Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000435.D
Acq On : 26 Sep 2019 20:24
Operator : JU
Sample : K5038-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 27 00:15:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	247764	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	891864	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	486381	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	889119	20.00	ng		0.00
76) Chrysene-d12	14.01	240	720214	20.00	ng		0.01
87) Perylene-d12	15.50	264	802859	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1372062	95.60	ng		0.02
7) Phenol-d6	6.44	99	1744931	99.19	ng		0.02
23) Nitrobenzene-d5	7.35	82	977124	70.69	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	470012	97.43	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2133320	78.94	ng		0.00
79) Terphenyl-d14	12.94	244	2440519	71.09	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.33	77	4067	Below Cal			91
10) Phenol	6.45	94	68974	3.451	ng		96
19) n-Nitroso-di-n-propylamine	7.35	70	120558	12.961	ng	#	75
25) Isophorone	7.35	82	976922	35.691	ng	#	63
49) Acenaphthylene	9.69	152	202505	4.773	ng		99
50) Dimethylphthalate	9.55	163	393783	11.883	ng		99
69) Atrazine	11.03	200	2301	Below Cal		#	85
71) Phenanthrene	11.36	178	780405	17.515	ng		99
72) Anthracene	11.41	178	326252	7.114	ng		99
73) Carbazole	11.56	167	87178	2.111	ng		99
75) Fluoranthene	12.56	202	1868801	39.061	ng		98
78) Pyrene	12.79	202	1863063	34.575	ng		99
80) Butylbenzylphthalate	13.42	149	65017	2.626	ng		95
81) Benzo(a)anthracene	14.00	228	1145486	25.179	ng		95
83) Chrysene	14.03	228	1054070	23.598	ng		98
84) Bis(2-ethylhexyl)phthalate	13.99	149	737802	24.824	ng		98
86) Indeno(1,2,3-cd)pyrene	17.00	276	692341	12.716	ng		94
88) Benzo(b)fluoranthene	15.07	252	2237435	46.715	ng		99
89) Benzo(k)fluoranthene	15.07	252	2237435	53.554	ng		99
90) Benzo(a)pyrene	15.44	252	1095564	25.139	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	191514	4.713	ng		93
92) Benzo(g,h,i)perylene	17.45	276	642544	15.385	ng		98

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

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ALS Vial : 24 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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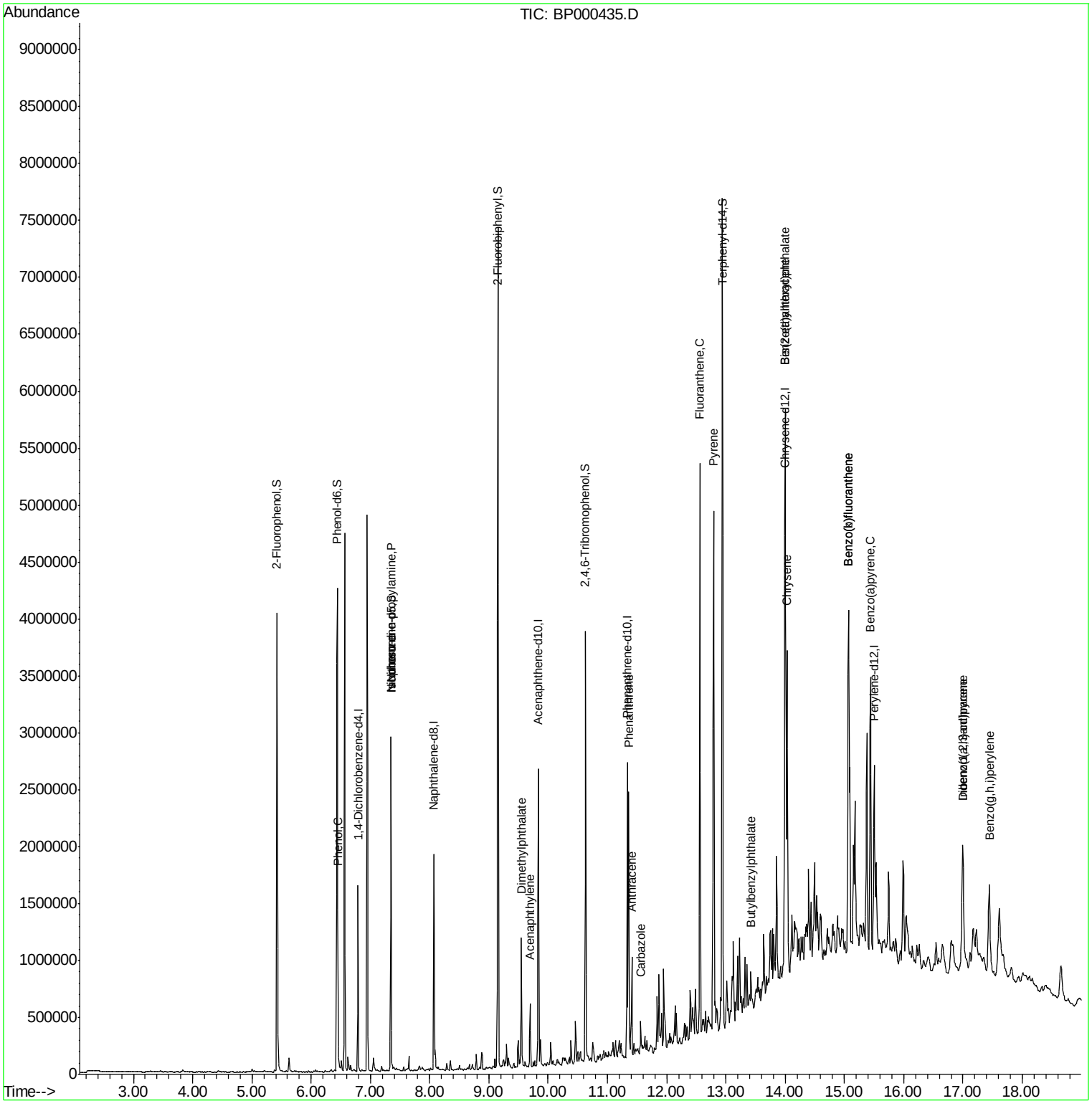
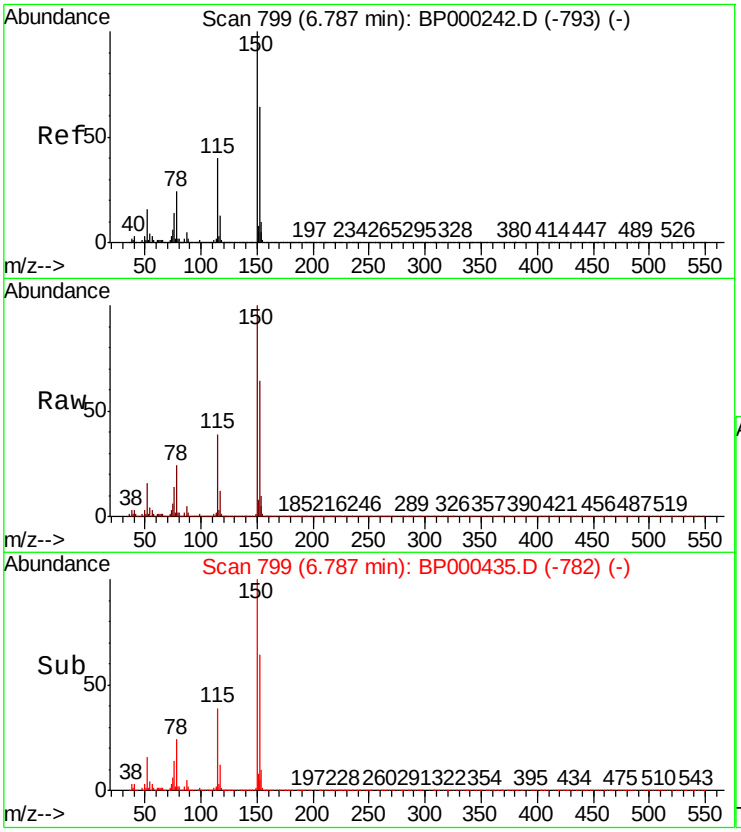


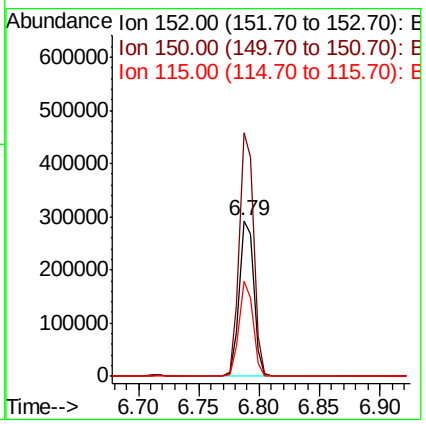


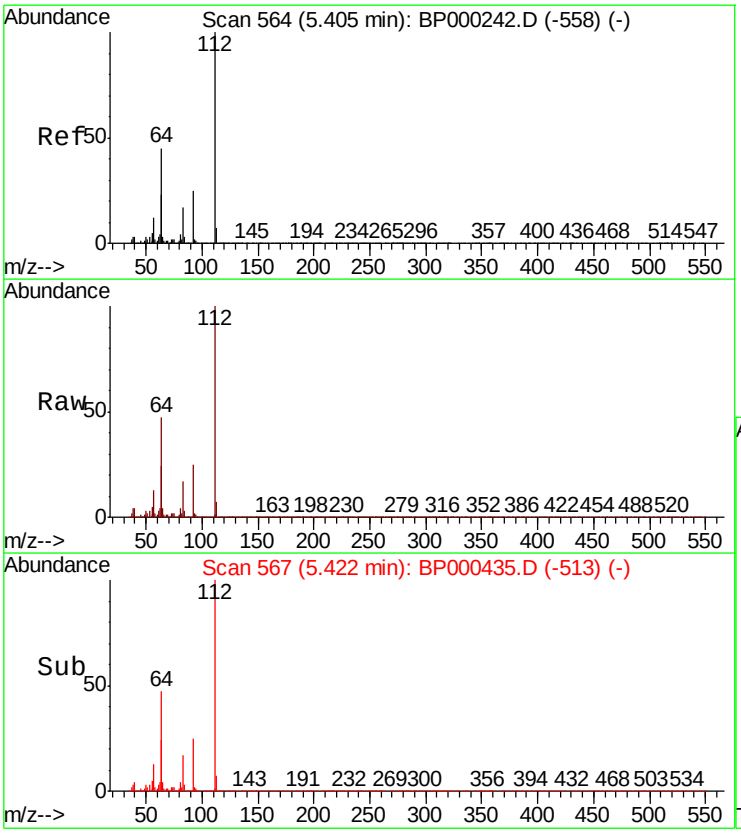
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 247764

Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.2	187.8
115	61.2	49.7	74.5

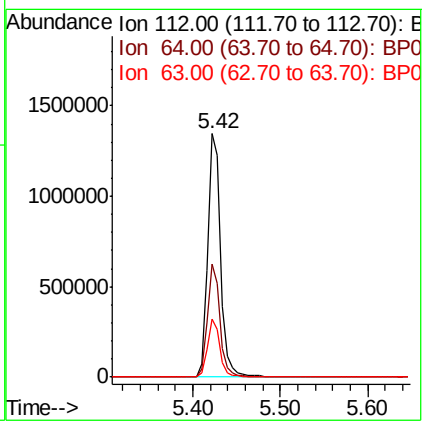


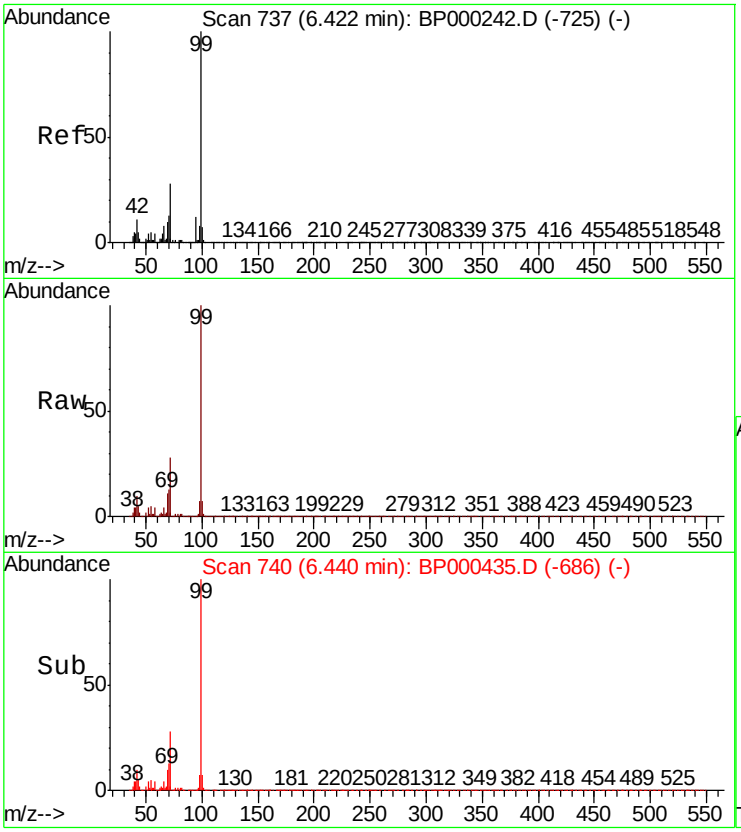


#5
2-Fluorophenol
Concen: 95.601 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Tgt Ion:112 Resp: 1372062

