Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP092619\
Data File : BP000425.D
Acq On : 26 Sep 2019 16:22
Operator : JU
Sample : K5019-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW30D-GW

Quant Time: Oct 08 13:03:32 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	264658	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	576522	20.00	ng		0.01
39) Acenaphthene-d10	9.83	164	547619	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	969354	20.00	ng		0.00
76) Chrysene-d12	14.00	240	898143	20.00	ng		0.00
87) Perylene-d12	15.49	264	974065	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	888988	57.99	ng		0.02
7) Phenol-d6	6.43	99	907718	48.30	ng		0.00
23) Nitrobenzene-d5	7.35	82	462675	51.78	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	247119	45.50	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1057909	34.77	ng		0.00
79) Terphenyl-d14	12.93	244	1639273	38.29	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.44	94	238416	11.167	ng		98
20) 3+4-Methylphenols	7.20	107	76265	4.461	ng	#	69
31) Naphthalene	8.15	128	25070449	938.941	ng	#	91
37) 2-Methylnaphthalene	8.80	142	3981955	218.157	ng		96
38) 1-Methylnaphthalene	8.90	142	3659759	214.045	ng		99
46) 1,1'-Biphenyl	9.25	154	1148422	30.315	ng		98
50) Dimethylphthalate	9.55	163	622915	16.696	ng		99
52) Acenaphthene	9.87	154	2084323	69.143	ng		99
55) Dibenzofuran	10.05	168	2407648	56.498	ng		99
58) Fluorene	10.39	166	1025483	31.155	ng		99
71) Phenanthrene	11.36	178	1298825	26.738	ng		100
73) Carbazole	11.56	167	876499	19.465	ng		99

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

Quantitation Report (LSC Reviewed)

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Acq On : 26 Sep 2019 16:22
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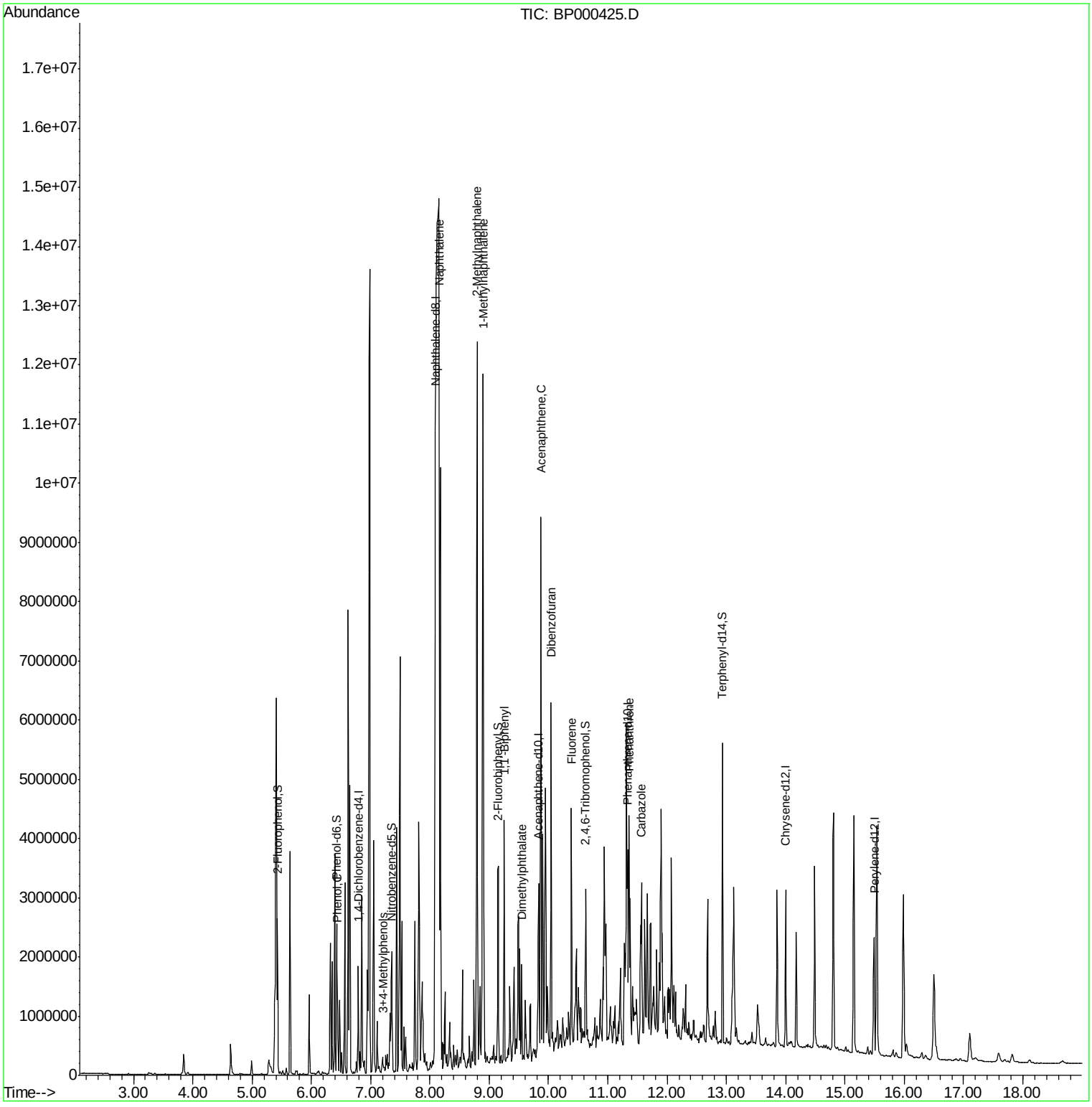
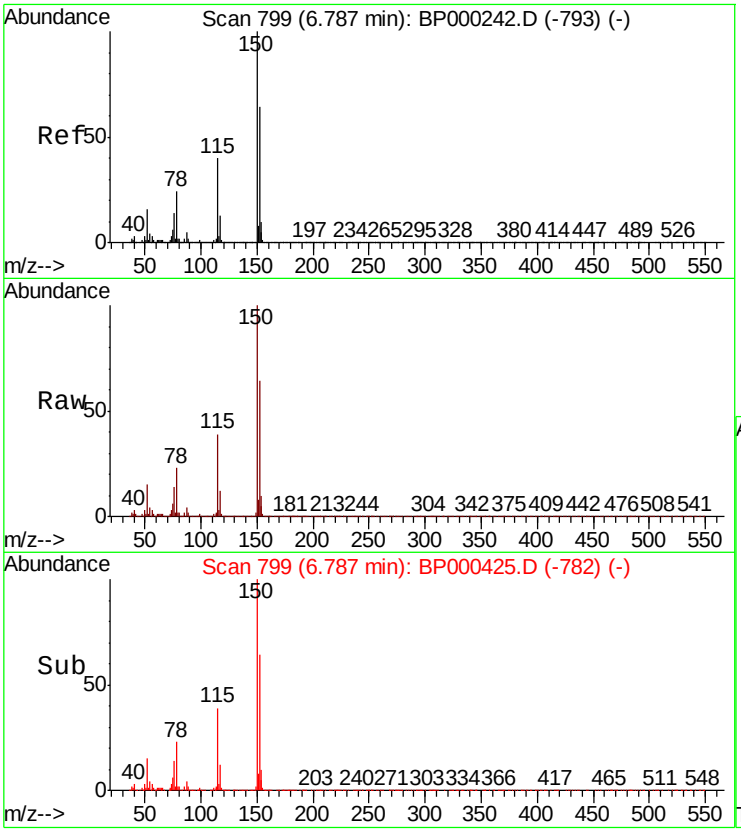
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW30D-GW

