Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000872.D
Acq On : 18 Oct 2019 06:18
Operator : JU
Sample : K5394-04 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-22A-S

Quant Time: Oct 18 08:54:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 08:05:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	170022	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	614662	20.00	ng		0.00
39) Acenaphthene-d10	9.80	164	336438	20.00	ng		0.00
64) Phenanthrene-d10	11.30	188	599465	20.00	ng		0.00
76) Chrysene-d12	13.98	240	506841	20.00	ng		0.00
87) Perylene-d12	15.47	264	458398	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	279239	26.40	ng		0.00
7) Phenol-d6	6.39	99	559645	43.91	ng		0.00
23) Nitrobenzene-d5	7.31	82	300899	29.90	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	26405	7.37	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	772553	37.15	ng		0.00
79) Terphenyl-d14	12.90	244	883262	35.28	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	37467	6.377	ng	#	73
25) Isophorone	7.31	82	300505	16.824	ng	#	61
41) Hexachlorocyclopentadiene	8.89	237	19	7.301	ng		78
50) Dimethylphthalate	9.51	163	96653	4.134	ng		98
51) 2,6-Dinitrotoluene	9.80	165	44560	8.741	ng	#	35
57) 2,4-Dinitrotoluene	9.80	165	44560	6.592	ng	#	32
71) Phenanthrene	11.32	178	271830	9.029	ng		99
72) Anthracene	11.37	178	92691	3.105	ng		99
75) Fluoranthene	12.53	202	725266	21.449	ng		100
78) Pyrene	12.76	202	635040	18.167	ng		99
81) Benzo(a)anthracene	13.97	228	309269	10.001	ng		95
83) Chrysene	14.00	228	245135	8.076	ng		96
88) Benzo(b)fluoranthene	15.03	252	291738	11.218	ng	#	88
89) Benzo(k)fluoranthene	15.03	252	291738	11.783	ng	#	90
90) Benzo(a)pyrene	15.40	252	143410	5.916	ng	#	87
92) Benzo(g,h,i)perylene	17.39	276	61445	2.572	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
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Acq On : 18 Oct 2019 06:18
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ALS Vial : 28 Sample Multiplier: 1

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BNA_P
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TP-22A-S

Quant Time: Oct 18 08:54:18 2019
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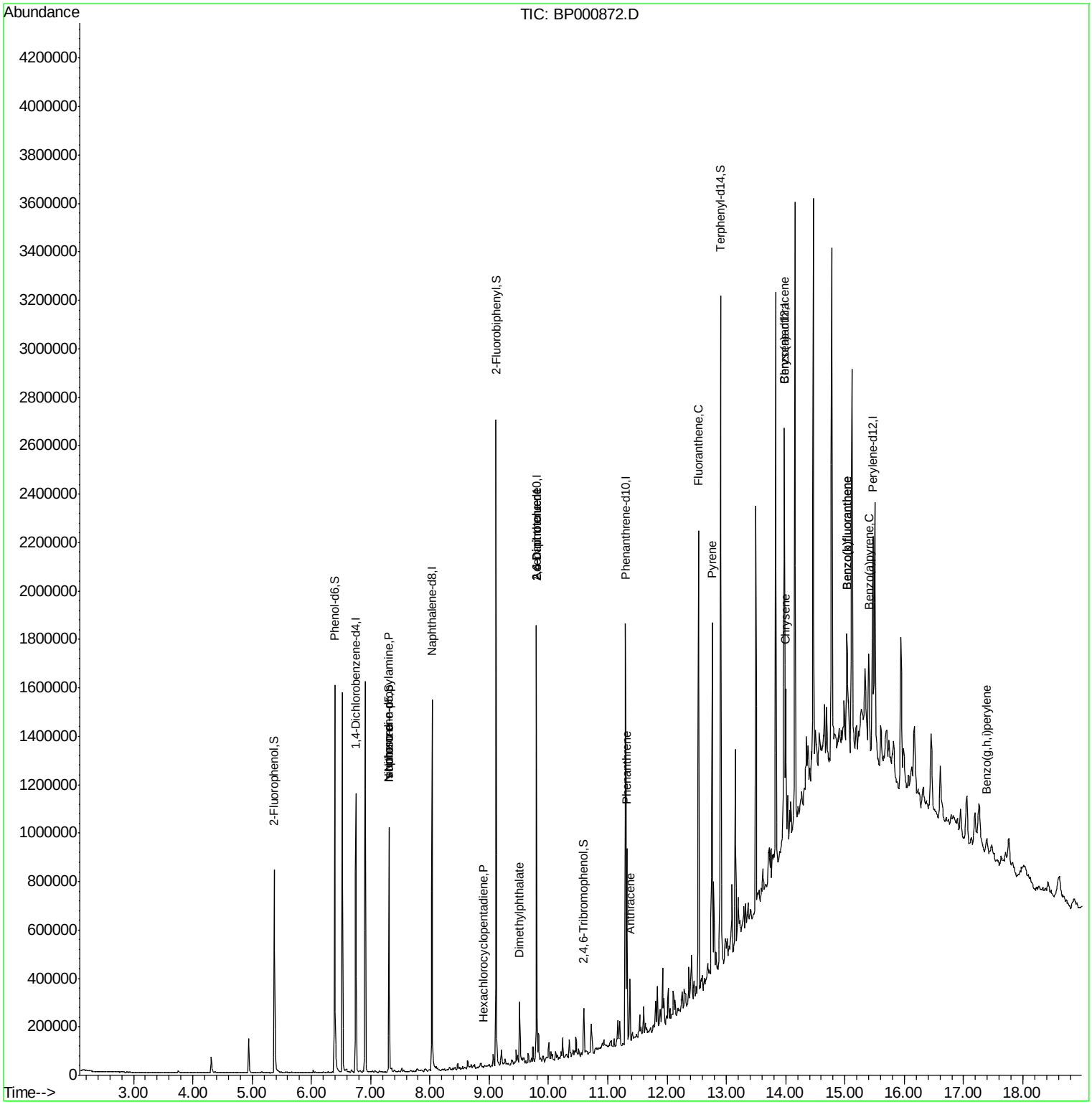
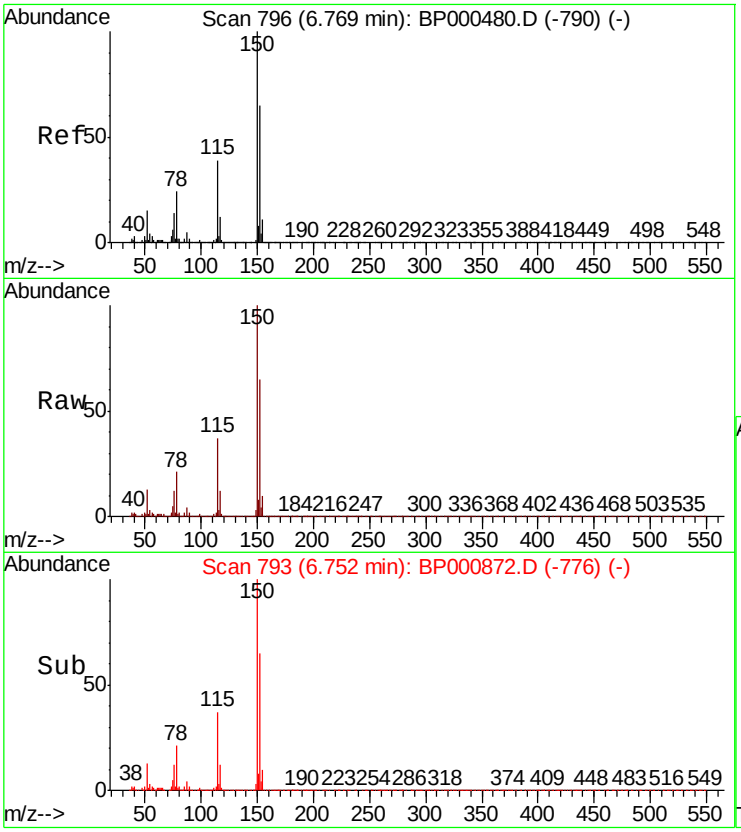
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 08:05:41 2019
Response via : Initial Calibration



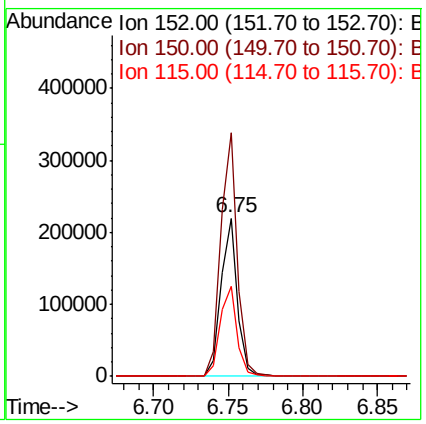


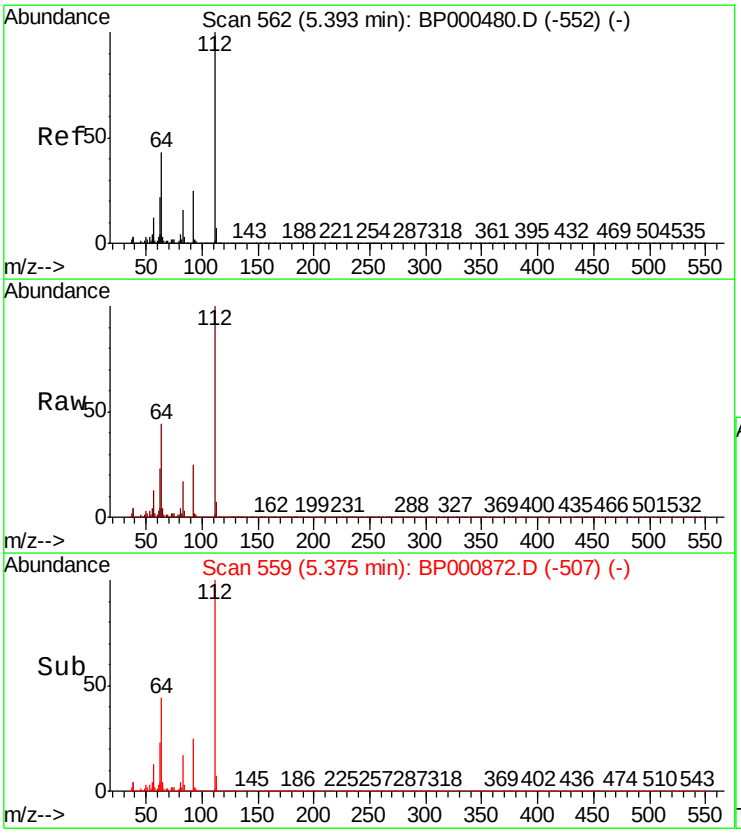
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Instrument :
BNA_P
ClientSampleId :
TP-22A-S