Ion	Ratio	Lower	Upper
112	100		
64	46.6	36.2	54.4
63	24.0	18.3	27.5



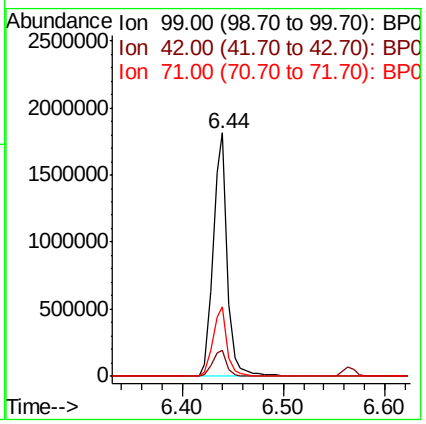


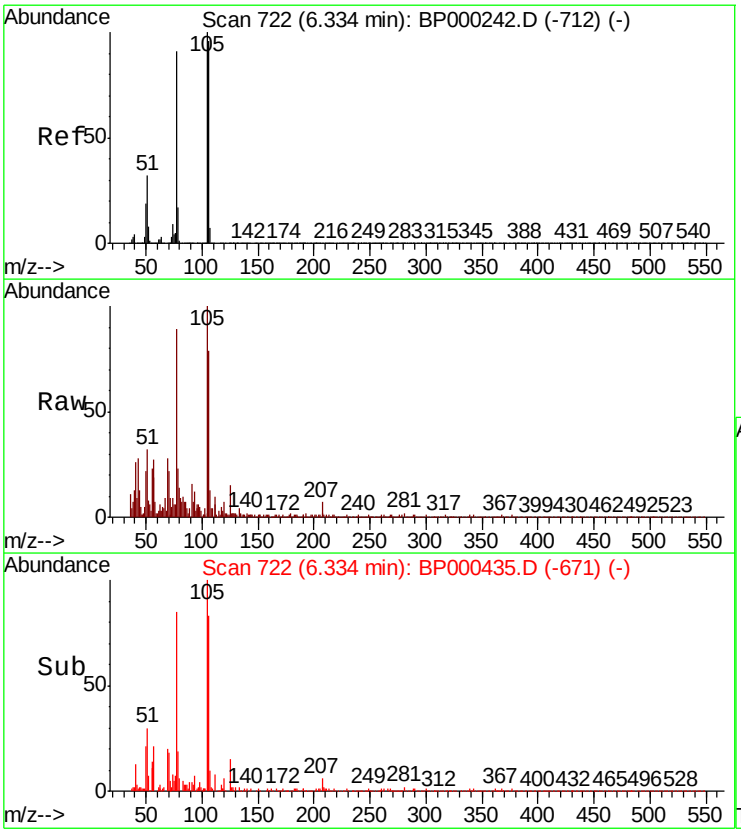
#7
Phenol-d6
Concen: 99.187 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.02 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1744931

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.5	12.7
71	28.5	22.6	34.0

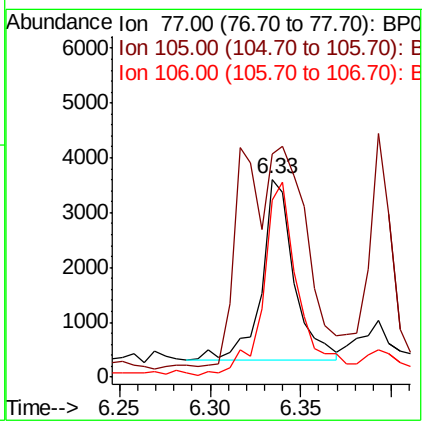


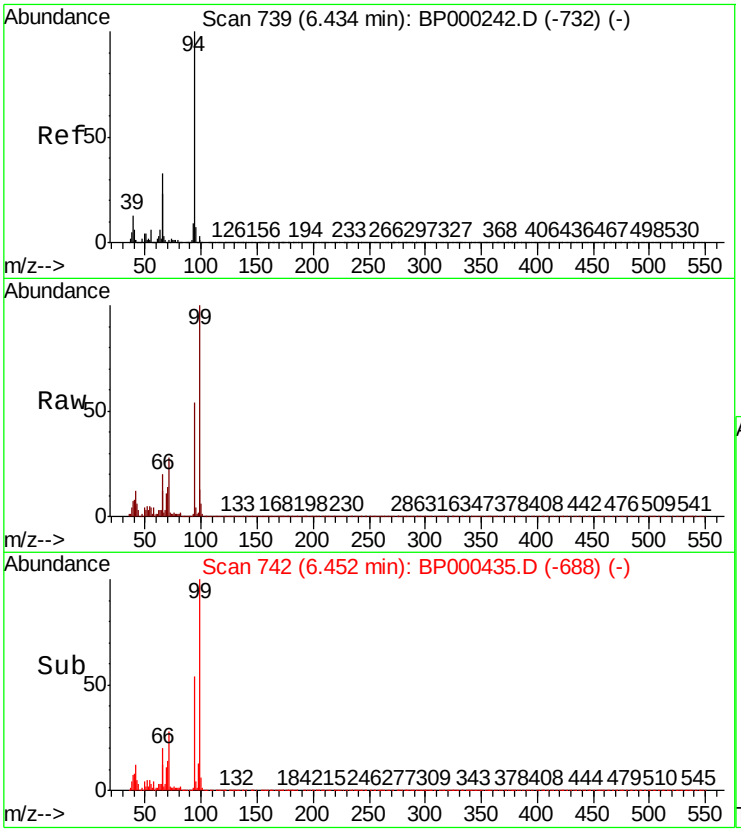


#9
Benzaldehyde
Concen: Below Cal
RT: 6.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Tgt Ion: 77 Resp: 4067

Ion	Ratio	Lower	Upper
77	100		
105	112.7	89.6	129.6
106	89.3	84.6	124.6



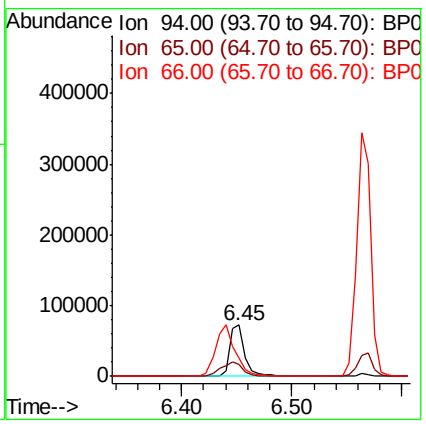


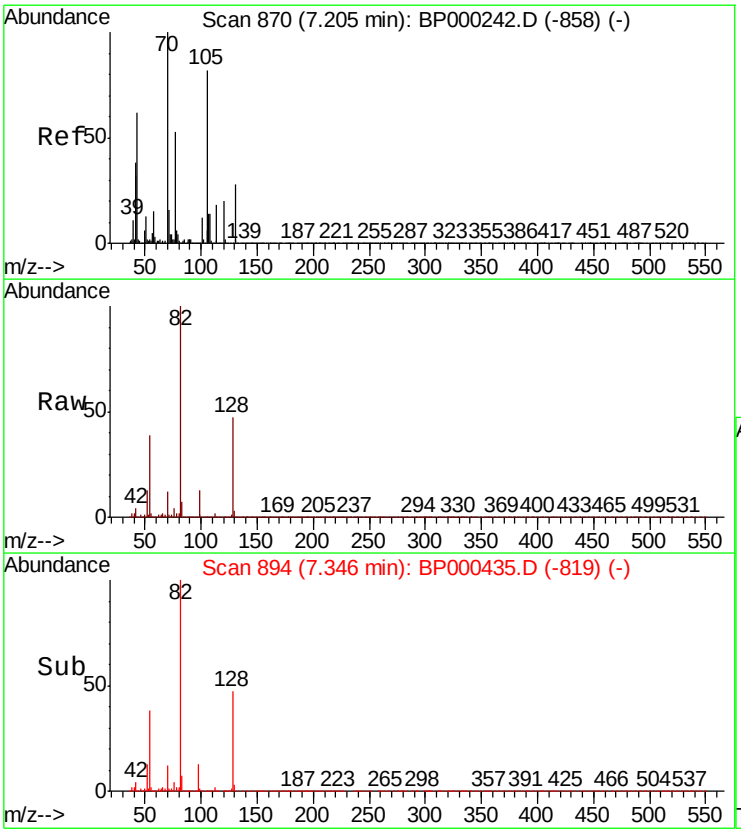
#10
Phenol
Concen: 3.451 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.02 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 68974

Ion	Ratio	Lower	Upper
94	100		
65	23.1	3.3	43.3
66	36.9	12.7	52.7

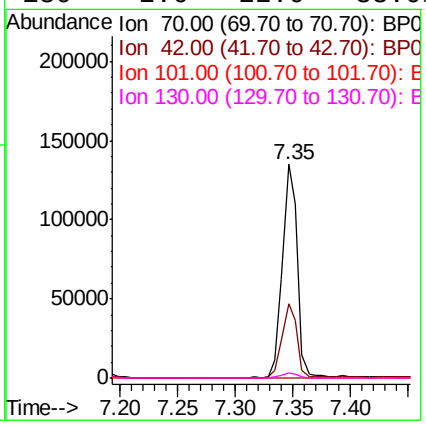


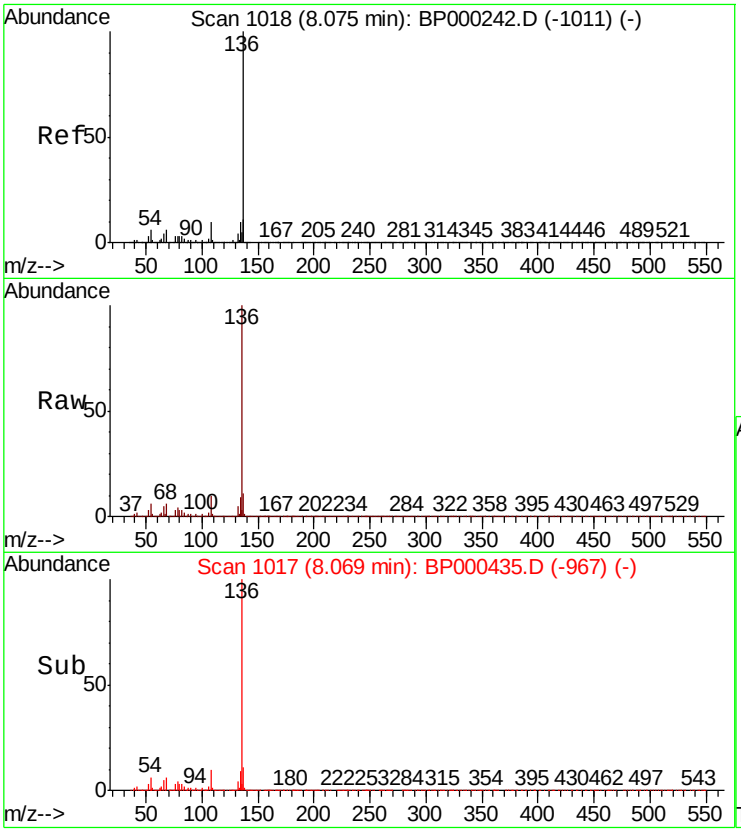


#19
n-Nitroso-di-n-propylamine
Concen: 12.961 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Tgt Ion: 70 Resp: 120558

