Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000253.D
Acq On : 16 Sep 2019 22:00
Operator : HP/JU
Sample : K4877-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CSA-2-2

Quant Time: Sep 17 06:12:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 18:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	313035	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	1148967	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	624599	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1113003	20.00	ng		0.00
76) Chrysene-d12	13.99	240	921529	20.00	ng		-0.01
87) Perylene-d12	15.47	264	1042988	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1439319	79.38	ng		0.00
7) Phenol-d6	6.42	99	1833341	82.48	ng		0.00
23) Nitrobenzene-d5	7.35	82	997998	56.04	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	505636	81.62	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2050448	59.08	ng		0.00
79) Terphenyl-d14	12.93	244	2190383	49.86	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.33	77	2962	Below Cal			91
10) Phenol	6.43	94	76924	3.046	ng		95
19) n-Nitroso-di-n-propylamine	7.35	70	122686	10.440	ng	#	75
25) Isophorone	7.35	82	996895	28.271	ng	#	63
50) Dimethylphthalate	9.54	163	258758	6.081	ng		99
51) 2,6-Dinitrotoluene	9.83	165	82922	8.862	ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	82922	6.779	ng	#	35
67) 4-Bromophenyl-phenylether	10.62	248	34390	2.732	ng	#	1
69) Atrazine	11.03	200	310	Below Cal		#	1
71) Phenanthrene	11.35	178	133026	2.385	ng		98
75) Fluoranthene	12.55	202	317127	5.295	ng		98
78) Pyrene	12.77	202	271101	3.932	ng		98
81) Benzo(a)anthracene	14.01	228	186358	3.201	ng		94
83) Chrysene	14.01	228	186358	3.261	ng		96
88) Benzo(b)fluoranthene	15.04	252	349607	5.619	ng	#	97
89) Benzo(k)fluoranthene	15.04	252	349607	6.441	ng	#	97
90) Benzo(a)pyrene	15.40	252	142963	2.525	ng	#	93
92) Benzo(g,h,i)perylene	17.39	276	111759	2.060	ng		98

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

Quantitation Report (Not Reviewed)

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QLast Update : Mon Sep 16 18:59:05 2019
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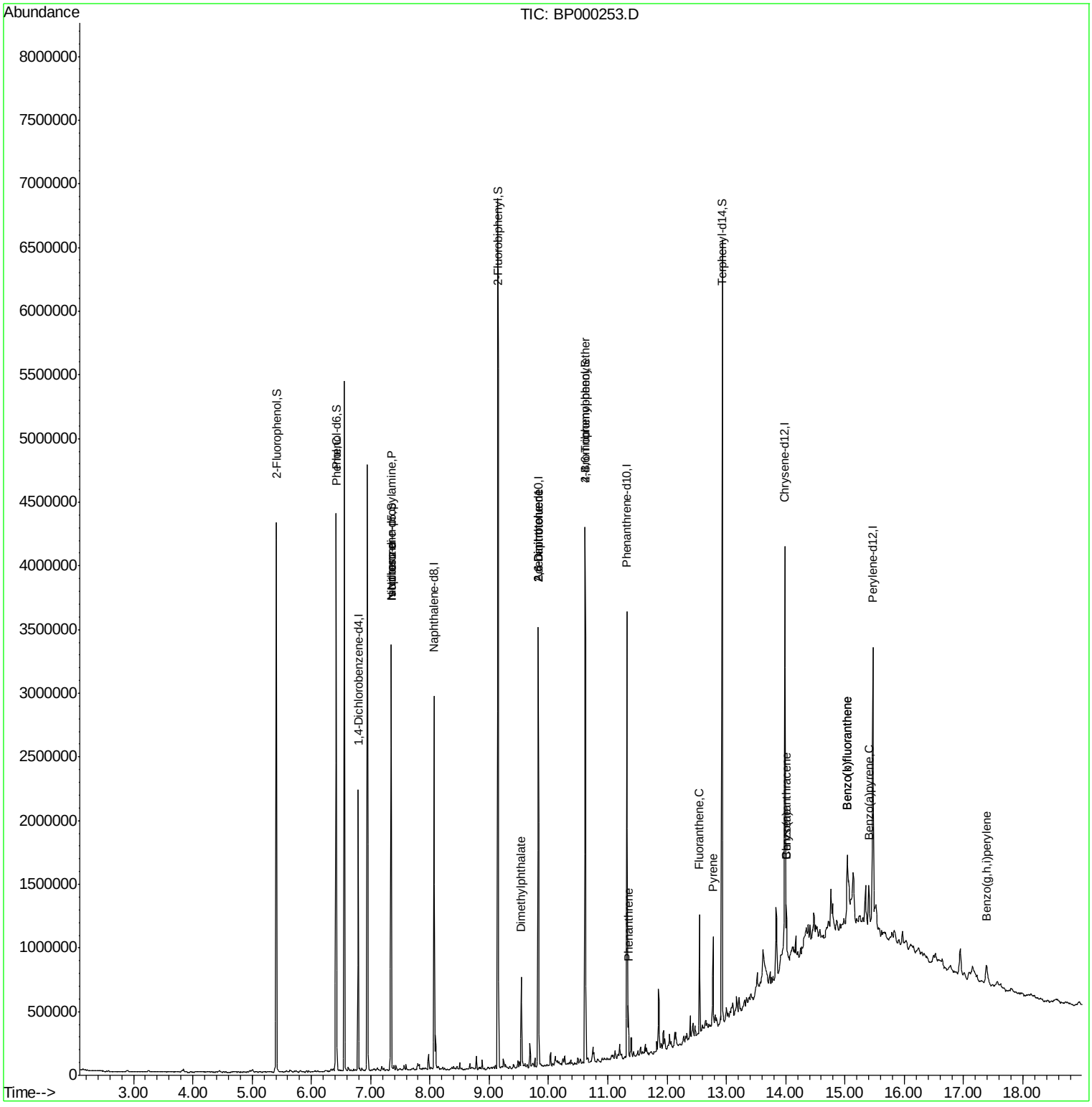
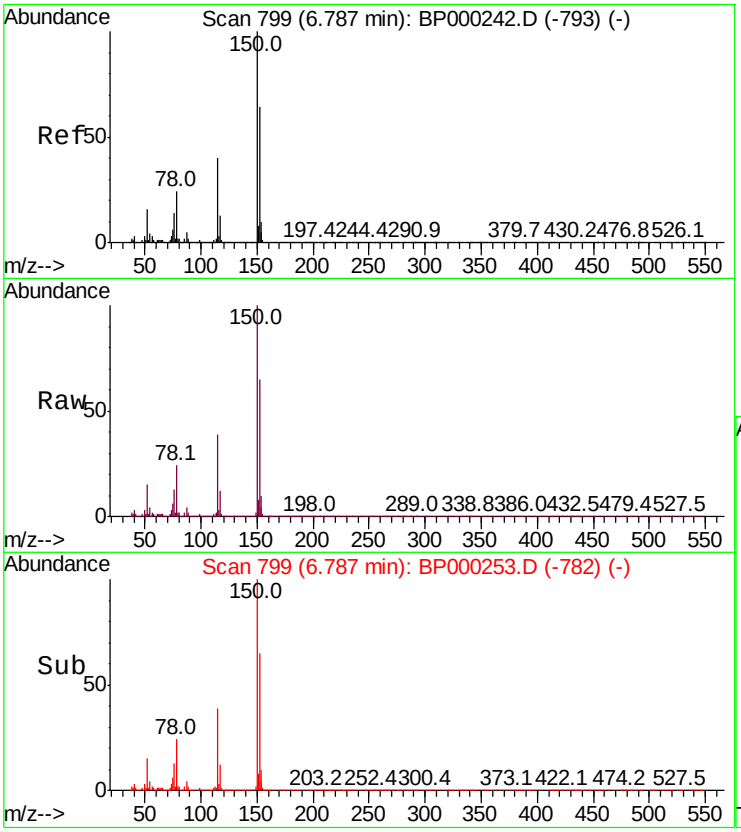


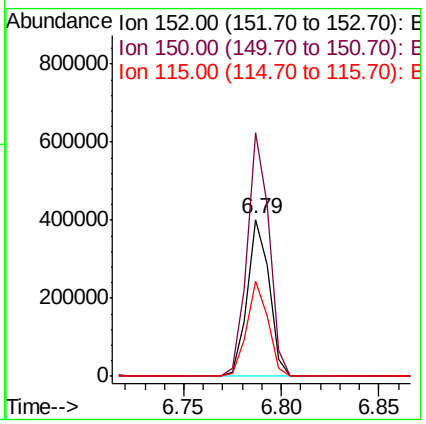


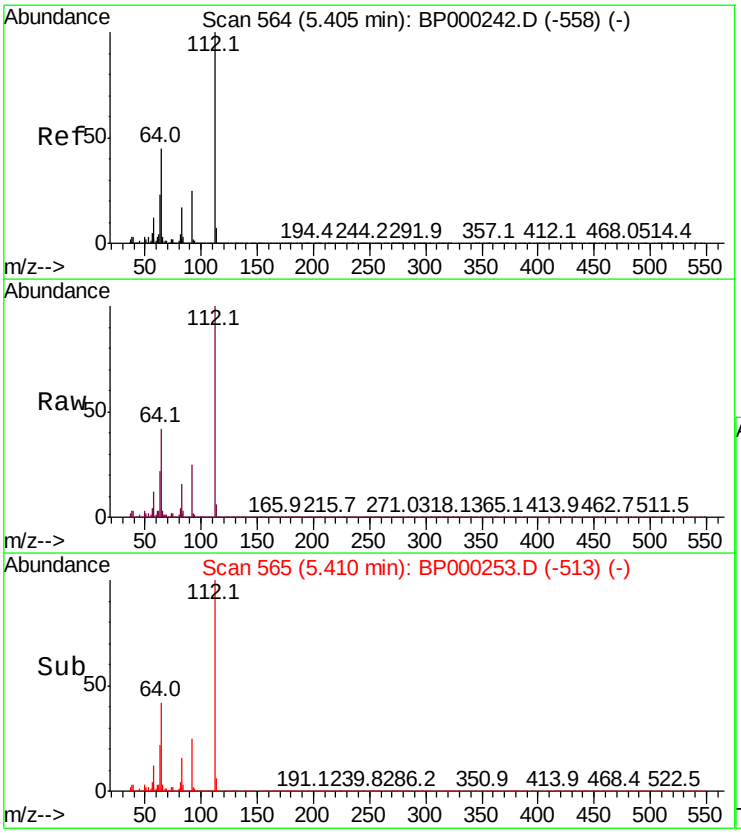
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Instrument :
BNA_P
ClientSampleId :
CSA-2-2