Quant Time: Oct 08 13:03:32 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



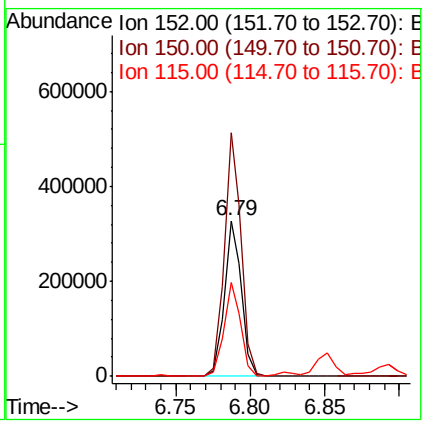


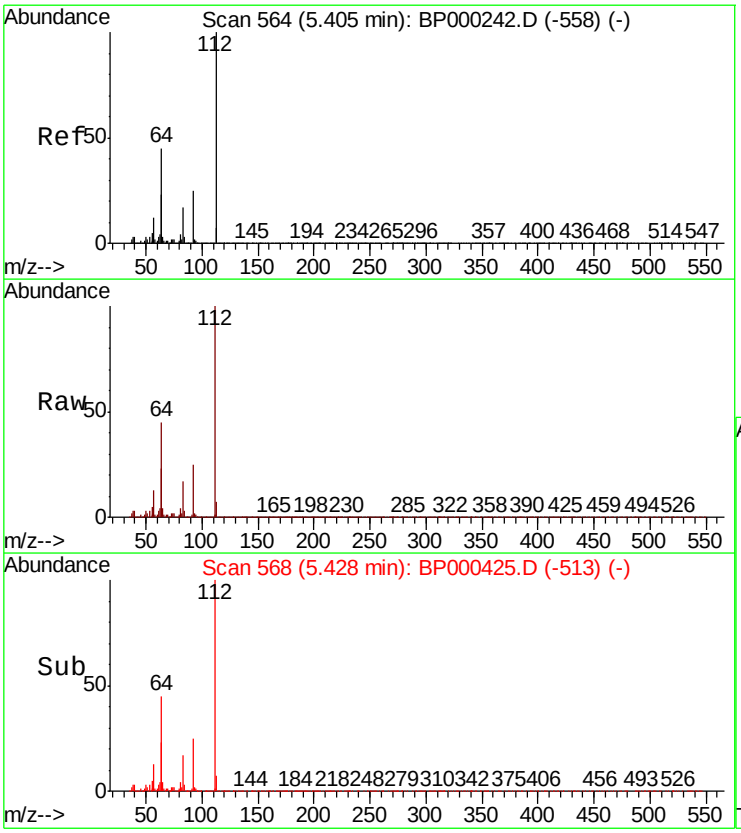
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:152 Resp: 264658