Ion	Ratio	Lower	Upper
70	100		
42	34.7	30.7	46.1
101	0.0	9.6	14.4#
130	2.6	22.0	33.0#



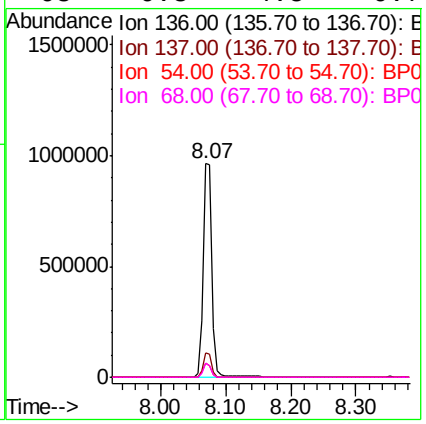


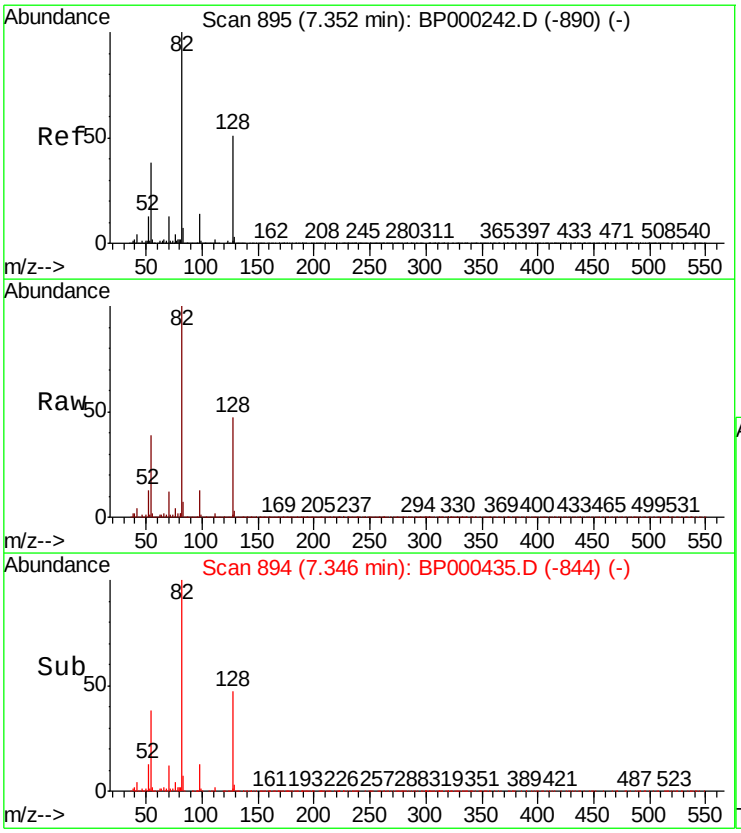
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 891864

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	6.5	4.5	6.7
68	6.3	4.5	6.7

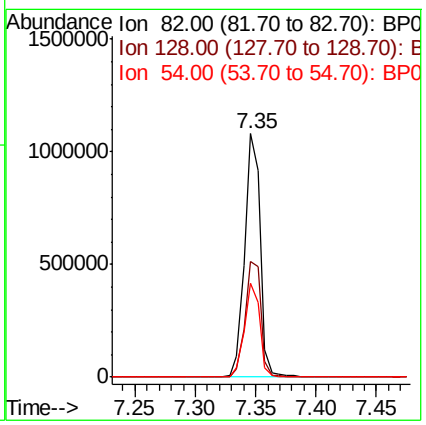


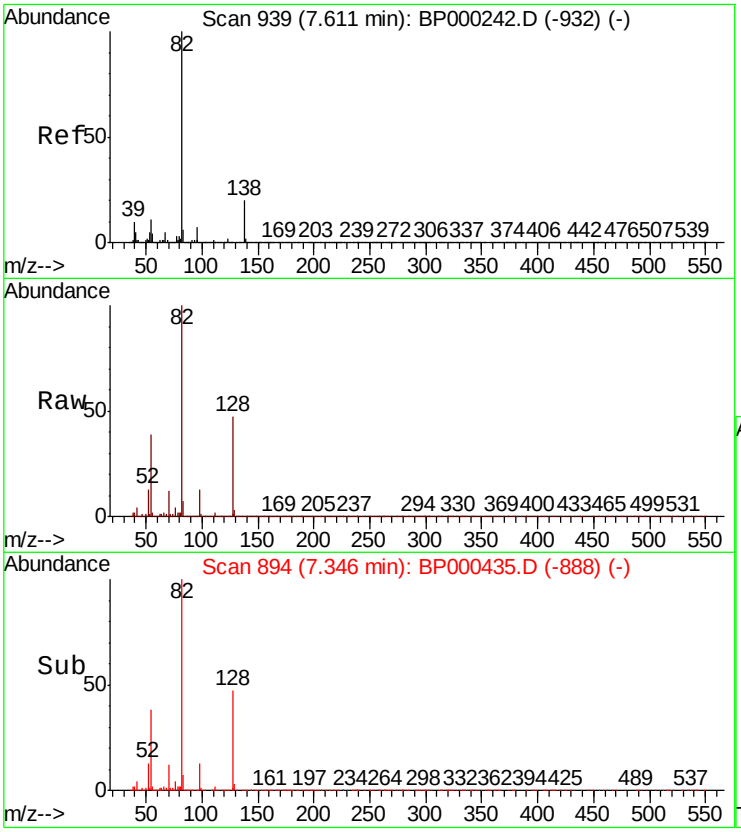


#23
Nitrobenzene-d5
Concen: 70.687 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Tgt Ion: 82 Resp: 977124

Ion	Ratio	Lower	Upper
82	100		
128	47.4	40.7	61.1
54	38.5	30.1	45.1



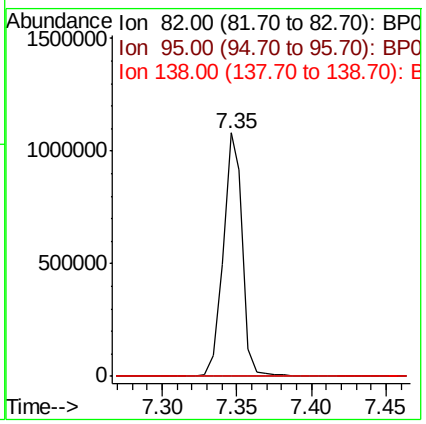


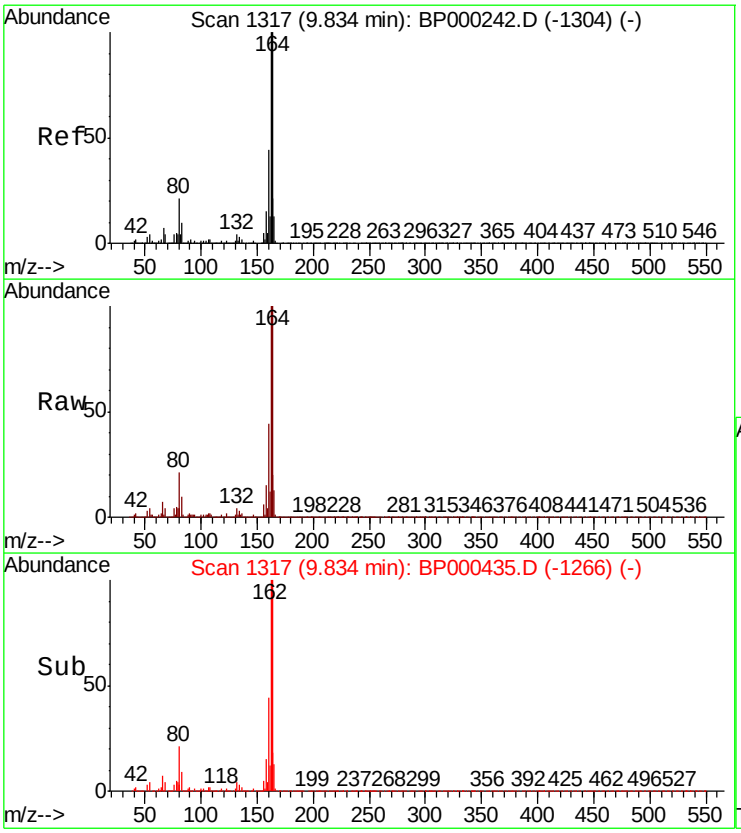
#25
Isophorone
Concen: 35.691 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 976922

