Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000295.D
Acq On : 18 Sep 2019 14:24
Operator : HP/JU
Sample : K4925-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 19 03:17:35 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	296881	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1080315	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	605680	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1123656	20.00	ng		0.00
76) Chrysene-d12	13.99	240	930957	20.00	ng		0.00
87) Perylene-d12	15.47	264	984119	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1517220	88.23	ng		0.01
7) Phenol-d6	6.43	99	2020965	95.87	ng		0.00
23) Nitrobenzene-d5	7.35	82	1160043	69.28	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	586850	97.69	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2336753	69.44	ng		0.00
79) Terphenyl-d14	12.93	244	2633596	59.35	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.33	77	5679	Below Cal			94
10) Phenol	6.43	94	77298	3.227	ng		85
19) n-Nitroso-di-n-propylamine	7.35	70	143484	12.874	ng	#	76
25) Isophorone	7.35	82	1157548	34.913	ng	#	63
50) Dimethylphthalate	9.55	163	323657	7.843	ng		98
57) 2,4-Dinitrotoluene	9.83	165	78860	6.648	ng	#	35
67) 4-Bromophenyl-phenylether	10.62	248	40786	3.210	ng	#	1
69) Atrazine	11.03	200	109	Below Cal		#	61
75) Fluoranthene	12.55	202	204851	3.388	ng		95
78) Pyrene	12.78	202	179361	2.575	ng		99
88) Benzo(b)fluoranthene	15.04	252	134869	2.297	ng		98
89) Benzo(k)fluoranthene	15.04	252	134869	2.634	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000295.D
Acq On : 18 Sep 2019 14:24
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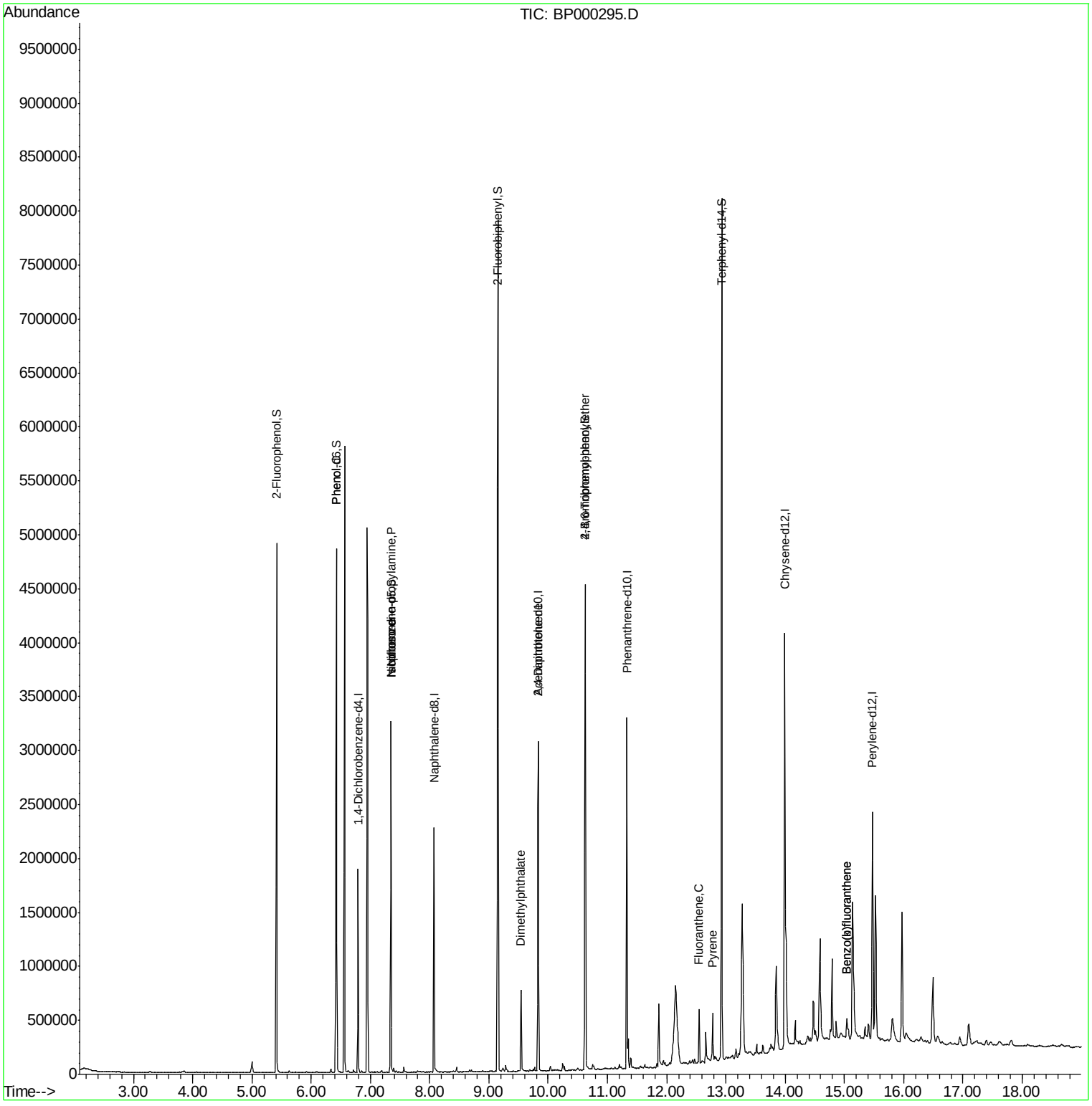
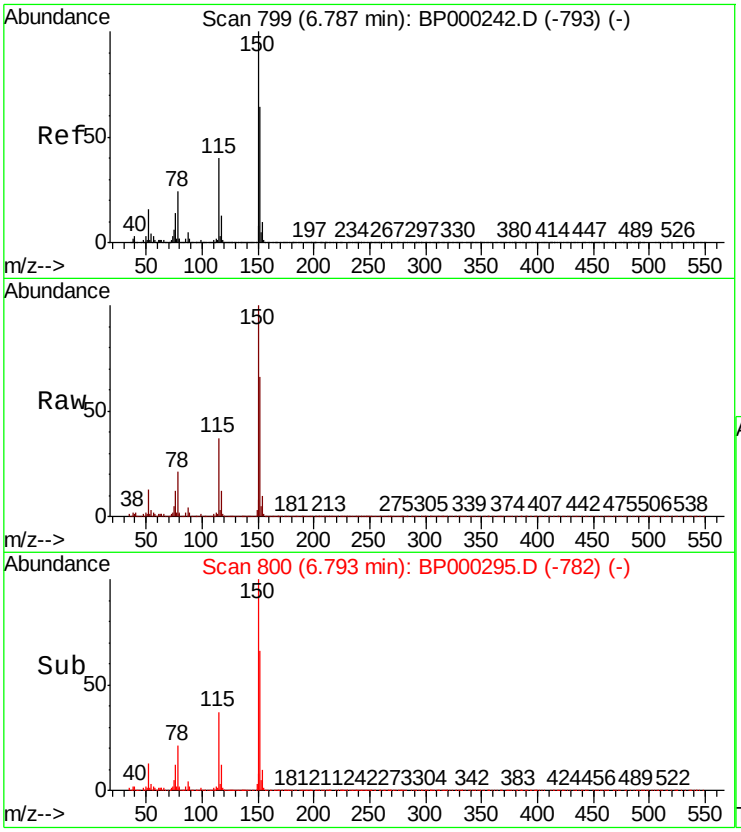
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 19 03:17:35 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