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.2	187.8
115	60.7	49.7	74.5

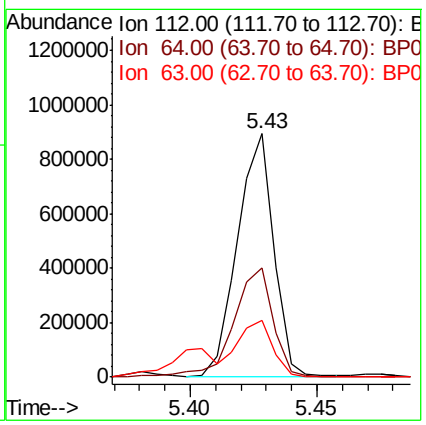


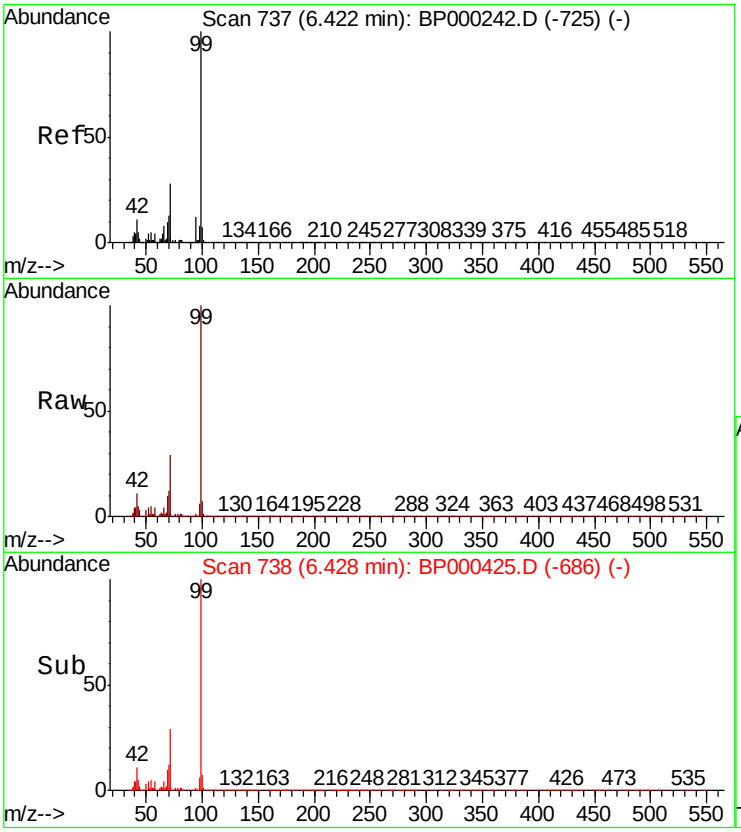


#5
2-Fluorophenol
Concen: 57.988 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Tgt Ion:112 Resp: 888988