Tgt Ion:152 Resp: 170022

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.1	186.1
115	56.7	48.7	73.1

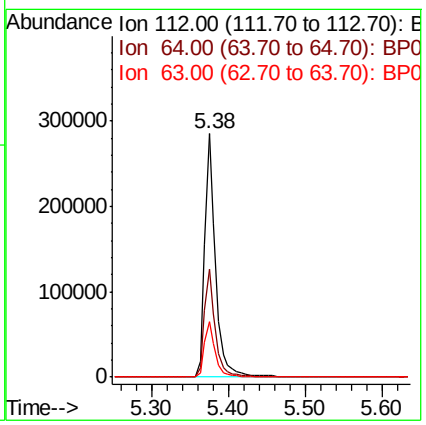


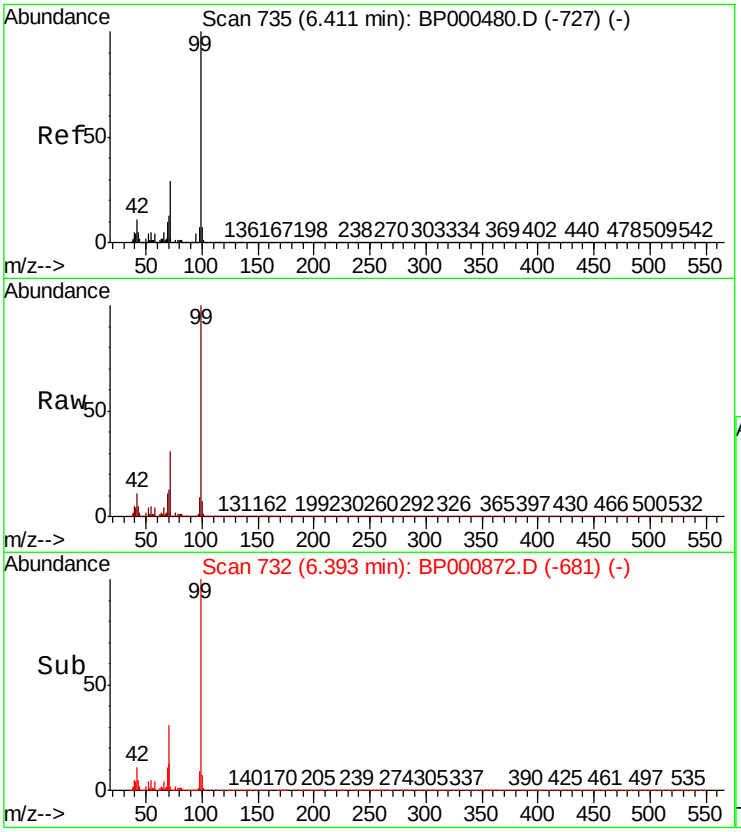


#5
2-Fluorophenol
Concen: 26.400 ng
RT: 5.38 min Scan# 559
Delta R.T. 0.01 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Tgt Ion:112 Resp: 279239

Ion	Ratio	Lower	Upper
112	100		
64	44.4	34.2	51.4
63	22.8	17.9	26.9



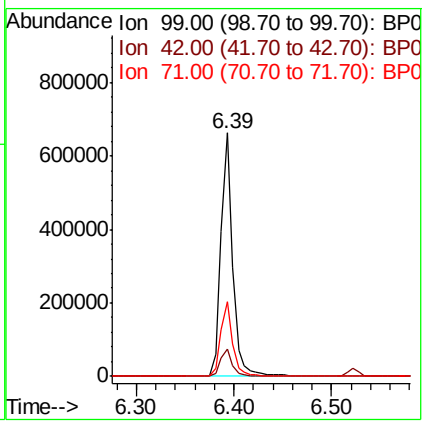


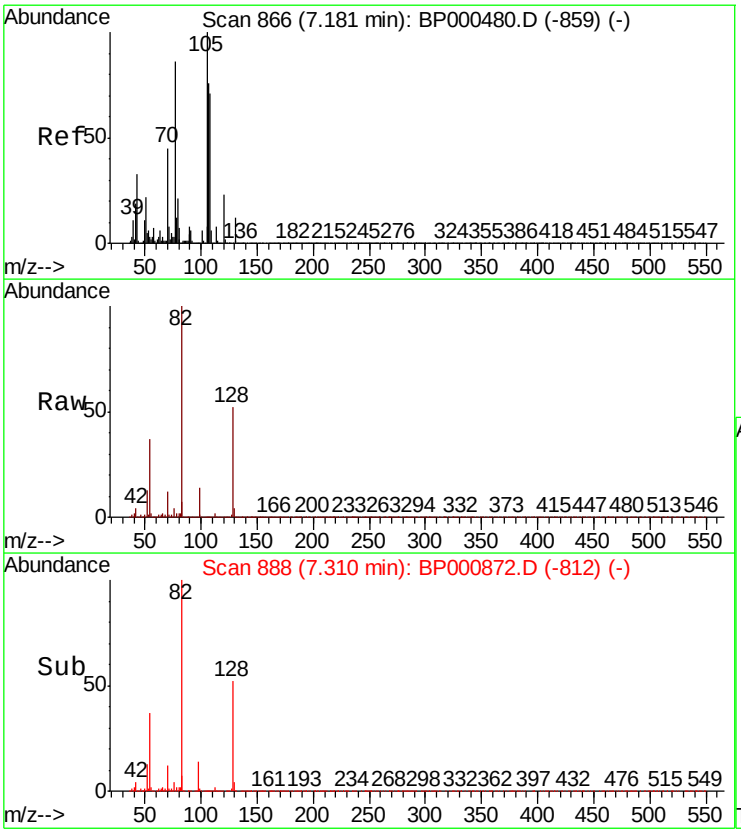
#7
Phenol-d6
Concen: 43.908 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Instrument :
BNA_P
ClientSampleId :
TP-22A-S

Tgt Ion: 99 Resp: 559645

Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.6	12.8
71	30.6	23.0	34.4

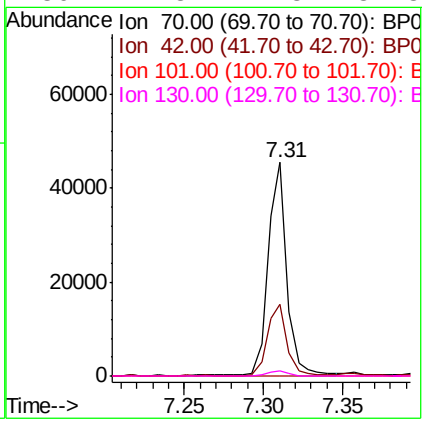


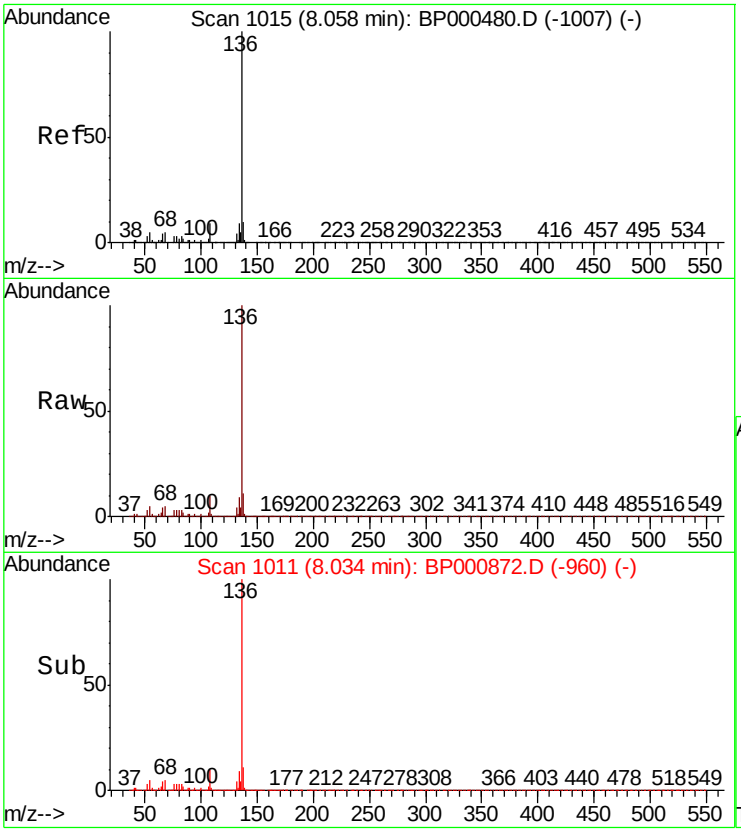


#19
n-Nitroso-di-n-propylamine
Concen: 6.377 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.15 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Tgt Ion: 70 Resp: 37467

Ion	Ratio	Lower	Upper
70	100		
42	33.5	33.2	49.8
101	0.1	9.9	14.9#
130	2.3	21.8	32.8#



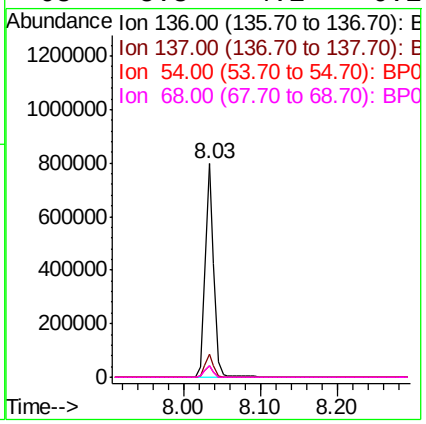


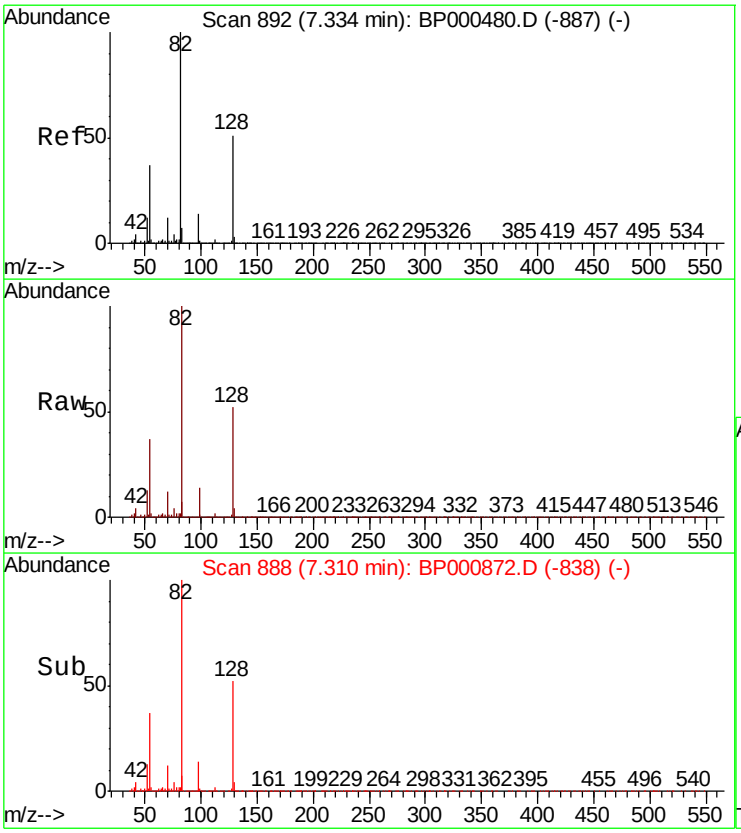
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Instrument :
BNA_P
ClientSampleId :
TP-22A-S