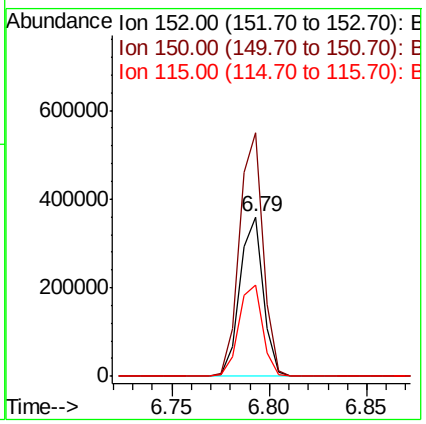


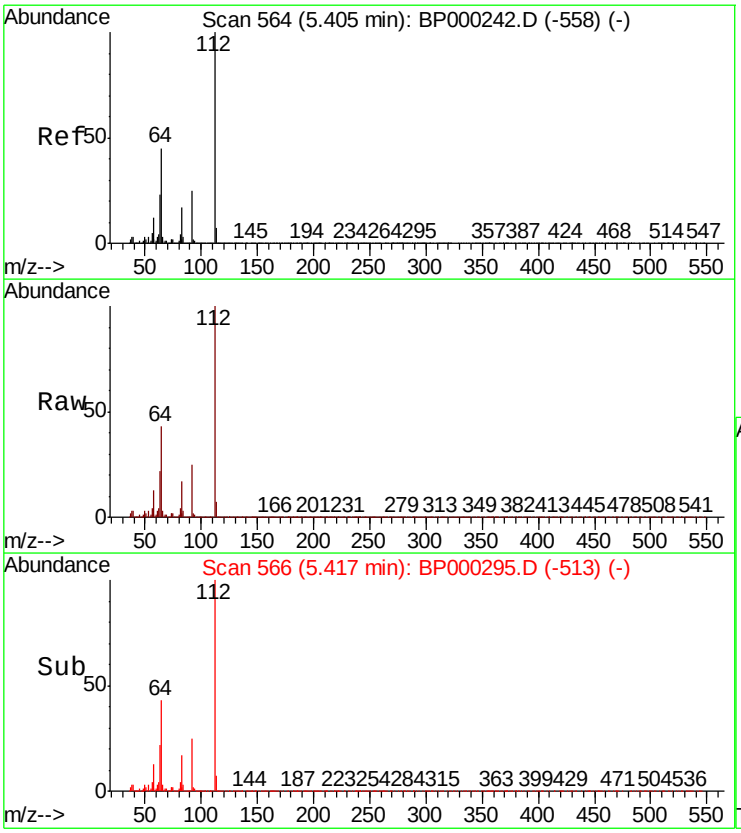
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 296881

Ion	Ratio	Lower	Upper
152	100		
150	152.6	125.2	187.8
115	57.0	49.7	74.5

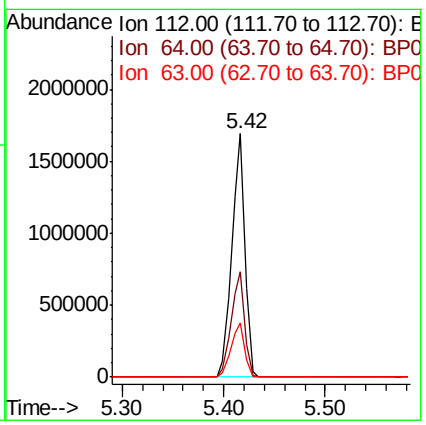


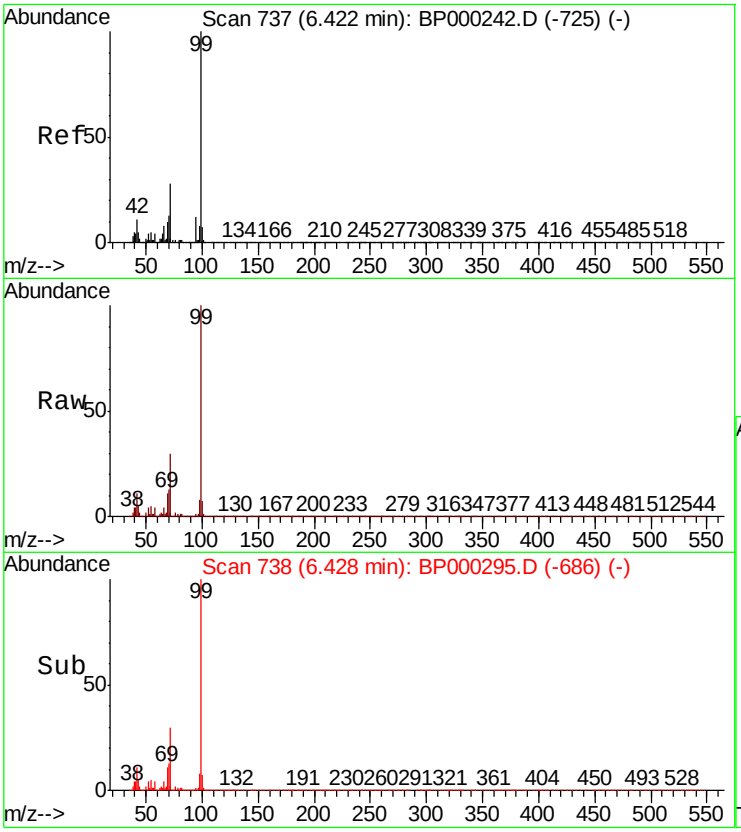


#5
2-Fluorophenol
Concen: 88.226 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Tgt Ion:112 Resp: 1517220

Ion	Ratio	Lower	Upper
112	100		
64	43.3	36.2	54.4
63	22.4	18.3	27.5



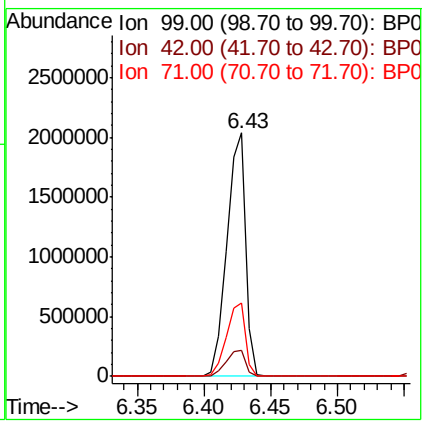


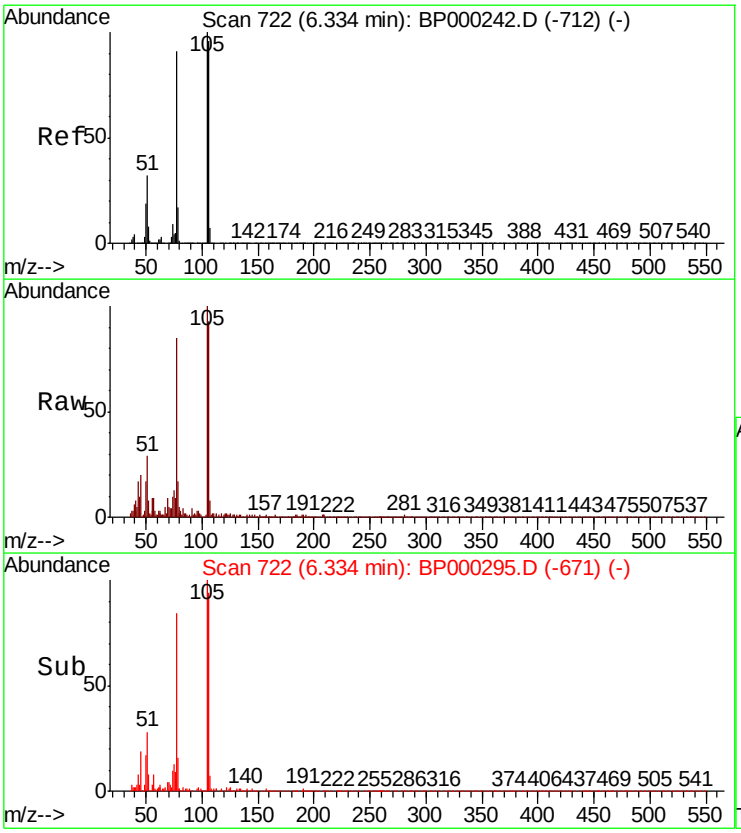
#7
Phenol-d6
Concen: 95.871 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 2020965

Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.5	12.7
71	30.2	22.6	34.0

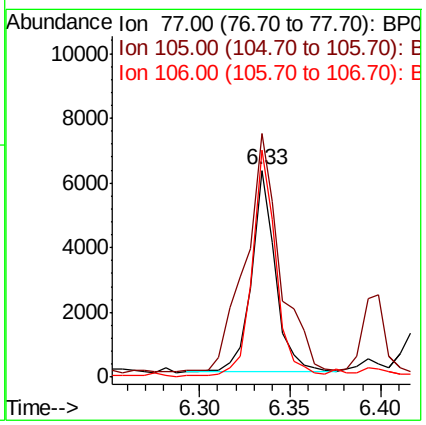


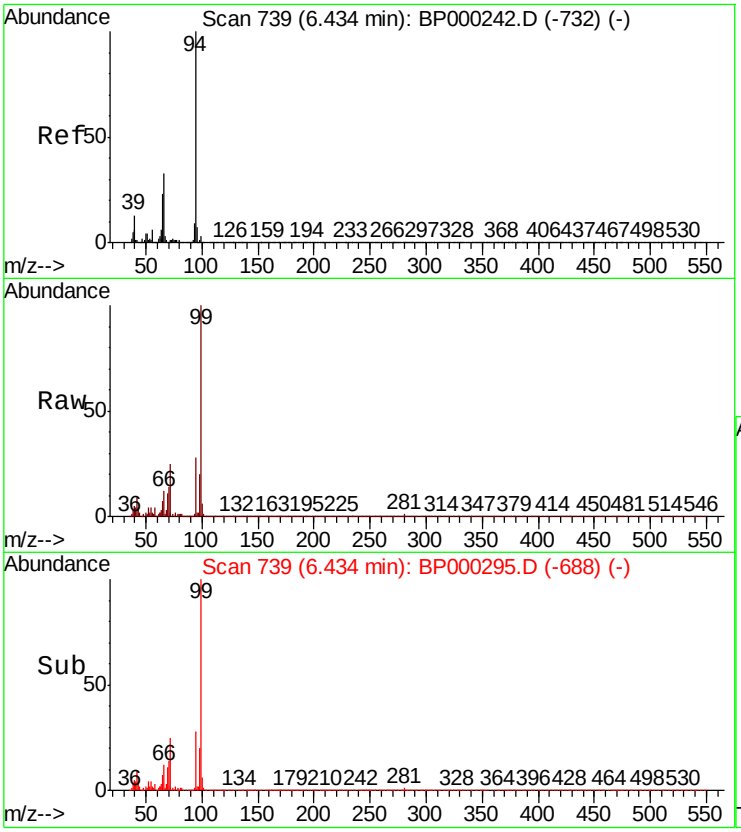


#9
Benzaldehyde
Concen: Below Cal
RT: 6.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Tgt Ion: 77 Resp: 5679

Ion	Ratio	Lower	Upper
77	100		
105	117.6	89.6	129.6
106	109.7	84.6	124.6



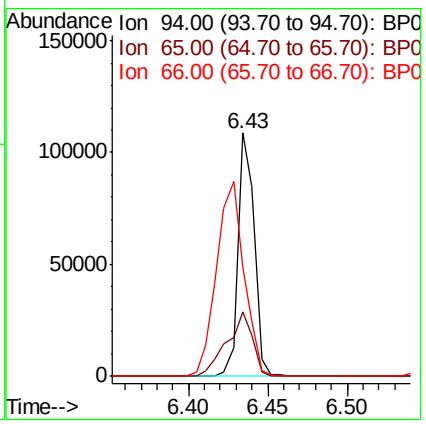


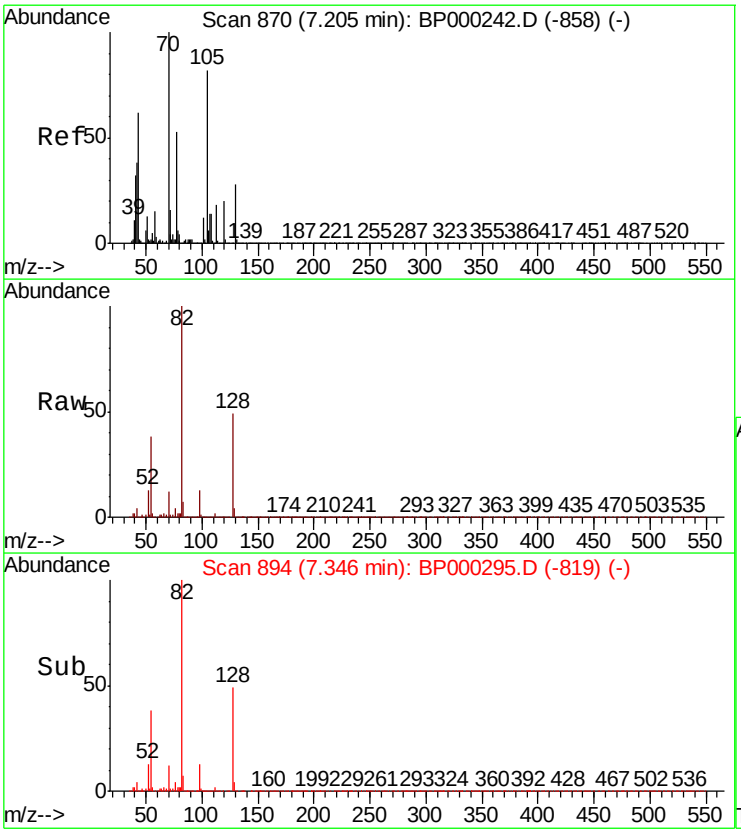
#10
Phenol
Concen: 3.227 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 77298

Ion	Ratio	Lower	Upper
94	100		
65	26.4	3.3	43.3
66	44.7	12.7	52.7

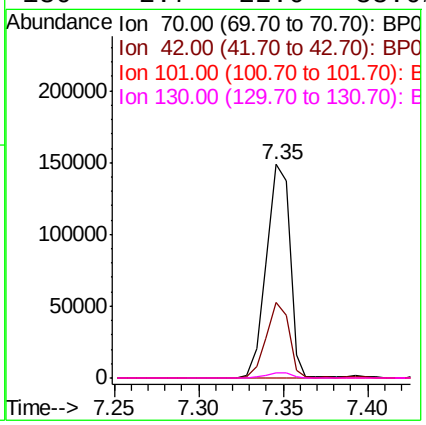


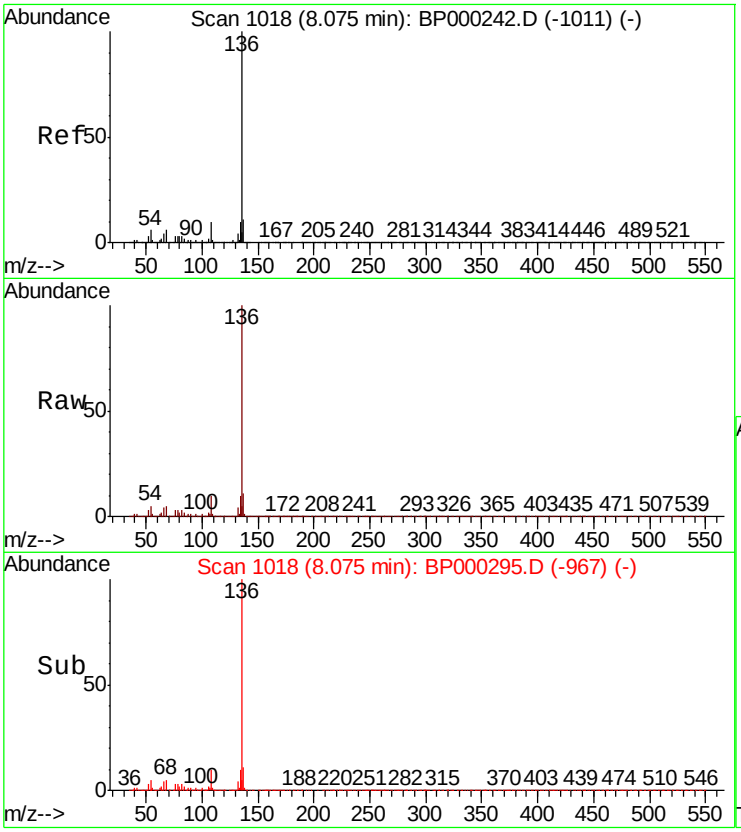


#19
n-Nitroso-di-n-propylamine
Concen: 12.874 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Tgt Ion: 70 Resp: 143484

Ion	Ratio	Lower	Upper
70	100		
42	35.3	30.7	46.1
101	0.0	9.6	14.4#
130	2.7	22.0	33.0#