Ion	Ratio	Lower	Upper
112	100		
64	44.7	36.2	54.4
63	23.1	18.3	27.5



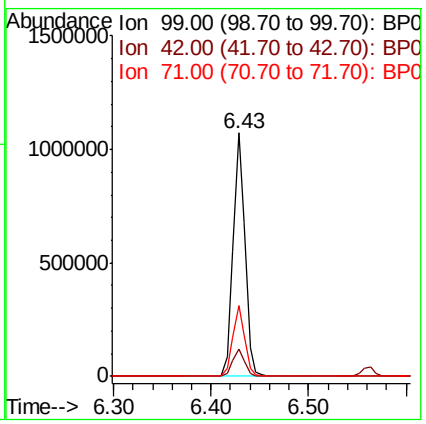


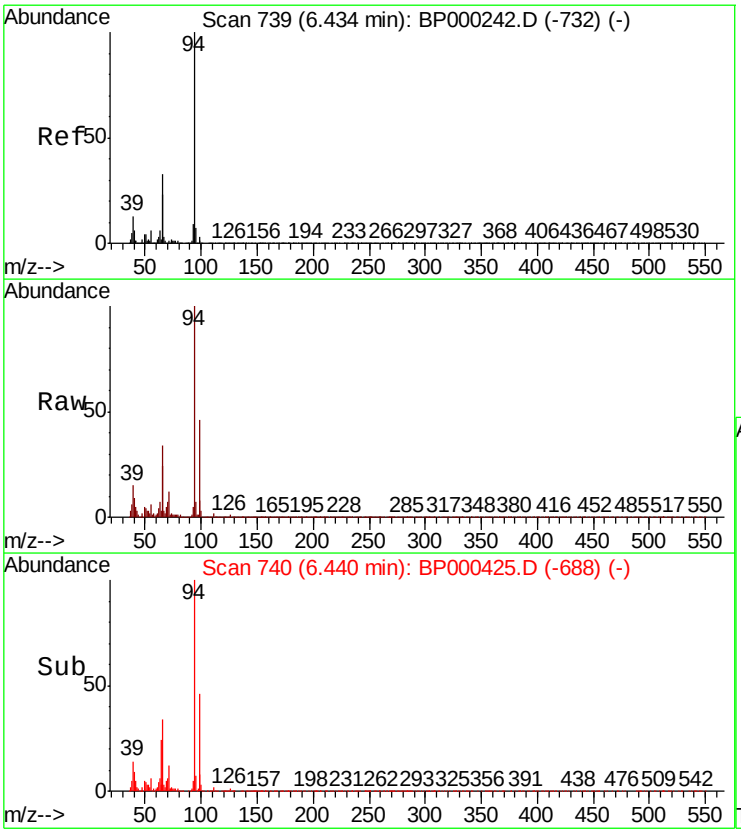
#7
Phenol-d6
Concen: 48.304 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion: 99 Resp: 907718

Ion	Ratio	Lower	Upper
99	100		
42	11.2	8.5	12.7
71	28.8	22.6	34.0

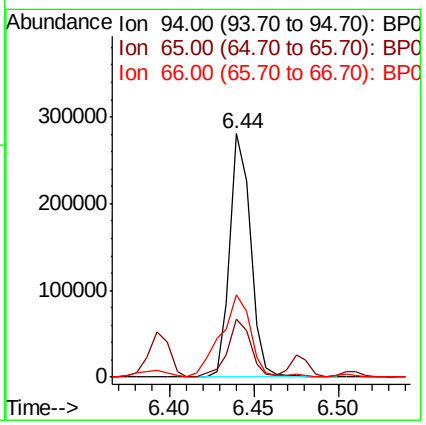


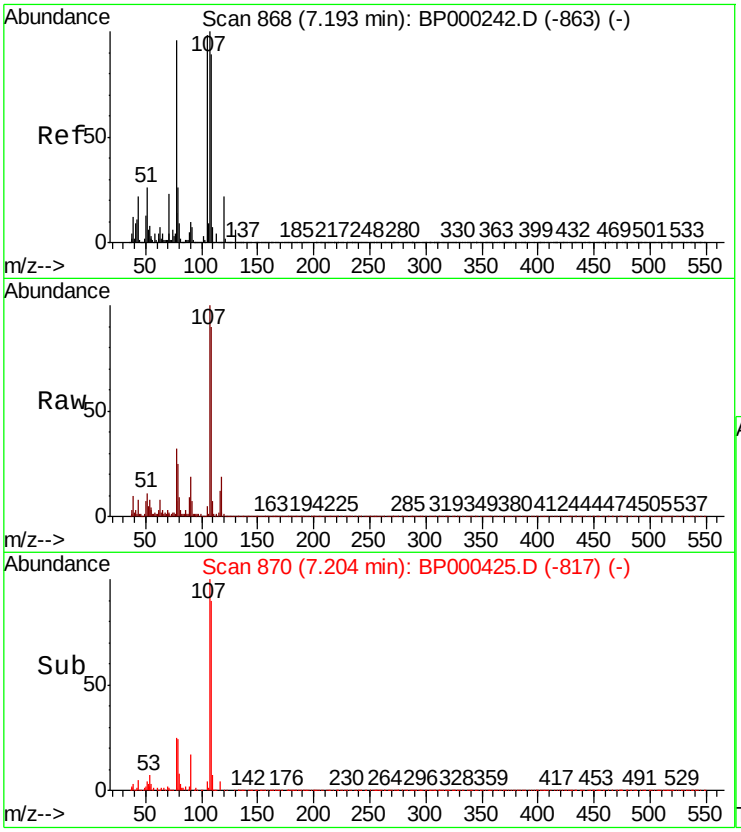


#10
Phenol
Concen: 11.167 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Tgt Ion: 94 Resp: 238416