Tgt Ion:136 Resp: 614662

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	5.5	4.1	6.1
68	5.3	4.1	6.1

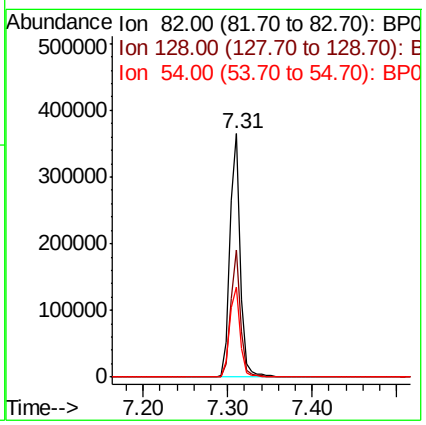


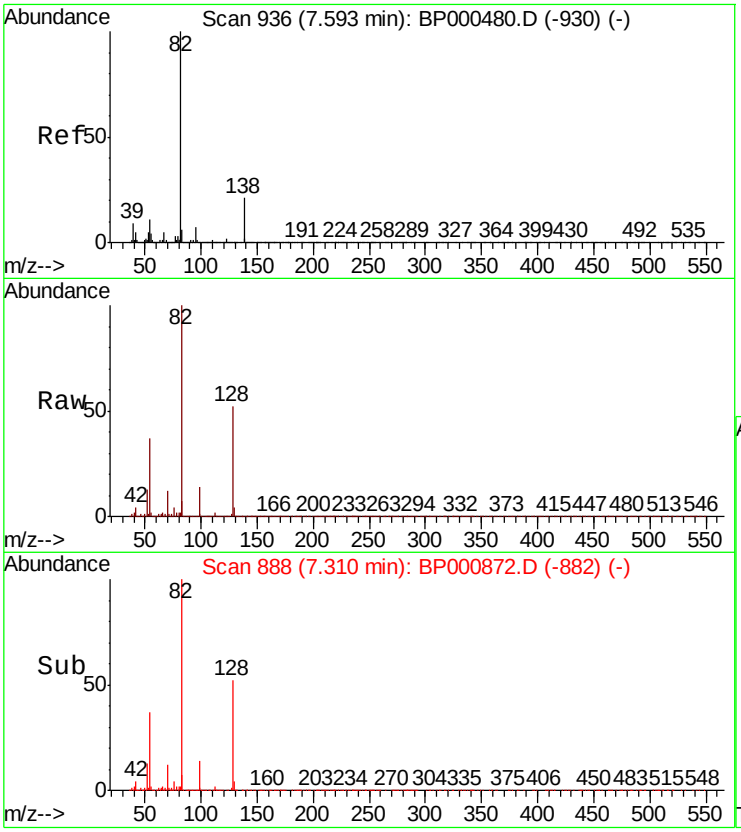


#23
Nitrobenzene-d5
Concen: 29.899 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Tgt Ion: 82 Resp: 300899

Ion	Ratio	Lower	Upper
82	100		
128	52.1	40.9	61.3
54	37.2	29.4	44.2



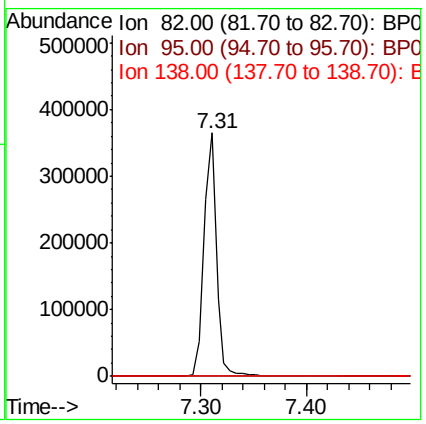


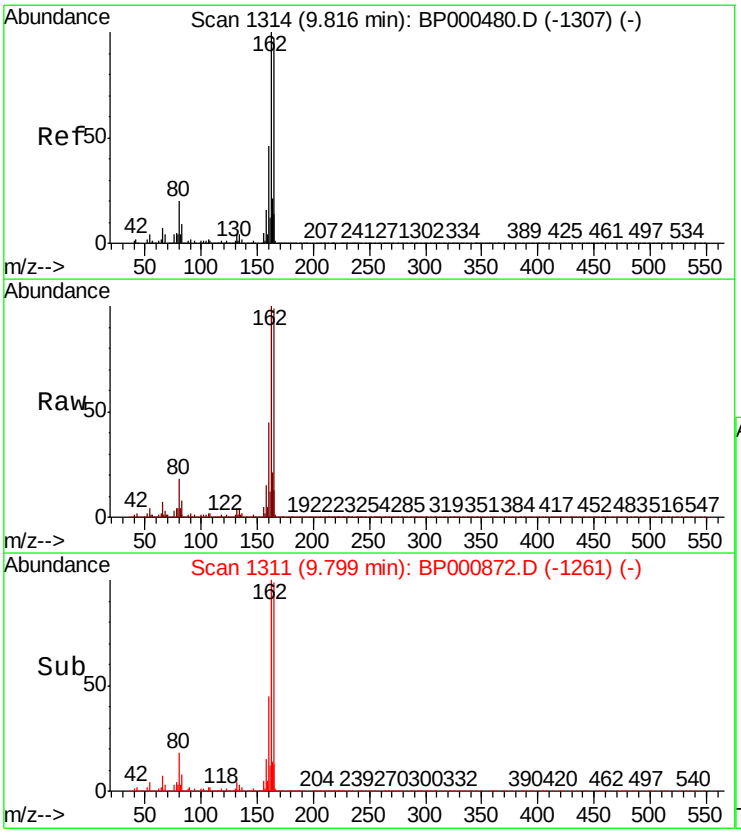
#25
Isophorone
Concen: 16.824 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.26 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Instrument :
BNA_P
ClientSampleId :
TP-22A-S

