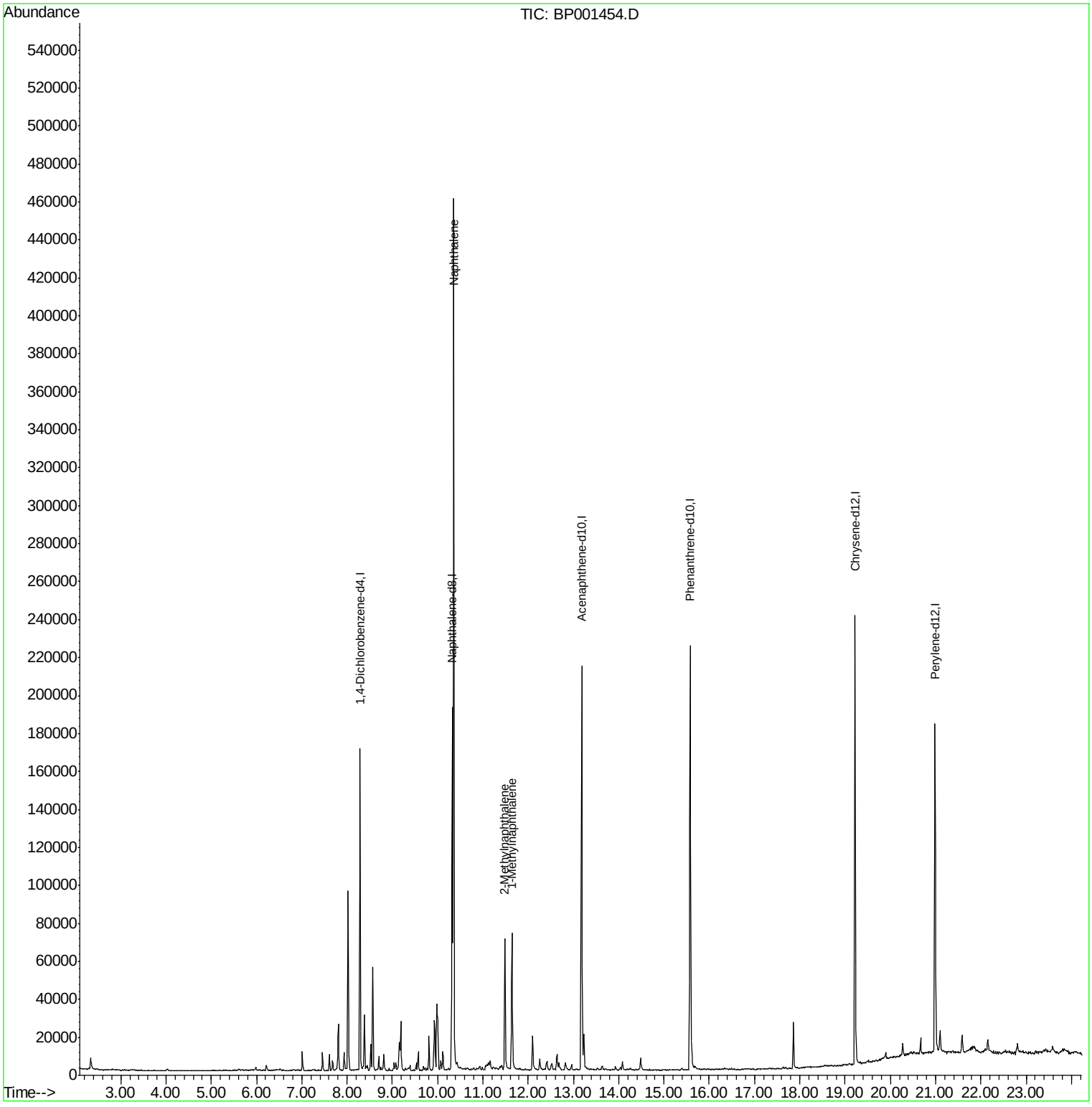
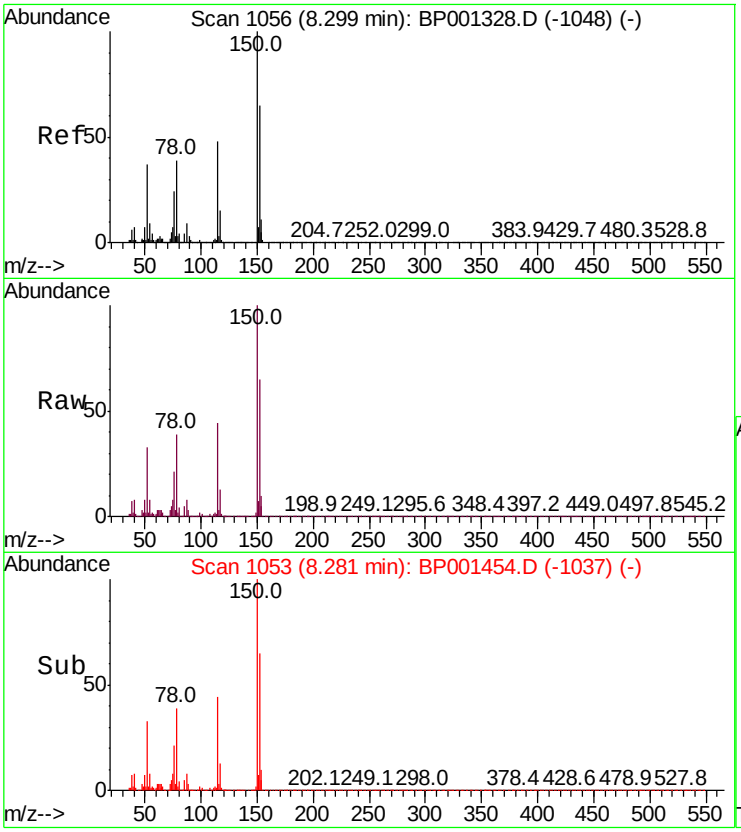


