Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP083119\
Data File : BP000030.D
Acq On : 31 Aug 2019 08:21
Operator : HP/JU
Sample : MDL-S-BL-04
Misc : 4PPM
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ClientSampleId :
MDL-S-BL-04

Quant Time: Aug 31 14:50:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	510832	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1863578	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	990157	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1733968	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1421681	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1531569	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	3889664	121.42	ng	0.01
7) Phenol-d6	6.52	99	4829480	119.42	ng	0.00
23) Nitrobenzene-d5	7.45	82	2724155	89.70	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1151217	137.94	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	5115343	86.28	ng	0.00
79) Terphenyl-d14	13.04	244	5688176	87.21	ng	0.00
Target Compounds						Qvalue

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

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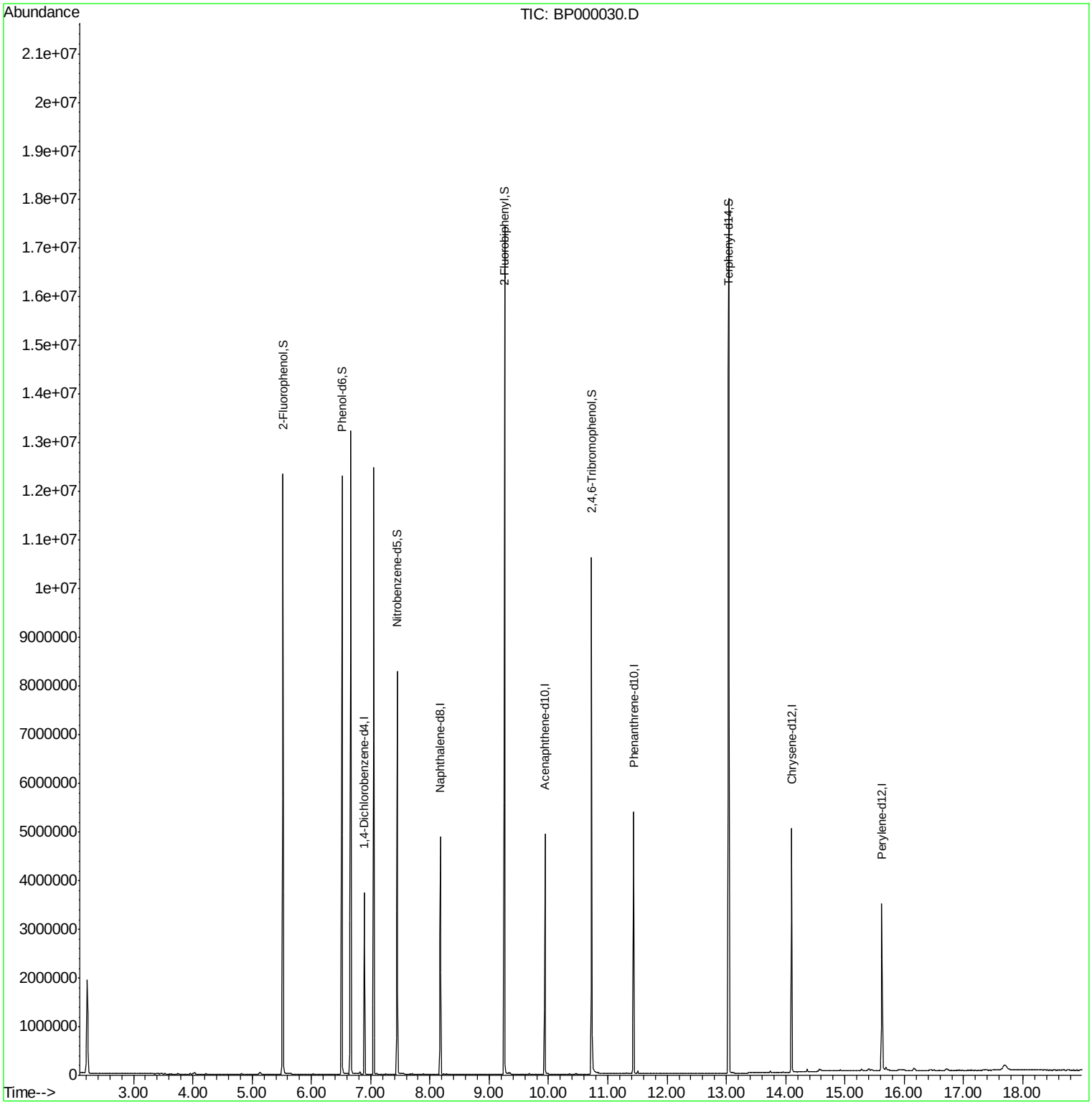
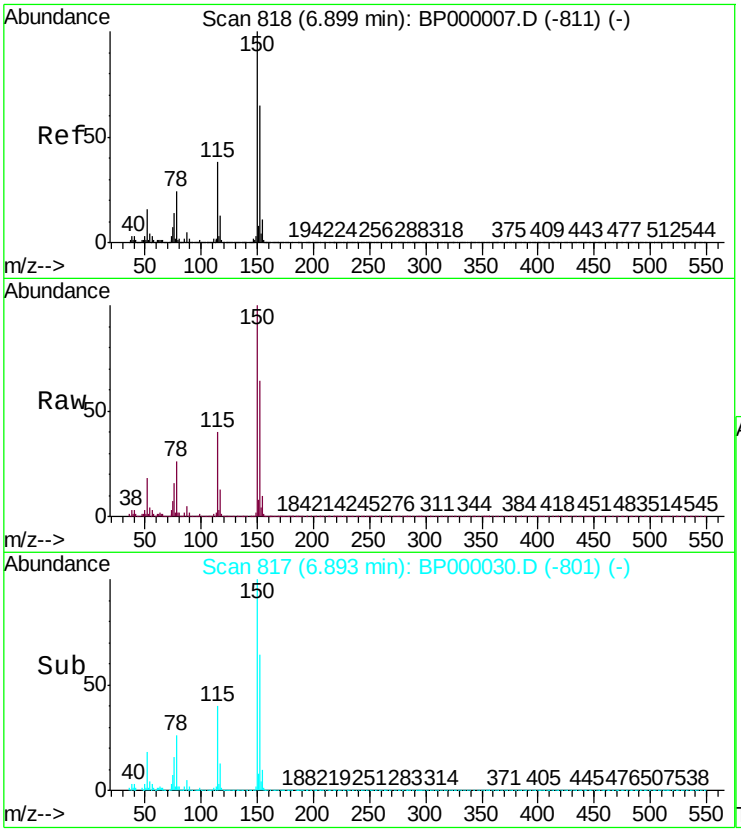