Tgt Ion:152 Resp: 313035

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.2	187.8
115	60.2	49.7	74.5

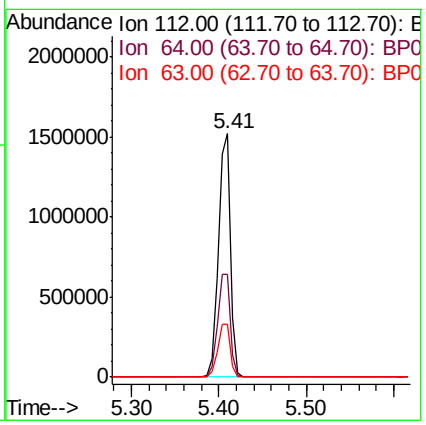


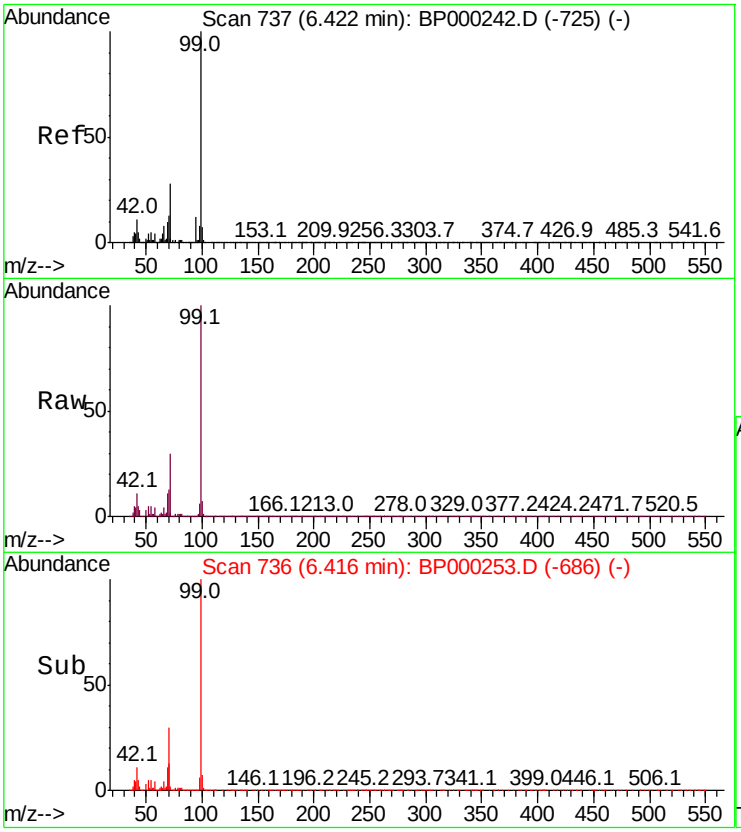


#5
2-Fluorophenol
Concen: 79.377 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Tgt Ion:112 Resp: 1439319

Ion	Ratio	Lower	Upper
112	100		
64	42.3	36.2	54.4
63	21.6	18.3	27.5



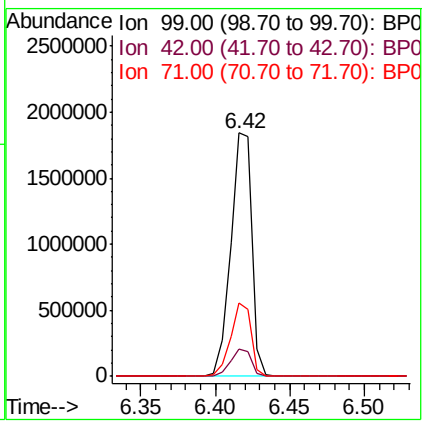


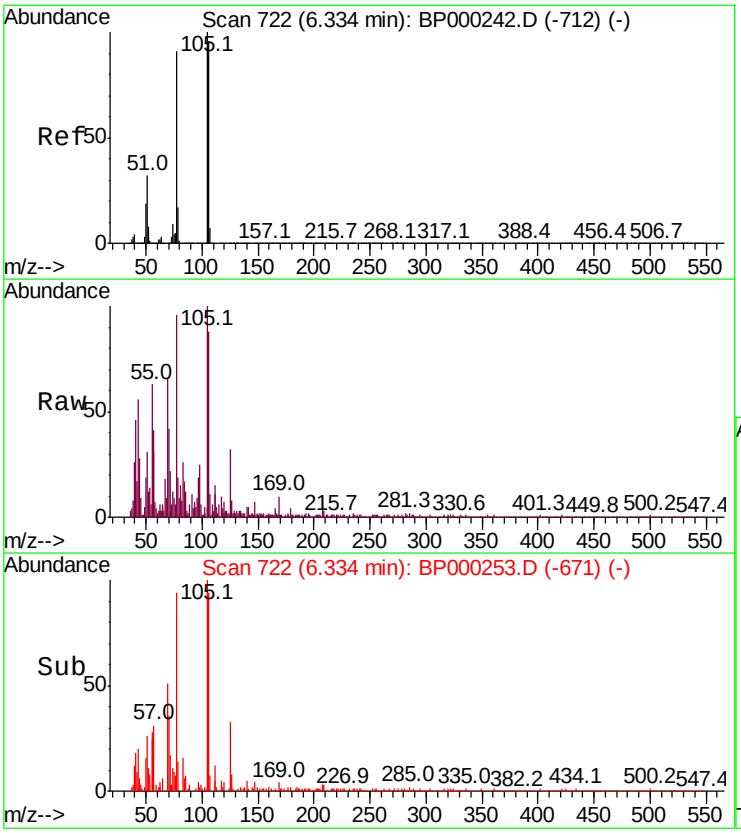
#7
Phenol-d6
Concen: 82.483 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Instrument :
BNA_P
ClientSampleId :
CSA-2-2

Tgt Ion: 99 Resp: 1833341

Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.5	12.7
71	30.1	22.6	34.0

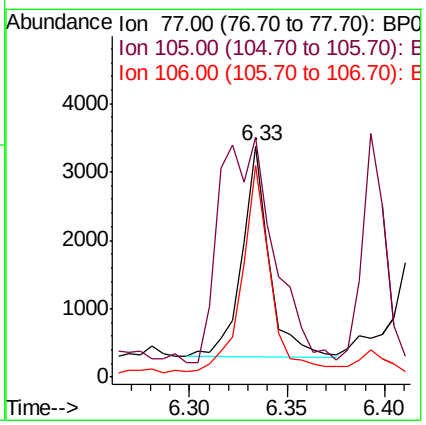


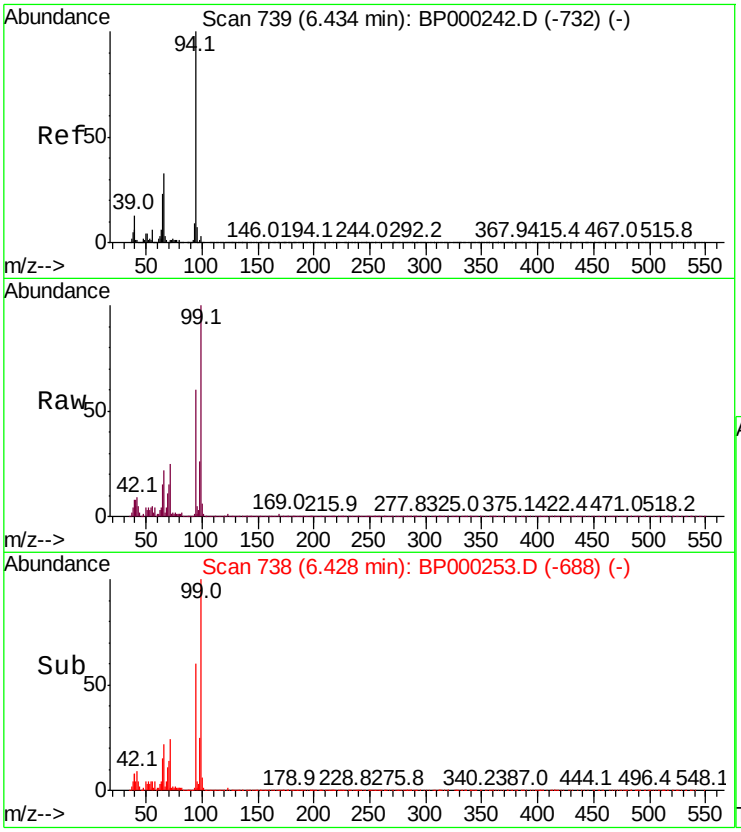


#9
Benzaldehyde
Concen: Below Cal
RT: 6.33 min Scan# 722
Delta R.T. -0.00 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Tgt Ion: 77 Resp: 2962

Ion	Ratio	Lower	Upper
77	100		
105	103.8	89.6	129.6
106	91.5	84.6	124.6



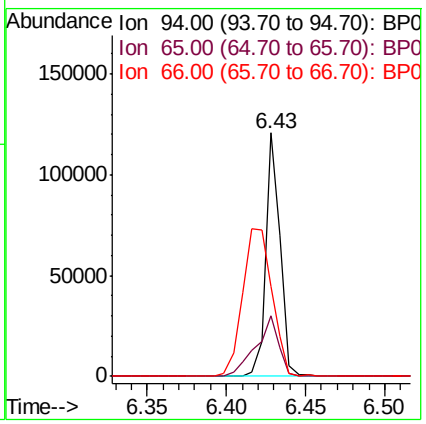


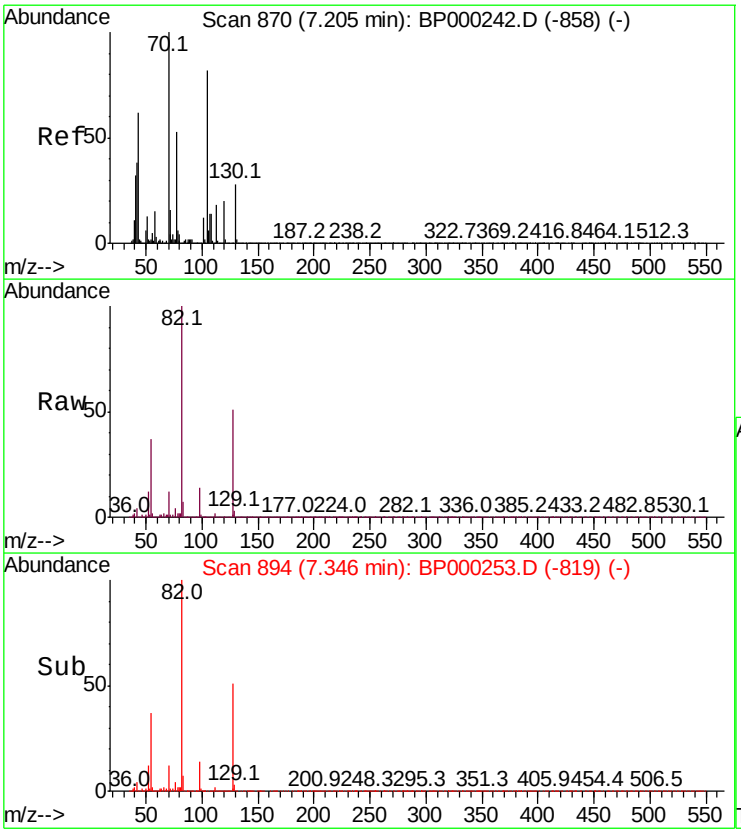
#10
Phenol
Concen: 3.046 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Instrument :
BNA_P
ClientSampleId :
CSA-2-2