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

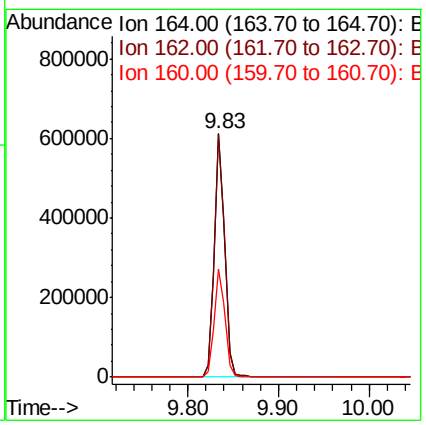


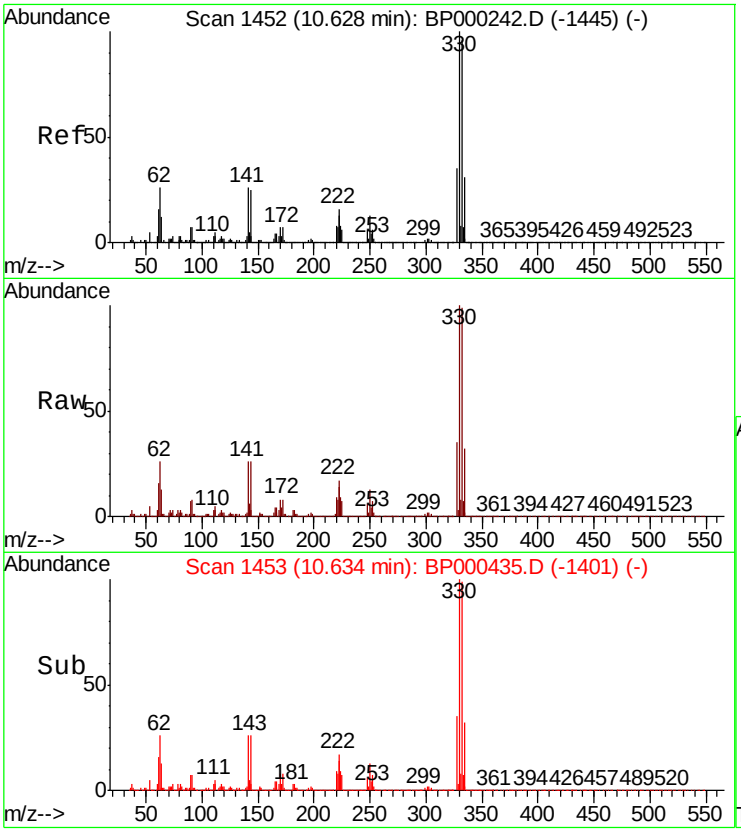


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Tgt Ion:164 Resp: 486381

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.9	119.9
160	44.3	35.6	53.4



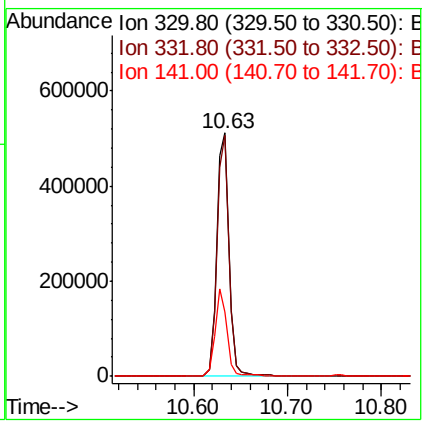


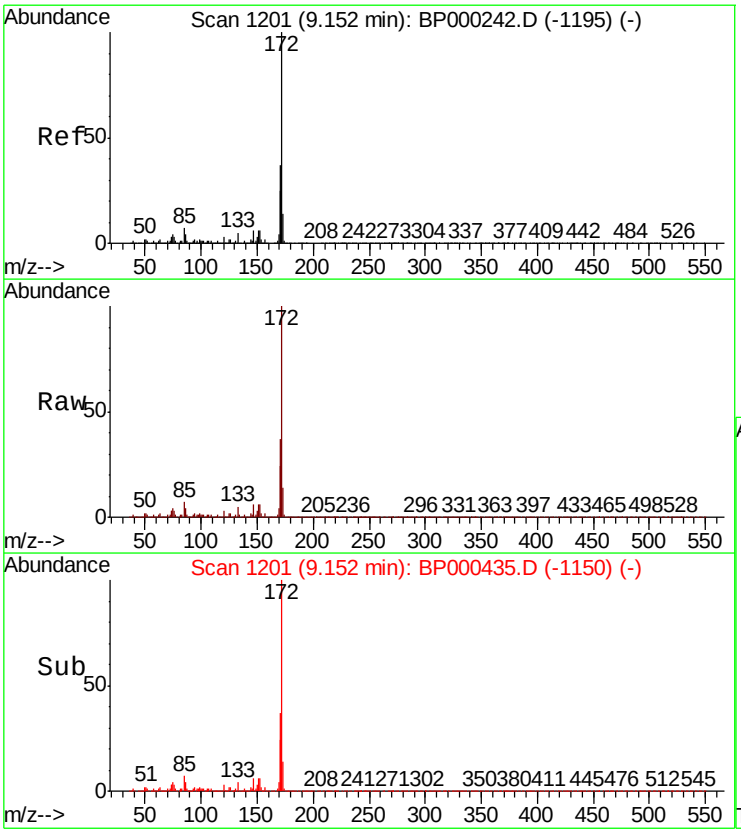
#42
2,4,6-Tribromophenol
Concen: 97.427 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 470012

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	34.0	26.5	39.7

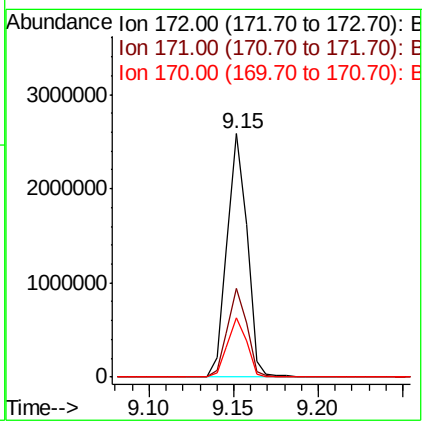


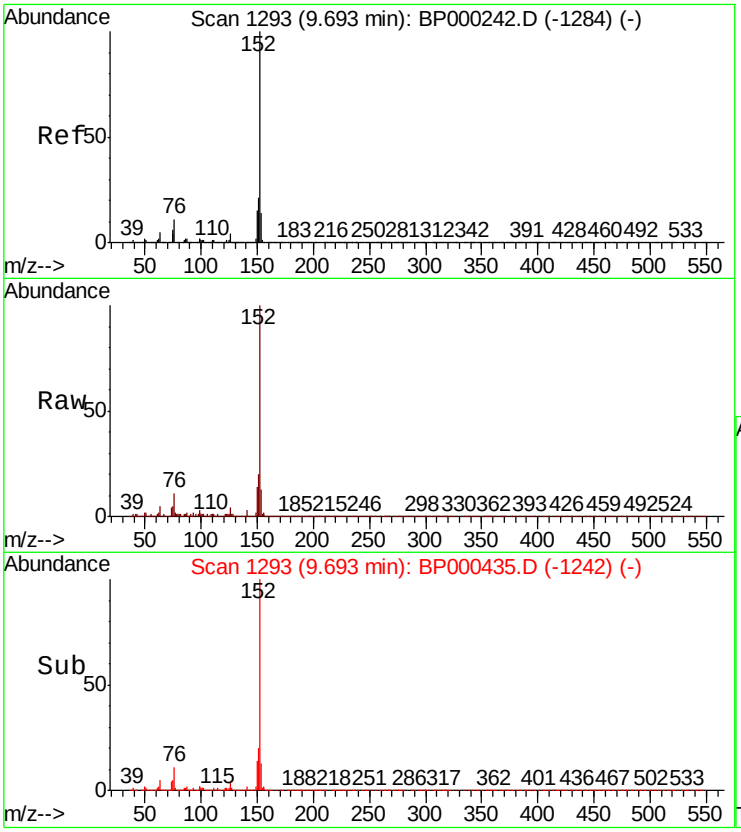


#45
2-Fluorobiphenyl
Concen: 78.942 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Tgt Ion:172 Resp: 2133320

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.2	19.8	29.6



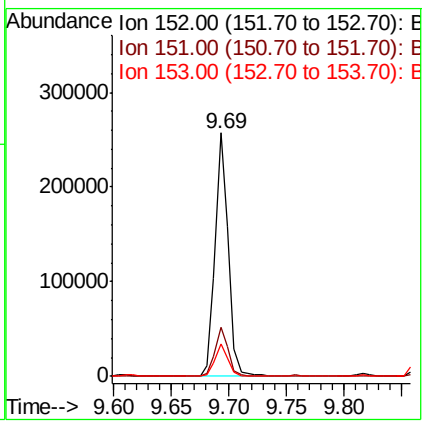


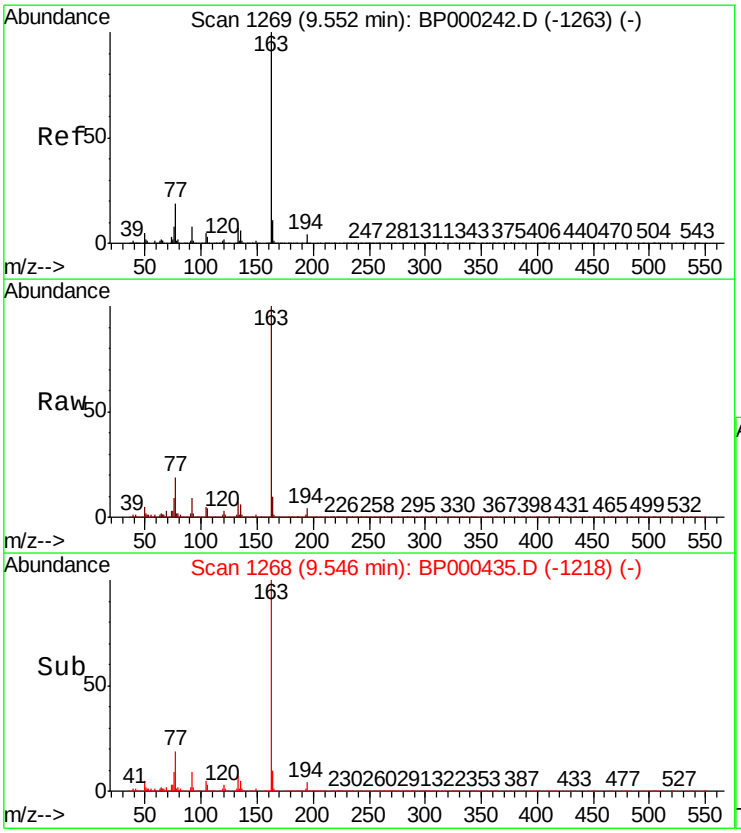
#49
Acenaphthylene
Concen: 4.773 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 202505

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.4	24.6
153	13.5	11.0	16.4

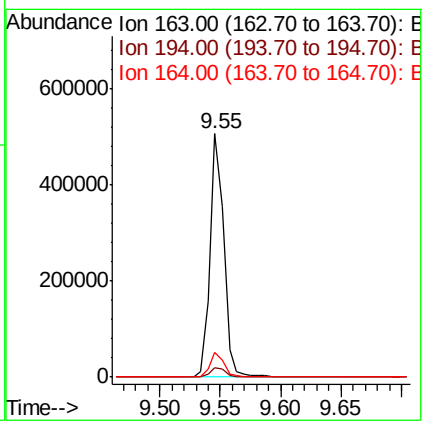


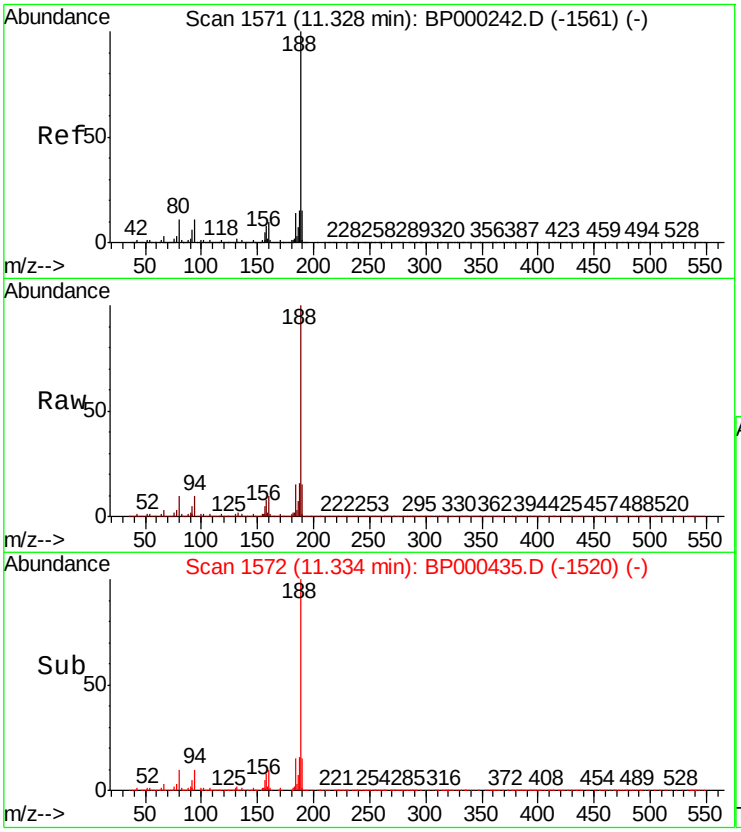


#50
Dimethylphthalate
Concen: 11.883 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Tgt Ion:163 Resp: 393783

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.2	8.5	12.7



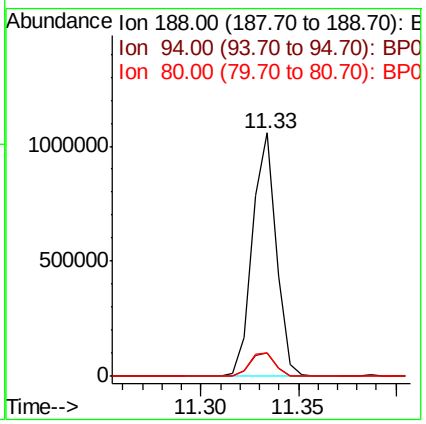


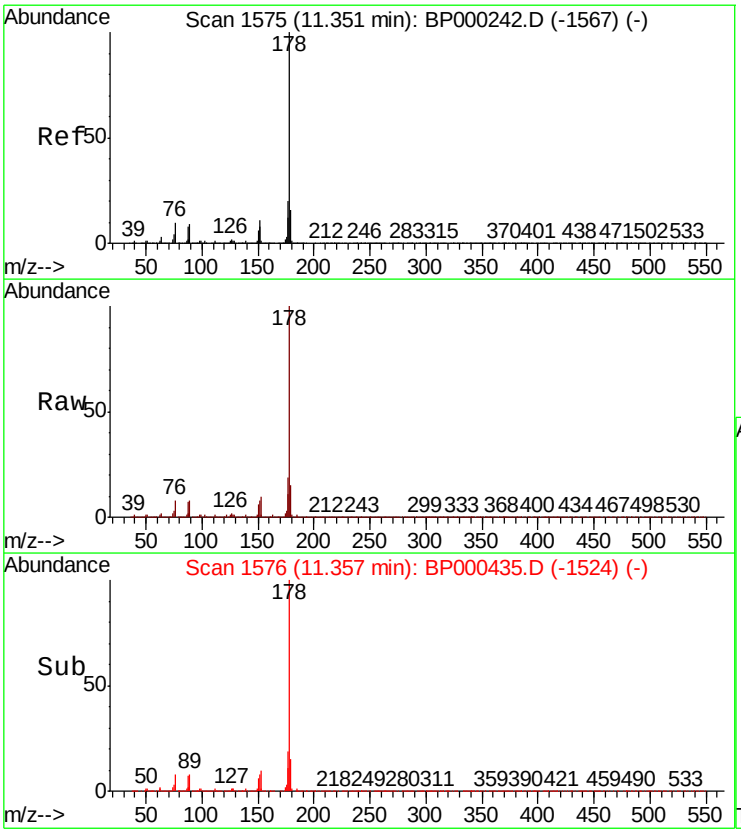
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 889119