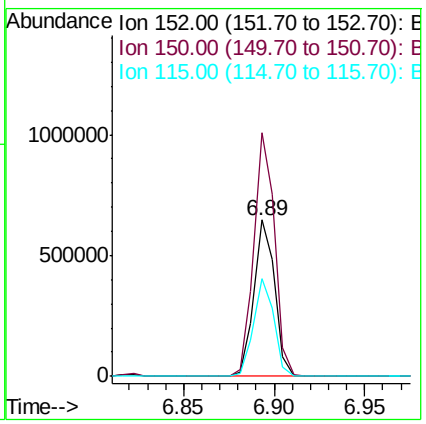


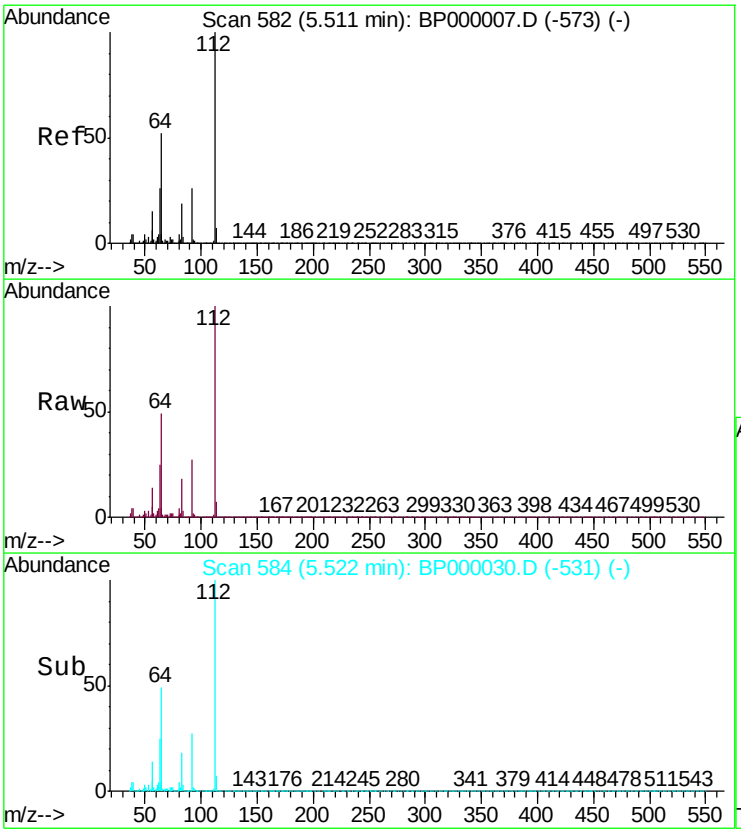
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000030.D
Acq: 31 Aug 2019 08:21