Ion	Ratio	Lower	Upper
94	100		
65	23.9	3.3	43.3
66	33.7	12.7	52.7



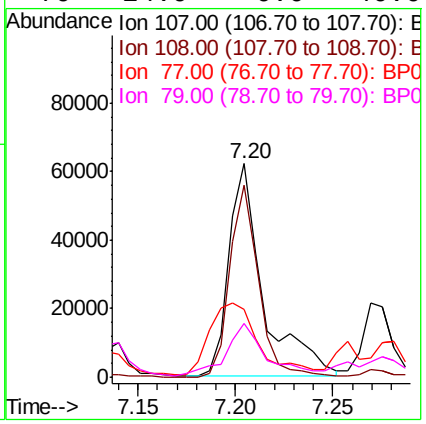


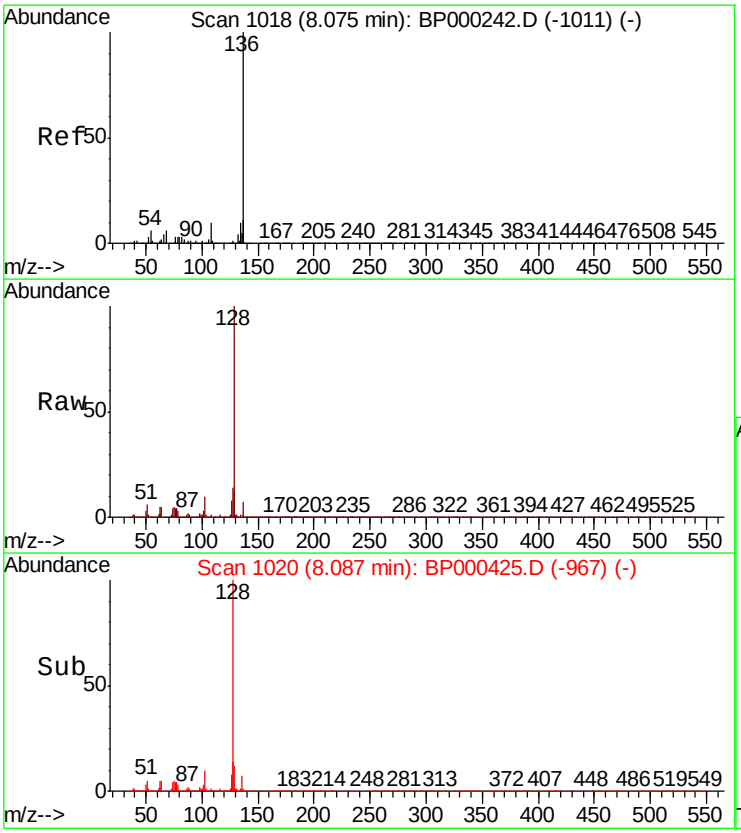
#20
3+4-Methylphenols
Concen: 4.461 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:107 Resp: 76265

Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.8	108.8
77	31.7	75.7	115.7#
79	24.9	6.0	46.0