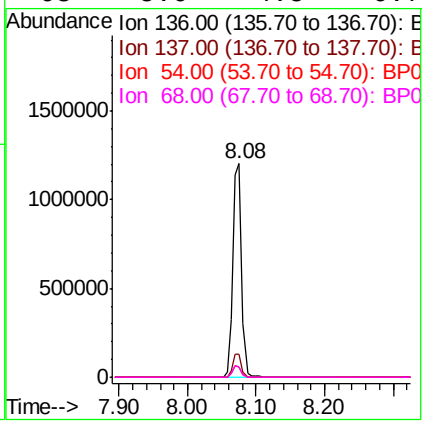


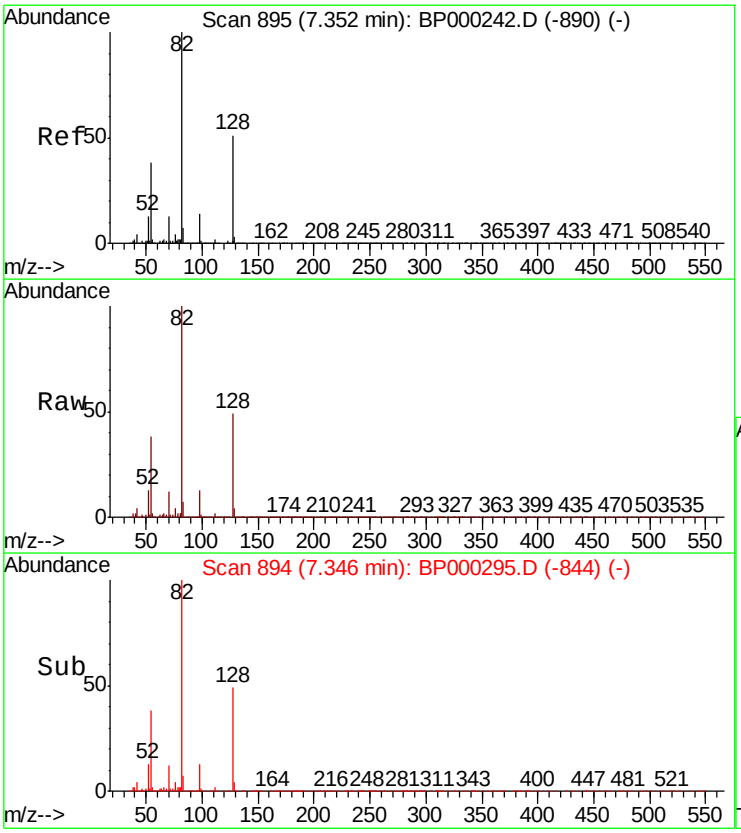
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 1080315

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.9	4.5	6.7
68	5.0	4.5	6.7

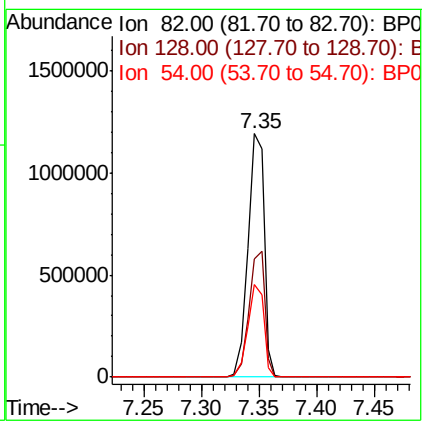


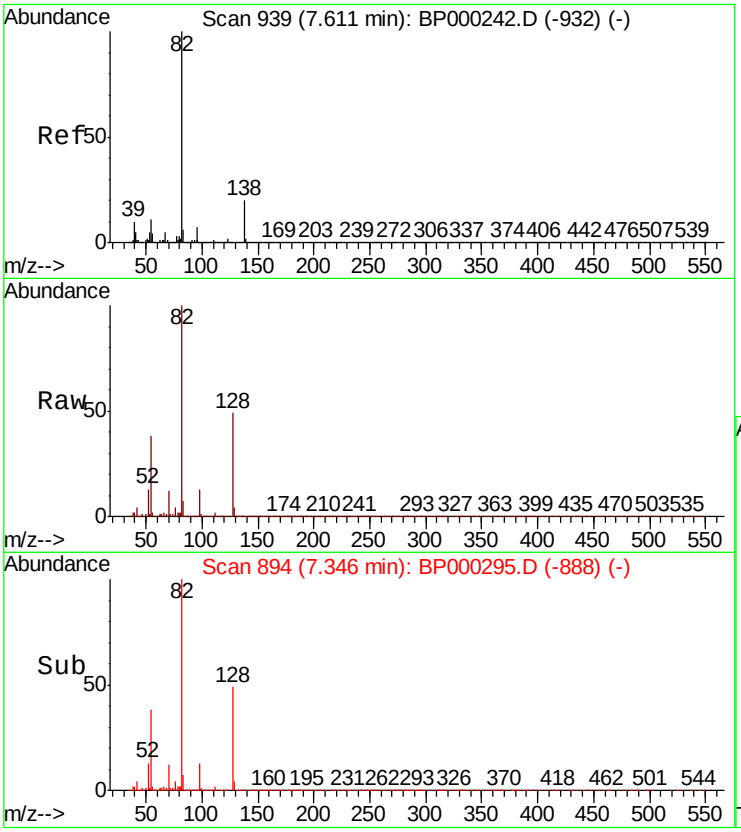


#23
Nitrobenzene-d5
Concen: 69.281 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Tgt Ion: 82 Resp: 1160043

Ion	Ratio	Lower	Upper
82	100		
128	48.8	40.7	61.1
54	38.0	30.1	45.1



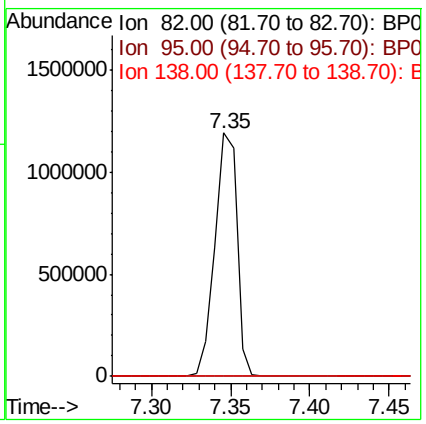


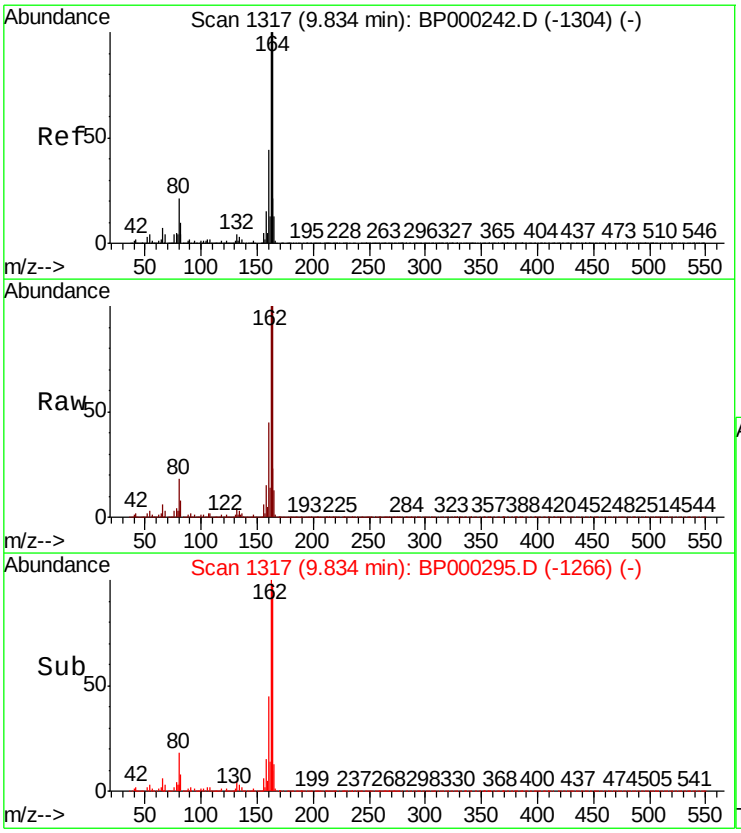
#25
Isophorone
Concen: 34.913 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1157548