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	9.7	8.6	13.0

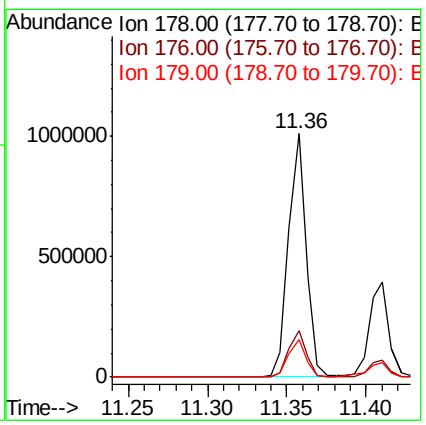


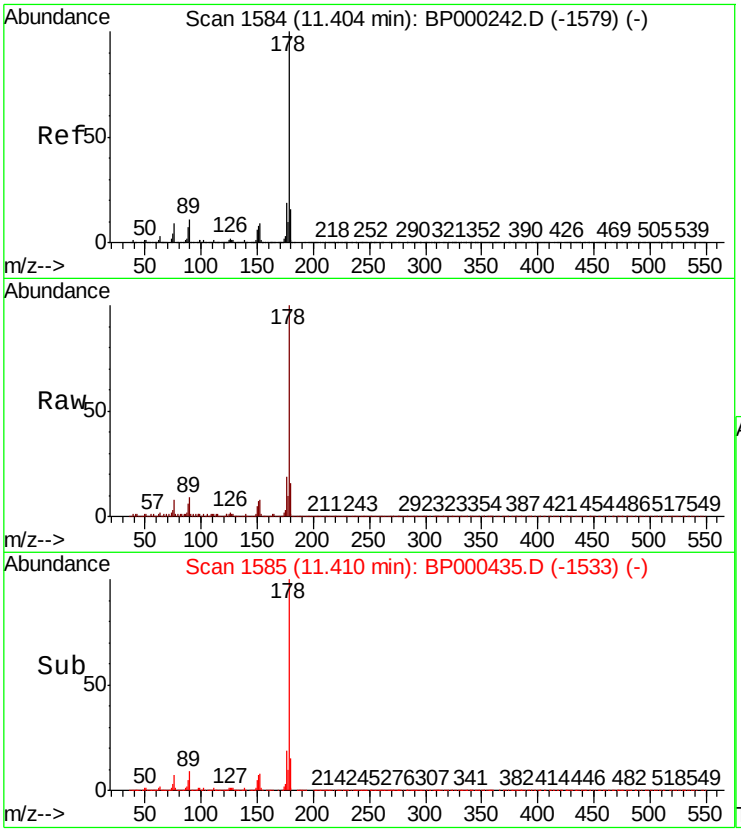


#71
Phenanthrene
Concen: 17.515 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Tgt Ion:178 Resp: 780405

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



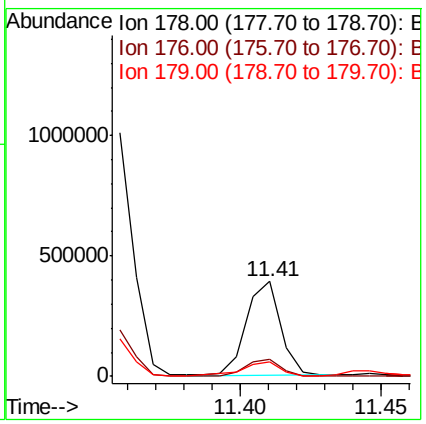


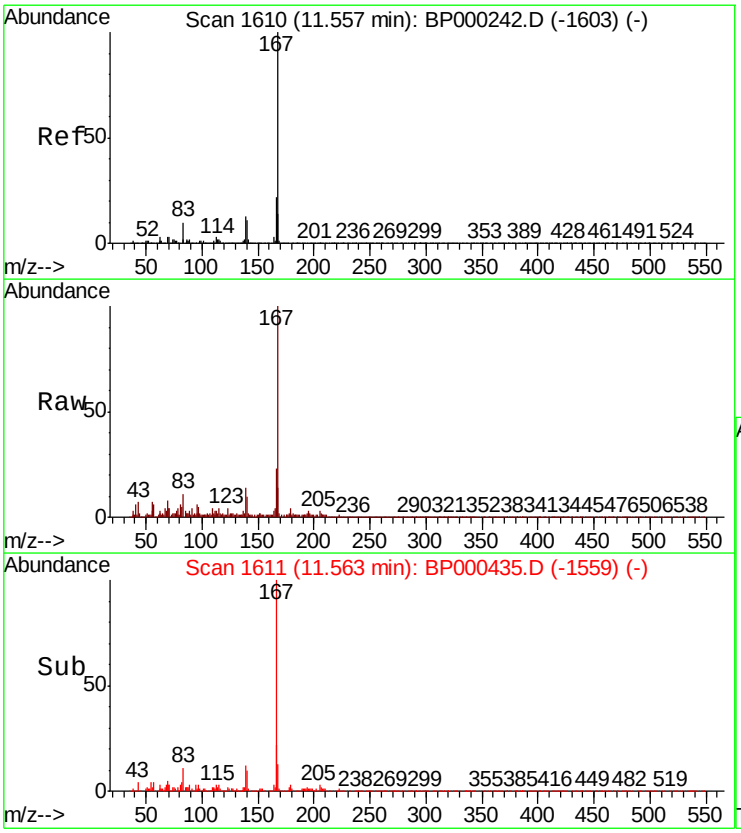
#72
Anthracene
Concen: 7.114 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 326252

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.8	12.7	19.1

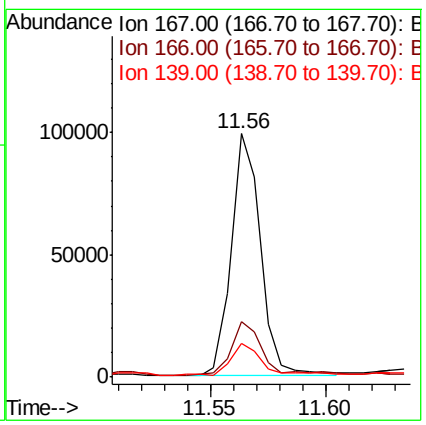


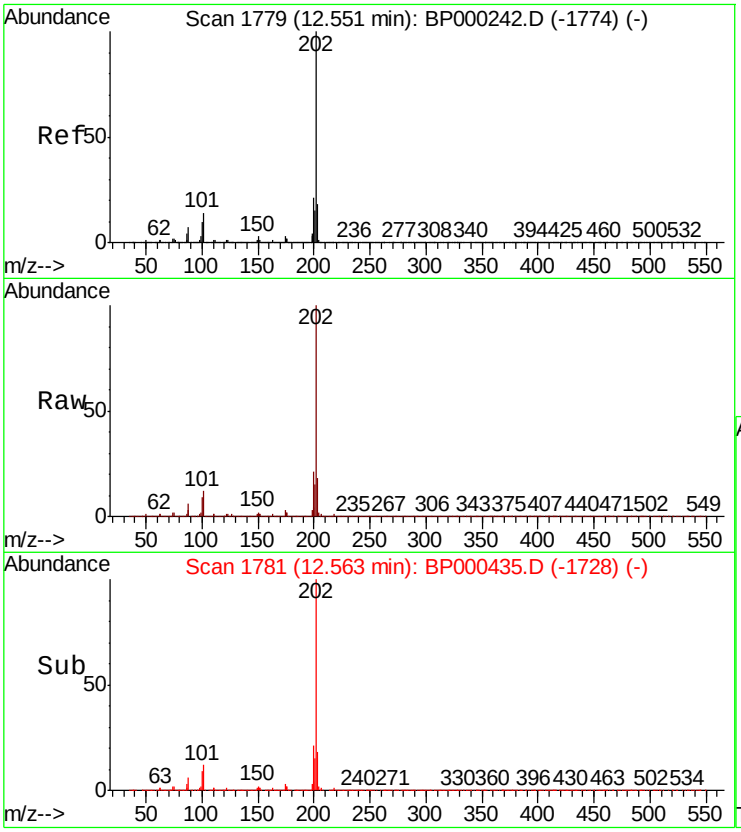


#73
Carbazole
Concen: 2.111 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Tgt Ion:167 Resp: 87178

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.8	26.8
139	13.8	10.8	16.2



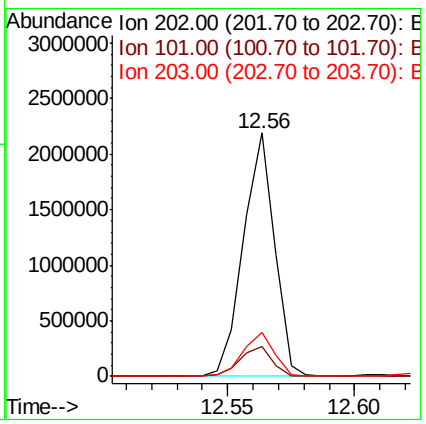


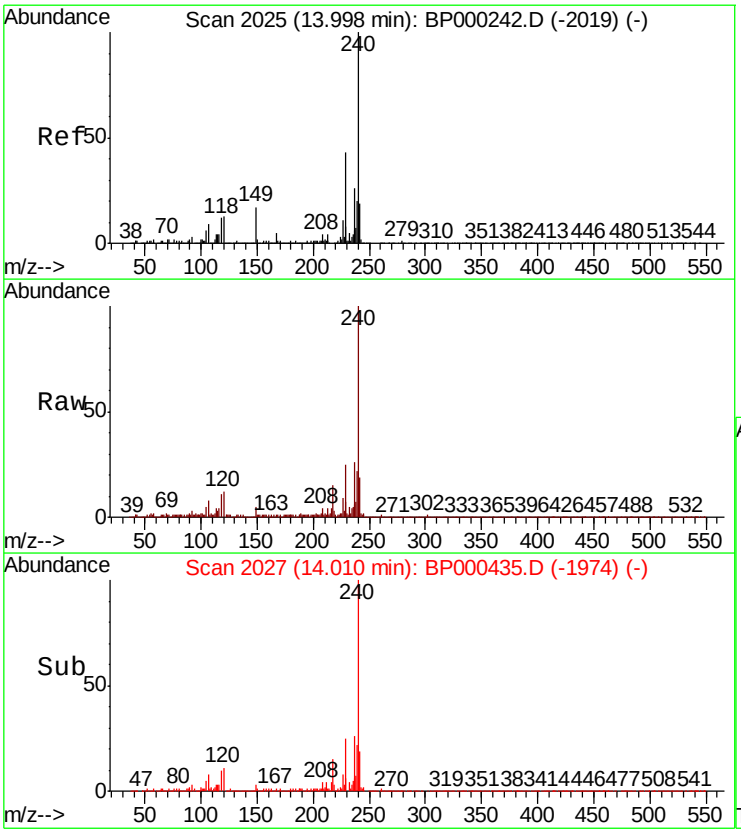
#75
Fluoranthene
Concen: 39.061 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 1868801