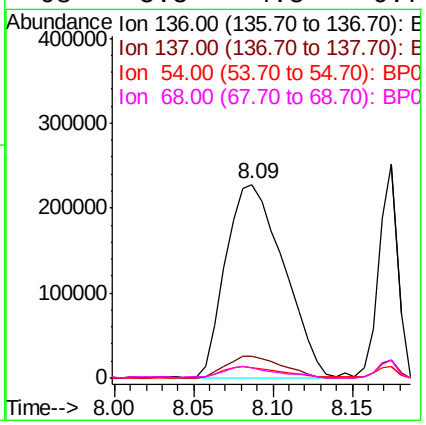


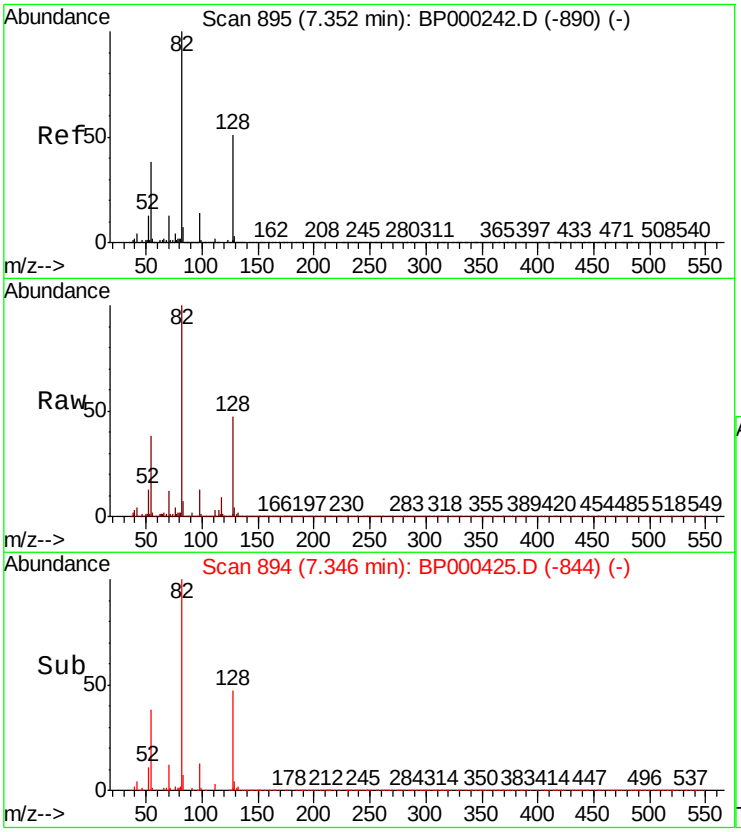


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Tgt Ion:136 Resp: 576522

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.2	4.5	6.7
68	5.5	4.5	6.7



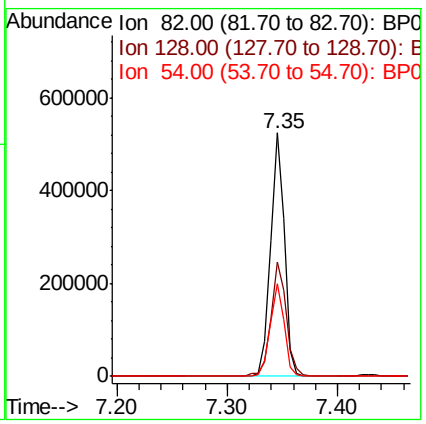


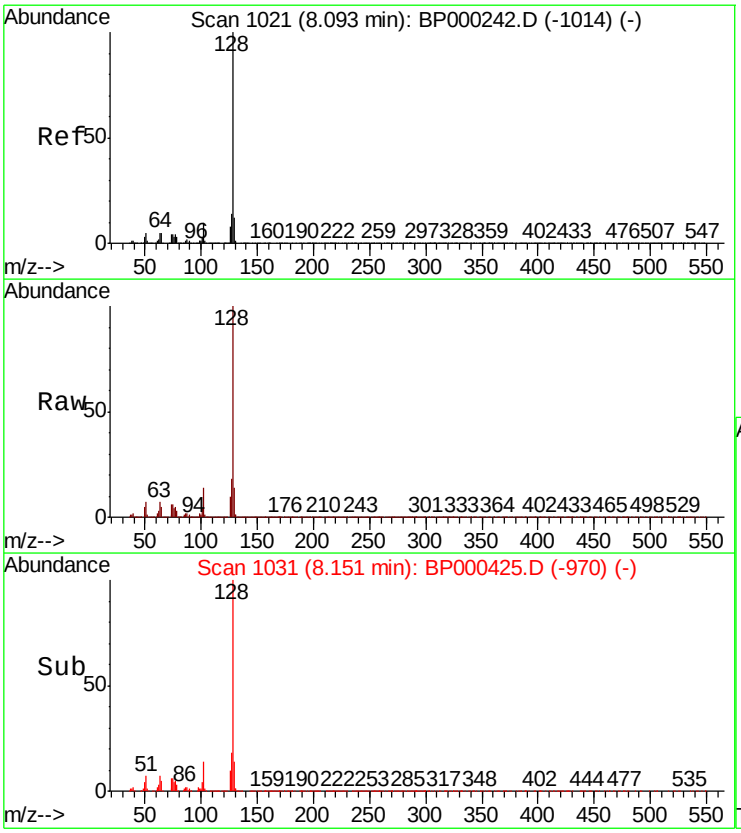
#23
Nitrobenzene-d5
Concen: 51.779 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion: 82 Resp: 462675

Ion	Ratio	Lower	Upper
82	100		
128	47.1	40.7	61.1
54	38.1	30.1	45.1

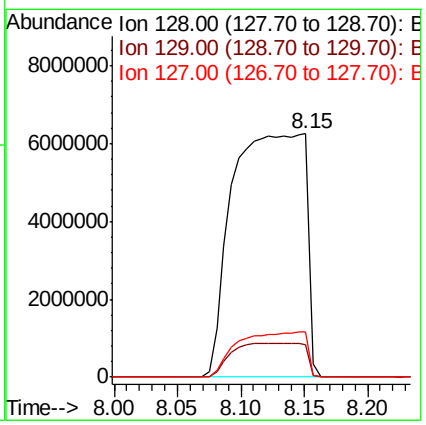


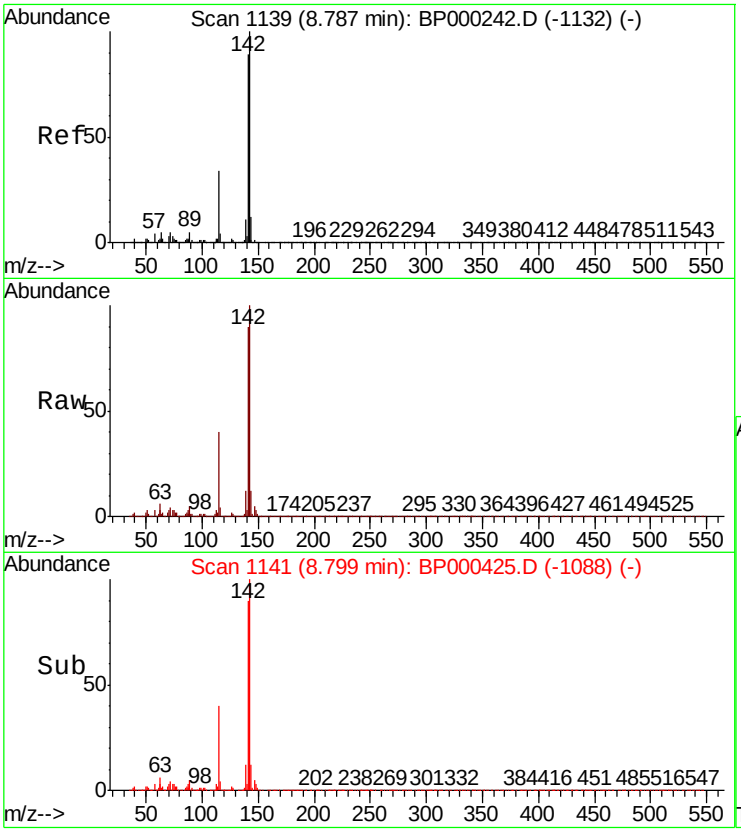


#31
Naphthalene
Concen: 938.941 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.06 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Tgt Ion:128 Resp:25070449

Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.2	13.8
127	18.4	11.0	16.6#



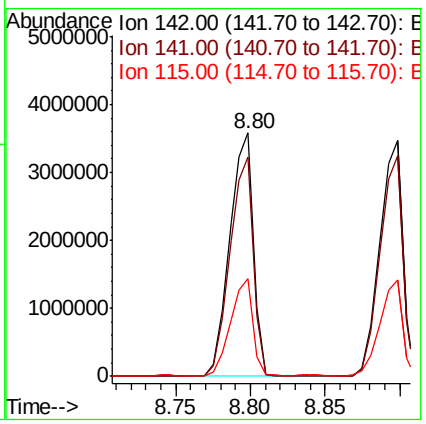


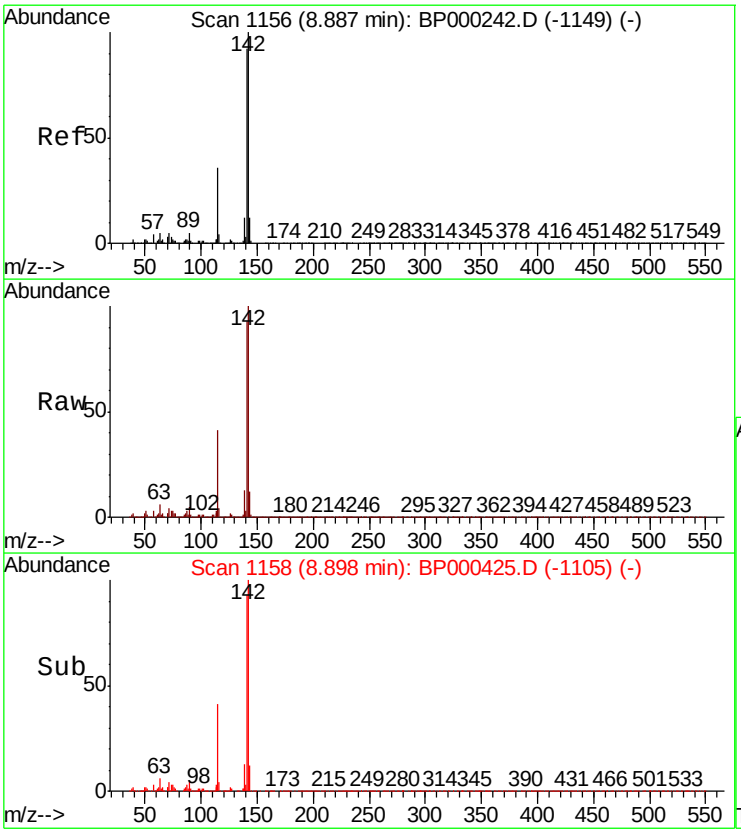
#37
2-Methylnaphthalene
Concen: 218.157 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:142 Resp: 3981955