Tgt Ion: 82 Resp: 300505

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	17.0	25.4#

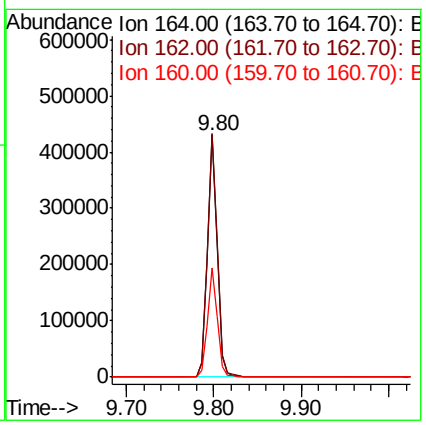


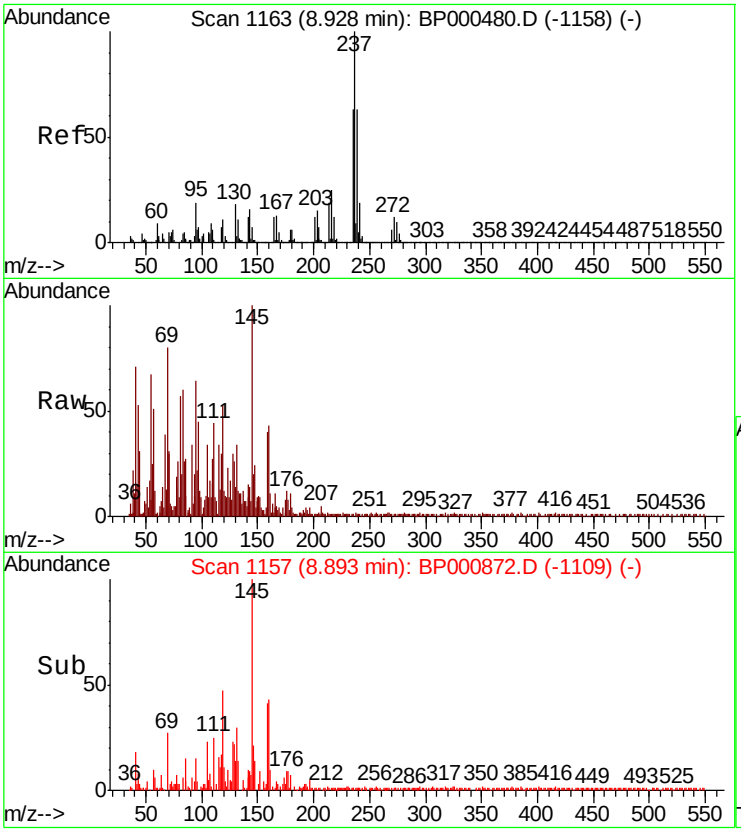


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Tgt Ion:164 Resp: 336438

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.2	123.2
160	45.1	37.6	56.4



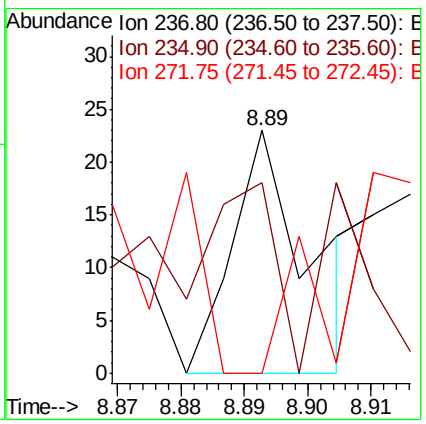


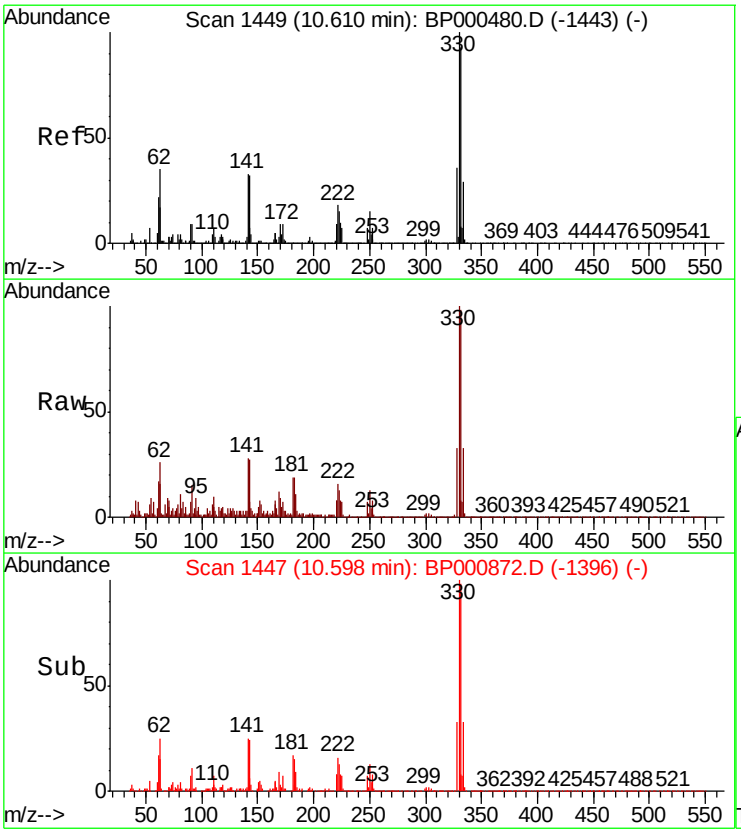
#41
Hexachlorocyclopentadiene
Concen: 7.301 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Instrument :
BNA_P
ClientSampleId :
TP-22A-S

Tgt Ion:237 Resp: 19

Ion	Ratio	Lower	Upper
237	100		
235	78.3	42.9	82.9
272	0.0	0.0	32.4

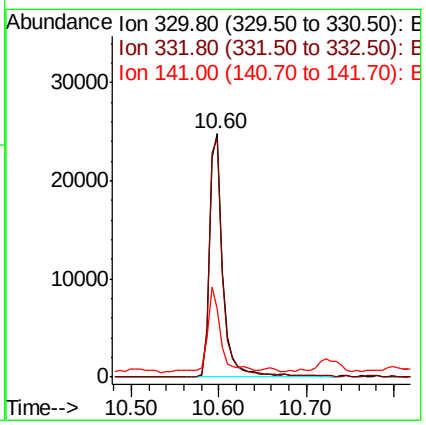


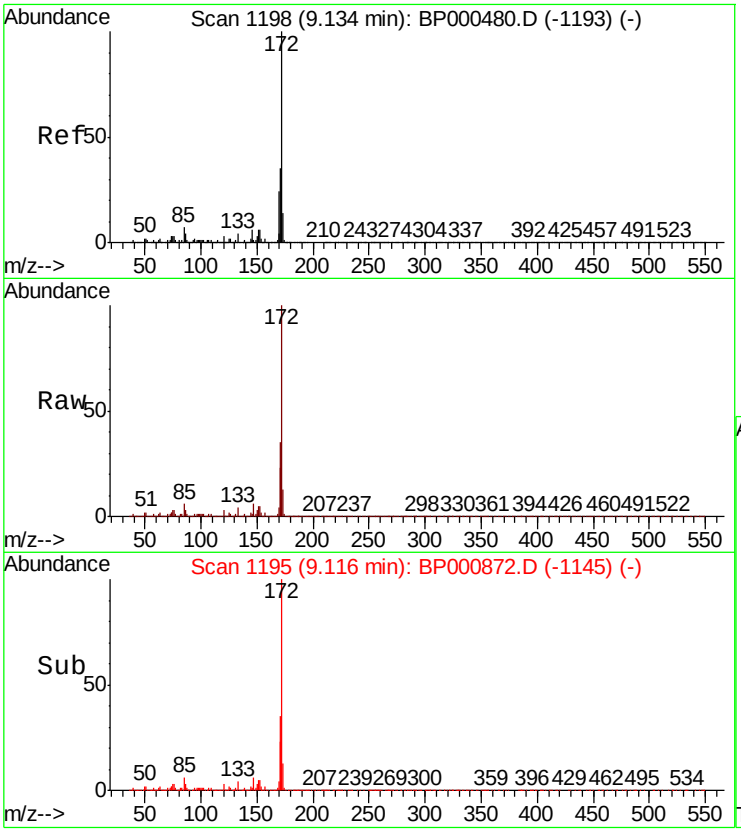


#42
2,4,6-Tribromophenol
Concen: 7.365 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Tgt Ion:330 Resp: 26405

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.1	115.7
141	36.3	26.0	39.0



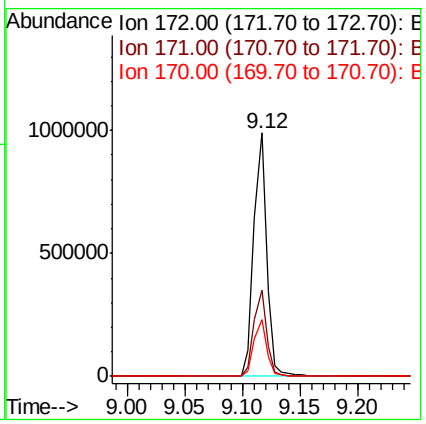


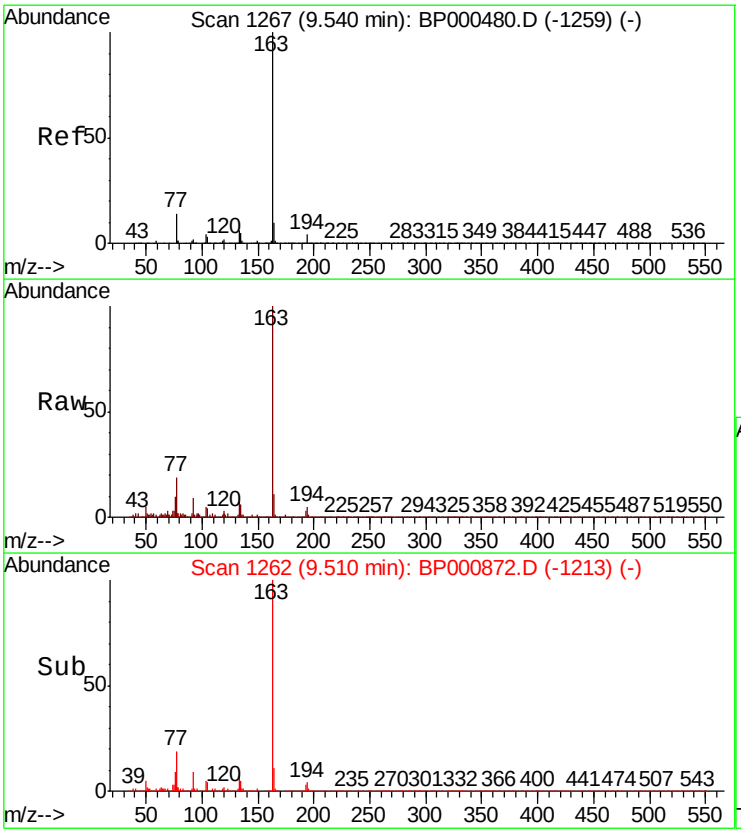
#45
2-Fluorobiphenyl
Concen: 37.154 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Instrument :
BNA_P
ClientSampleId :
TP-22A-S

Tgt Ion:172 Resp: 772553

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.4	42.6
170	23.2	19.1	28.7

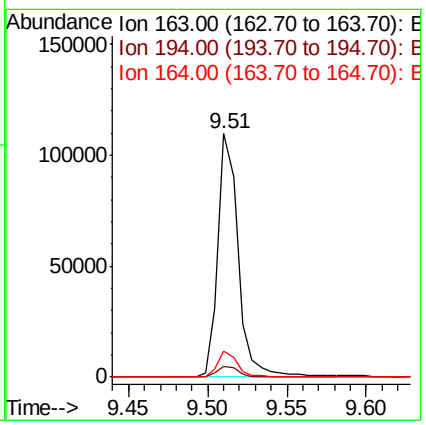


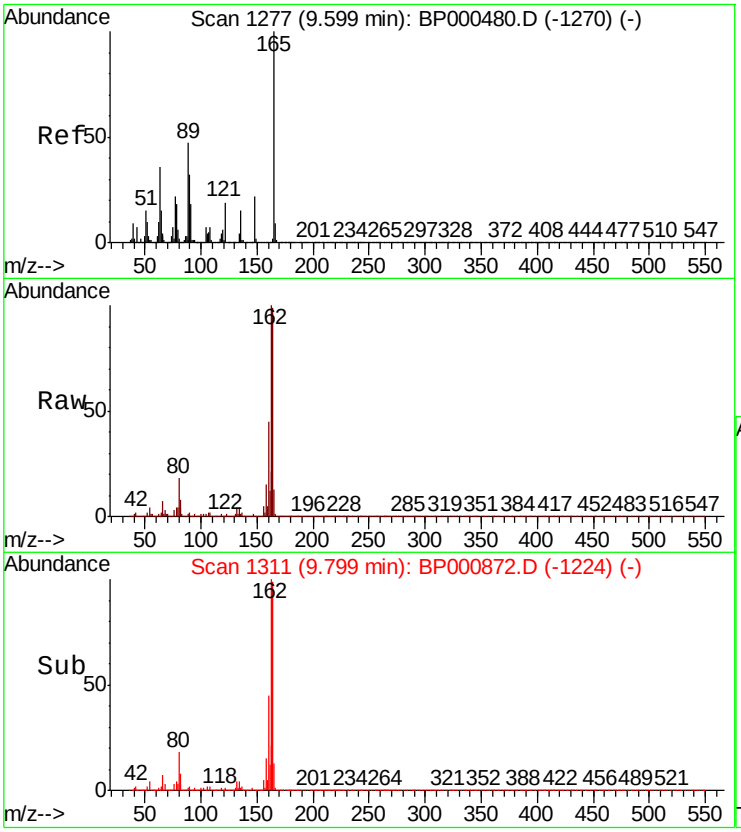


#50
Dimethylphthalate
Concen: 4.134 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Tgt Ion:163 Resp: 96653