Instrument :
ClientSampleId :
MDL-S-BL-04

Tgt Ion:152 Resp: 510832

Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.0	184.6
115	62.4	46.7	70.1

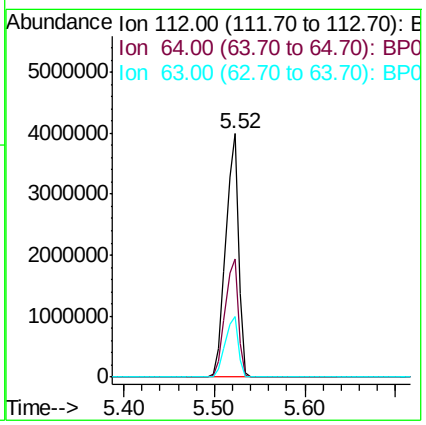


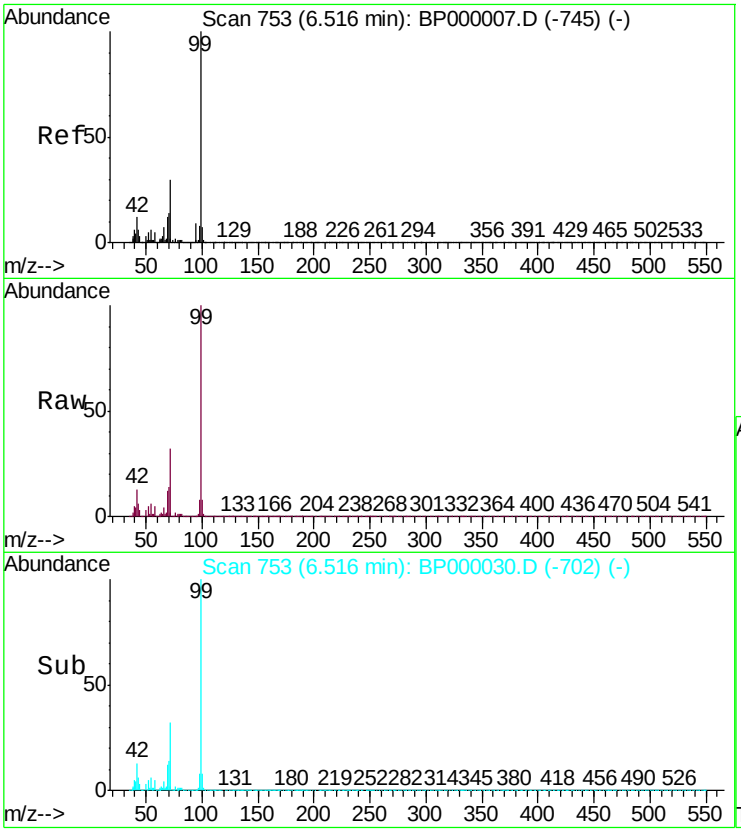


#5
2-Fluorophenol
Concen: 121.420 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BP000030.D
Acq: 31 Aug 2019 08:21

Tgt Ion:112 Resp: 3889664

Ion	Ratio	Lower	Upper
112	100		
64	48.5	41.8	62.8
63	24.9	21.0	31.4



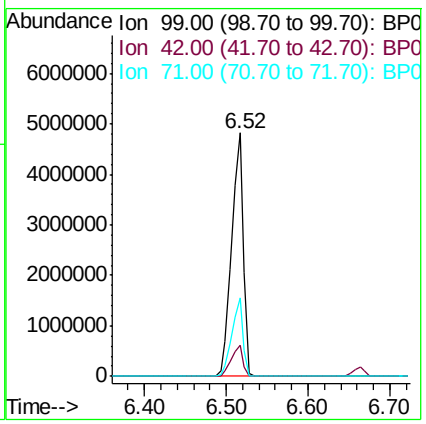


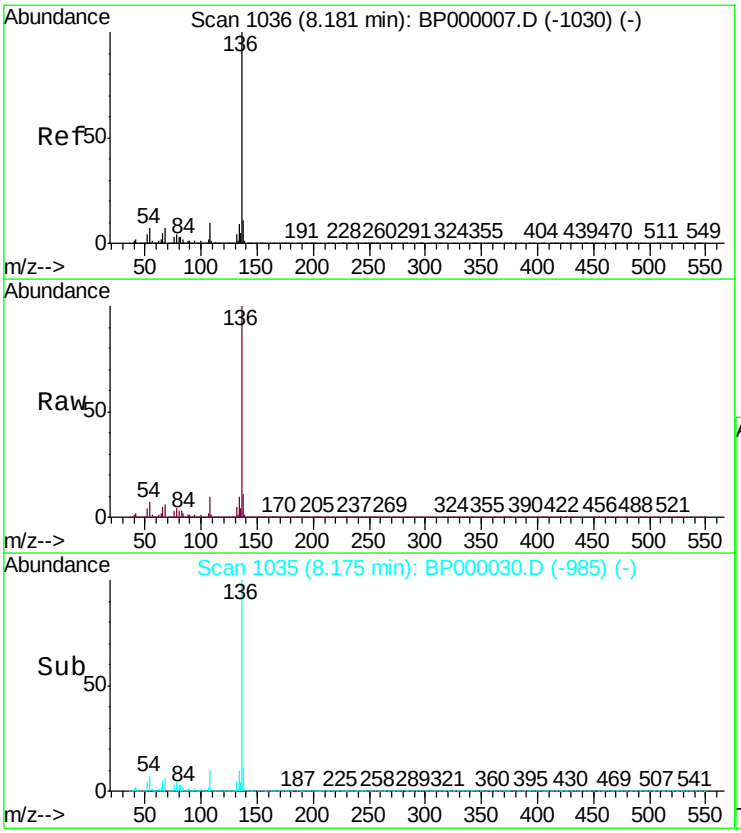
#7
Phenol-d6
Concen: 119.420 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BP000030.D
Acq: 31 Aug 2019 08:21