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.9
203	18.2	0.0	38.0

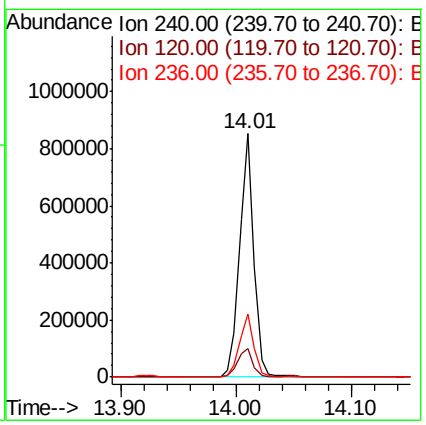


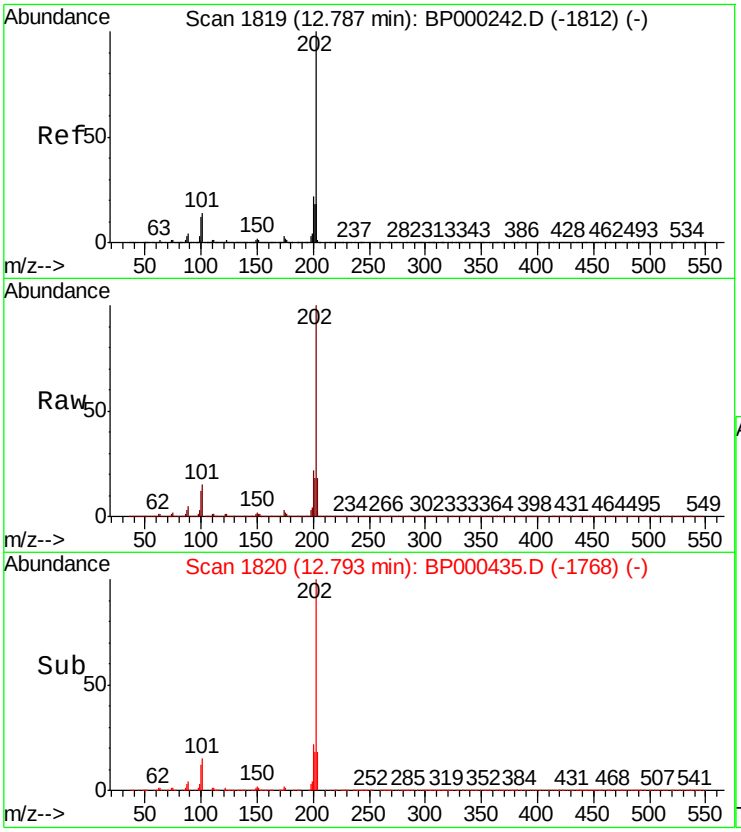


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Tgt Ion:240 Resp: 720214

Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.4	15.6
236	26.2	21.0	31.6



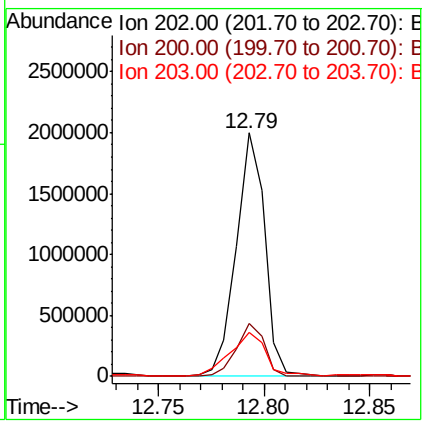


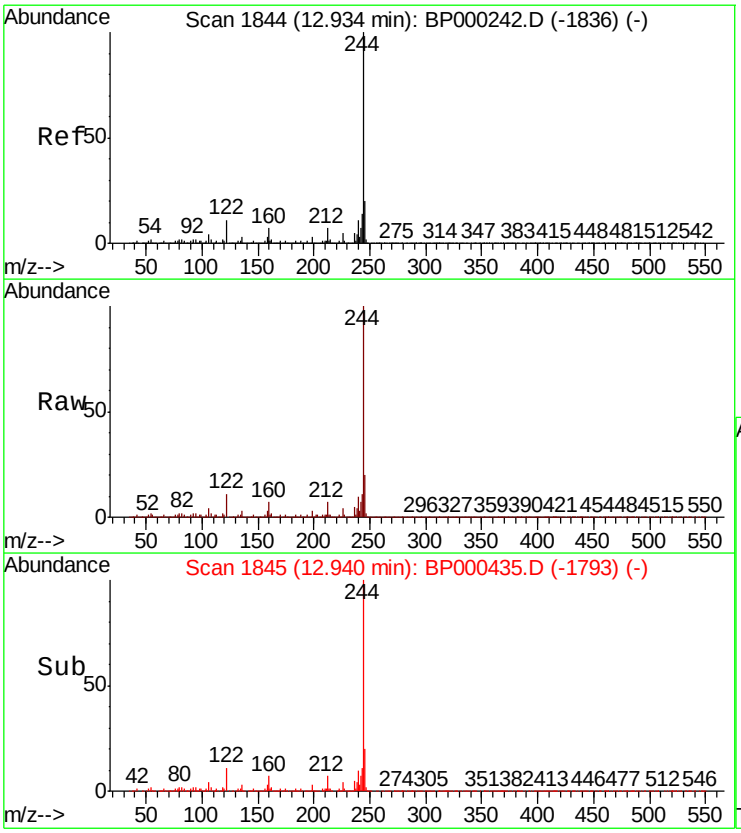
#78
Pyrene
Concen: 34.575 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 1863063

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.5	26.3
203	18.3	14.3	21.5

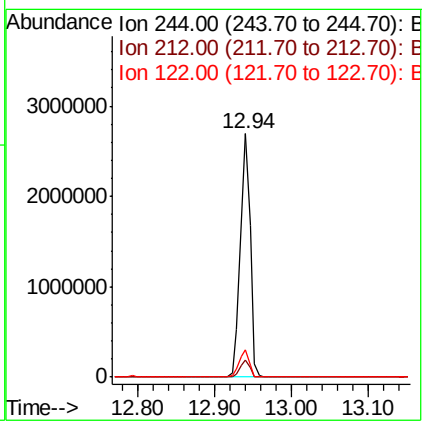


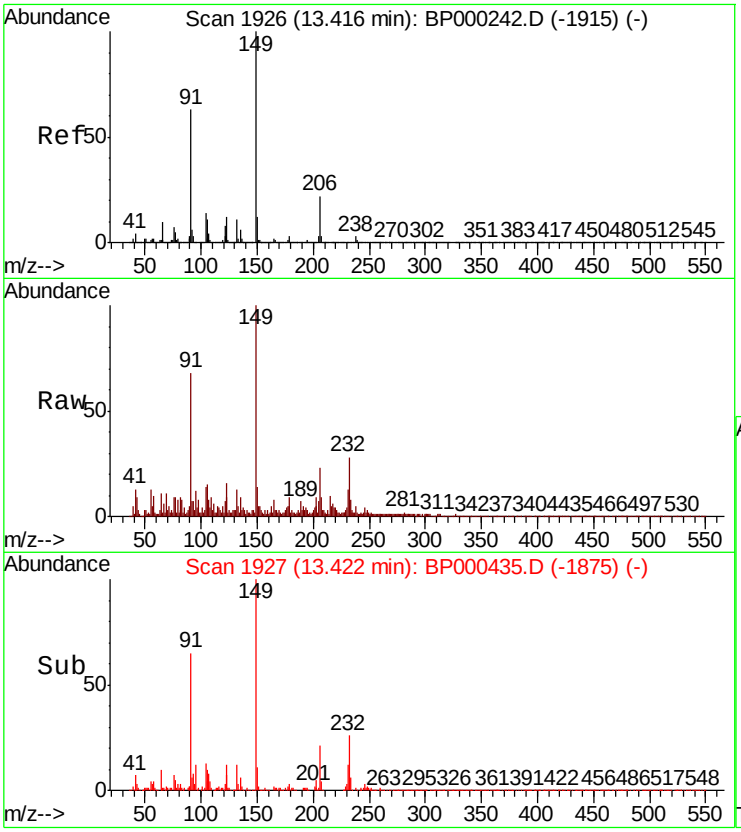


#79
Terphenyl-d14
Concen: 71.088 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Tgt Ion:244 Resp: 2440519

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	11.4	9.0	13.4



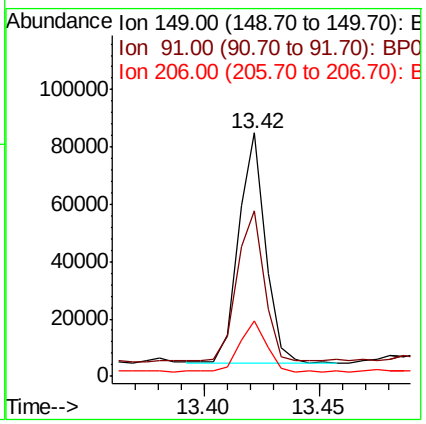


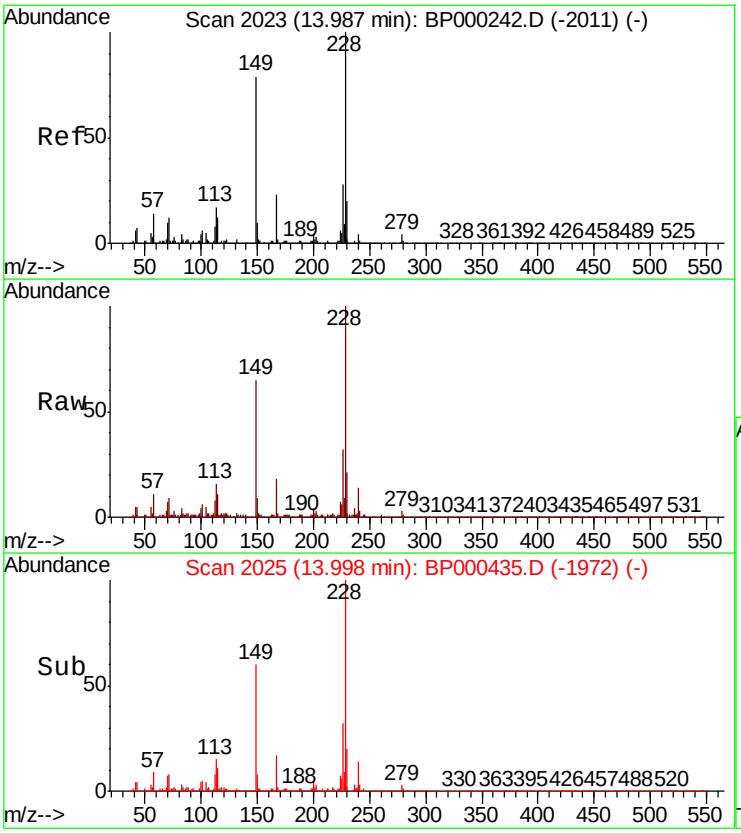
#80
Butylbenzylphthalate
Concen: 2.626 ng
RT: 13.42 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 65017