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

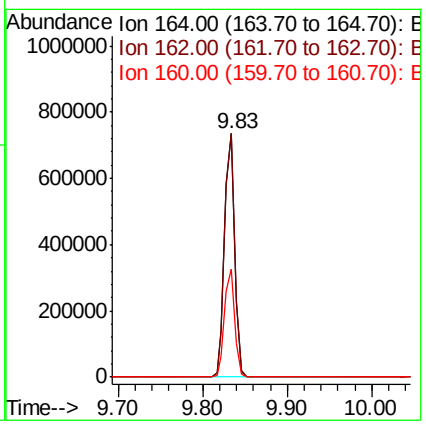


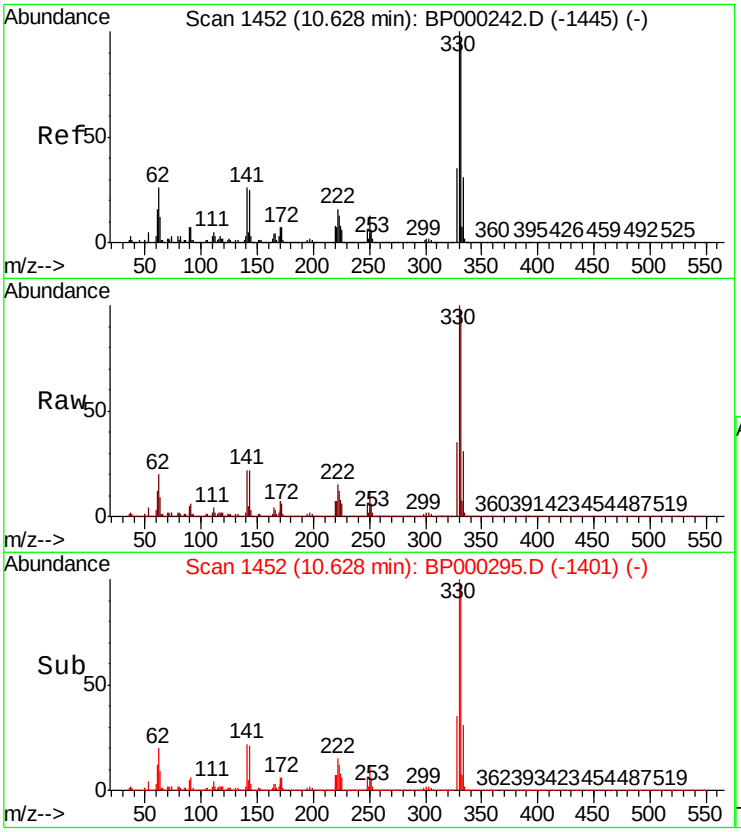


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Tgt Ion:164 Resp: 605680

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.9	119.9
160	44.6	35.6	53.4



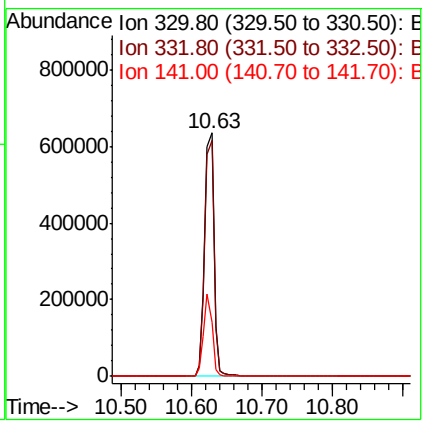


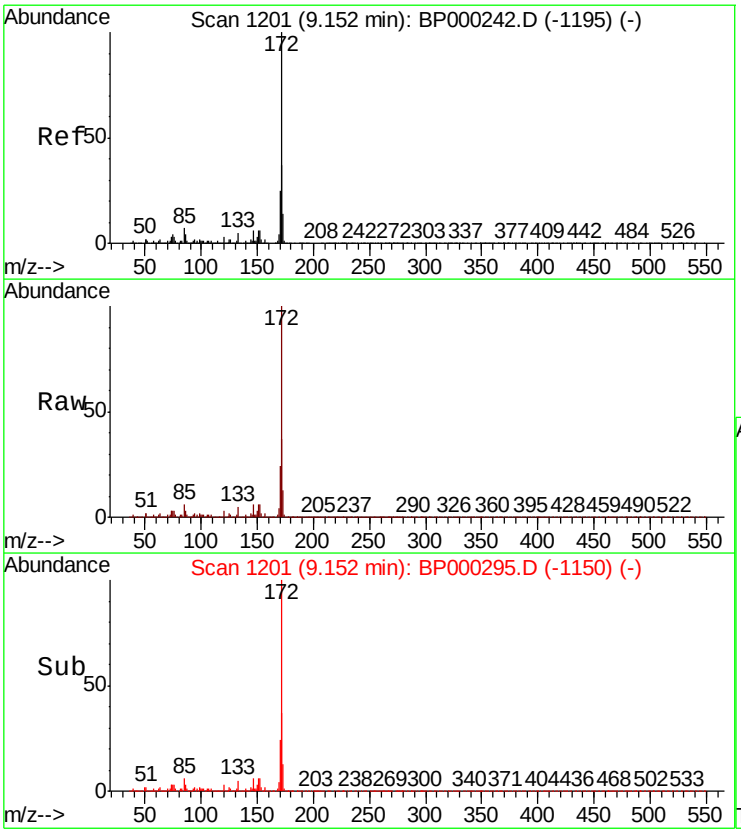
#42
2,4,6-Tribromophenol
Concen: 97.686 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 586850

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	30.8	26.5	39.7

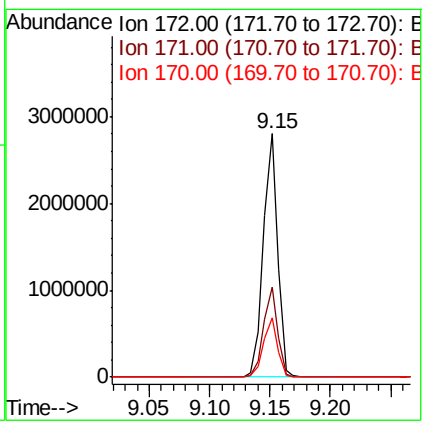


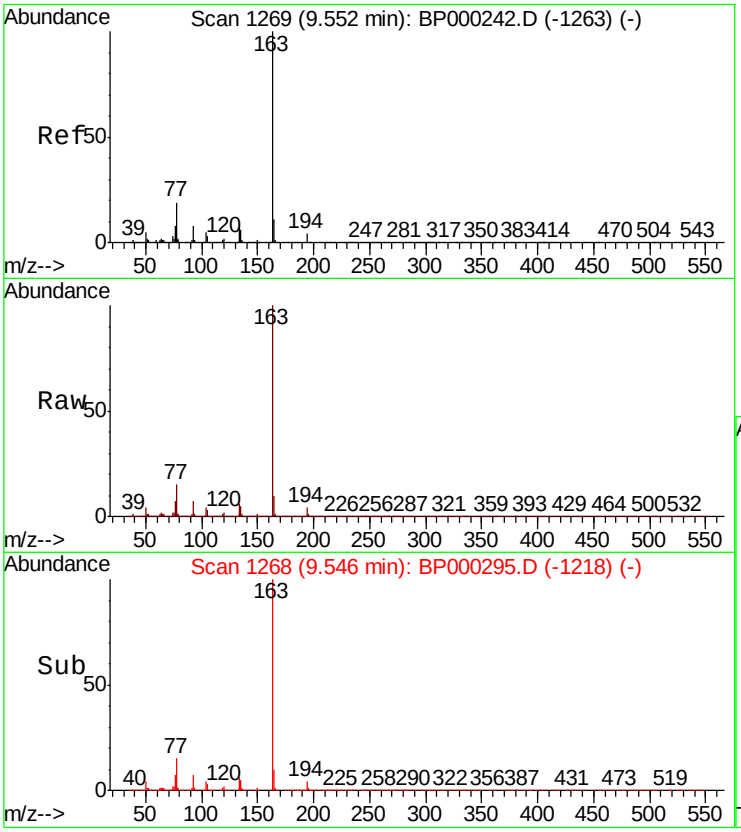


#45
2-Fluorobiphenyl
Concen: 69.438 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Tgt Ion:172 Resp: 2336753

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	24.3	19.8	29.6



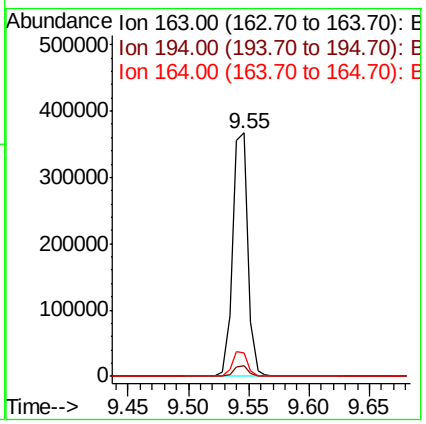


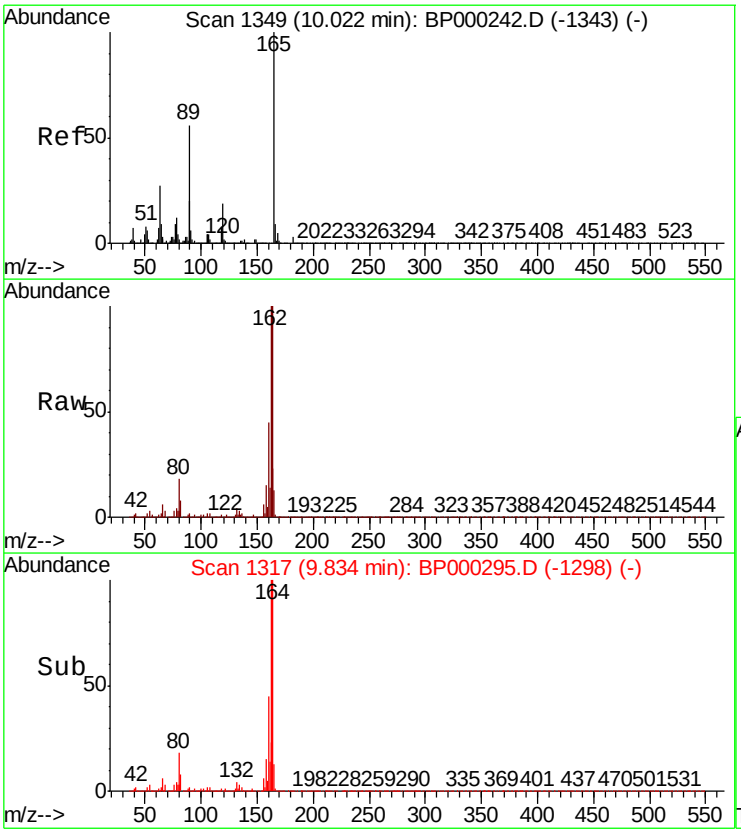
#50
Dimethylphthalate
Concen: 7.843 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 323657