Instrument :
ClientSampleId :
MDL-S-BL-04

Tgt Ion: 99 Resp: 4829480

Ion	Ratio	Lower	Upper
99	100		
42	12.6	9.8	14.8
71	32.0	23.8	35.8

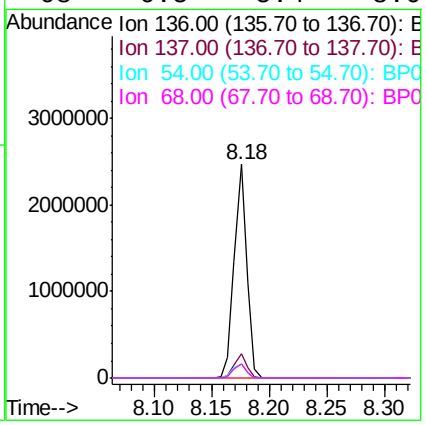


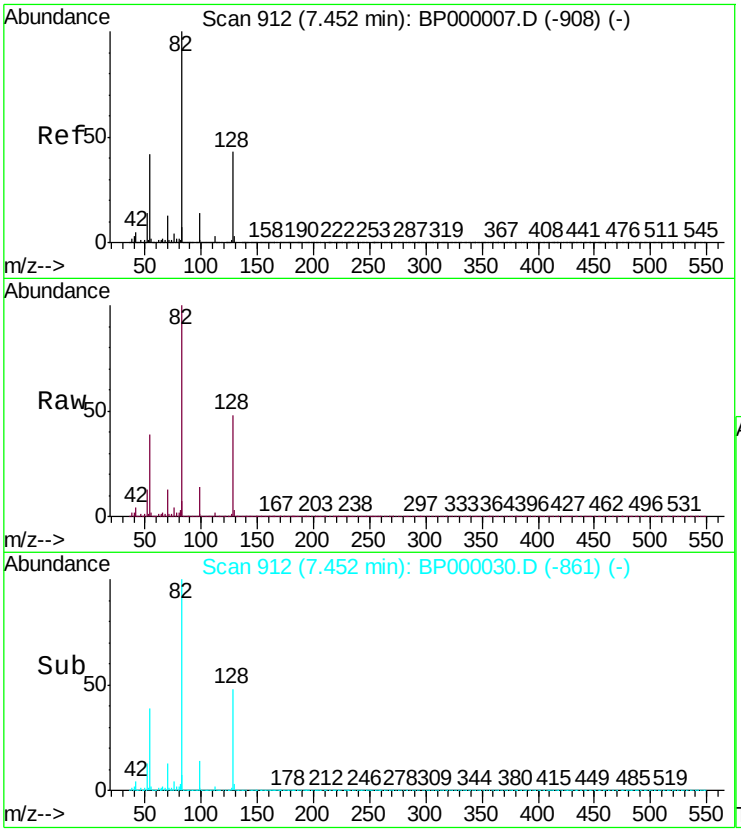


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000030.D
Acq: 31 Aug 2019 08:21