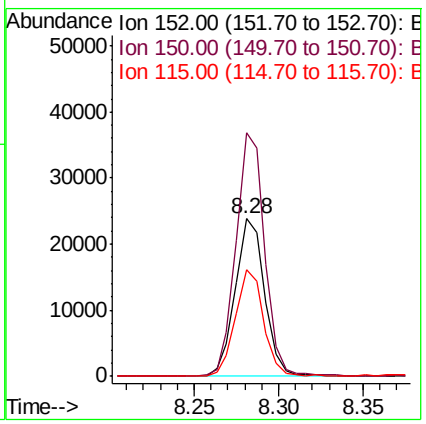


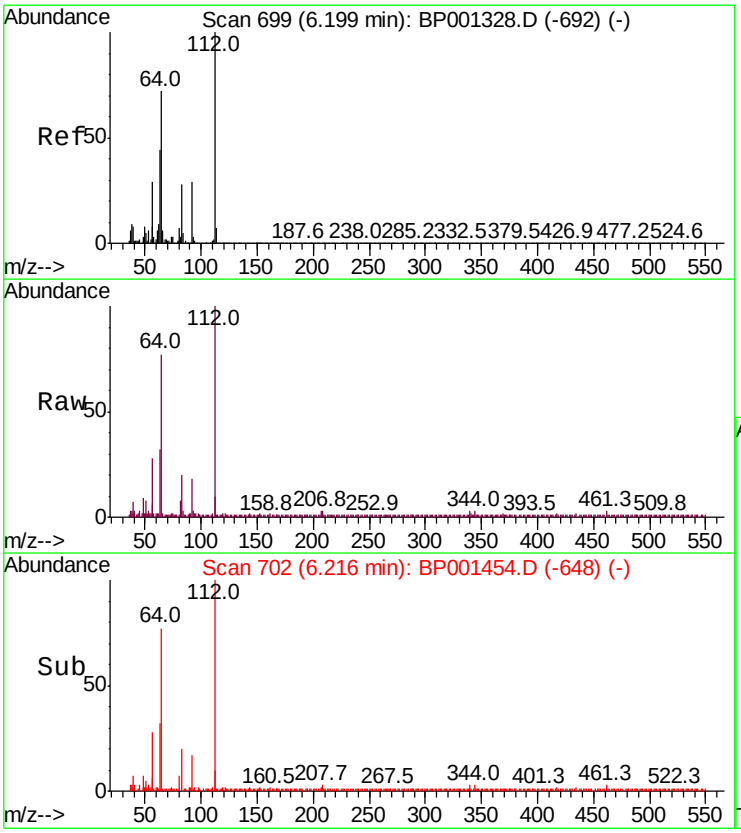
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

Instrument :
BNA_P
ClientSampleId :
MW-14DL2

Tgt Ion:152 Resp: 28992

Ion	Ratio	Lower	Upper
152	100		
150	154.5	127.0	190.6
115	67.5	56.1	84.1

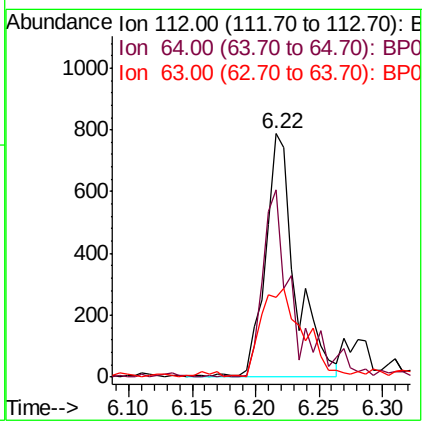


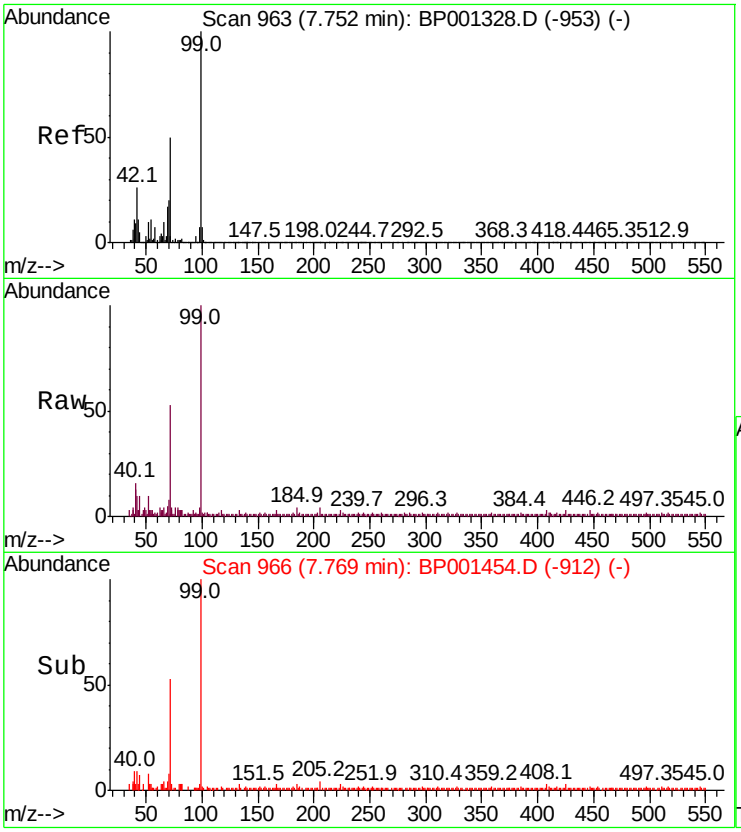


#5
2-Fluorophenol
Concen: 0.722 ng
RT: 6.22 min Scan# 702
Delta R.T. 0.02 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