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.8	8.0	12.0



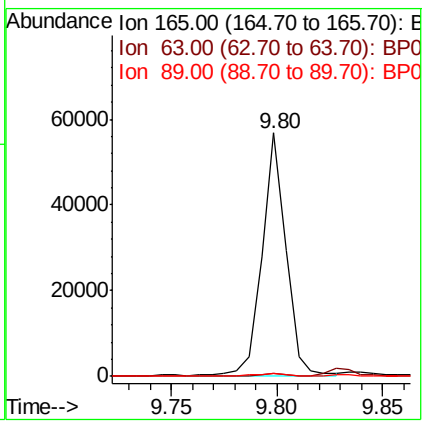


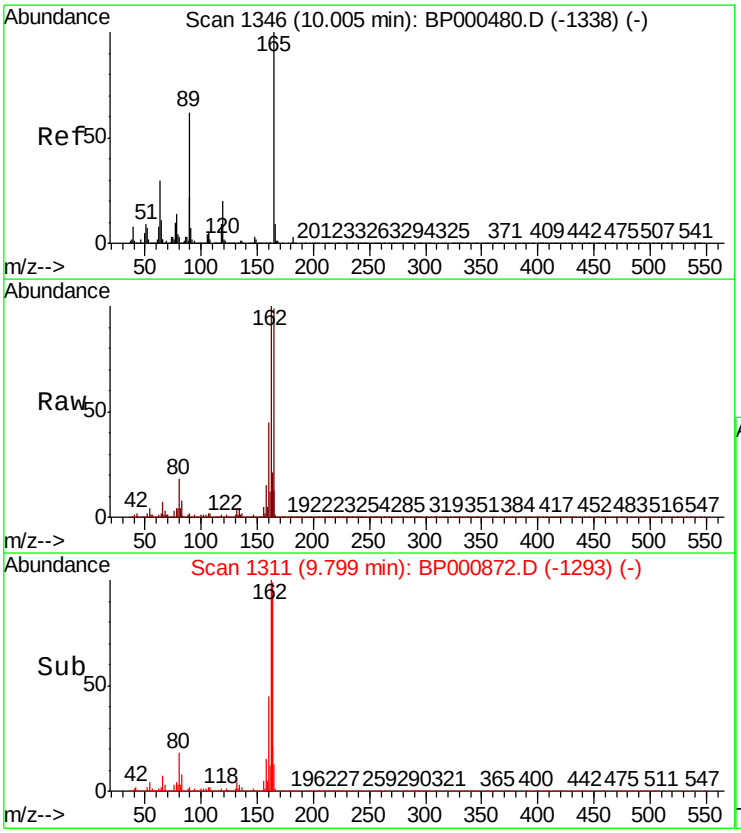
#51
2,6-Dinitrotoluene
Concen: 8.741 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.21 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Instrument :
BNA_P
ClientSampleId :
TP-22A-S

Tgt Ion:165 Resp: 44560

Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.9	44.9#
89	1.3	37.3	55.9#

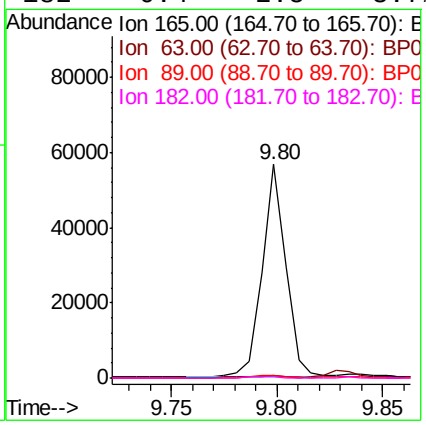


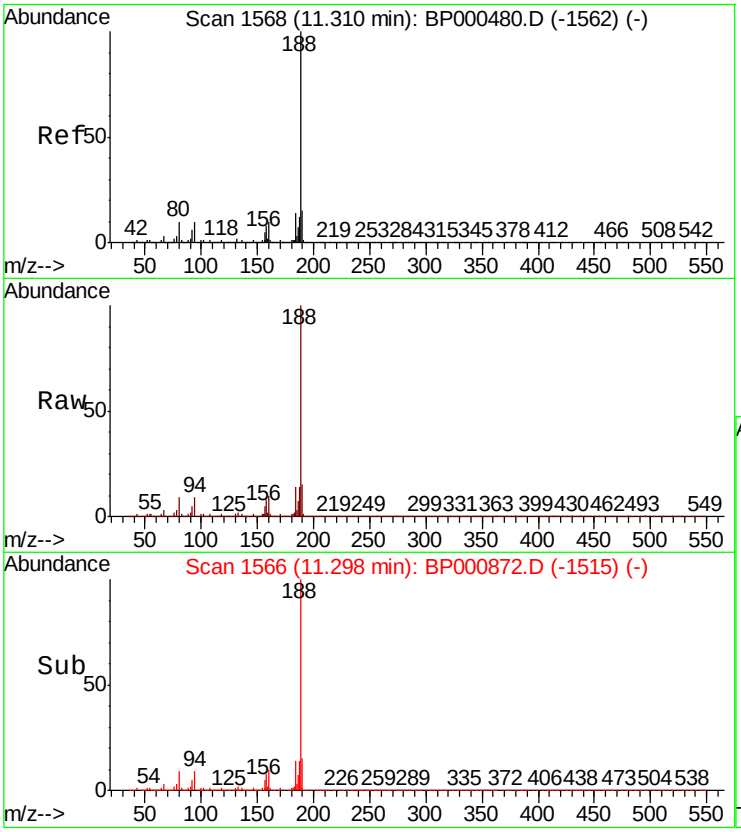


#57
2,4-Dinitrotoluene
Concen: 6.592 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.19 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Tgt Ion:165 Resp: 44560

Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.2	36.4#
89	1.3	49.4	74.0#
182	0.4	2.5	3.7#



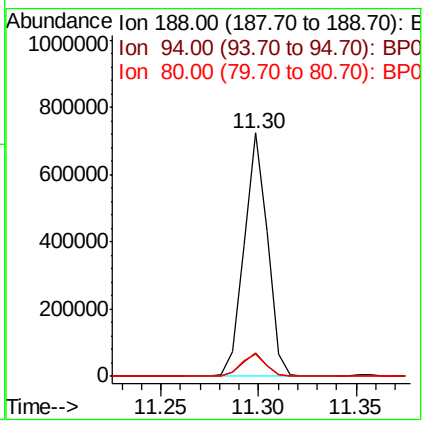


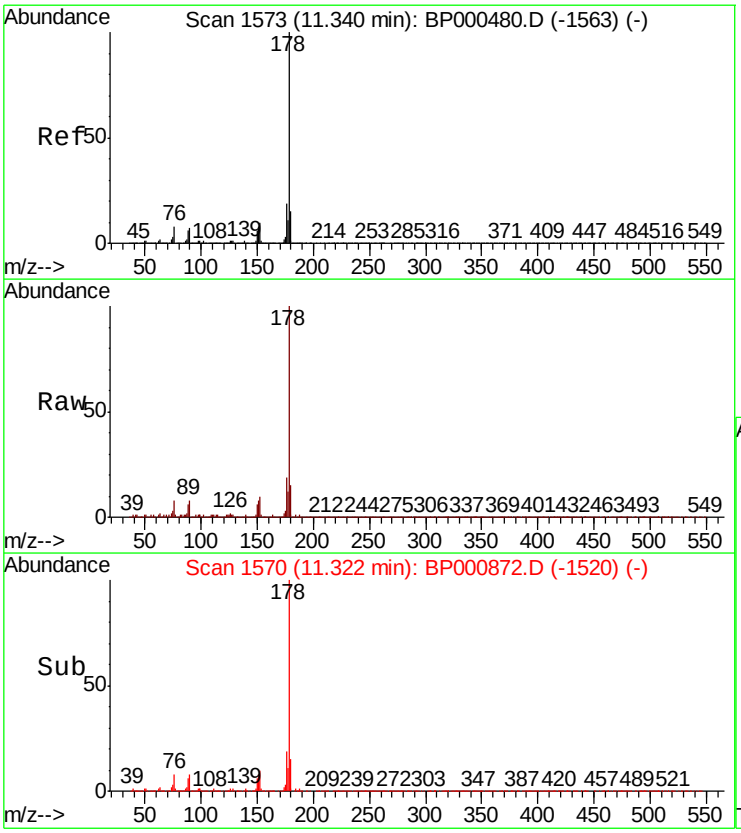
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Instrument :
BNA_P
ClientSampleId :
TP-22A-S

Tgt Ion:188 Resp: 599465

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	9.3	8.3	12.5

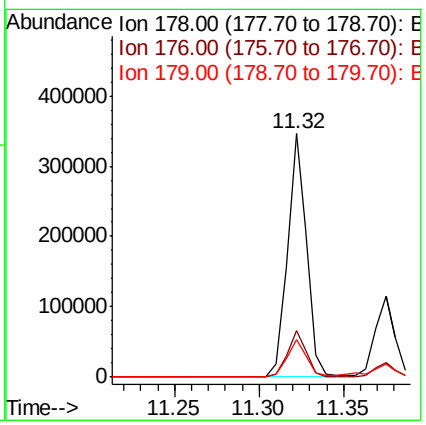


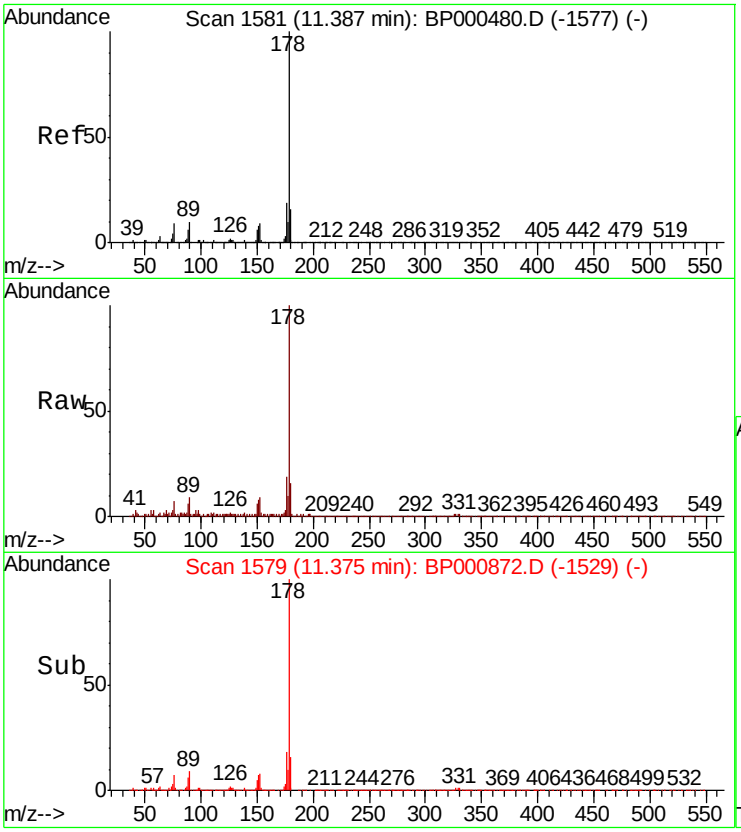


#71
Phenanthrene
Concen: 9.029 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Tgt Ion:178 Resp: 271830