Tgt Ion:136 Resp: 1863578

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.6	5.4	8.2
68	6.5	5.4	8.0



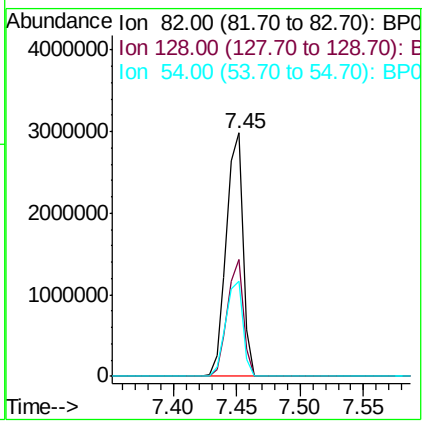


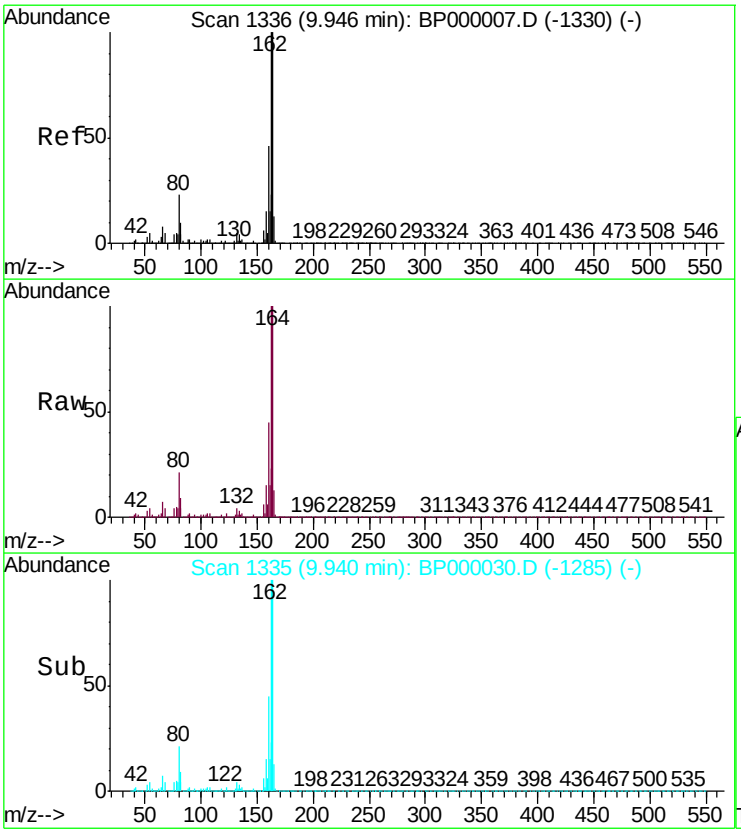
#23
Nitrobenzene-d5
Concen: 89.695 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BP000030.D
Acq: 31 Aug 2019 08:21

Instrument :
ClientSampleId :
MDL-S-BL-04

Tgt Ion: 82 Resp: 2724155

Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.5	51.7
54	38.9	33.2	49.8

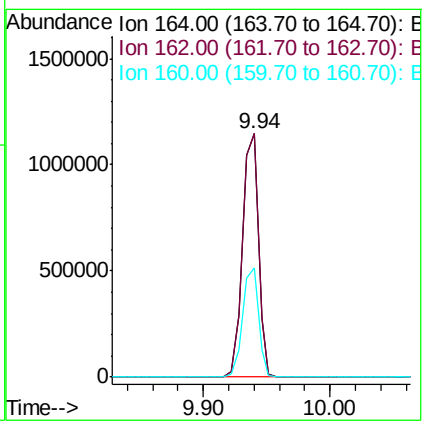


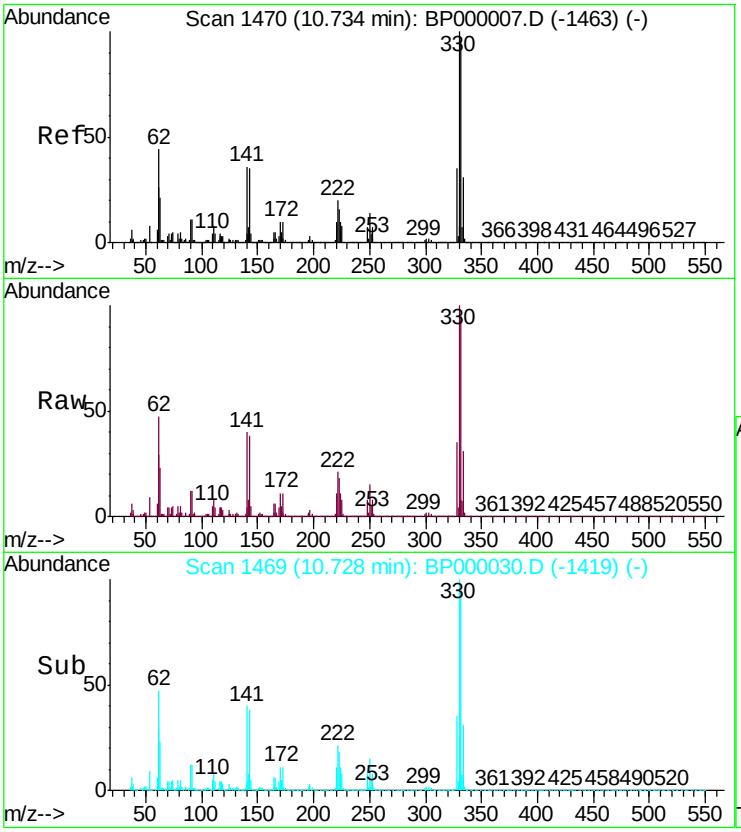


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000030.D
Acq: 31 Aug 2019 08:21