Tgt Ion:112 Resp: 1296

Ion	Ratio	Lower	Upper
112	100		
64	76.6	53.9	80.9
63	32.5	33.4	50.0#



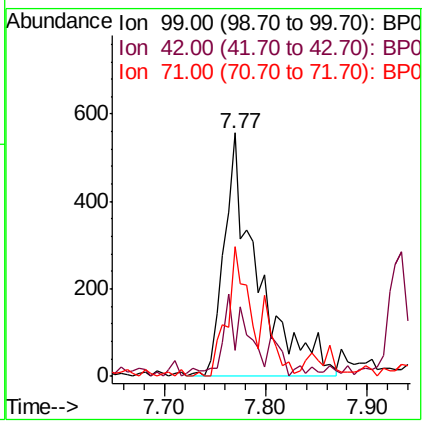


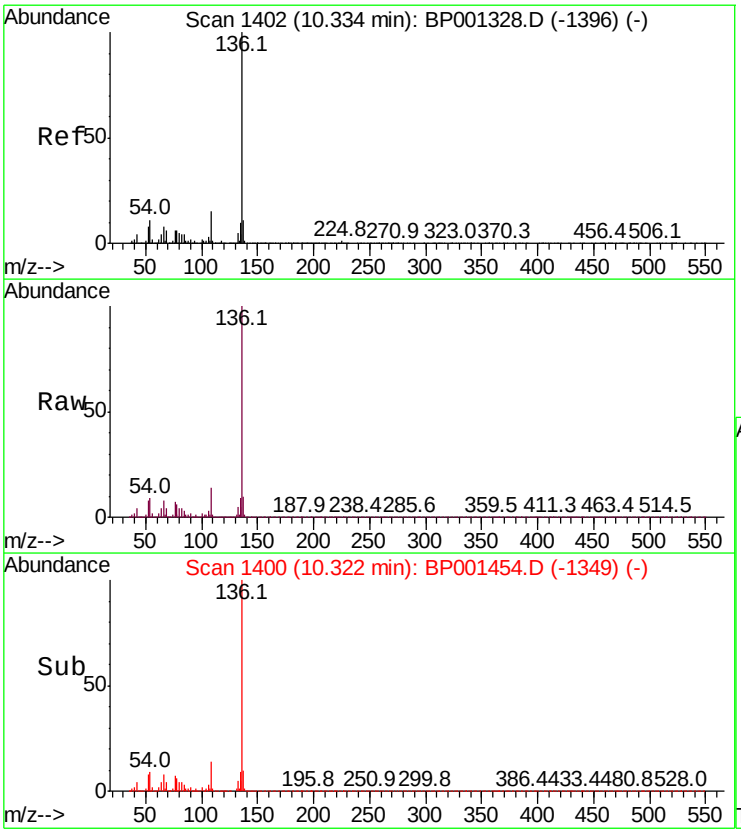
#7
Phenol-d6
Concen: 0.549 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.02 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

Instrument :
BNA_P
ClientSampleId :
MW-14DL2

Tgt Ion: 99 Resp: 1285

Ion	Ratio	Lower	Upper
99	100		
42	10.4	20.8	31.2#
71	53.1	38.2	57.4

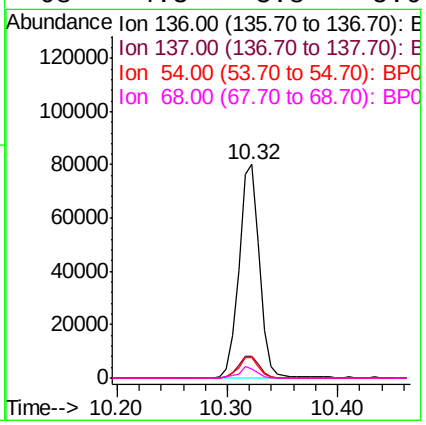


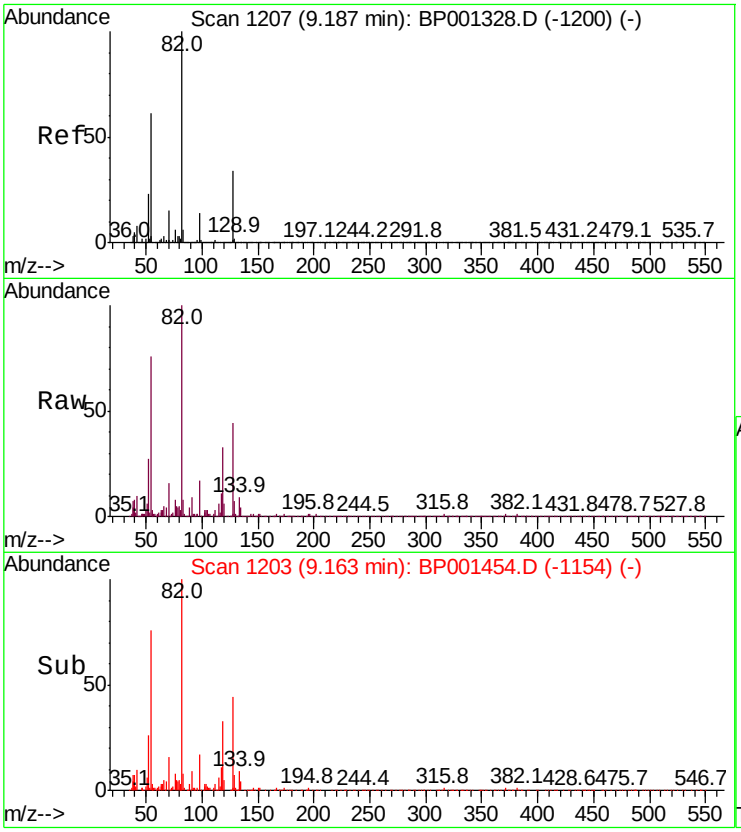


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

Tgt Ion:136 Resp: 104166

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.4
54	9.3	7.3	10.9
68	4.3	3.8	5.6