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	9.9	8.5	12.7

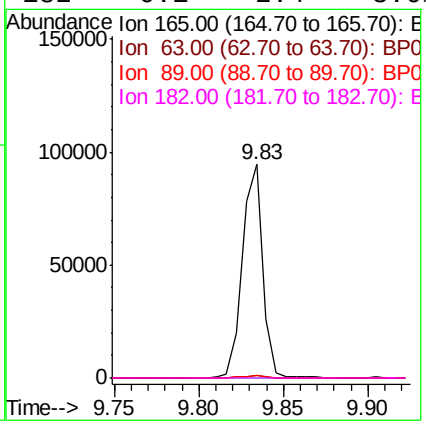


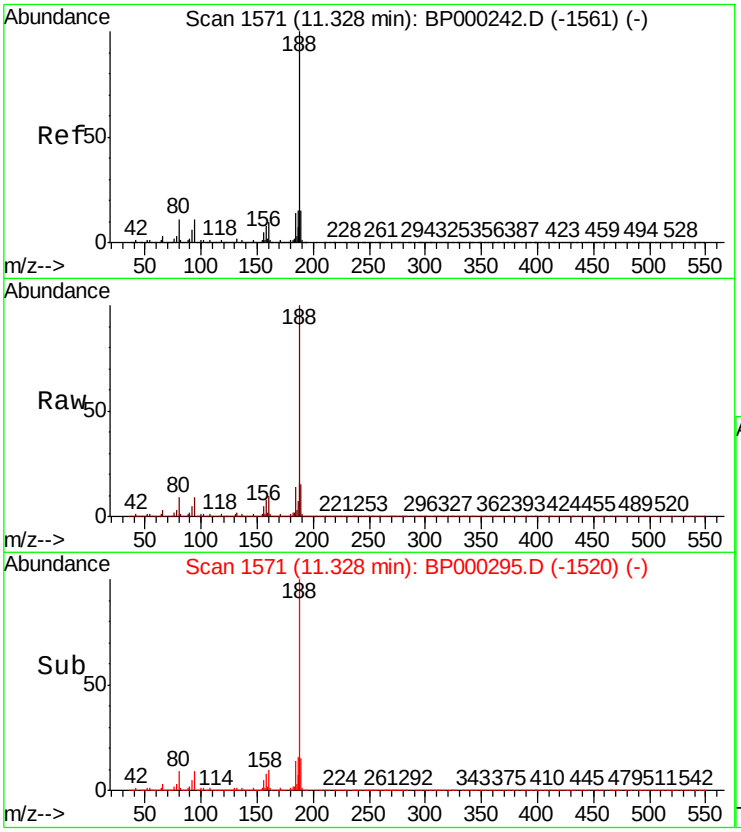


#57
2,4-Dinitrotoluene
Concen: 6.648 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Tgt Ion:165 Resp: 78860

Ion	Ratio	Lower	Upper
165	100		
63	0.9	21.7	32.5#
89	1.4	45.0	67.6#
182	0.1	2.4	3.6#



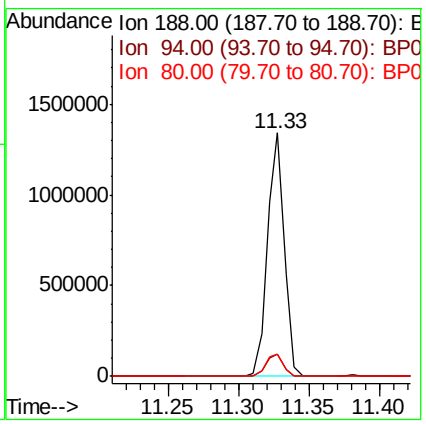


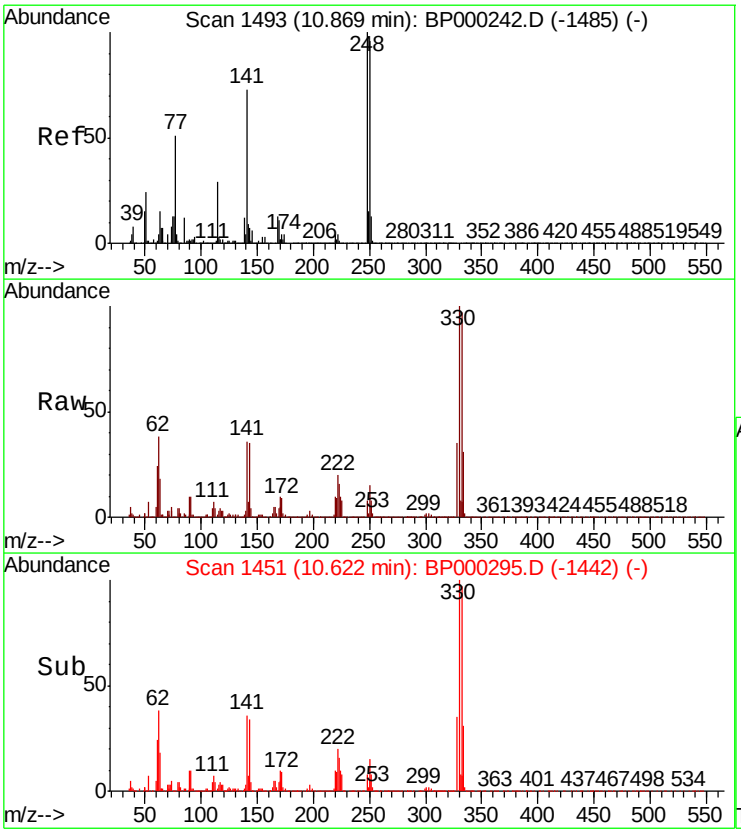
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1123656

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.2	8.6	13.0

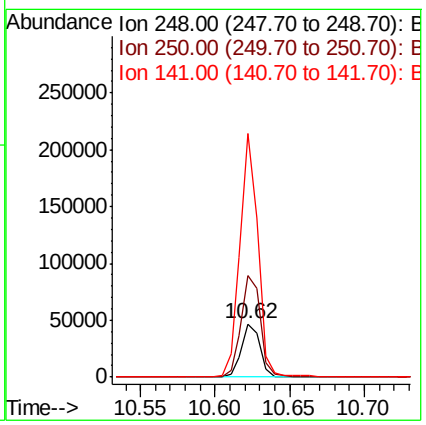


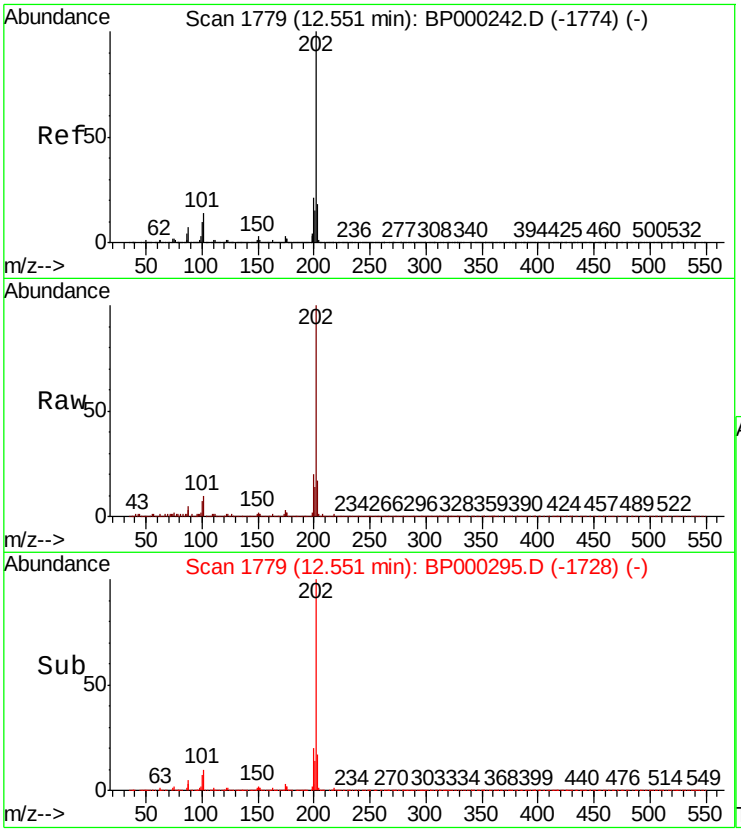


#67
4-Bromophenyl-phenylether
Concen: 3.210 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Tgt Ion:248 Resp: 40786