Tgt Ion:164 Resp: 990157

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.4
160	45.0	36.6	55.0



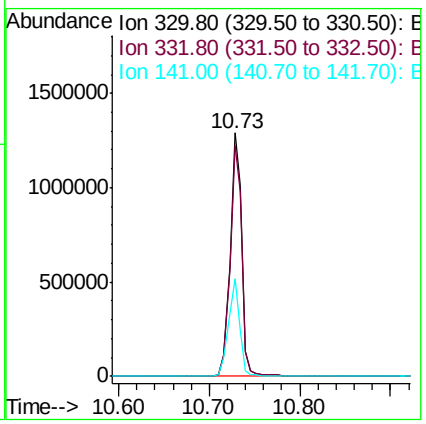


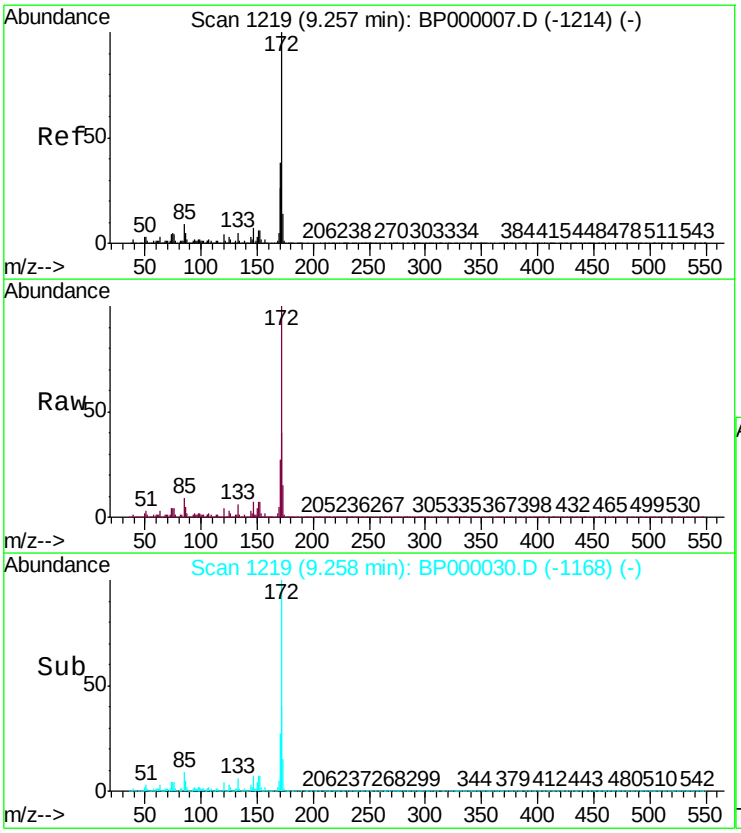
#42
2,4,6-Tribromophenol
Concen: 137.936 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000030.D
Acq: 31 Aug 2019 08:21

Instrument :
ClientSampleId :
MDL-S-BL-04

Tgt Ion:330 Resp: 1151217

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.8	115.2
141	38.8	33.6	50.4

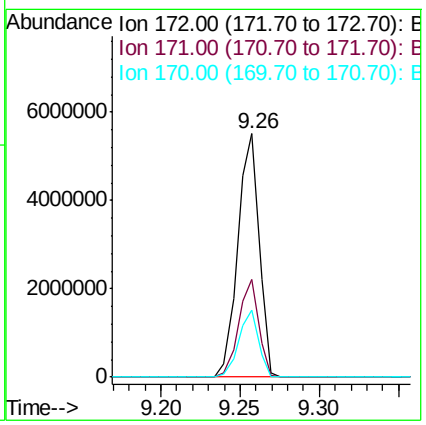


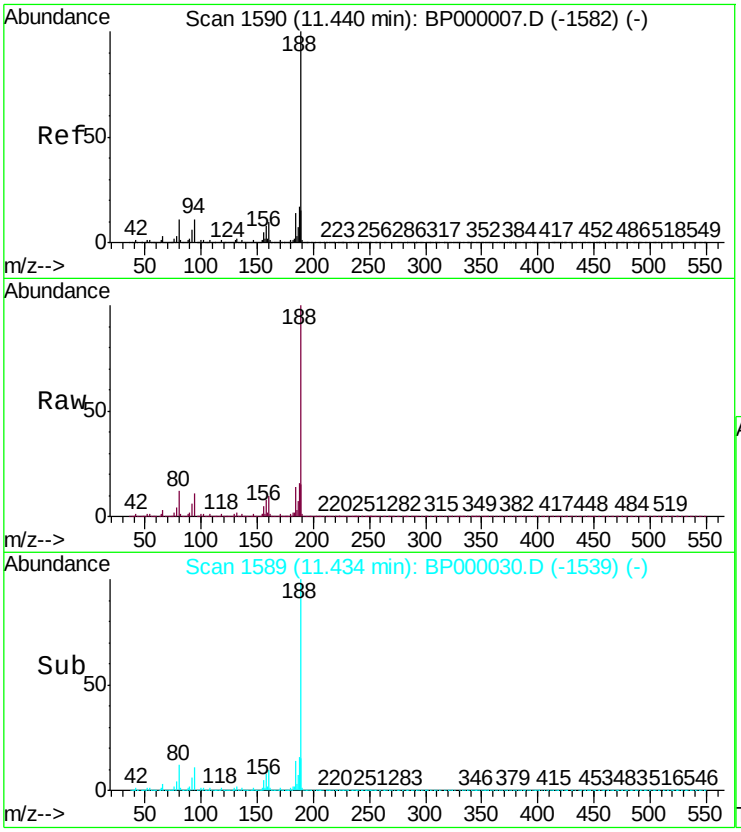


#45
2-Fluorobiphenyl
Concen: 86.275 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BP000030.D
Acq: 31 Aug 2019 08:21