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.5	12.2	18.4



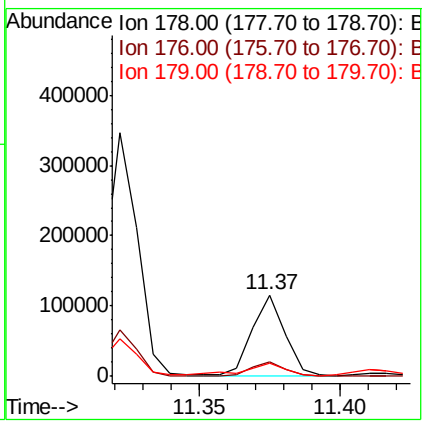


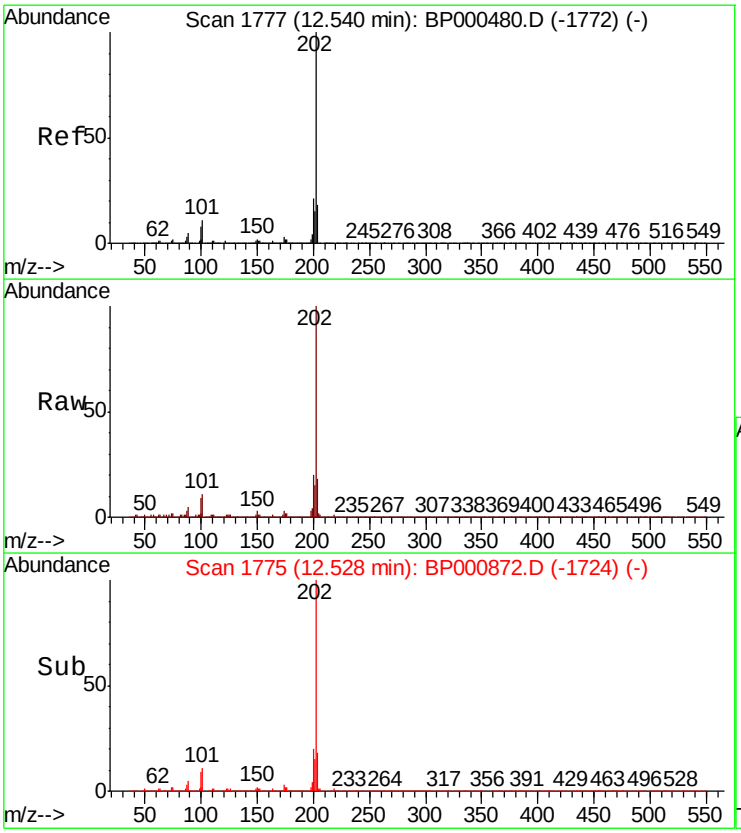
#72
Anthracene
Concen: 3.105 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Instrument :
BNA_P
ClientSampleId :
TP-22A-S

Tgt Ion:178 Resp: 92691

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	16.3	12.6	19.0

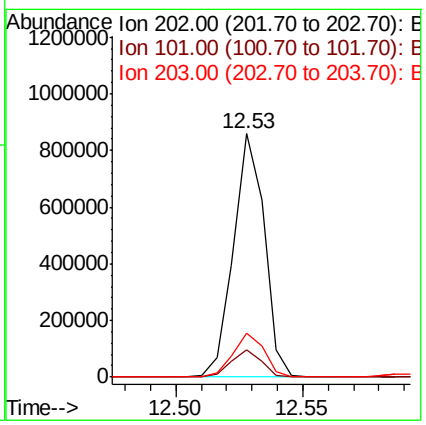


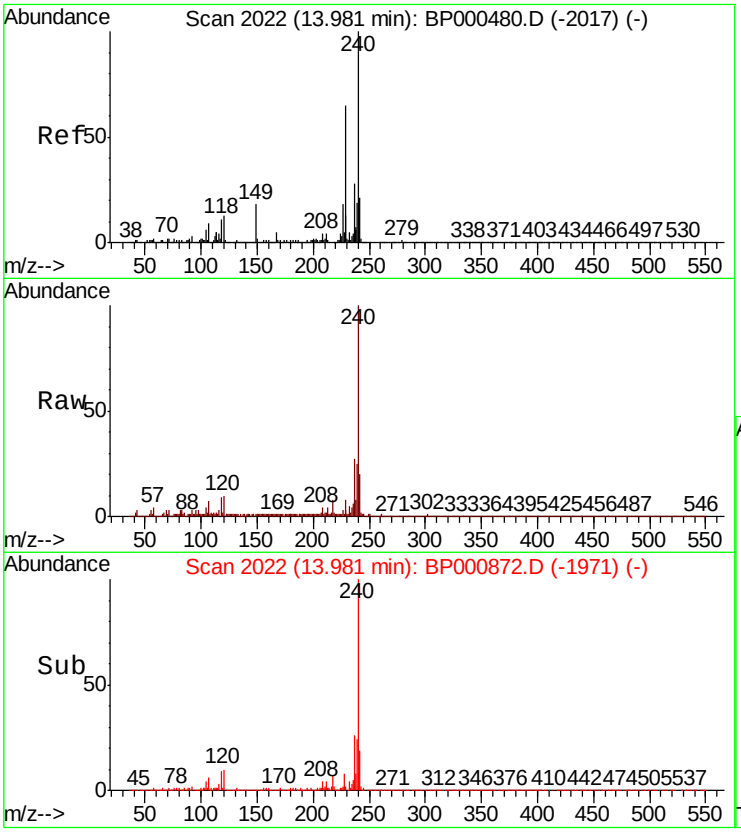


#75
Fluoranthene
Concen: 21.449 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Tgt Ion:202 Resp: 725266

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.3
203	17.9	0.0	38.1



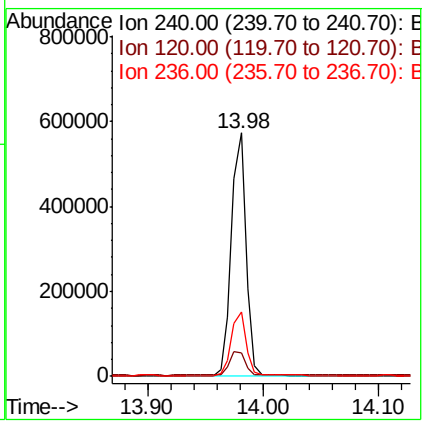


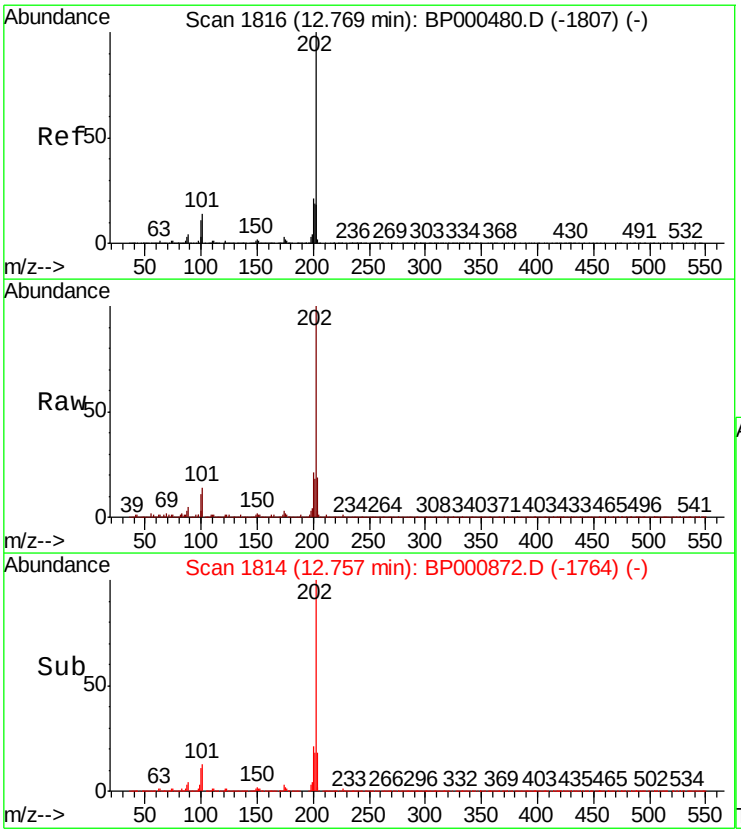
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Instrument :
BNA_P
ClientSampleId :
TP-22A-S

Tgt Ion:240 Resp: 506841

Ion	Ratio	Lower	Upper
240	100		
120	9.9	10.1	15.1#
236	26.6	22.7	34.1

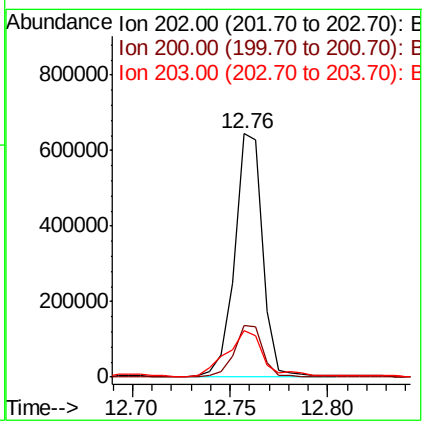


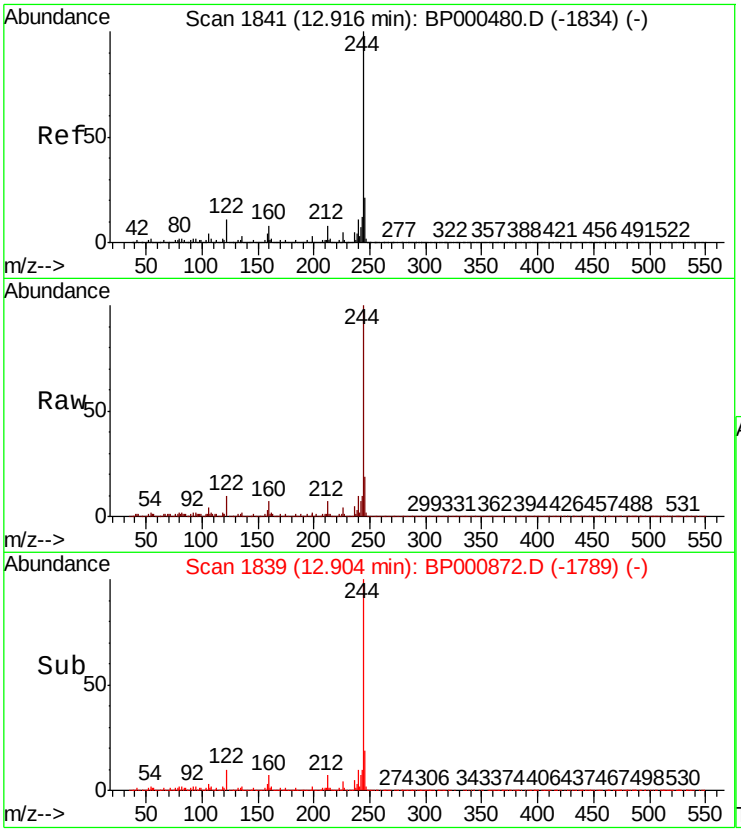


#78
Pyrene
Concen: 18.167 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Tgt Ion:202 Resp: 635040