Tgt Ion: 94 Resp: 76924

Ion	Ratio	Lower	Upper
94	100		
65	24.7	3.3	43.3
66	36.8	12.7	52.7

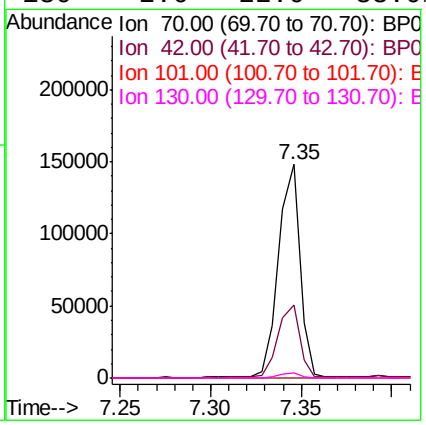


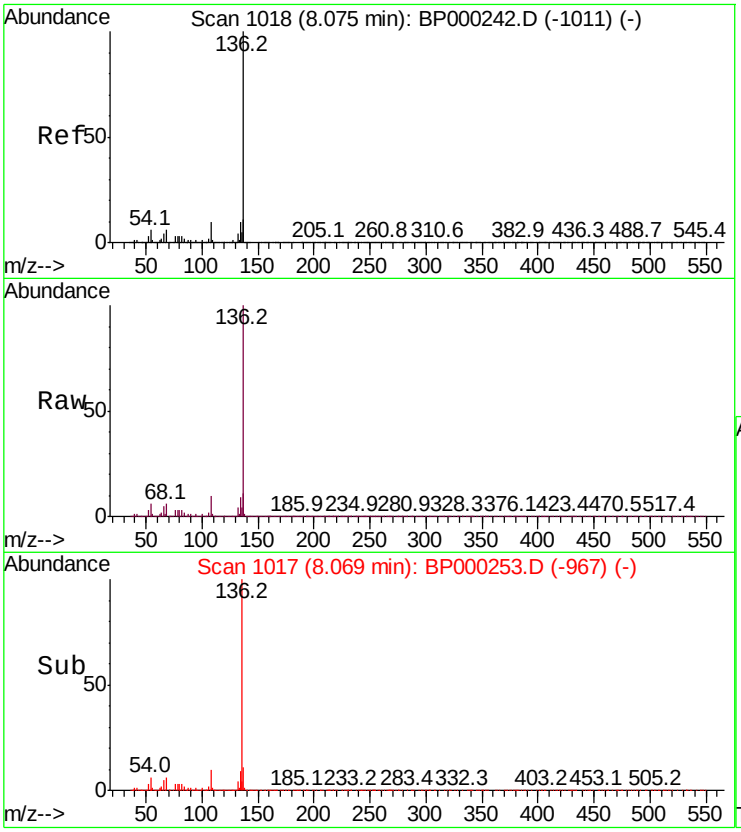


#19
n-Nitroso-di-n-propylamine
Concen: 10.440 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Tgt Ion: 70 Resp: 122686

Ion	Ratio	Lower	Upper
70	100		
42	34.3	30.7	46.1
101	0.1	9.6	14.4#
130	2.6	22.0	33.0#



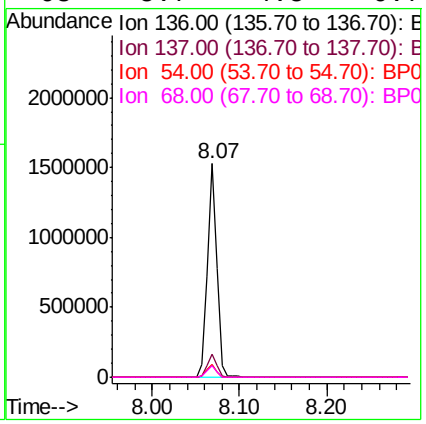


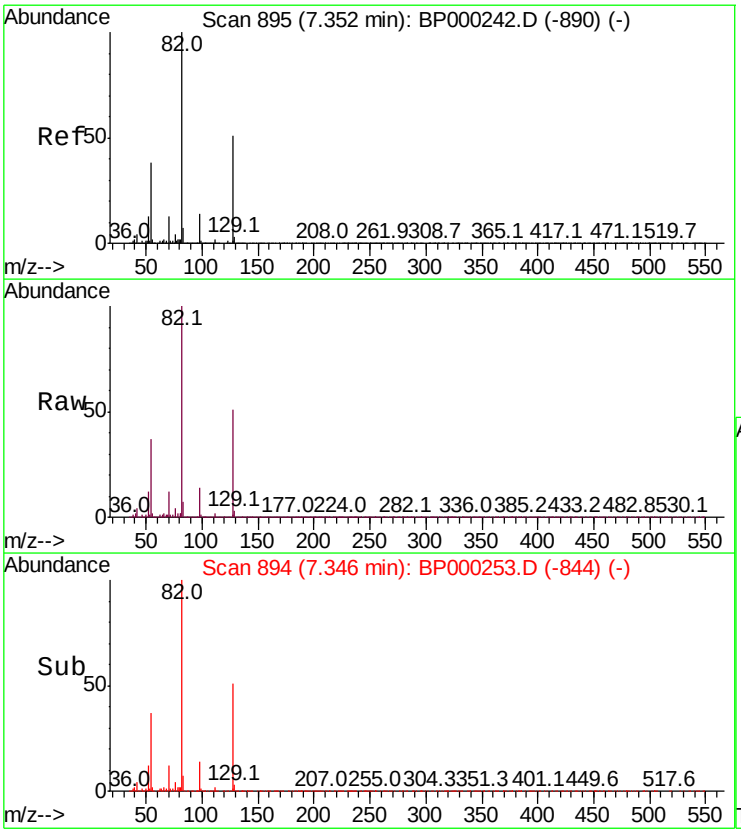
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Instrument :
BNA_P
ClientSampleId :
CSA-2-2

Tgt Ion:136 Resp: 1148967

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.8	4.5	6.7
68	5.7	4.5	6.7

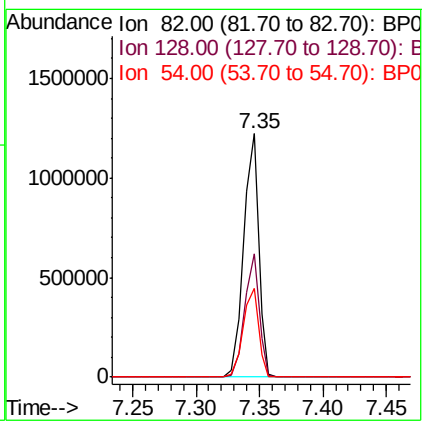


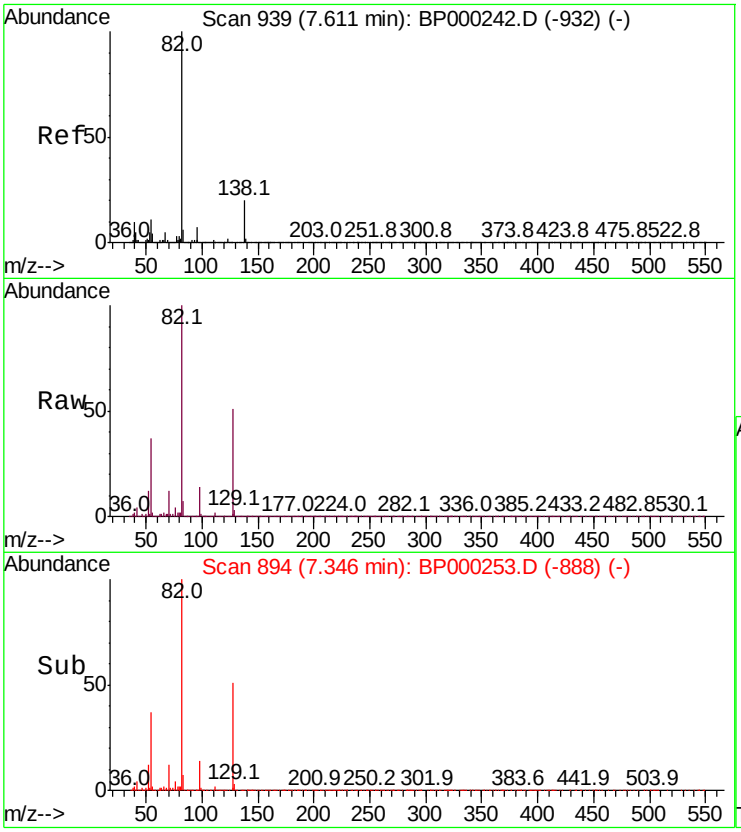


#23
Nitrobenzene-d5
Concen: 56.042 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Tgt Ion: 82 Resp: 997998

Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.7	61.1
54	36.7	30.1	45.1



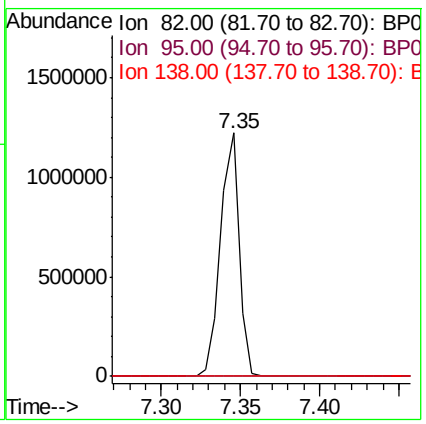


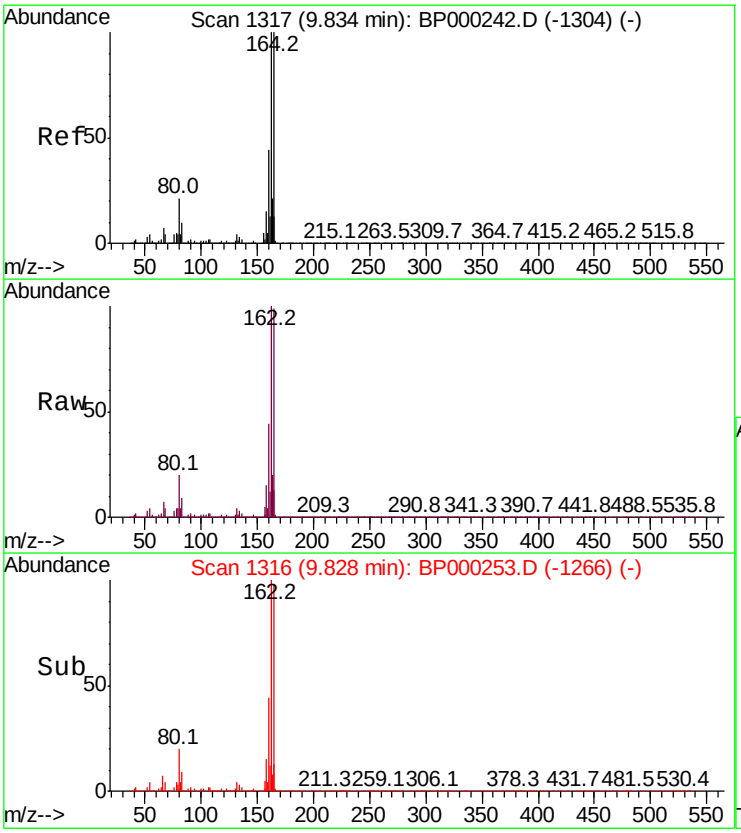
#25
Isophorone
Concen: 28.271 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Instrument :
BNA_P
ClientSampleId :
CSA-2-2