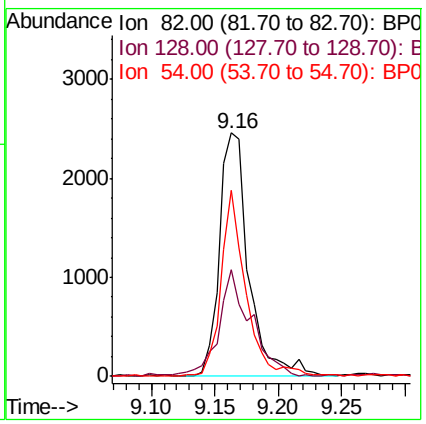


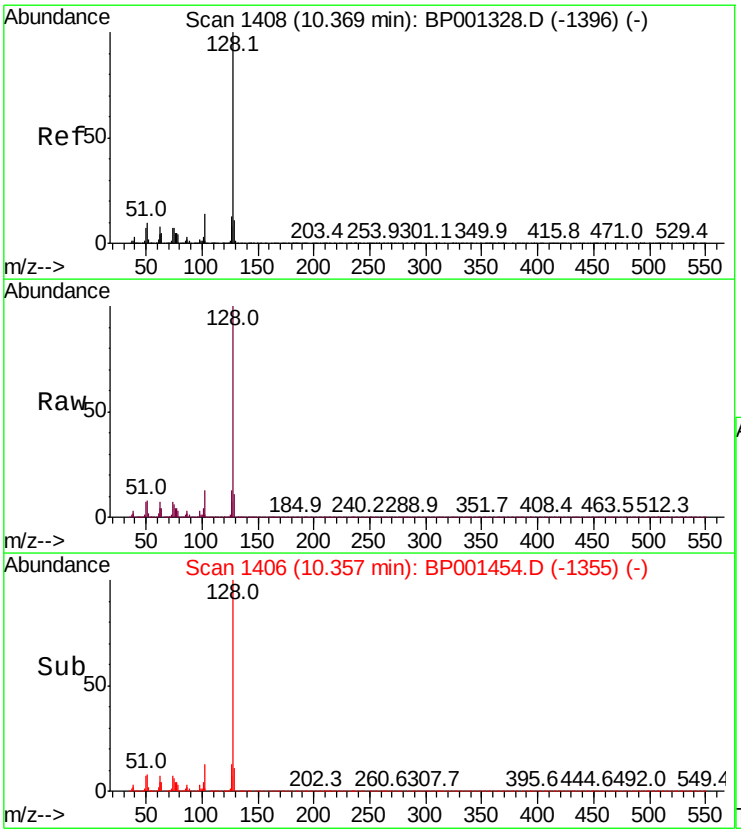
#23
Nitrobenzene-d5
Concen: 1.441 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

Instrument :
BNA_P
ClientSampleId :
MW-14DL2

Tgt Ion: 82 Resp: 3909

Ion	Ratio	Lower	Upper
82	100		
128	43.7	27.4	41.0#
54	76.4	47.5	71.3#

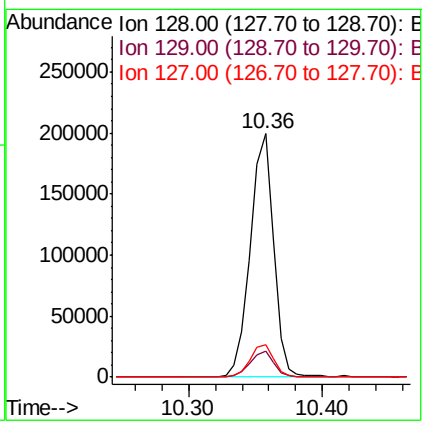


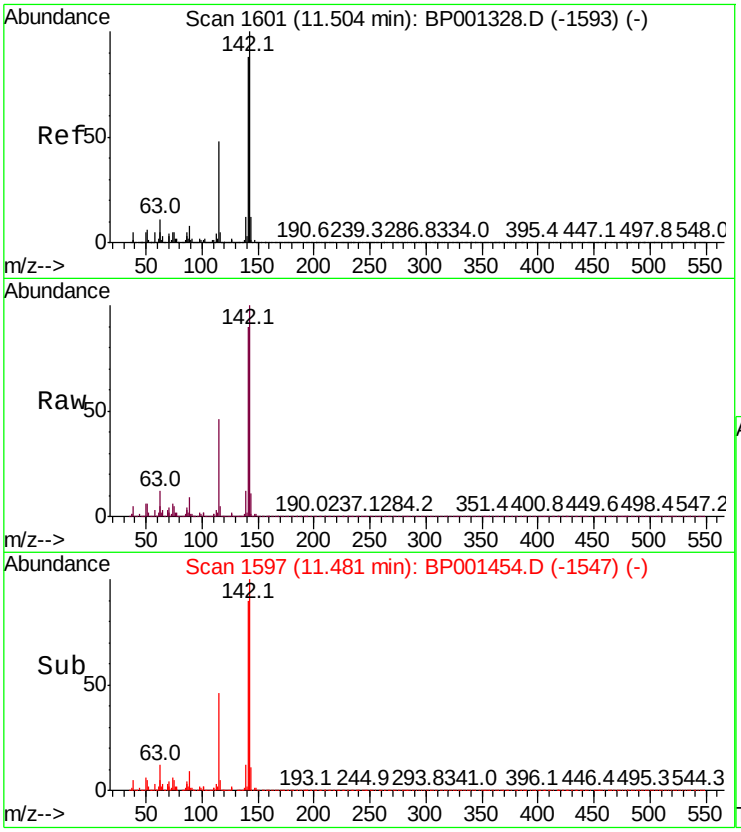


#31
Naphthalene
Concen: 41.981 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