Tgt Ion:172 Resp: 5115343

Ion	Ratio	Lower	Upper
172	100		
171	40.2	30.7	46.1
170	27.3	20.7	31.1



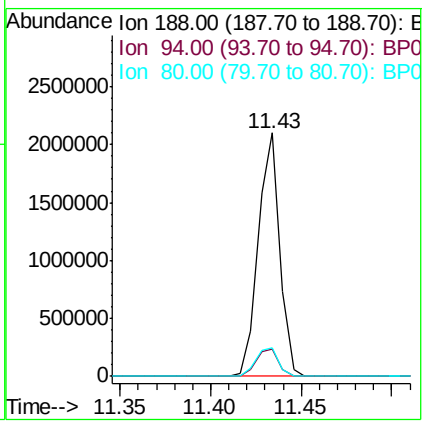


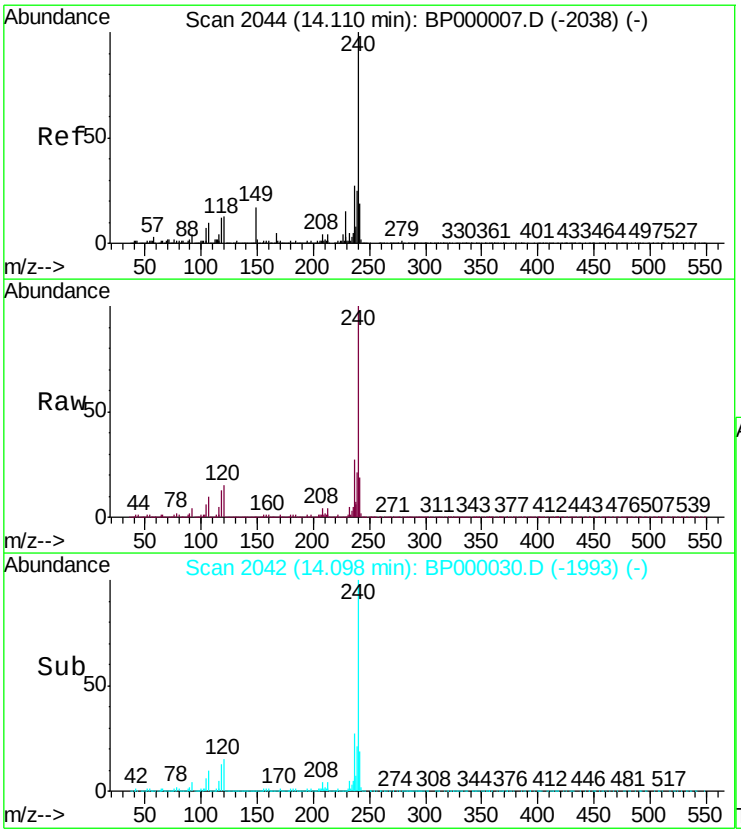
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000030.D
Acq: 31 Aug 2019 08:21