Tgt Ion: 82 Resp: 996895

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.9	8.9#
138	0.0	15.9	23.9#

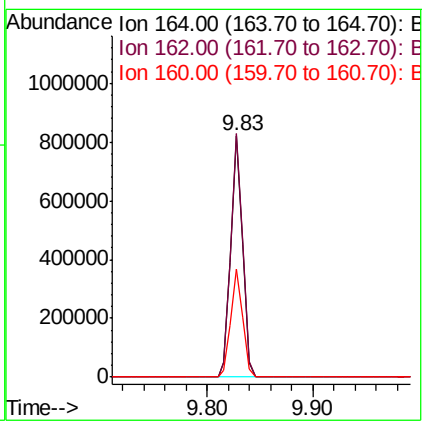


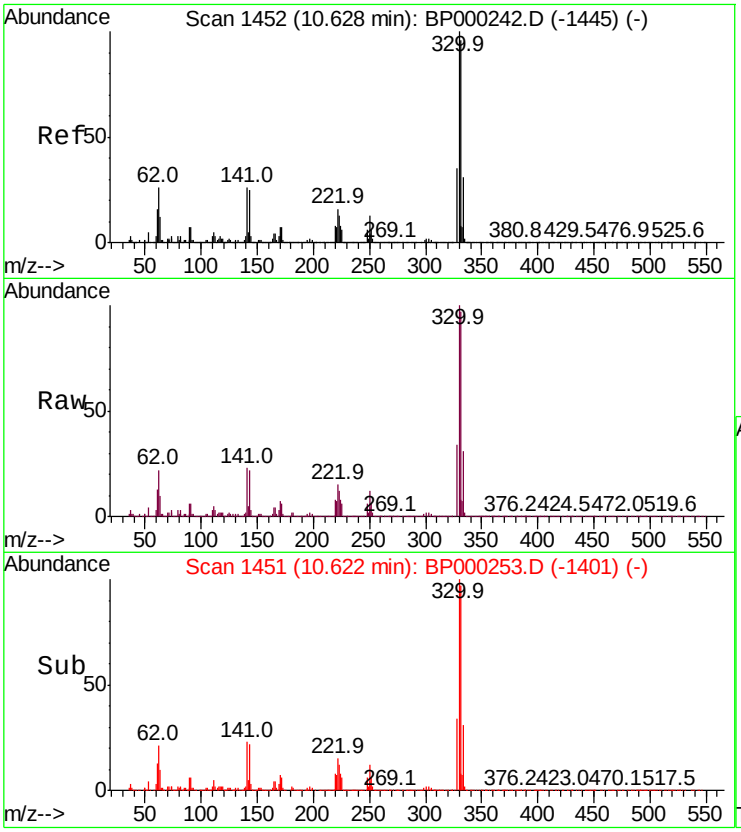


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Tgt Ion:164 Resp: 624599

Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.9	119.9
160	44.7	35.6	53.4



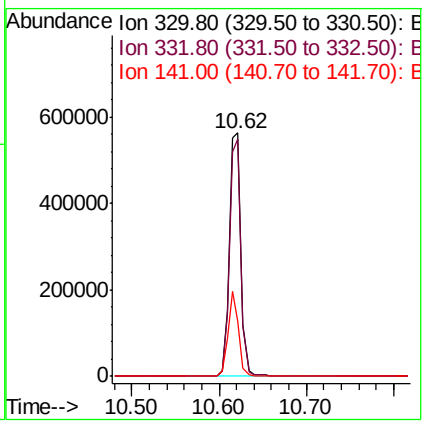


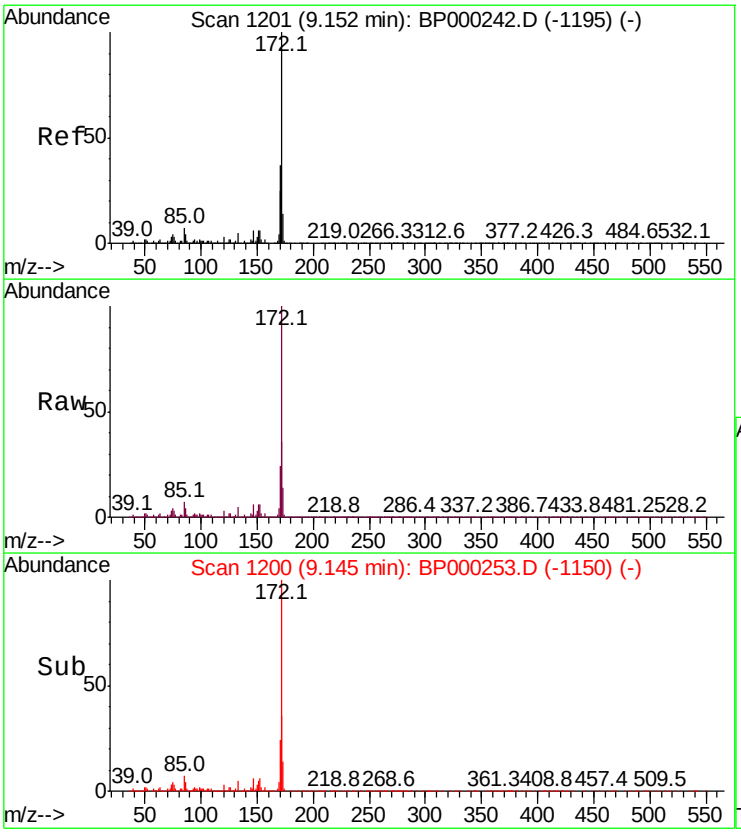
#42
2,4,6-Tribromophenol
Concen: 81.618 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Instrument :
BNA_P
ClientSampleId :
CSA-2-2

Tgt Ion:330 Resp: 505636

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	30.9	26.5	39.7

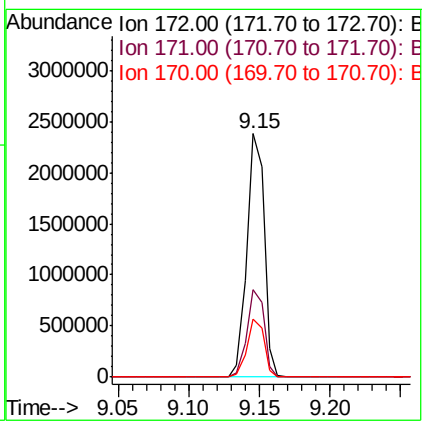


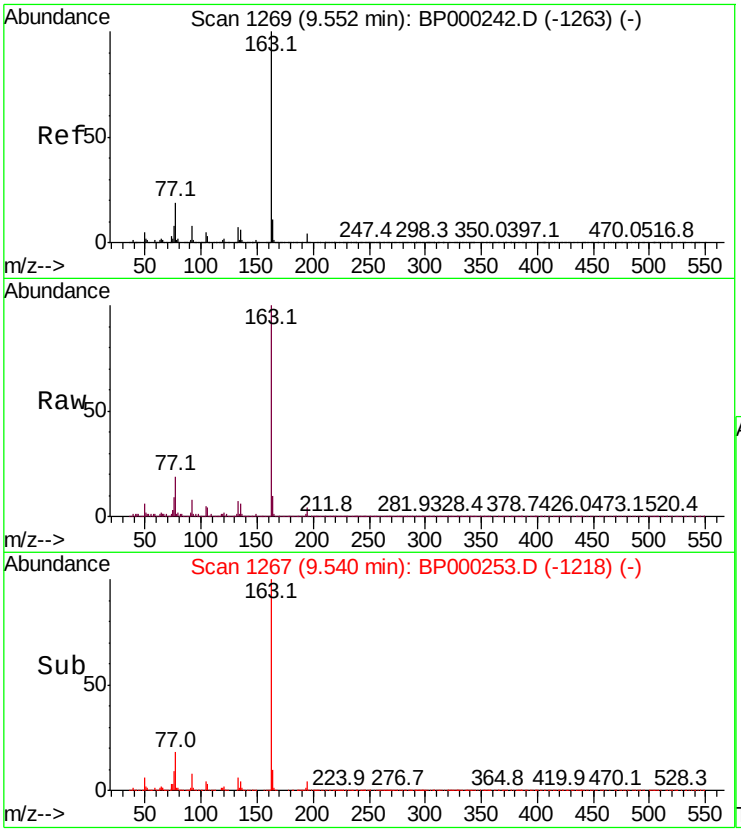


#45
2-Fluorobiphenyl
Concen: 59.085 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Tgt Ion:172 Resp: 2050448

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	23.9	19.8	29.6



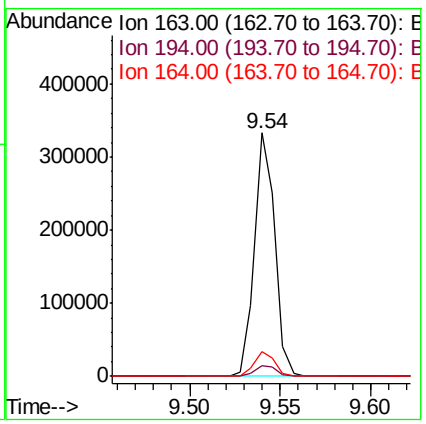


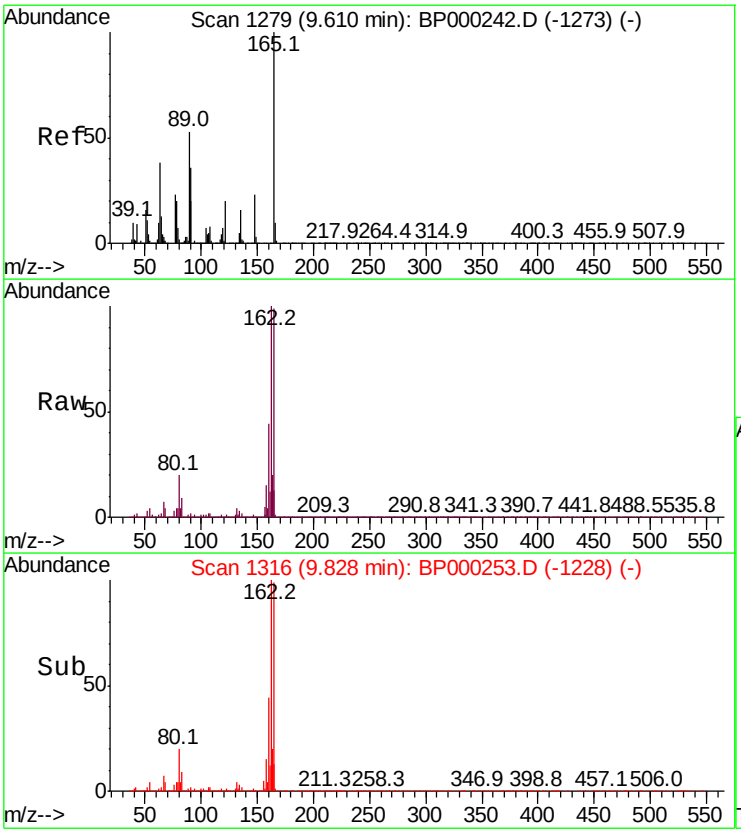
#50
Dimethylphthalate
Concen: 6.081 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Instrument :
BNA_P
ClientSampleId :
CSA-2-2