Tgt Ion:128 Resp: 238710

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	13.3	11.0	16.6



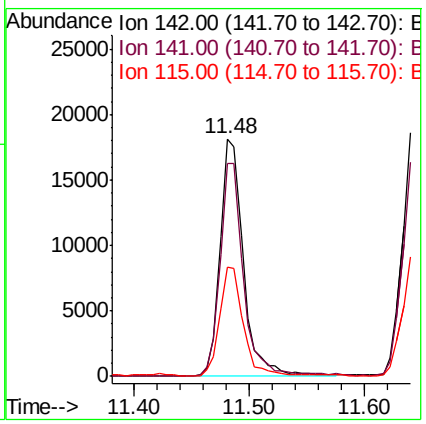


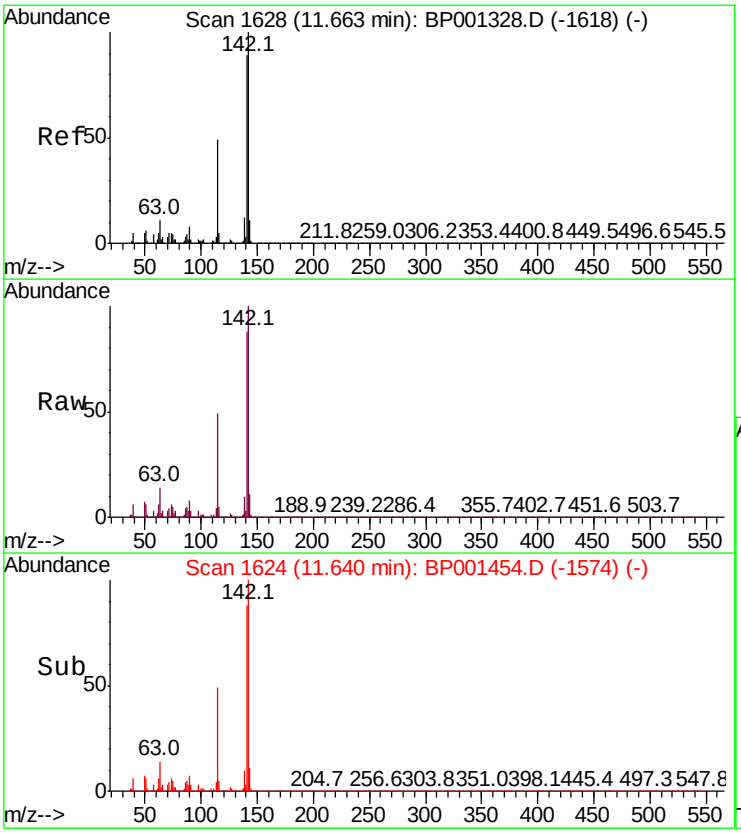
#37
2-Methylnaphthalene
Concen: 6.495 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

Instrument :
BNA_P
ClientSampleId :
MW-14DL2

Tgt Ion:142 Resp: 25496

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.2	105.2
115	45.9	37.0	55.4

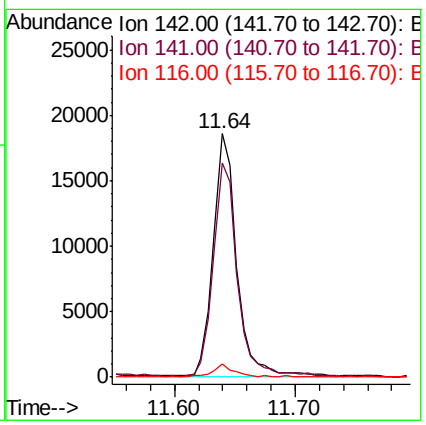


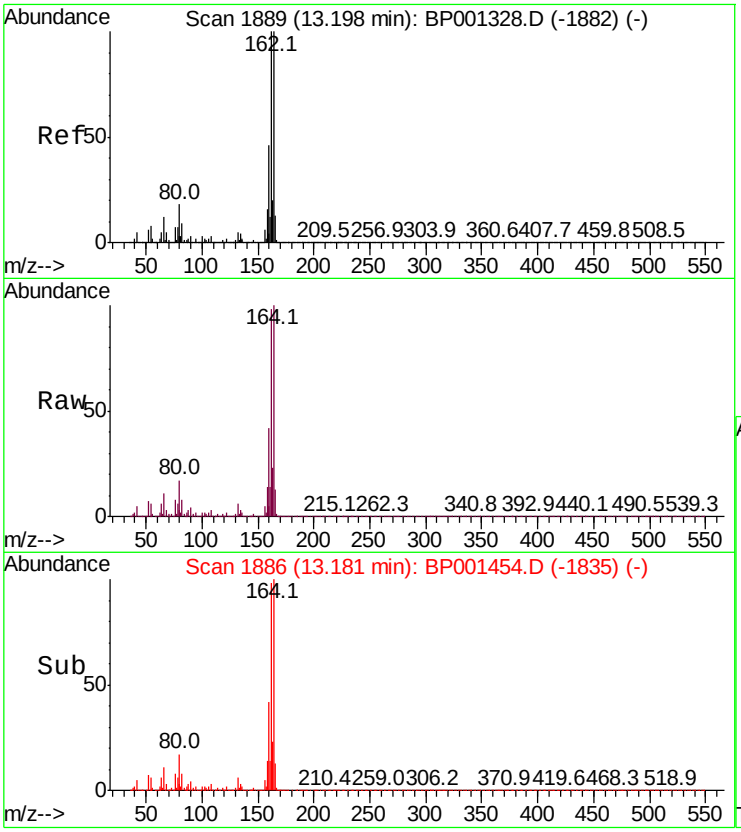


#38
1-Methylnaphthalene
Concen: 6.665 ng
RT: 11.64 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