Ion	Ratio	Lower	Upper
149	100		
91	67.7	50.6	76.0
206	22.9	17.8	26.6

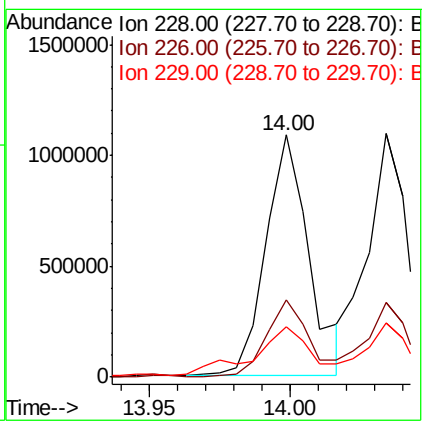


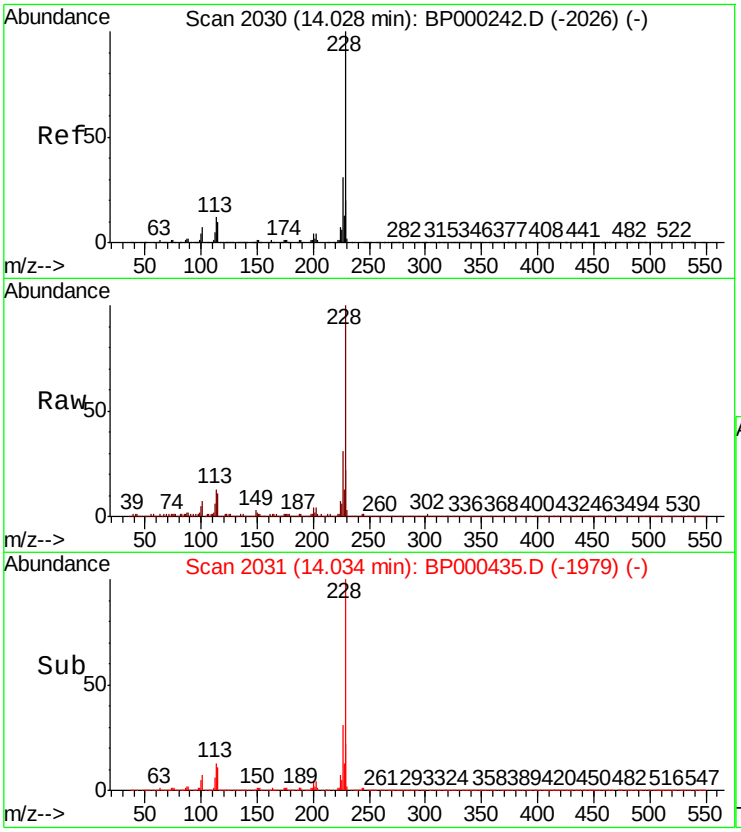


#81
Benzo(a)anthracene
Concen: 25.179 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Tgt Ion:228 Resp: 1145486

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.2	33.4
229	20.8	16.0	24.0



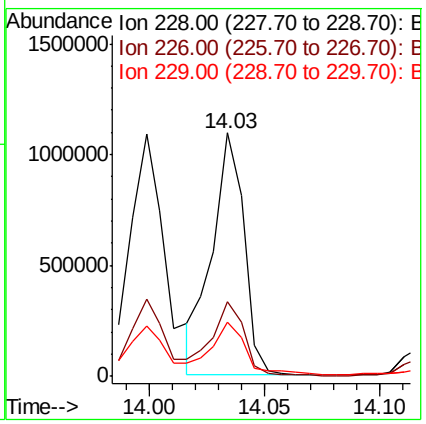


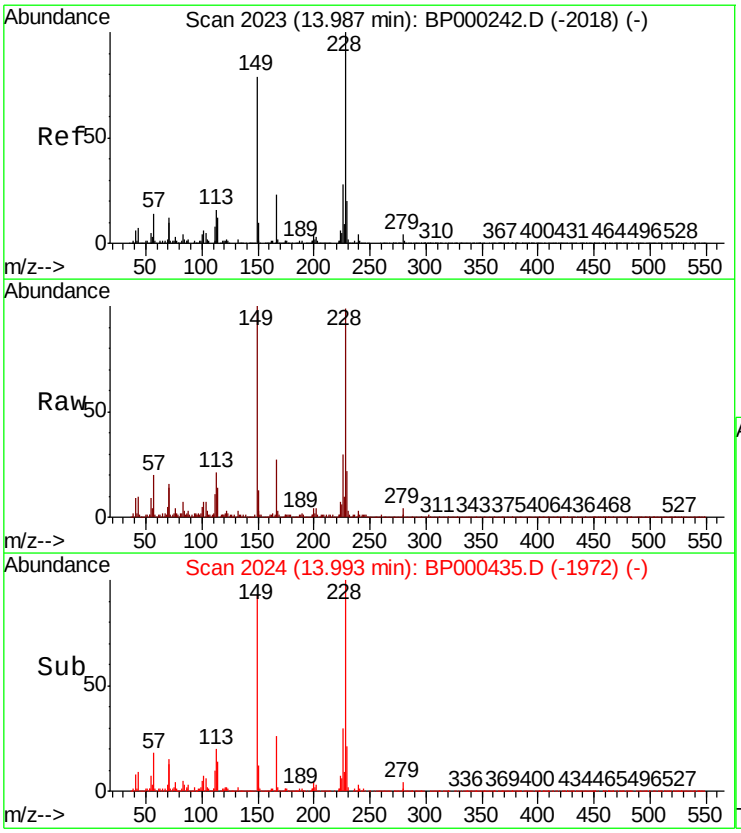
#83
Chrysene
Concen: 23.598 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 1054070

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	22.4	16.2	24.2

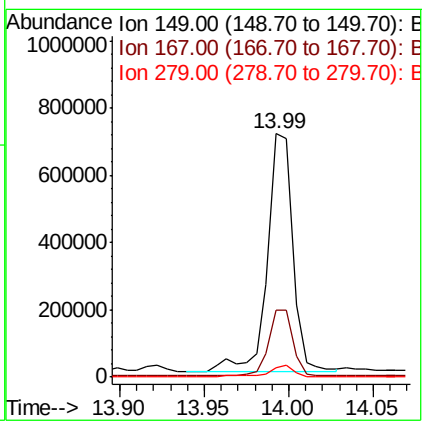


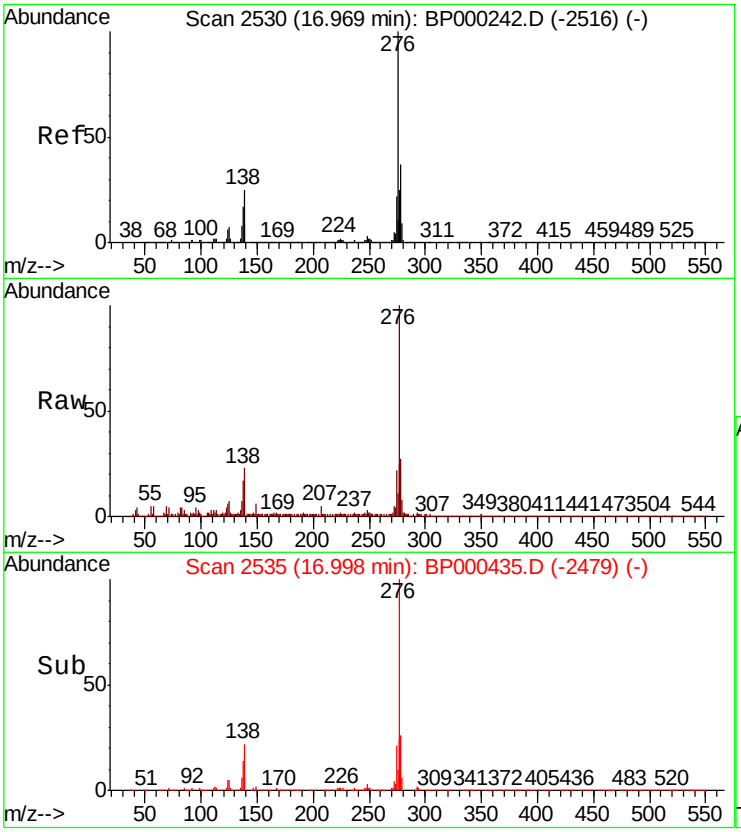


#84
Bis(2-ethylhexyl)phthalate
Concen: 24.824 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Tgt Ion:149 Resp: 737802

Ion	Ratio	Lower	Upper
149	100		
167	27.4	23.0	34.4
279	3.9	3.7	5.5



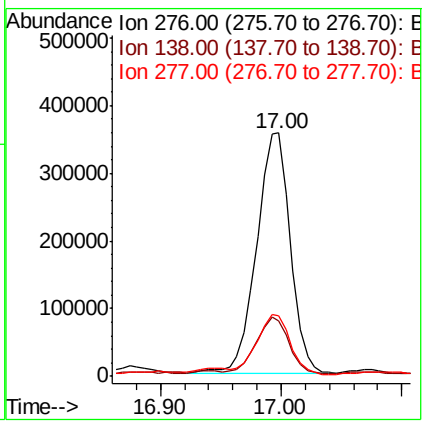


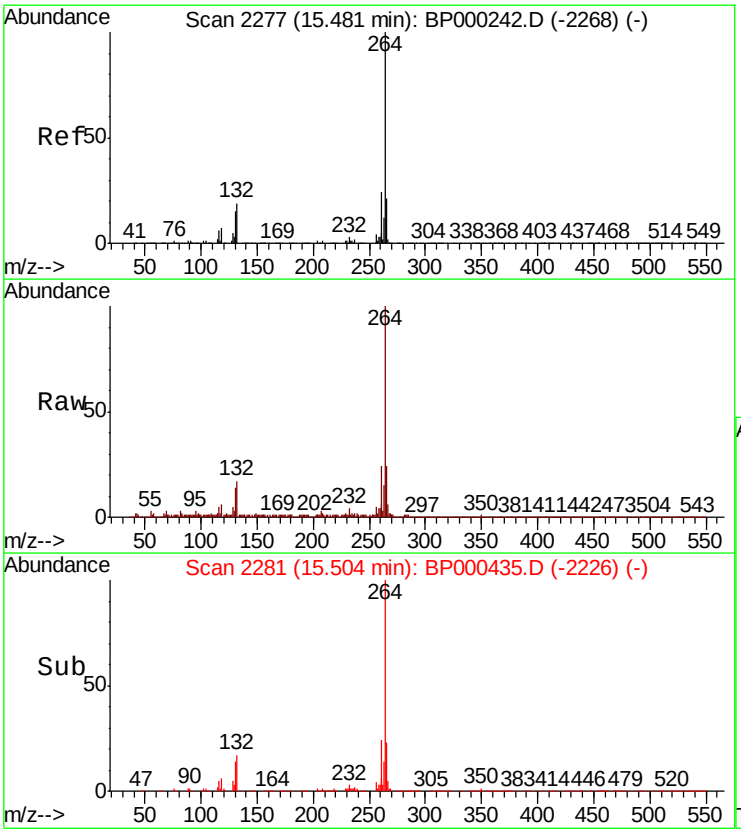
#86
Indeno(1,2,3-cd)pyrene
Concen: 12.716 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.03 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 692341

Ion	Ratio	Lower	Upper
276	100		
138	23.2	22.6	33.8
277	24.8	20.4	30.6

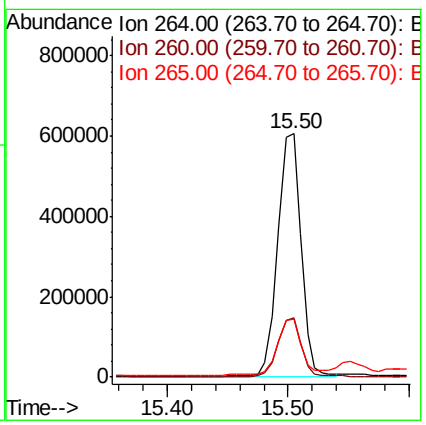


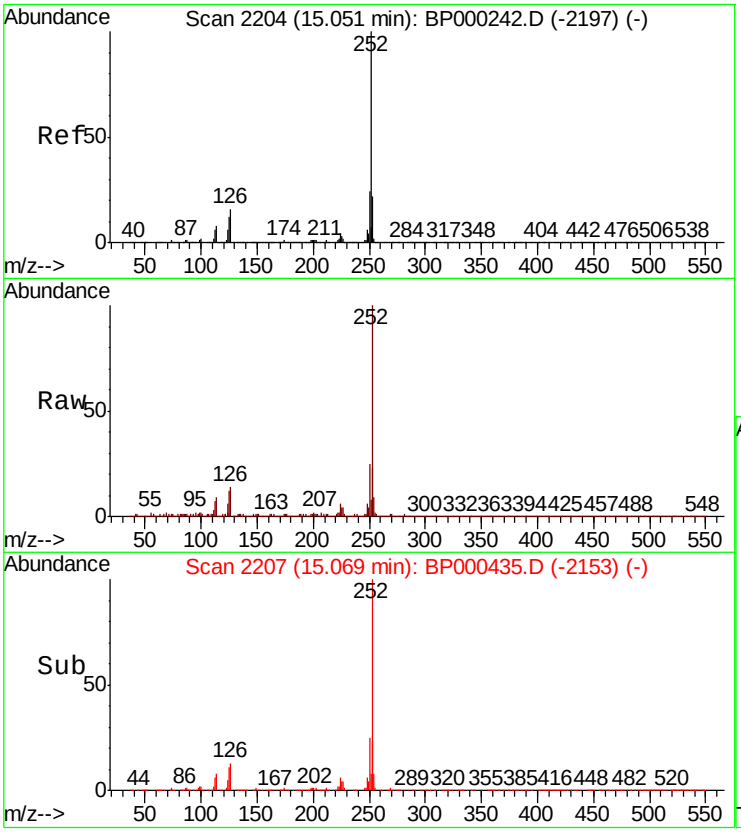


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.02 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Tgt Ion:264 Resp: 802859