Tgt Ion:163 Resp: 258758

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	8.5	12.7

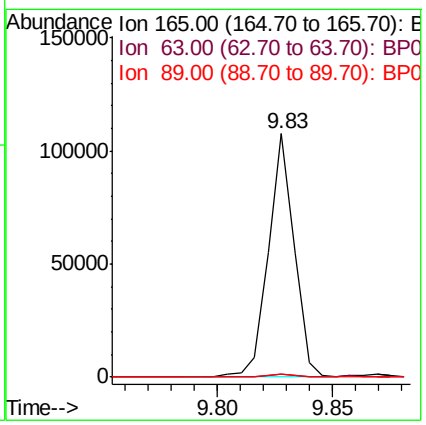


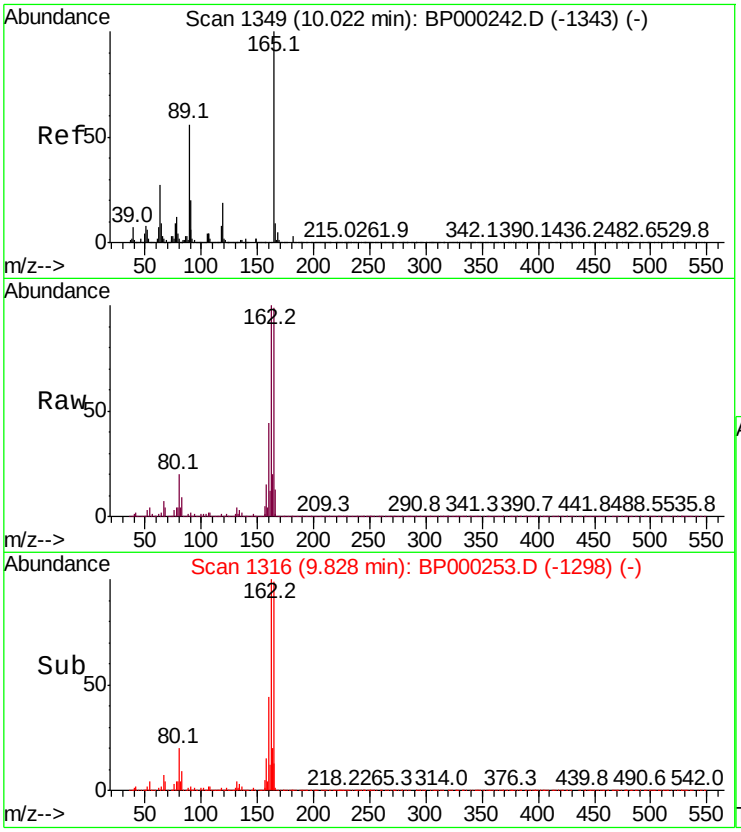


#51
2,6-Dinitrotoluene
Concen: 8.862 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.22 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Tgt Ion:165 Resp: 82922

Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.8	53.8#
89	1.2	42.6	63.8#



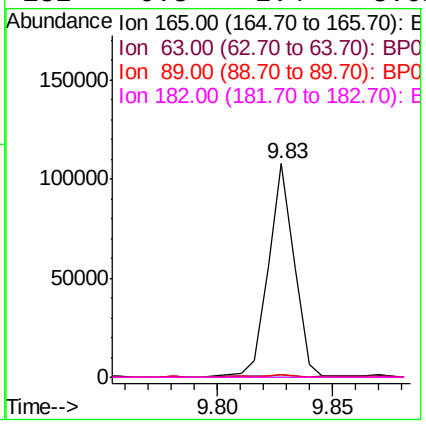


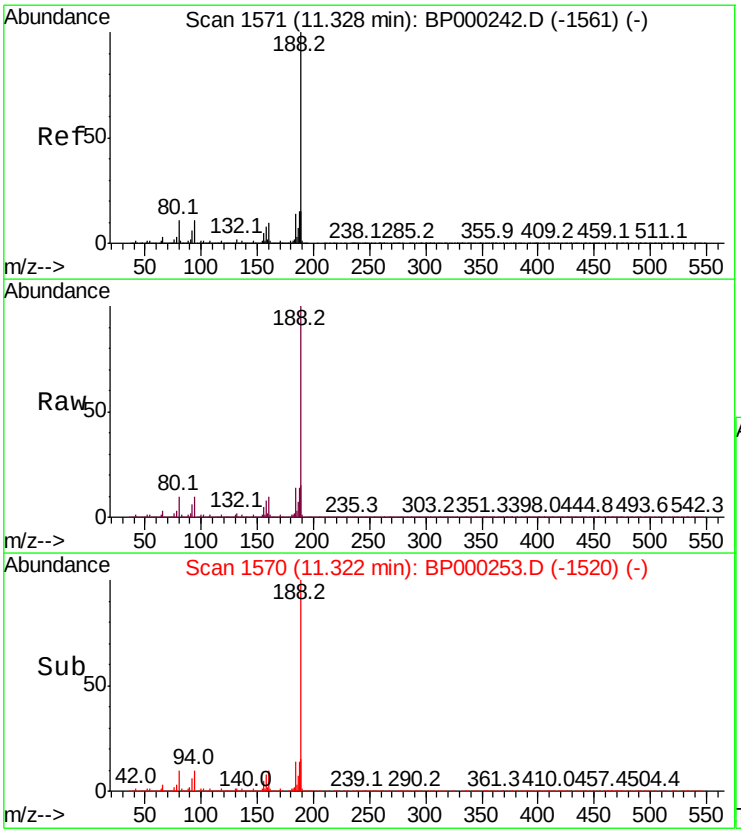
#57
2,4-Dinitrotoluene
Concen: 6.779 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Instrument :
BNA_P
ClientSampleId :
CSA-2-2

Tgt Ion:165 Resp: 82922

Ion	Ratio	Lower	Upper
165	100		
63	1.1	21.7	32.5#
89	1.2	45.0	67.6#
182	0.3	2.4	3.6#

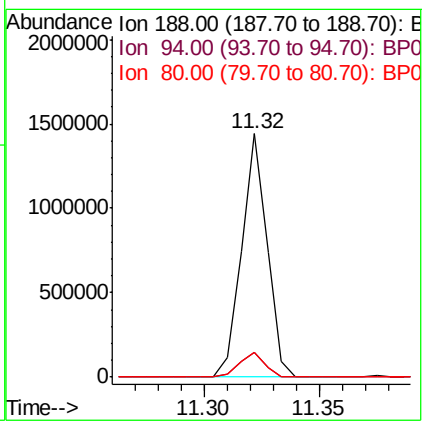


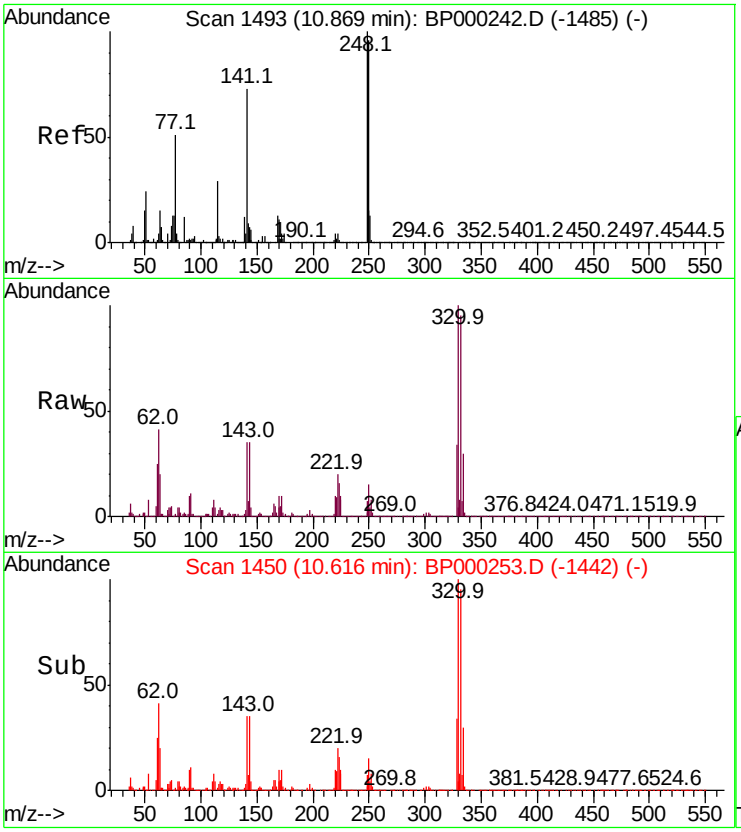


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Tgt Ion:188 Resp: 1113003

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.2	8.6	13.0



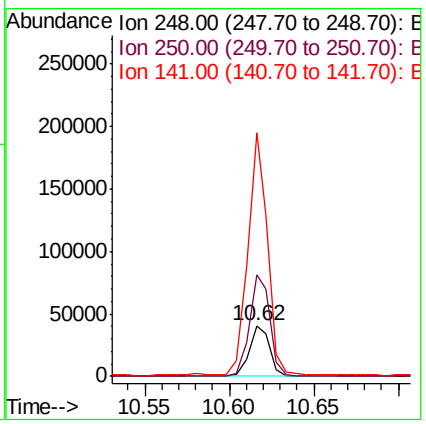


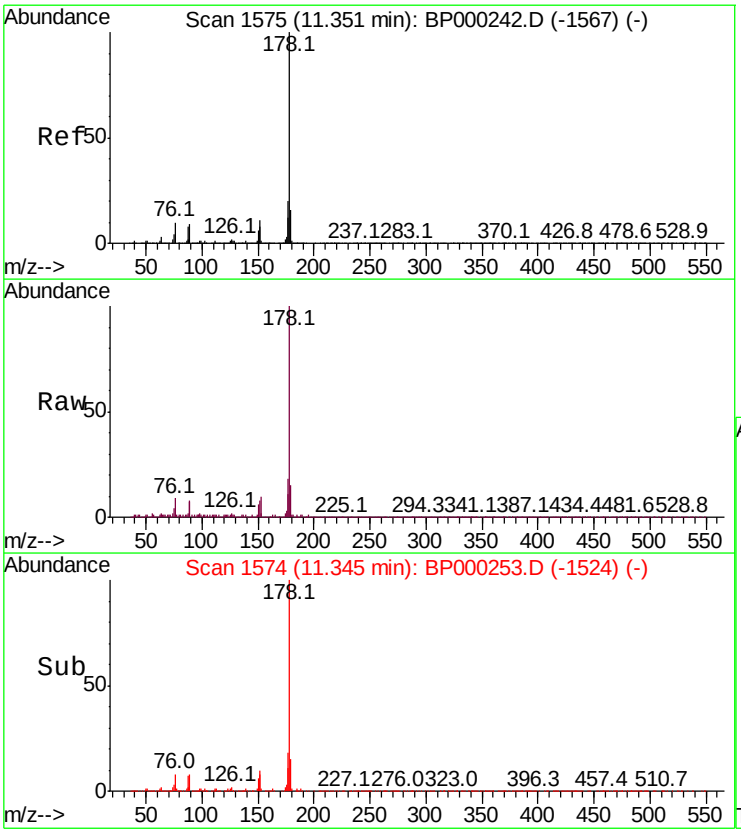
#67
4-Bromophenyl-phenylether
Concen: 2.732 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Instrument :
BNA_P
ClientSampleId :
CSA-2-2