Tgt Ion:142 Resp: 24599

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.9	109.3
116	5.3	3.8	5.8



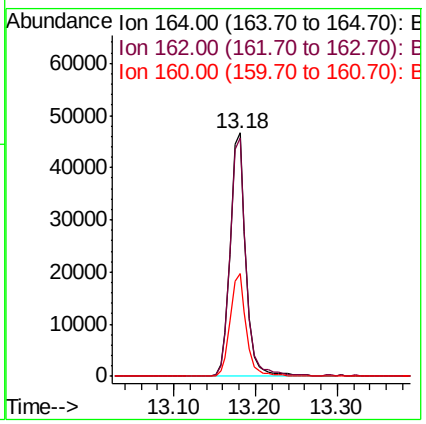


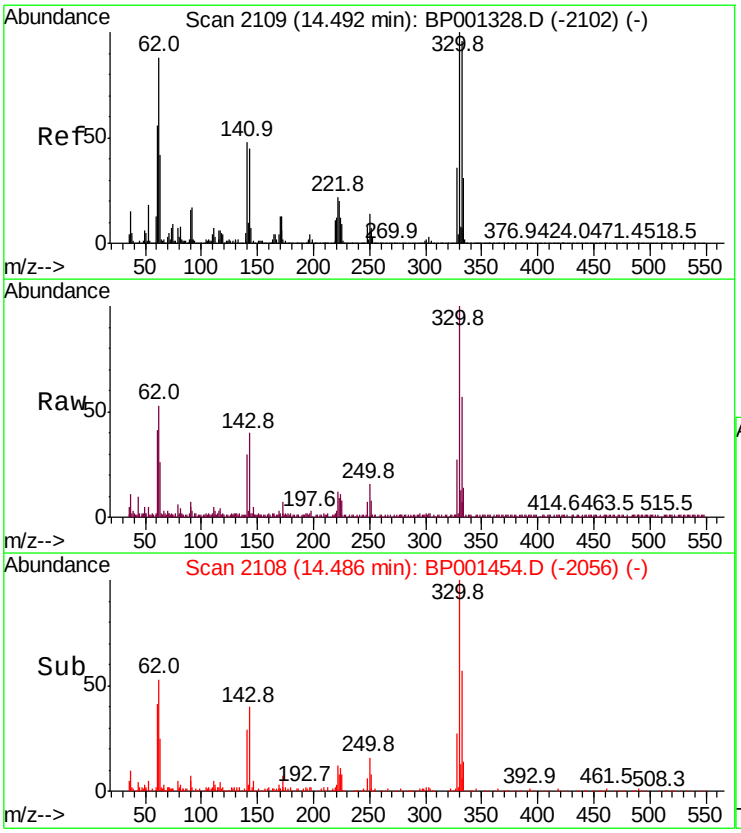
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.18 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

Instrument :
BNA_P
ClientSampleId :
MW-14DL2

Tgt Ion:164 Resp: 62437

Ion	Ratio	Lower	Upper
164	100		
162	98.0	78.2	117.4
160	42.0	35.1	52.7

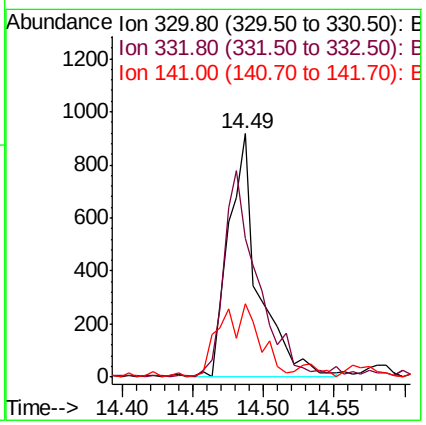


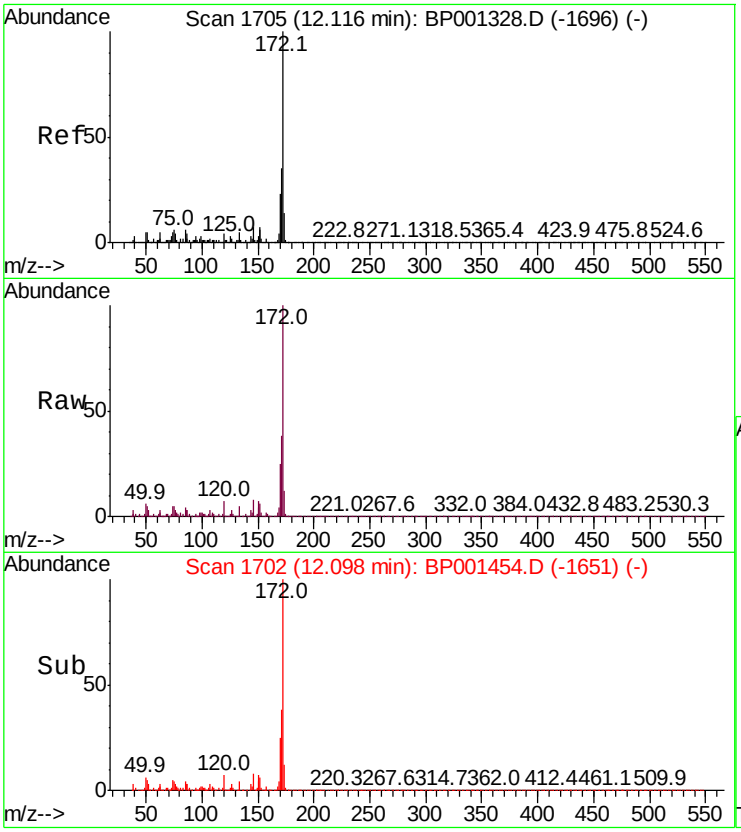


#42
2,4,6-Tribromophenol
Concen: 1.741 ng
RT: 14.49 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

Tgt Ion:330 Resp: 1359

Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.3	117.5
141	19.9	26.8	40.2#