Ion	Ratio	Lower	Upper
248	100		
250	190.8	77.0	115.4#
141	458.3	58.5	87.7#



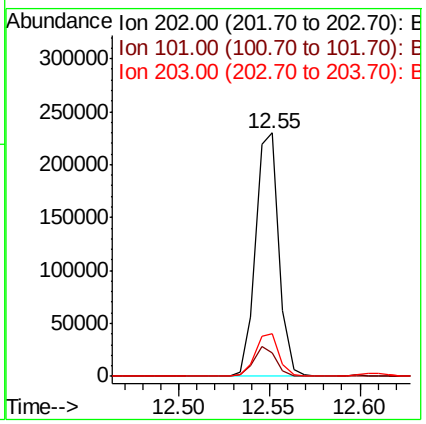


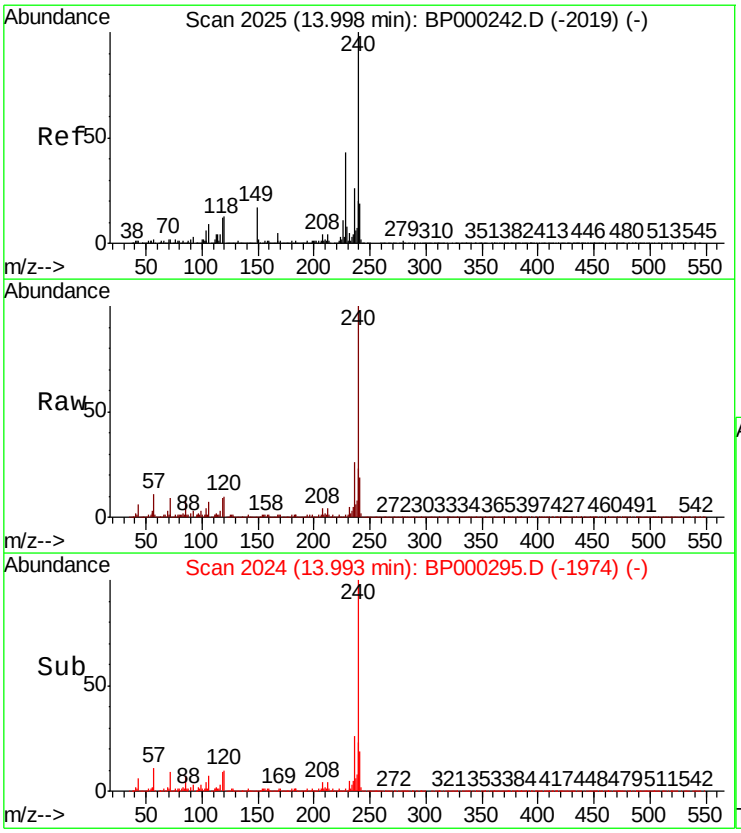
#75
Fluoranthene
Concen: 3.388 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 204851

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	33.9
203	17.5	0.0	38.0

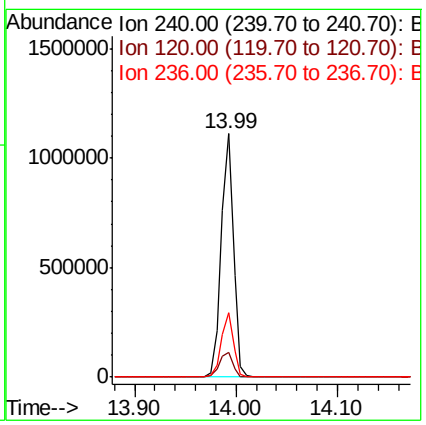


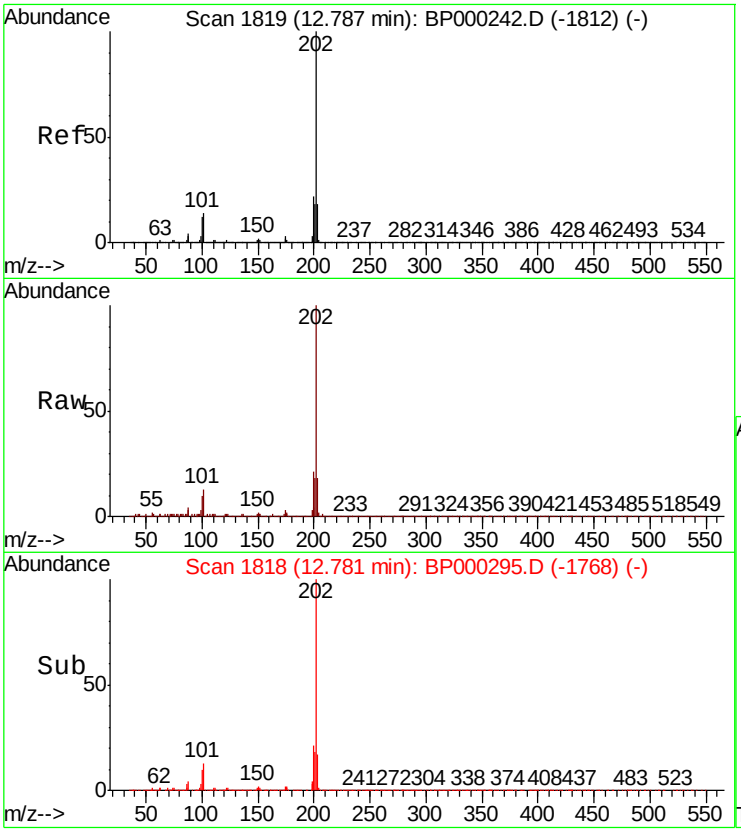


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Tgt Ion:240 Resp: 930957

Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.4	15.6#
236	26.4	21.0	31.6



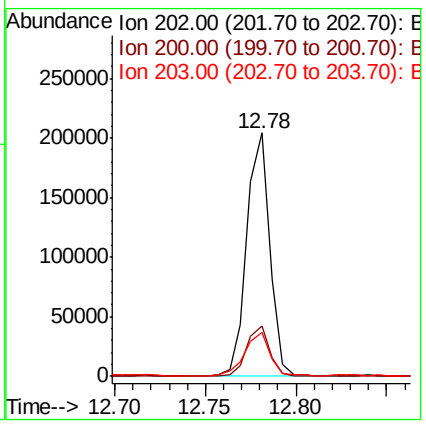


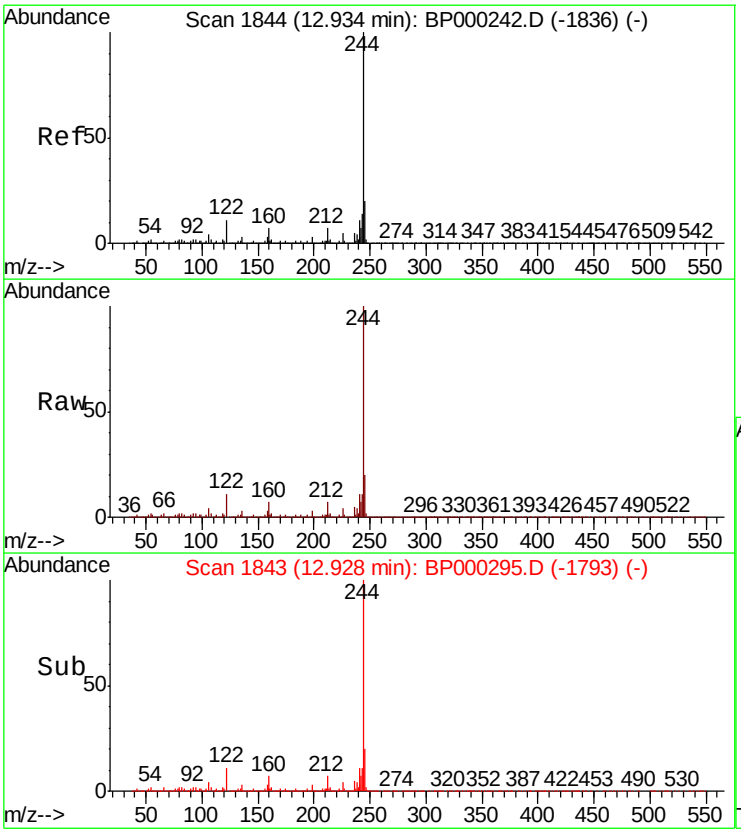
#78
Pyrene
Concen: 2.575 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 179361