Tgt Ion:248 Resp: 34390

Ion	Ratio	Lower	Upper
248	100		
250	198.4	77.0	115.4#
141	477.7	58.5	87.7#

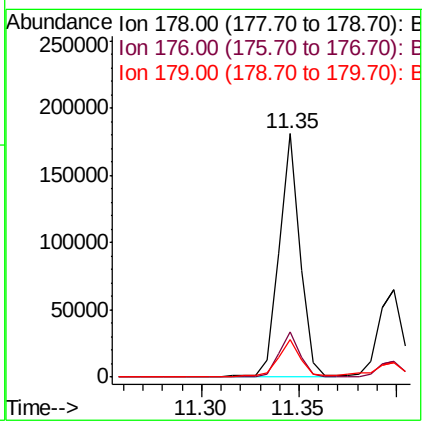


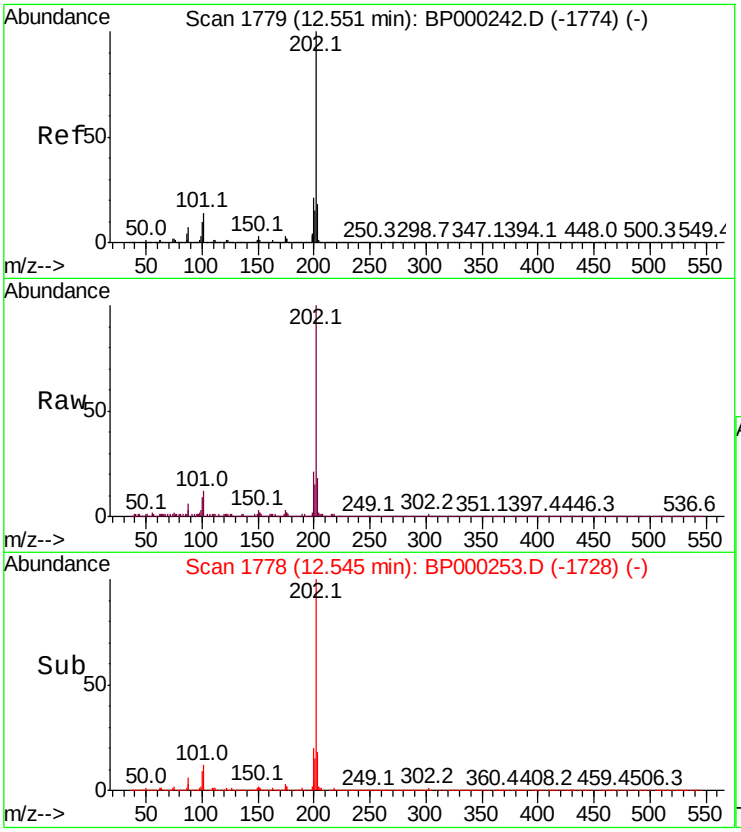


#71
Phenanthrene
Concen: 2.385 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Tgt Ion:178 Resp: 133026

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.4	12.7	19.1



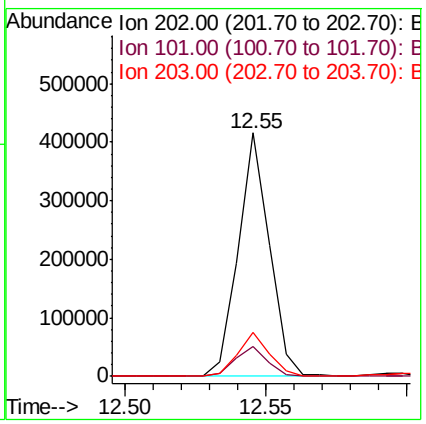


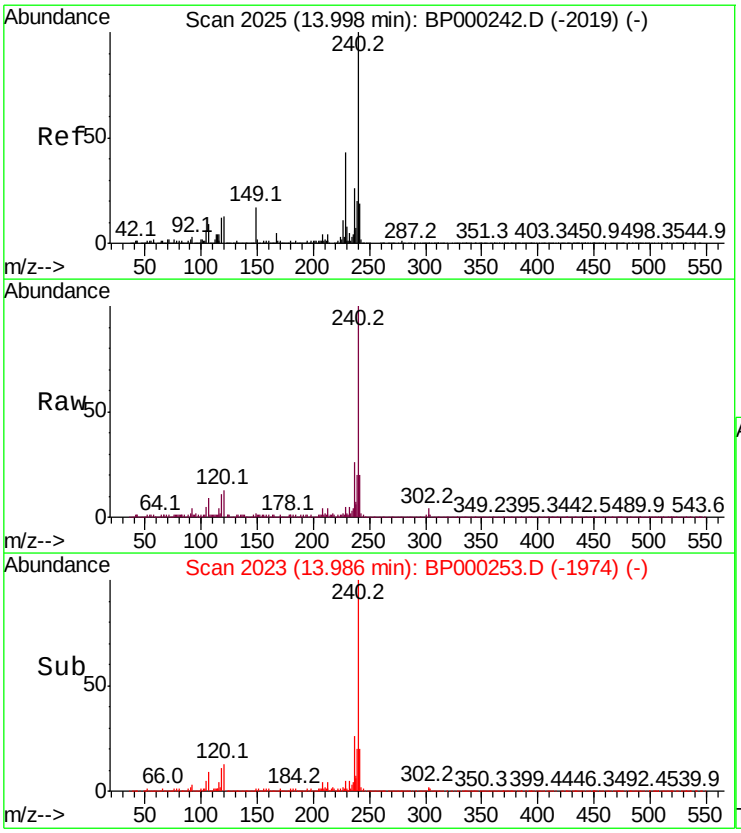
#75
Fluoranthene
Concen: 5.295 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Instrument :
BNA_P
ClientSampleId :
CSA-2-2