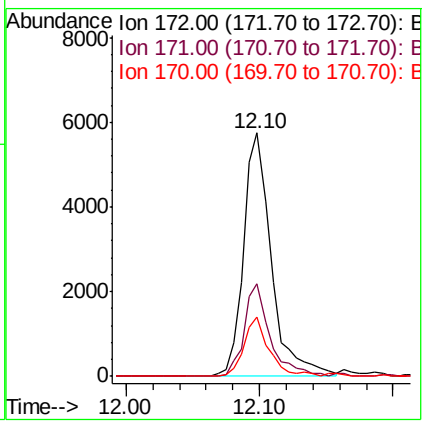


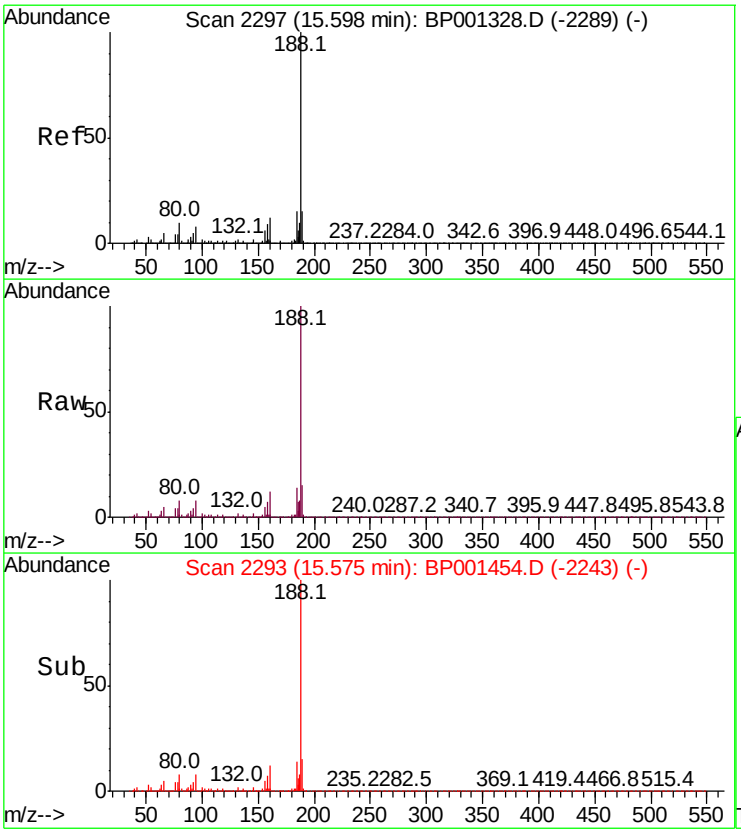
#45
2-Fluorobiphenyl
Concen: 1.667 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