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.5	26.3
203	17.8	14.3	21.5

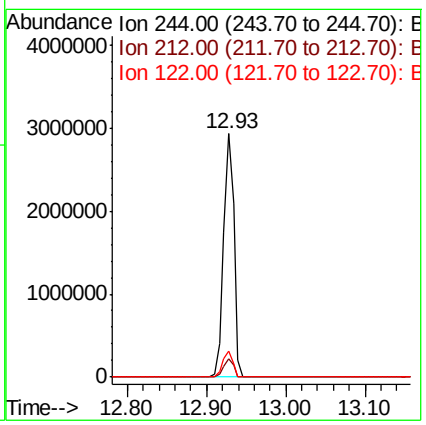


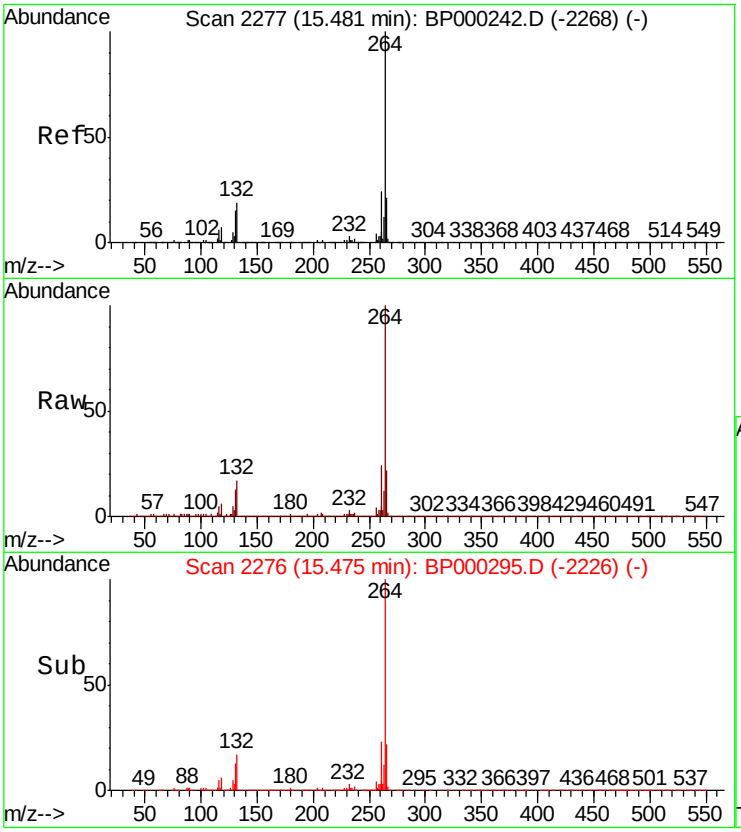


#79
Terphenyl-d14
Concen: 59.346 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Tgt Ion:244 Resp: 2633596

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.8	9.0	13.4



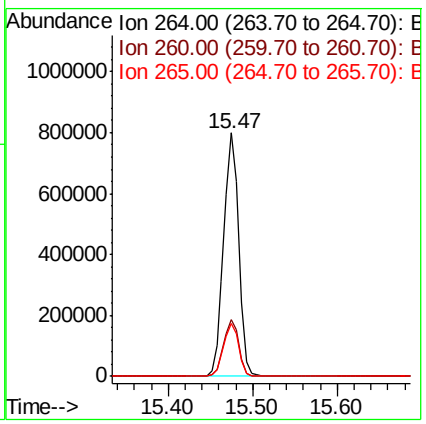


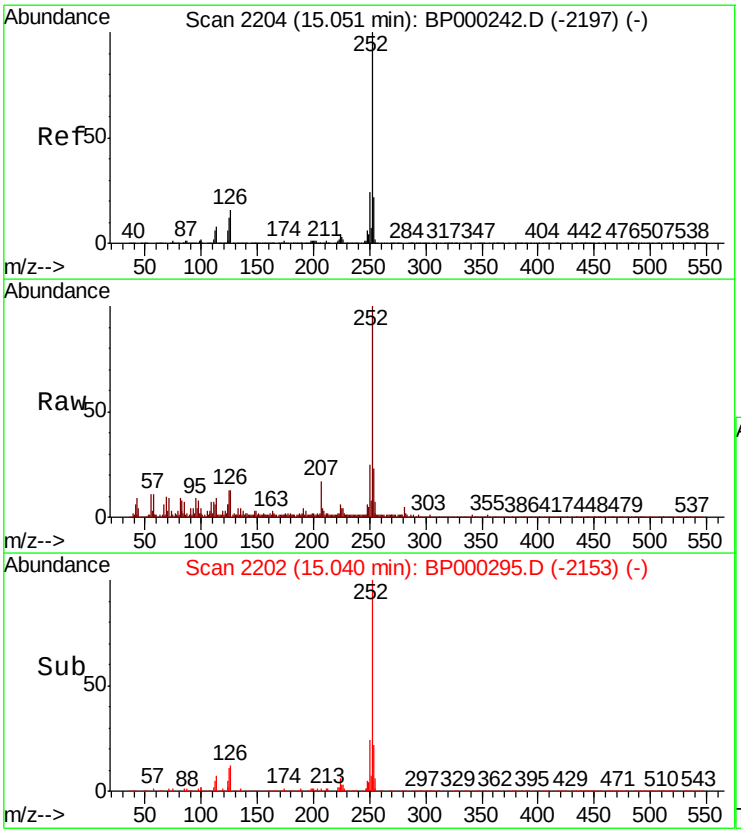
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 984119

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.9	17.2	25.8

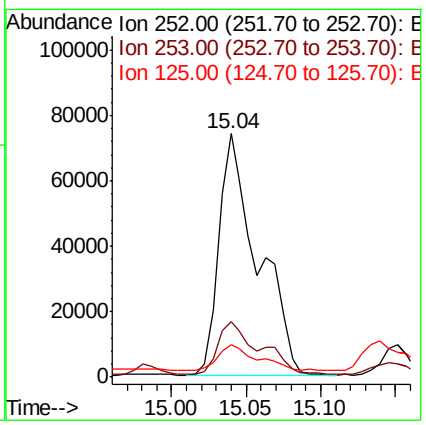


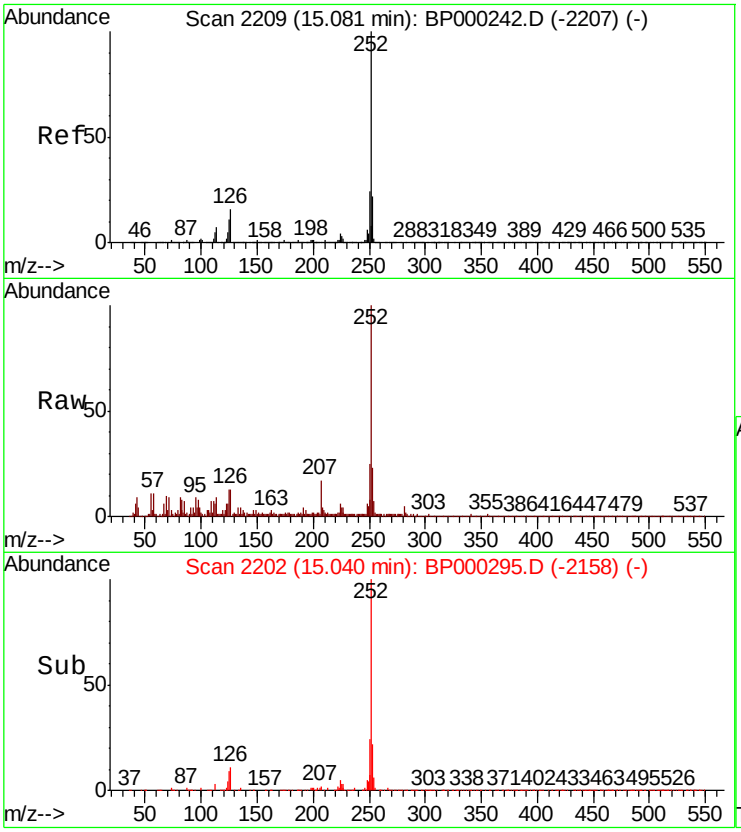


#88
Benzo(b)fluoranthene
Concen: 2.297 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Tgt Ion:252 Resp: 134869

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	13.2	9.5	14.3





#89
Benzo(k)fluoranthene
Concen: 2.634 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 134869

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	13.2	9.6	14.4