Tgt Ion:202 Resp: 317127

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.9
203	17.9	0.0	38.0

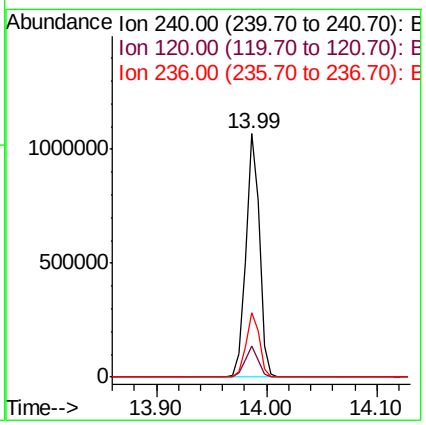


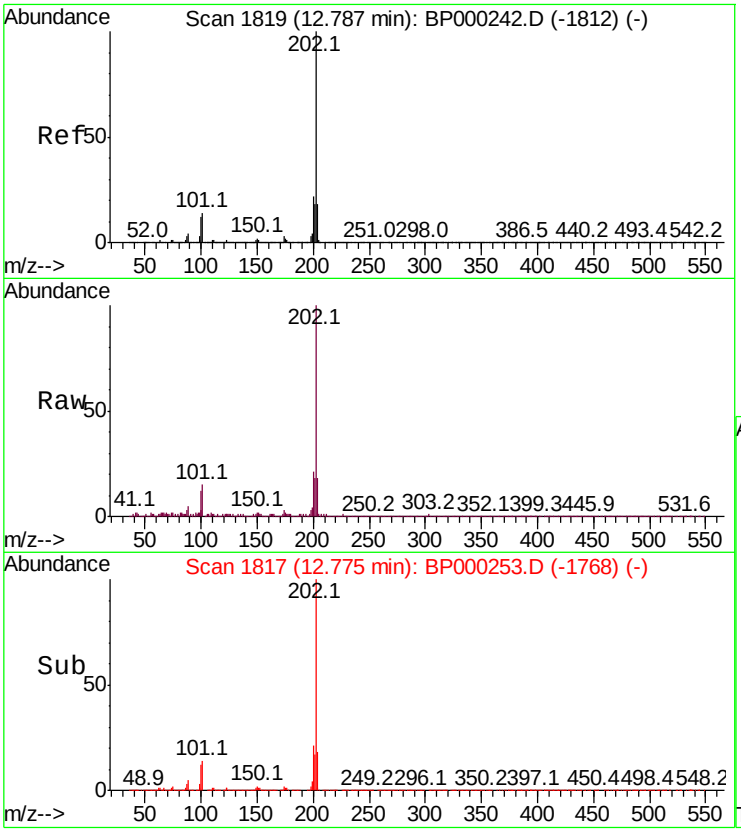


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Tgt Ion:240 Resp: 921529

Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.4	15.6
236	26.5	21.0	31.6



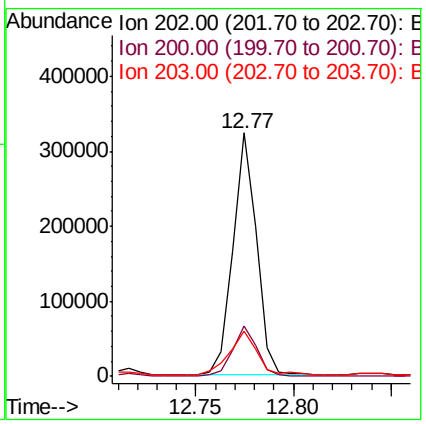


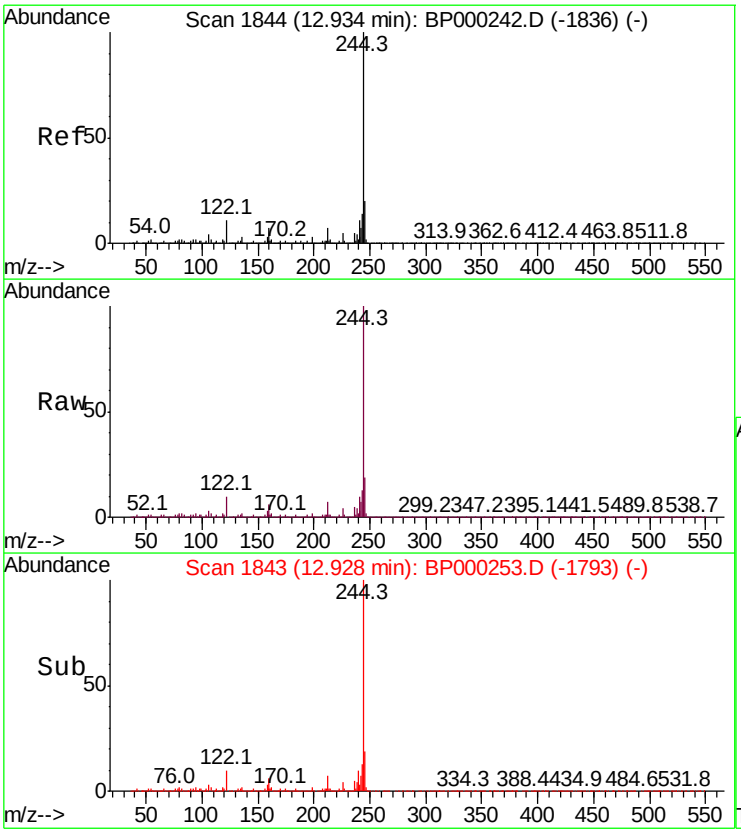
#78
Pyrene
Concen: 3.932 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Instrument :
BNA_P
ClientSampleId :
CSA-2-2

Tgt Ion:202 Resp: 271101

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.5	26.3
203	18.3	14.3	21.5

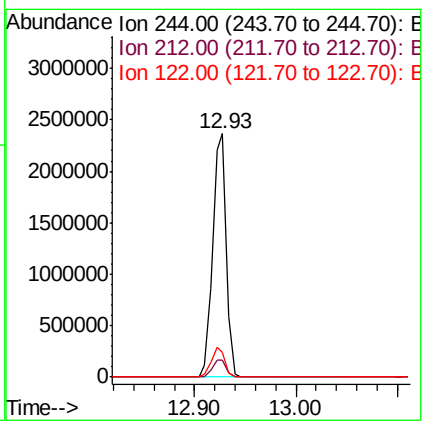


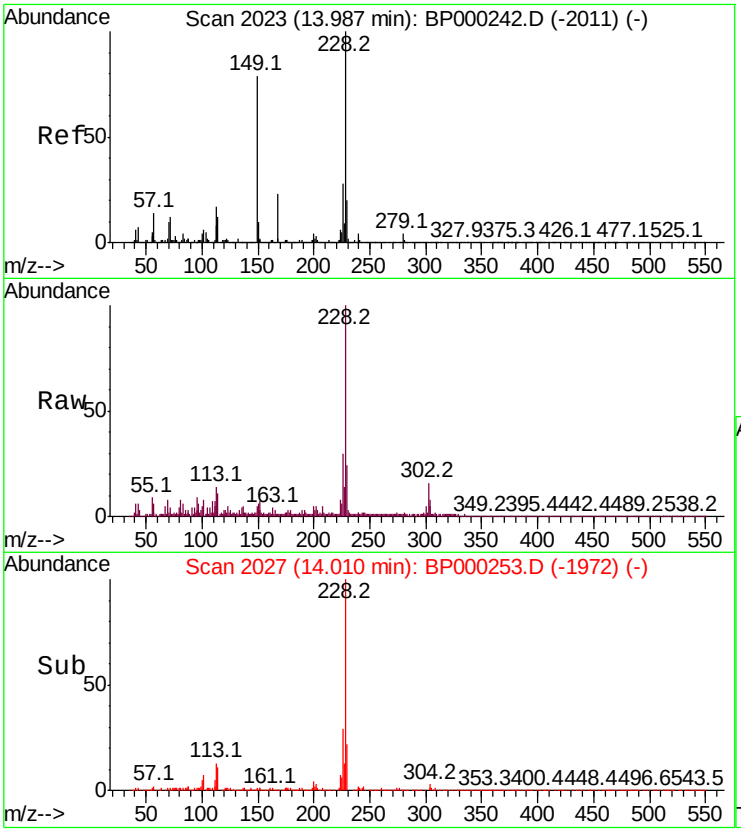


#79
Terphenyl-d14
Concen: 49.864 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Tgt Ion:244 Resp: 2190383

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	9.9	9.0	13.4



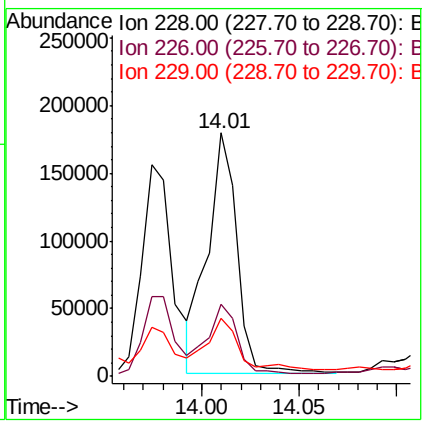


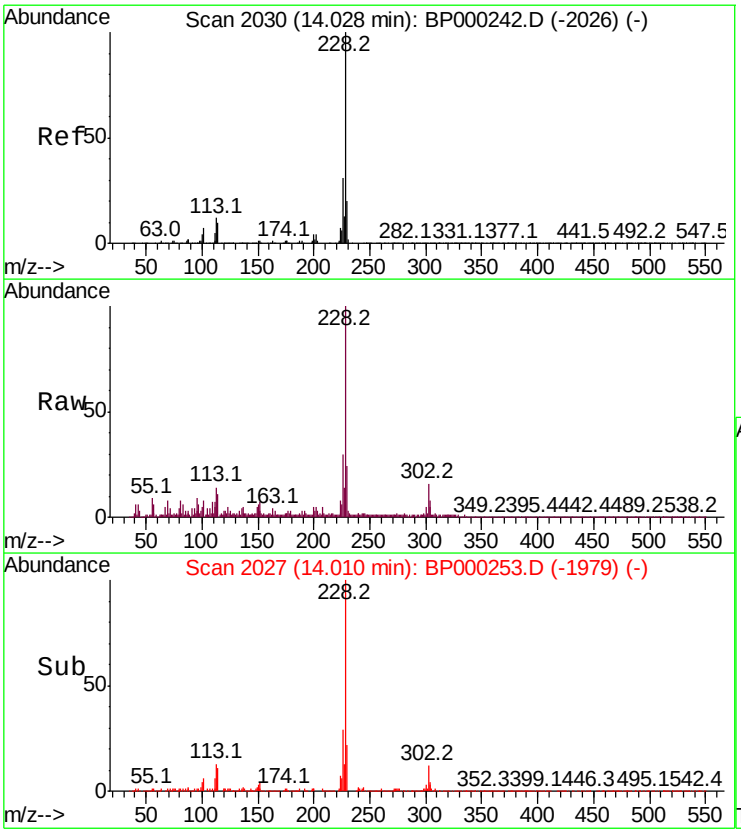
#81
Benzo(a)anthracene
Concen: 3.201 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.02 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Instrument :
BNA_P
ClientSampleId :
CSA-2-2

Tgt Ion:228 Resp: 186358

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.2	33.4
229	23.7	16.0	24.0

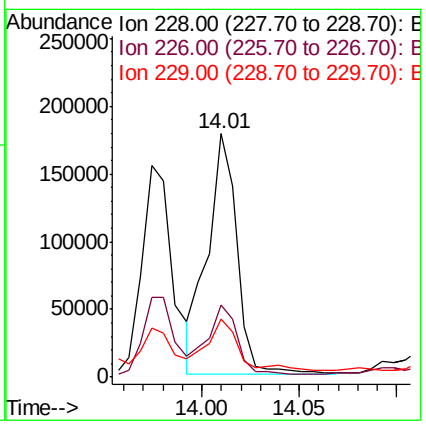


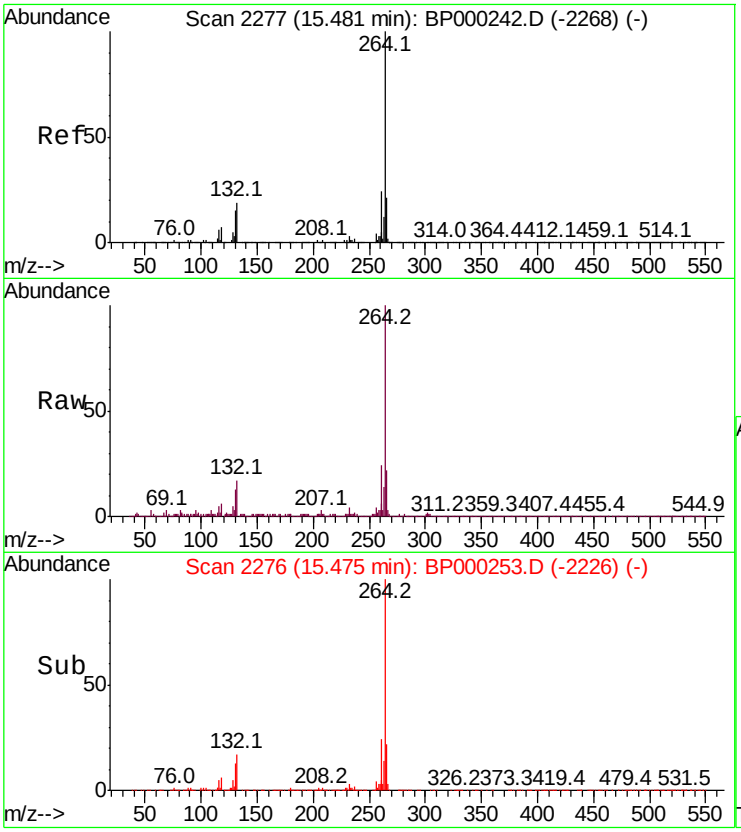


#83
Chrysene
Concen: 3.261 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Tgt Ion:228 Resp: 186358