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	18.8	14.6	21.8



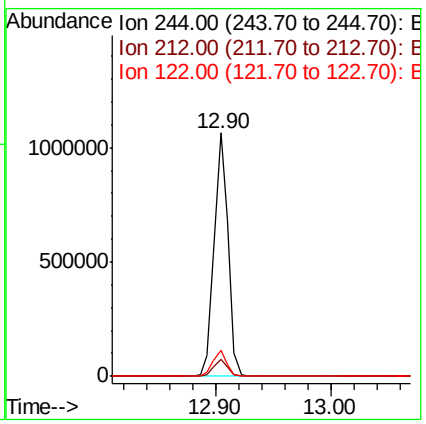


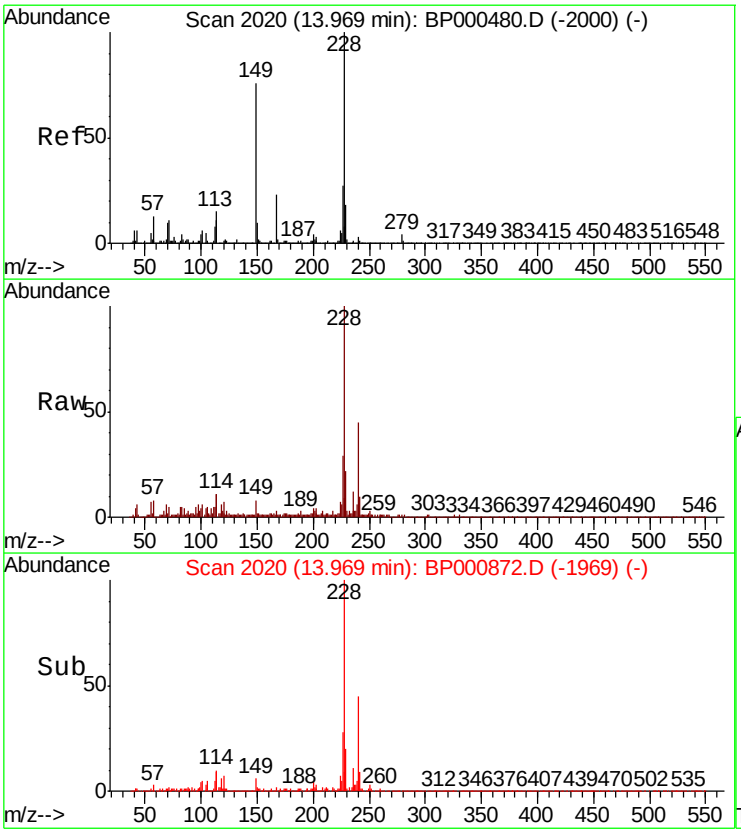
#79
Terphenyl-d14
Concen: 35.285 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Instrument :
BNA_P
ClientSampleId :
TP-22A-S

Tgt Ion:244 Resp: 883262

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	10.4	8.9	13.3

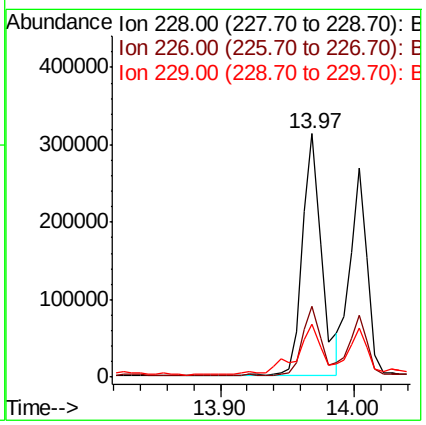


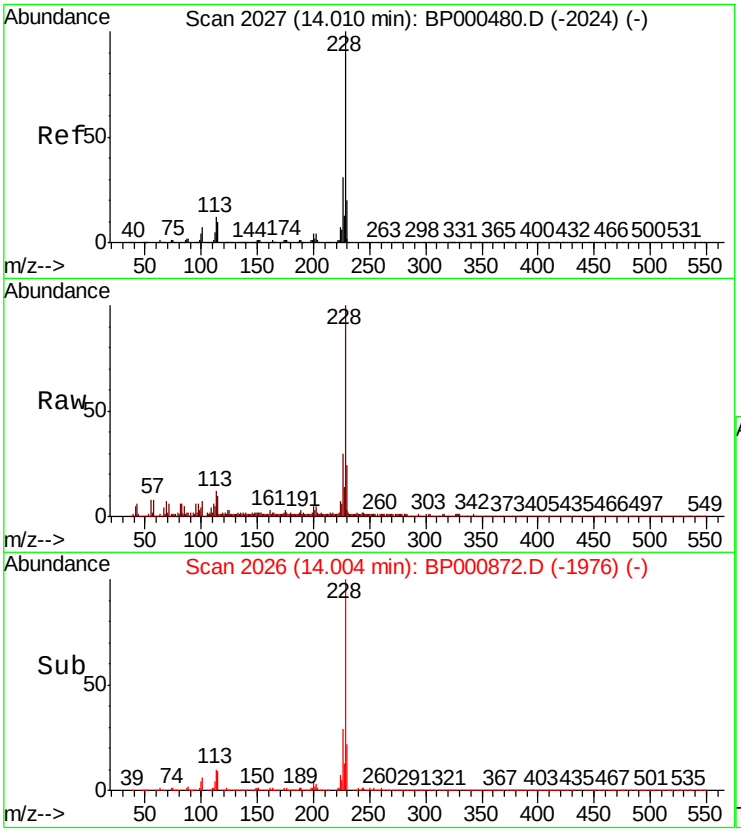


#81
Benzo(a)anthracene
Concen: 10.001 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Tgt Ion:228 Resp: 309269

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.4	32.2
229	21.6	14.7	22.1



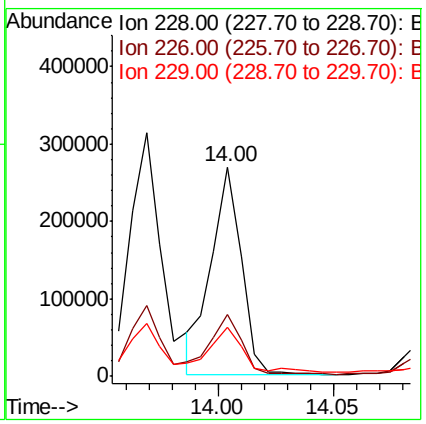


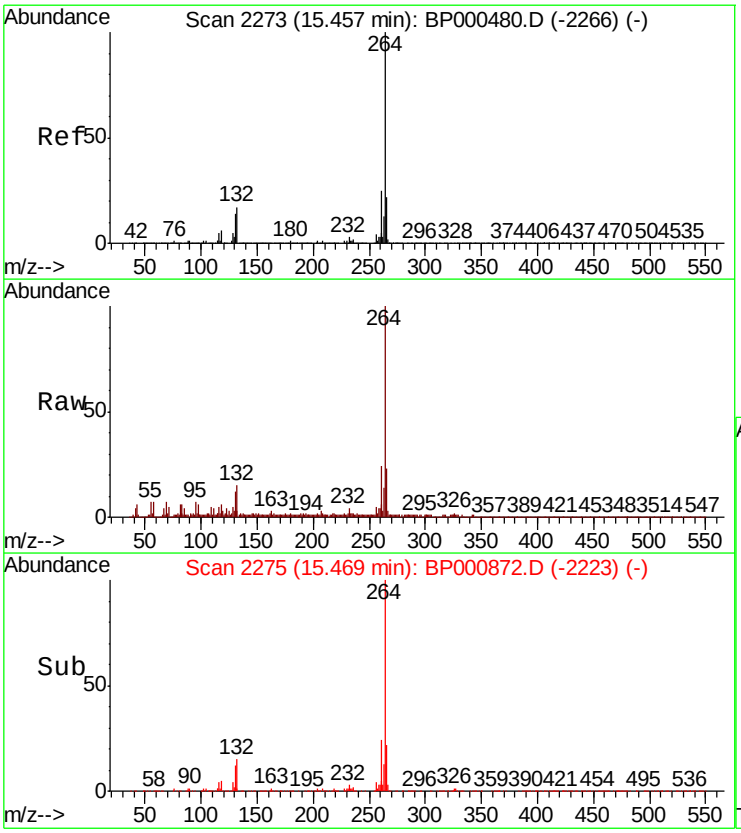
#83
Chrysene
Concen: 8.076 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Instrument :
BNA_P
ClientSampleId :
TP-22A-S