Instrument :
BNA_P
ClientSampleId :
MW-14DL2

Tgt Ion:172 Resp: 8230

Ion	Ratio	Lower	Upper
172	100		
171	38.2	27.4	41.0
170	24.5	18.2	27.4

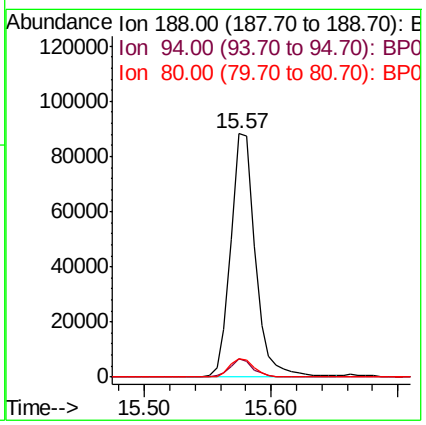


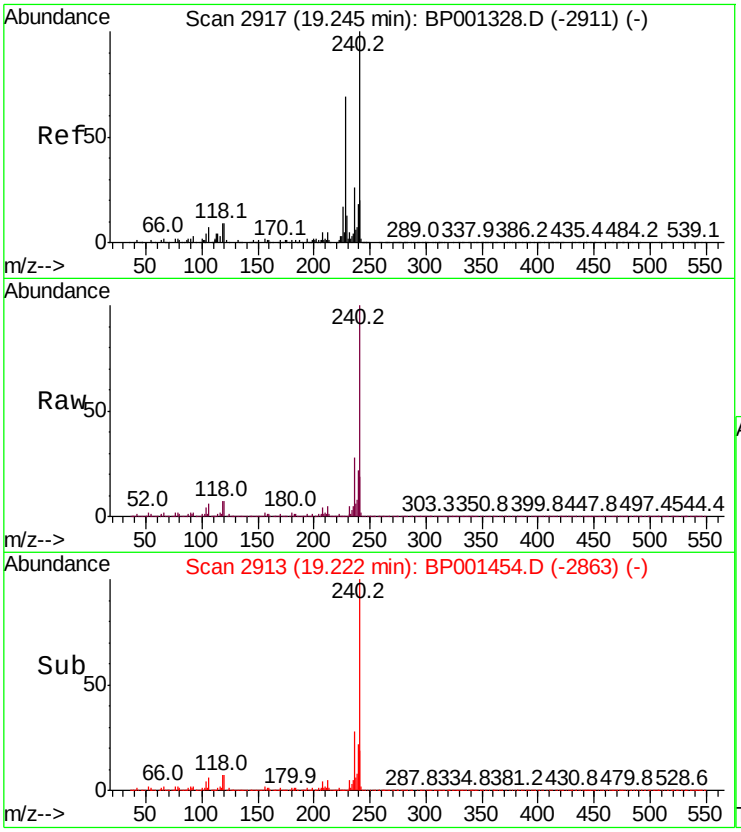


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

Tgt Ion:188 Resp: 118023

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.8	8.8
80	7.7	5.7	8.5



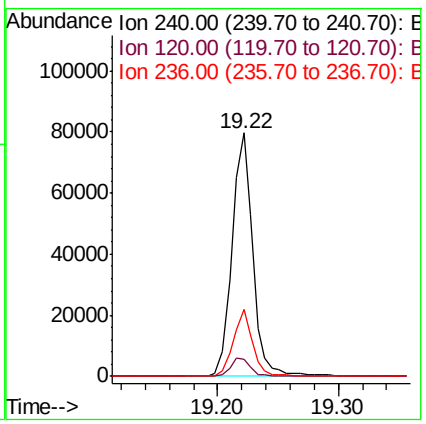


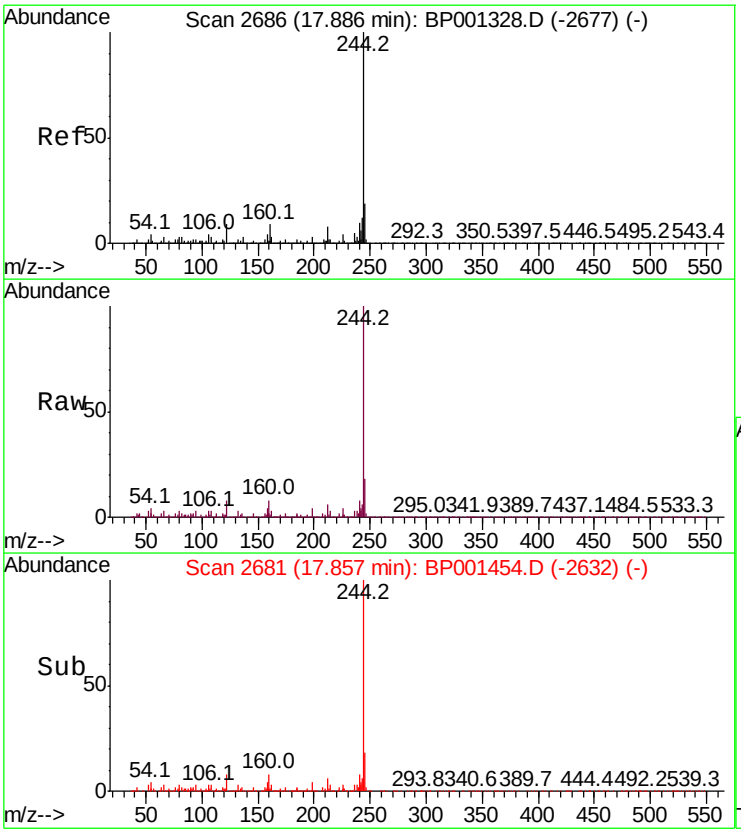
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

Instrument :
BNA_P
ClientSampleId :
MW-14DL2

Tgt Ion:240 Resp: 95235

Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.2	9.2
236	27.5	20.2	30.2

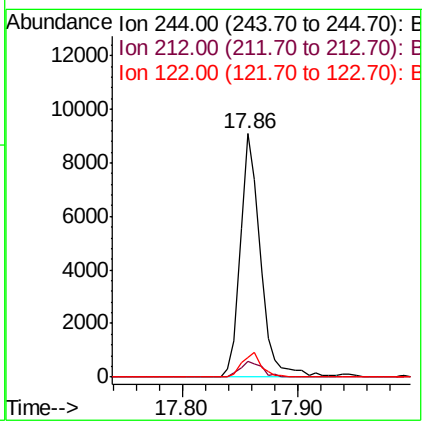


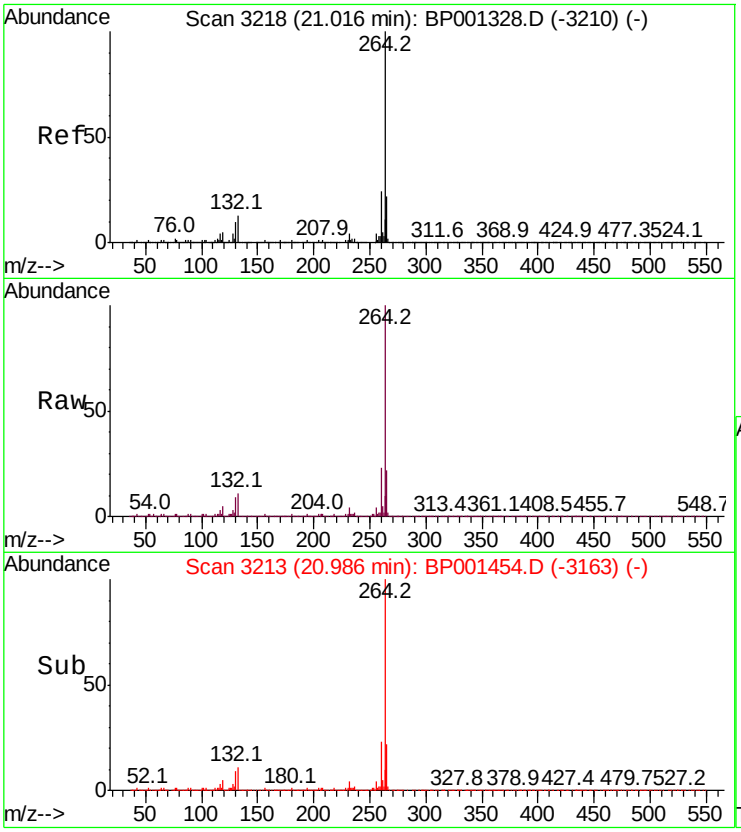


#79
Terphenyl-d14
Concen: 1.985 ng
RT: 17.86 min Scan# 2681
Delta R.T. -0.01 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

Tgt Ion:244 Resp: 11038

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	8.0	6.4	9.6

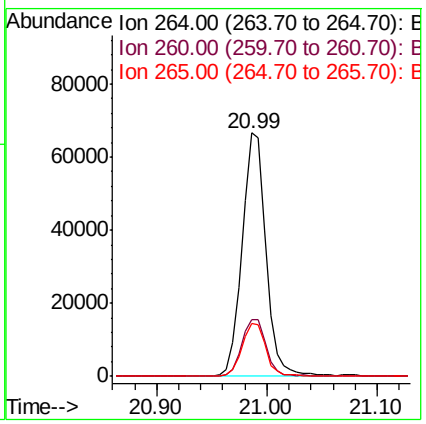




#87
Perylene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3213
Delta R.T. -0.01 min
Lab File: BP001454.D
Acq: 27 Dec 2019 09:51

Tgt Ion:264 Resp: 101421

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.6	17.0	25.4



Instrument :
BNA_P
ClientSampleId :
MW-14DL2