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	23.7	16.2	24.2



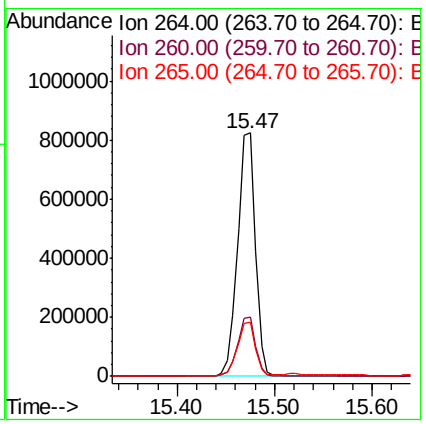


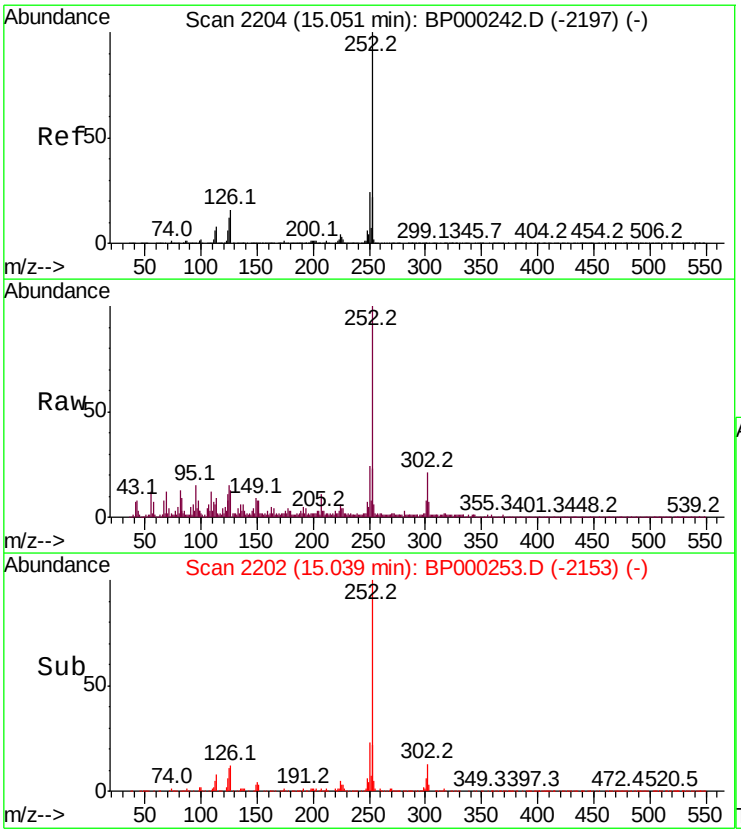
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Instrument :
BNA_P
ClientSampleId :
CSA-2-2

Tgt Ion:264 Resp: 1042988

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	22.1	17.2	25.8

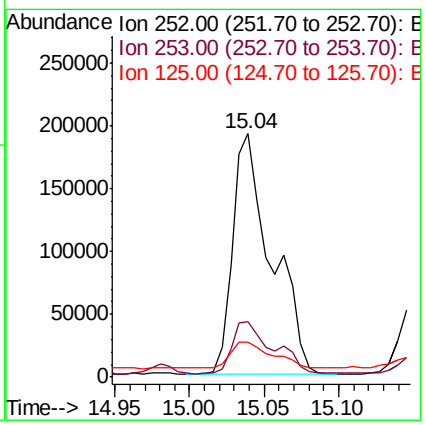


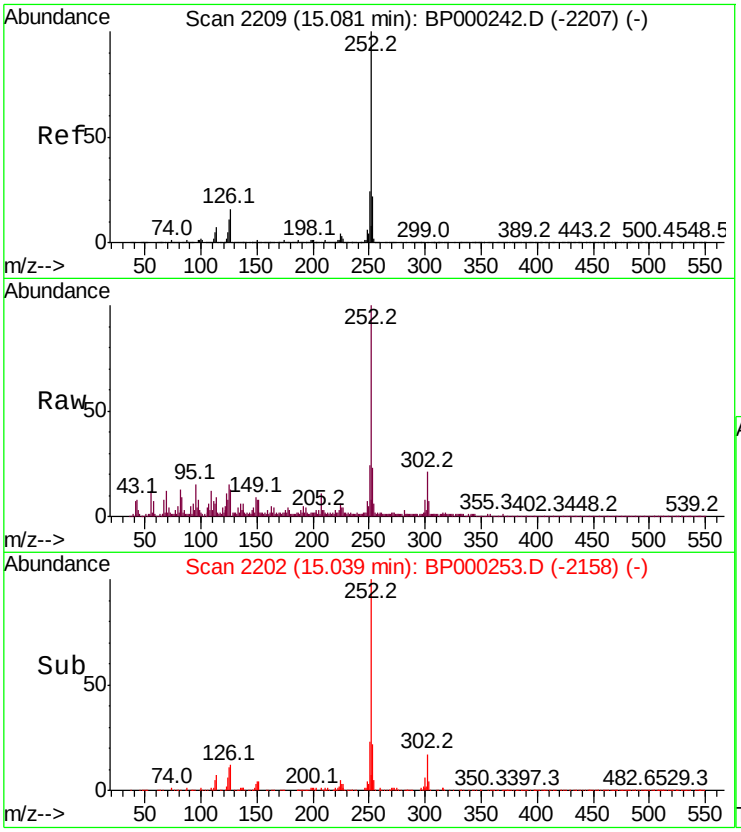


#88
Benzo(b)fluoranthene
Concen: 5.619 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Tgt Ion:252 Resp: 349607

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	14.6	9.5	14.3#



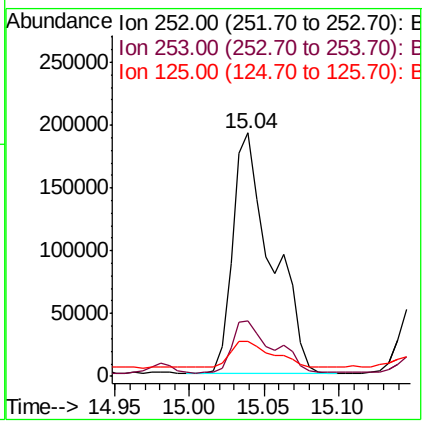


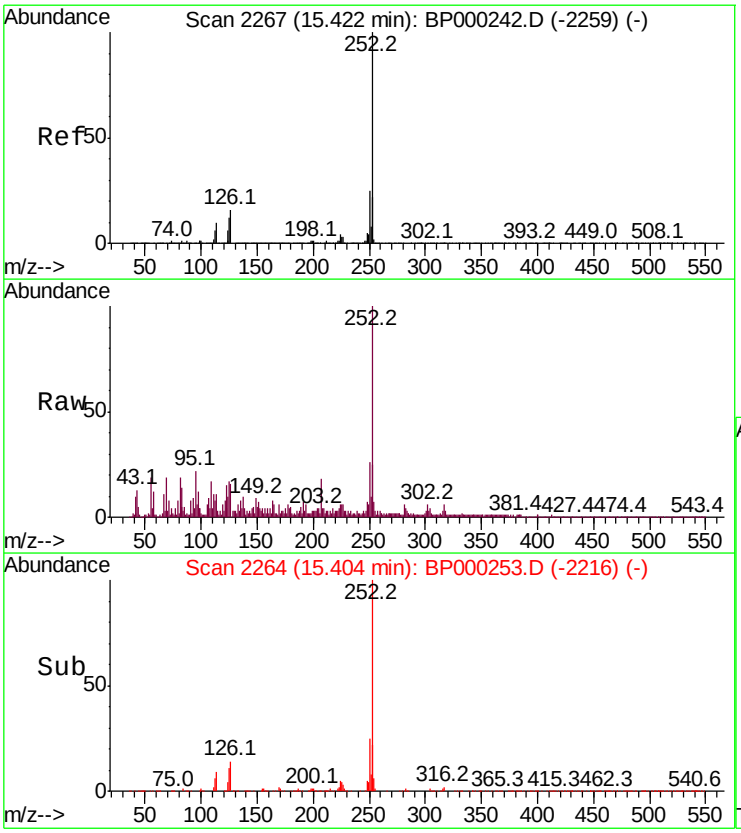
#89
Benzo(k)fluoranthene
Concen: 6.441 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Instrument :
BNA_P
ClientSampleId :
CSA-2-2

Tgt Ion:252 Resp: 349607

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	14.6	9.6	14.4#

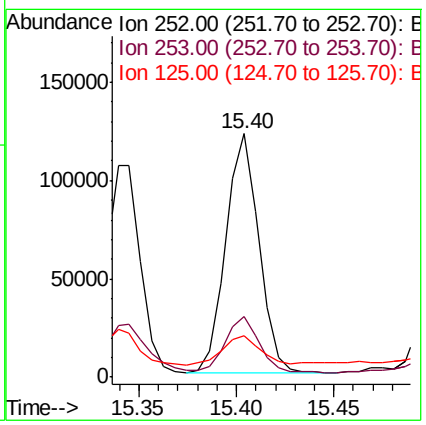


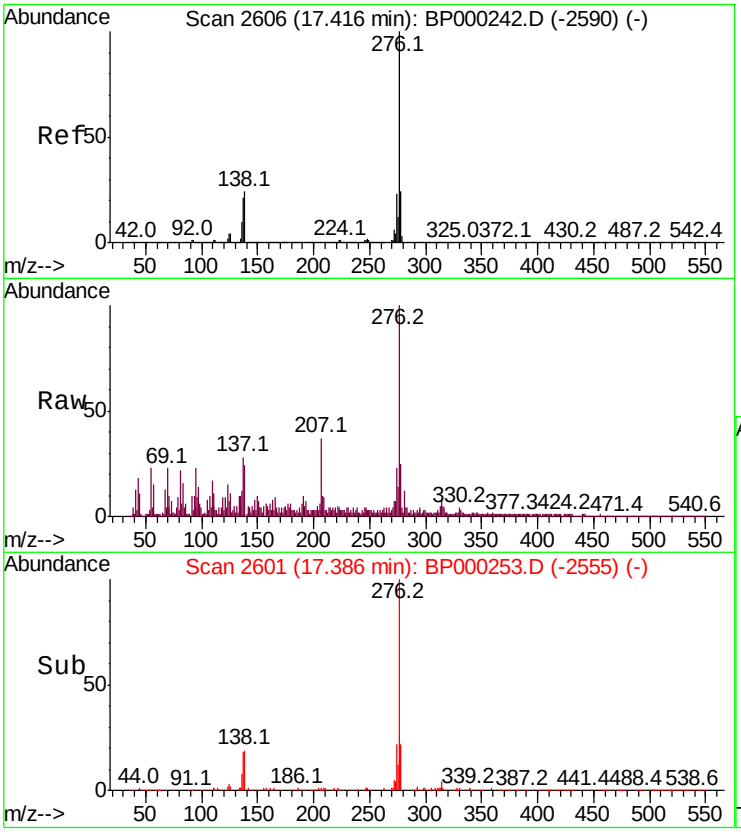


#90
Benzo(a)pyrene
Concen: 2.525 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Tgt Ion:252 Resp: 142963

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.7	26.5
125	16.8	10.0	15.0#





#92
Benzo(g,h,i)perylene
Concen: 2.060 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.03 min
Lab File: BP000253.D
Acq: 16 Sep 2019 22:00

Instrument :
BNA_P
ClientSampleId :
CSA-2-2

Tgt Ion:276 Resp: 111759

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.1	28.7
138	24.0	19.5	29.3