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	23.8	17.2	25.8



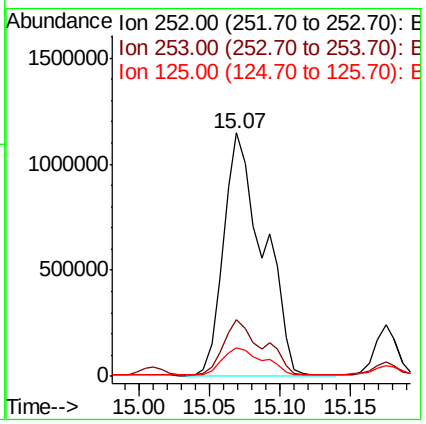


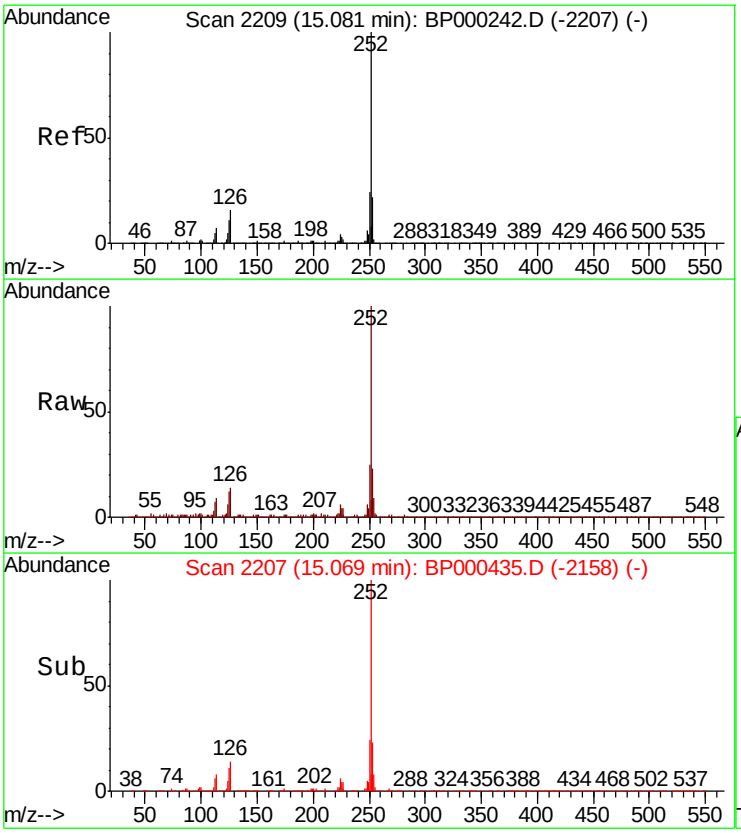
#88
Benzo(b)fluoranthene
Concen: 46.715 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.02 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 2237435

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	11.8	9.5	14.3

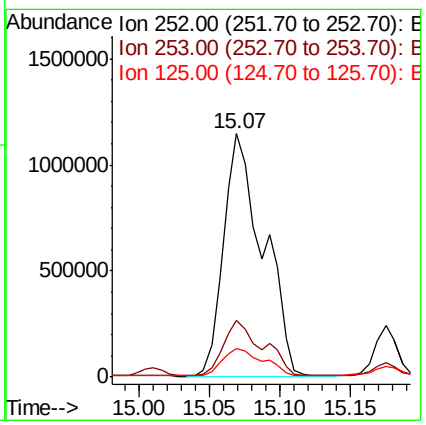


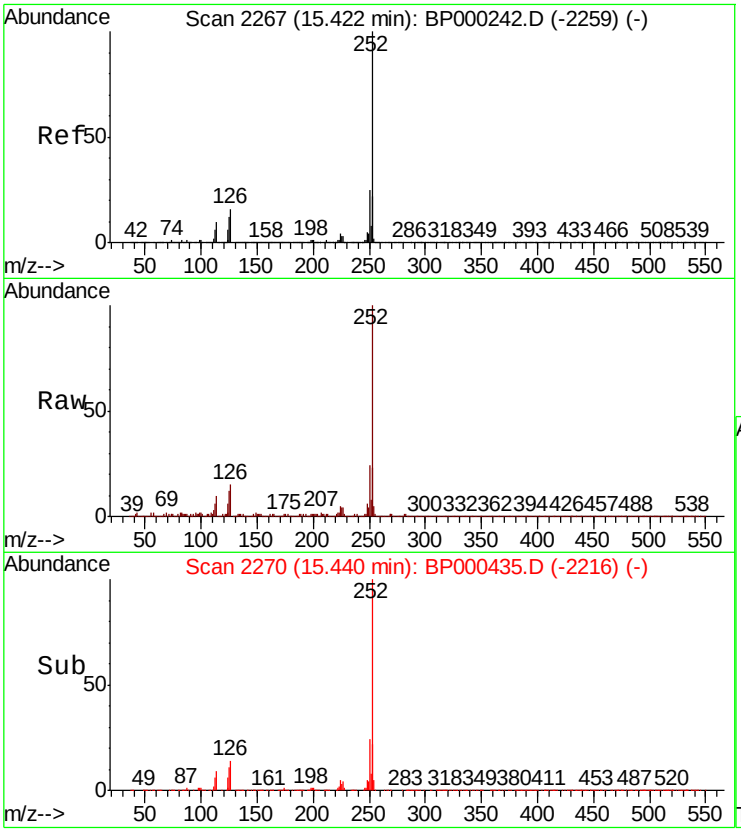


#89
Benzo(k)fluoranthene
Concen: 53.554 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Tgt Ion:252 Resp: 2237435

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	11.8	9.6	14.4



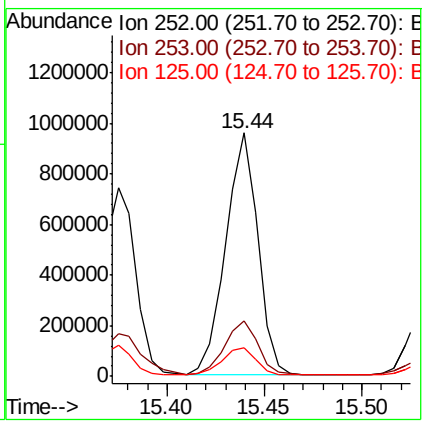


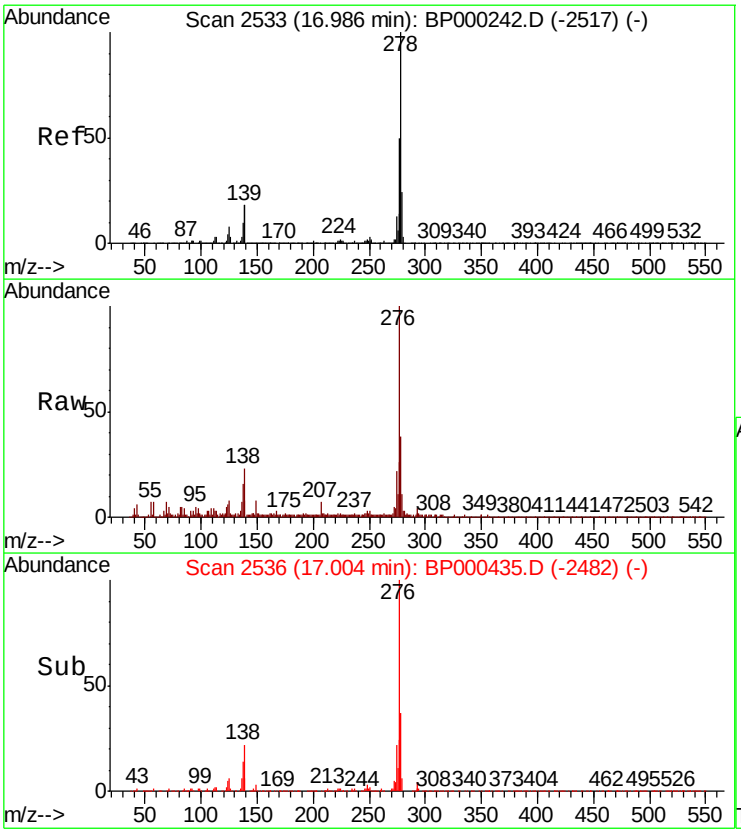
#90
Benzo(a)pyrene
Concen: 25.139 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 1095564

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	12.0	10.0	15.0

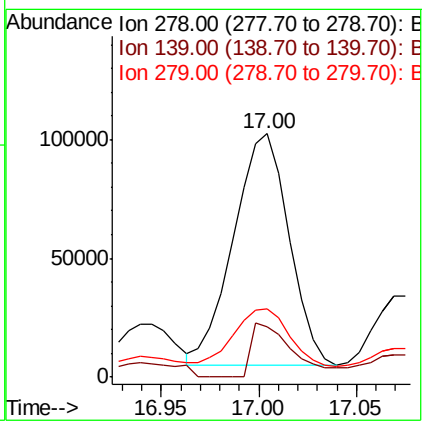


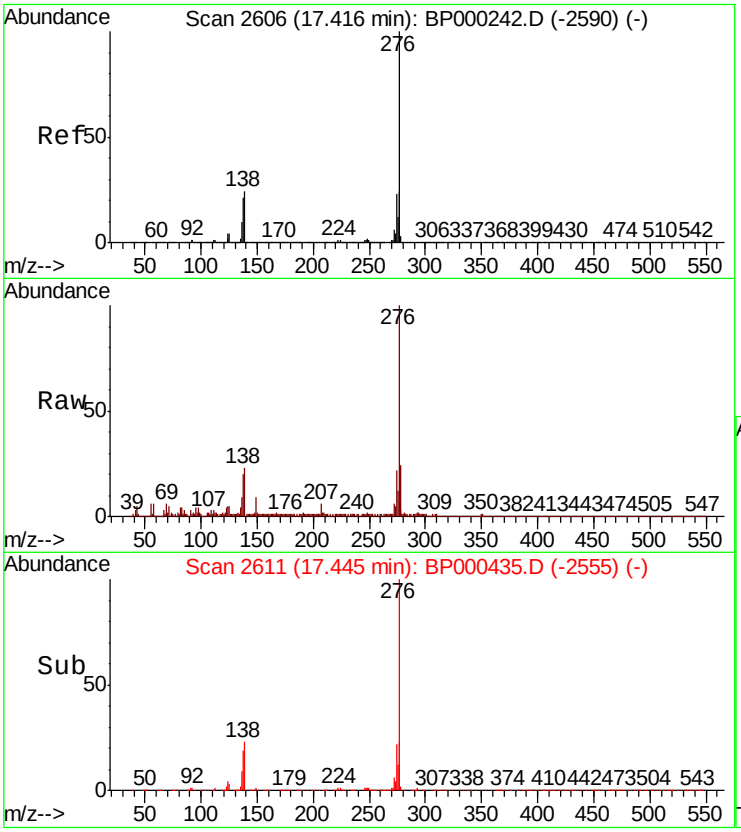


#91
Dibenzo(a,h)anthracene
Concen: 4.713 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.02 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Tgt Ion:278 Resp: 191514

Ion	Ratio	Lower	Upper
278	100		
139	20.9	14.5	21.7
279	27.9	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 15.385 ng
RT: 17.45 min Scan# 2611
Delta R.T. 0.03 min
Lab File: BP000435.D
Acq: 26 Sep 2019 20:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 642544

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.1	28.7
138	23.3	19.5	29.3