Tgt Ion:228 Resp: 245135

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	23.5	16.3	24.5

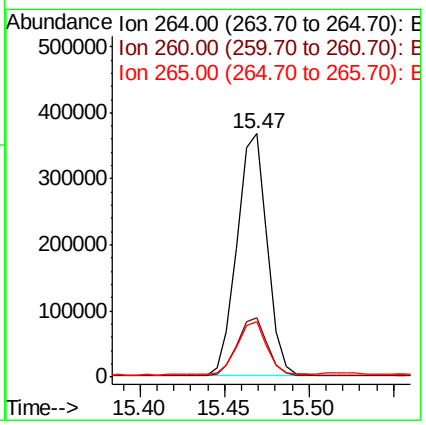


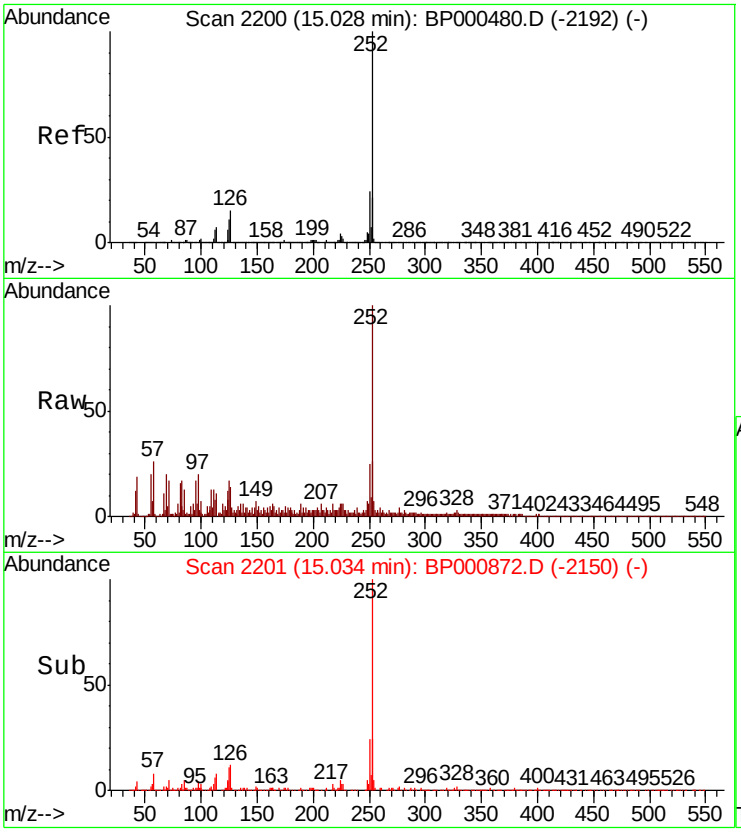


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Tgt Ion:264 Resp: 458398

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.3	30.5
265	22.5	18.0	27.0



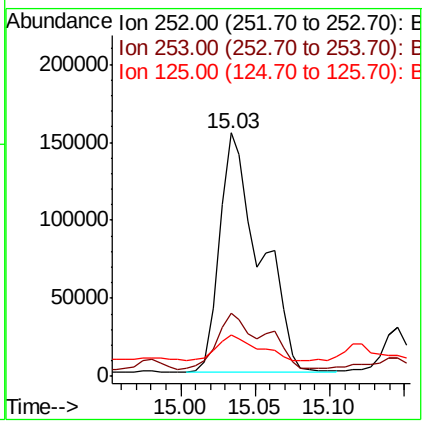


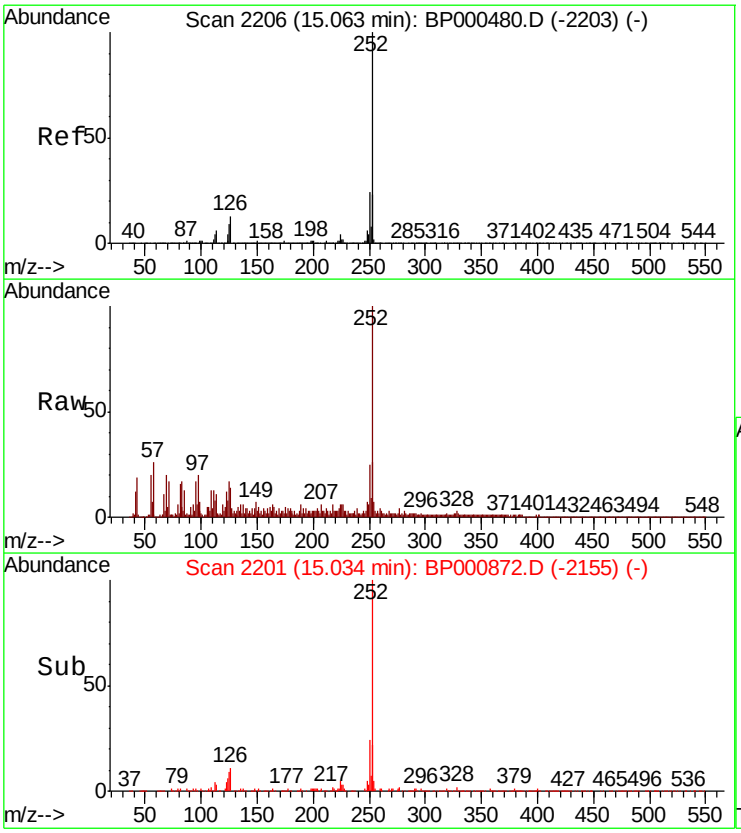
#88
Benzo(b)fluoranthene
Concen: 11.218 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Instrument :
BNA_P
ClientSampleId :
TP-22A-S

Tgt Ion:252 Resp: 291738

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.0	25.4#
125	16.8	8.9	13.3#

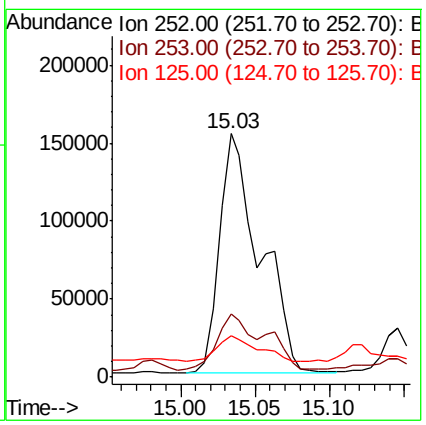


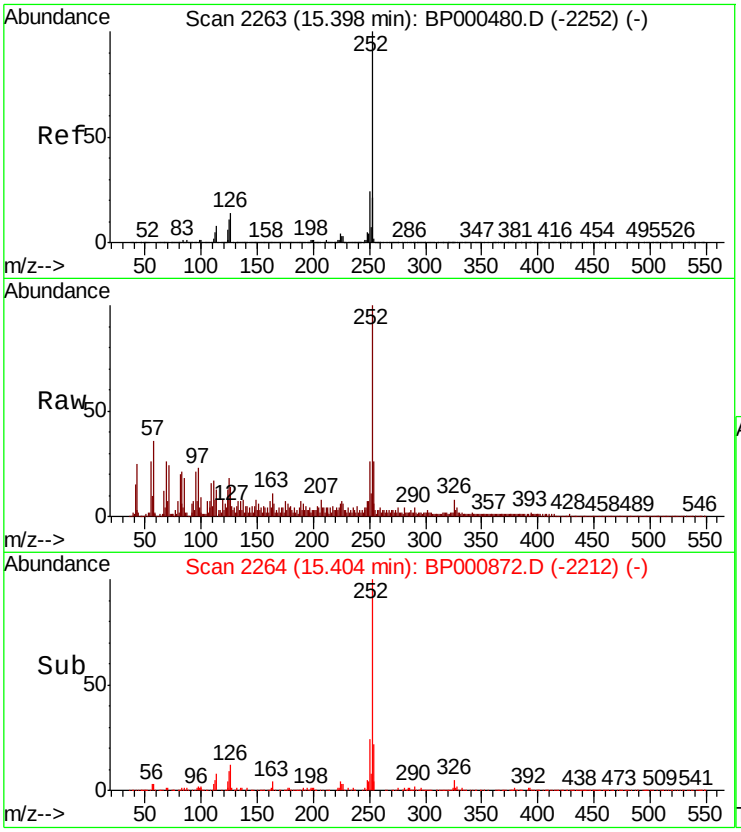


#89
Benzo(k)fluoranthene
Concen: 11.783 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Tgt Ion:252 Resp: 291738

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.4	27.6
125	16.8	7.8	11.8#



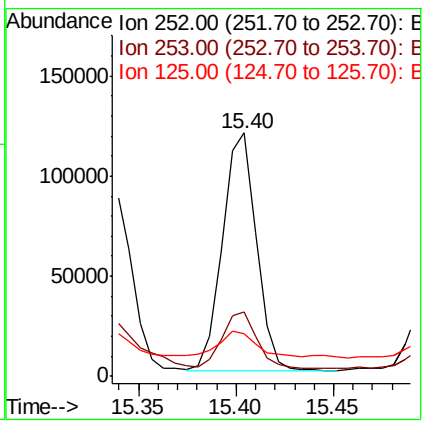


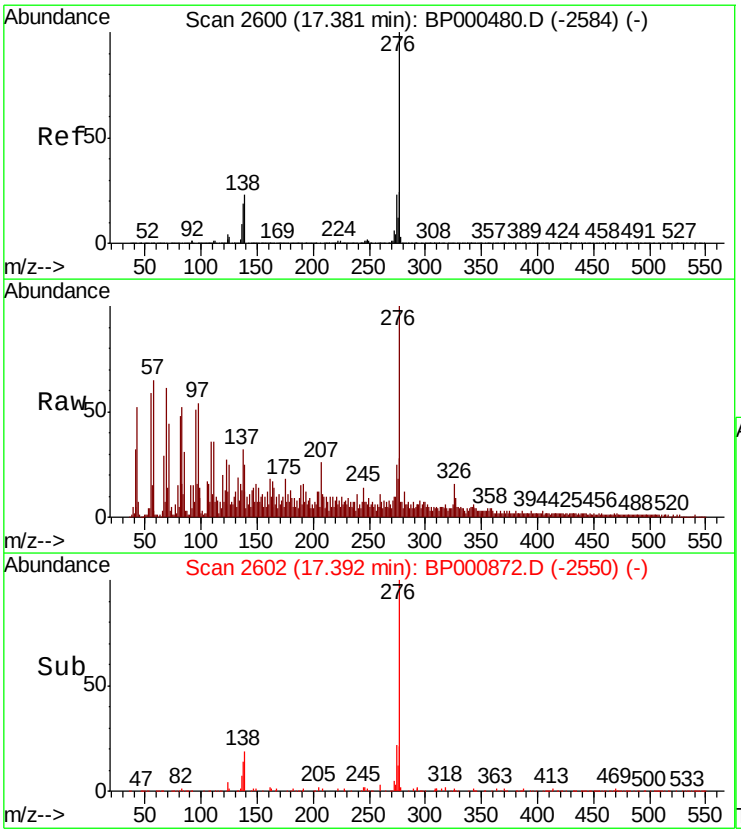
#90
Benzo(a)pyrene
Concen: 5.916 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Instrument :
BNA_P
ClientSampleId :
TP-22A-S

Tgt Ion:252 Resp: 143410

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.0	25.6#
125	17.5	8.4	12.6#





#92
Benzo(g,h,i)perylene
Concen: 2.572 ng
RT: 17.39 min Scan# 2602
Delta R.T. 0.01 min
Lab File: BP000872.D
Acq: 18 Oct 2019 06:18

Tgt Ion:276 Resp: 61445

Ion	Ratio	Lower	Upper
276	100		
277	28.2	19.4	29.2
138	25.4	18.5	27.7