Instrument :
ClientSampleId :
MDL-S-BL-04

Tgt Ion:188 Resp: 1733968

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.8	13.2
80	11.7	9.0	13.6

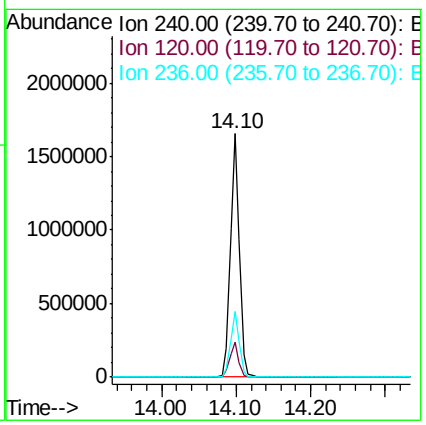


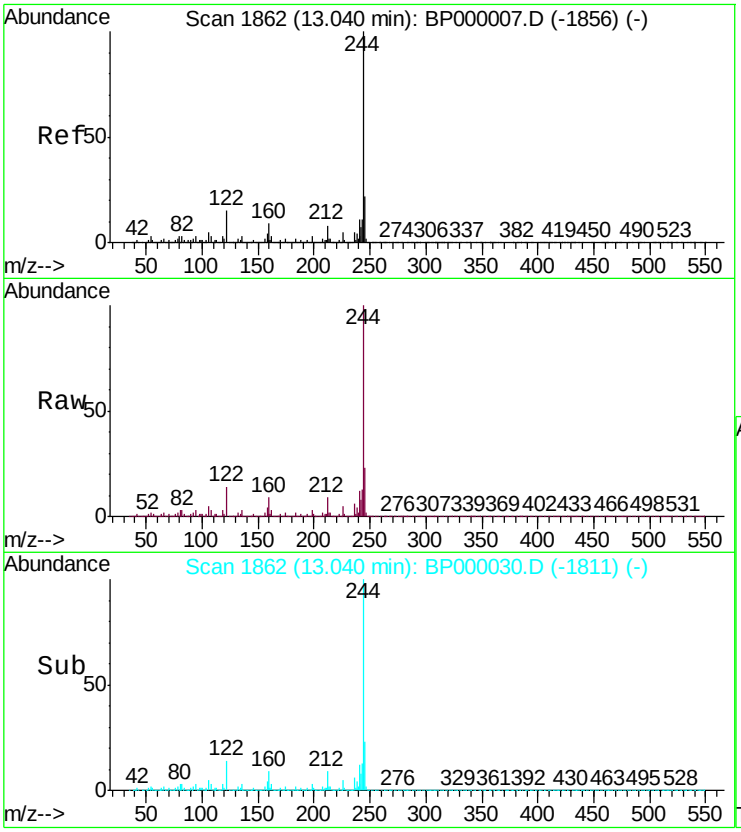


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP000030.D
Acq: 31 Aug 2019 08:21

Tgt Ion:240 Resp: 1421681

Ion	Ratio	Lower	Upper
240	100		
120	14.6	10.5	15.7
236	27.1	21.5	32.3



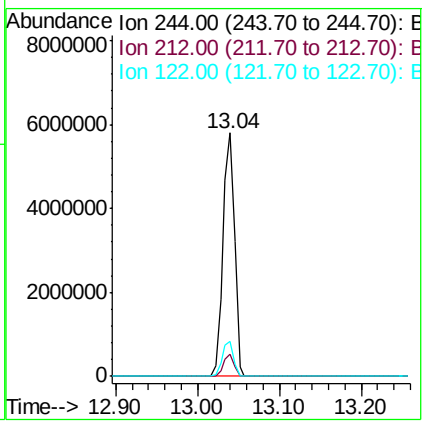


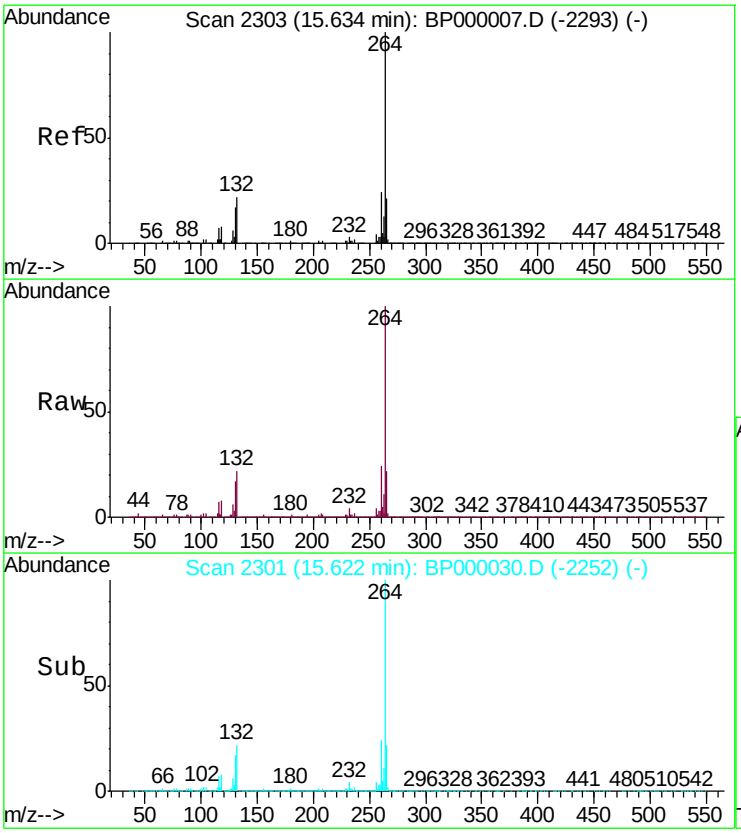
#79
Terphenyl-d14
Concen: 87.207 ng
RT: 13.04 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BP000030.D
Acq: 31 Aug 2019 08:21

Instrument :
ClientSampleId :
MDL-S-BL-04

Tgt Ion:244 Resp: 5688176

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.6	10.0
122	14.4	12.3	18.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP000030.D
Acq: 31 Aug 2019 08:21

Tgt Ion:264 Resp: 1531569

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.5	17.1	25.7