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.3	106.9
115	39.9	27.2	40.8

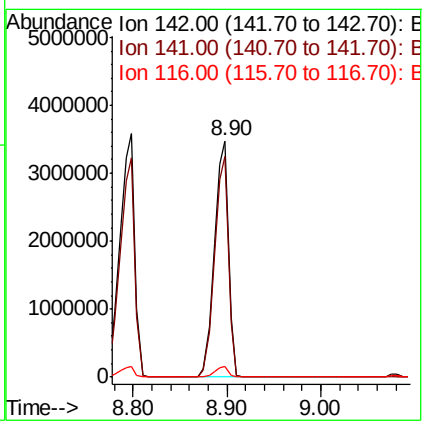


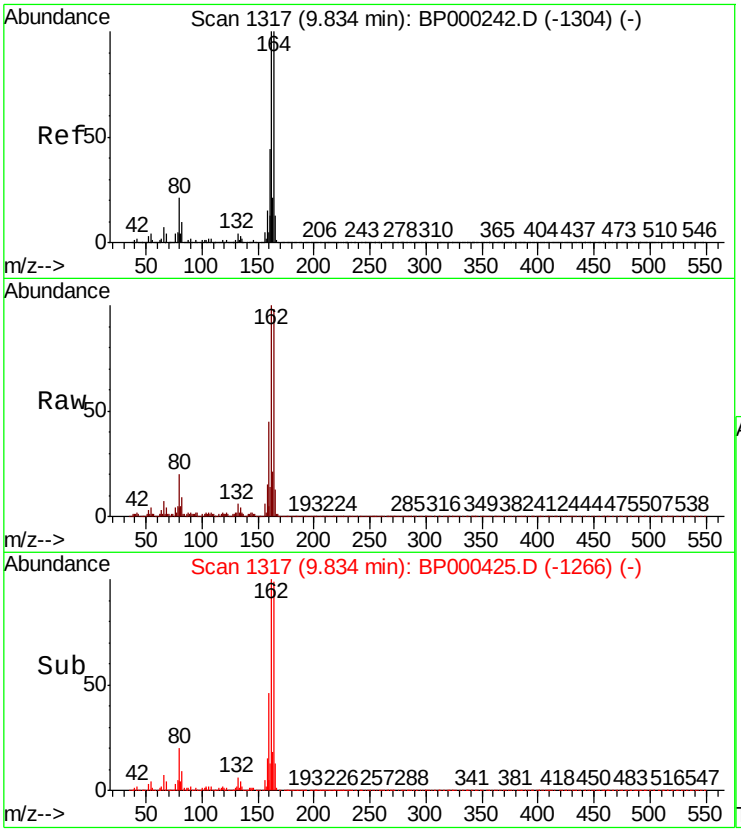


#38
1-Methylnaphthalene
Concen: 214.045 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Tgt Ion:142 Resp: 3659759

Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.9	110.9
116	4.3	3.0	4.6



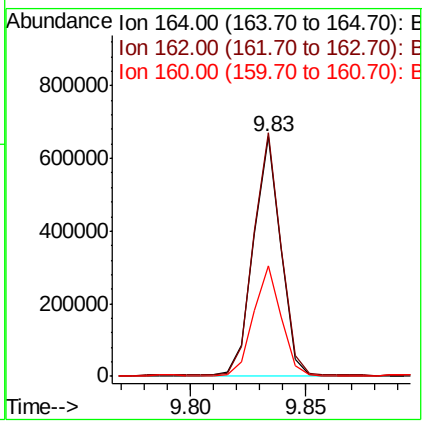


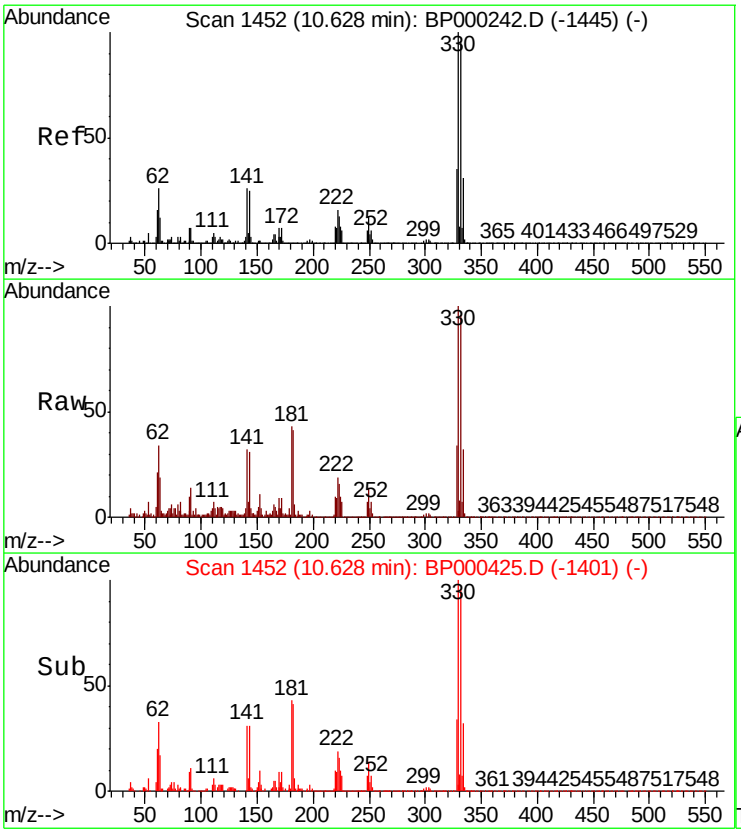
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:164 Resp: 547619

Ion	Ratio	Lower	Upper
164	100		
162	101.6	79.9	119.9
160	46.2	35.6	53.4

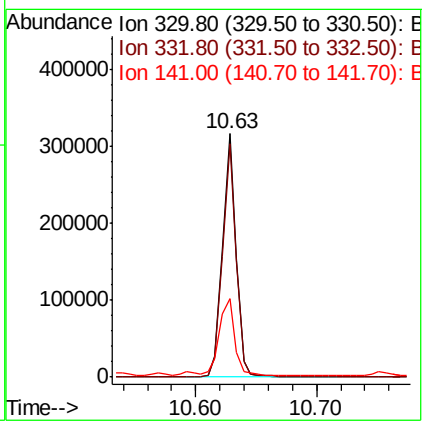


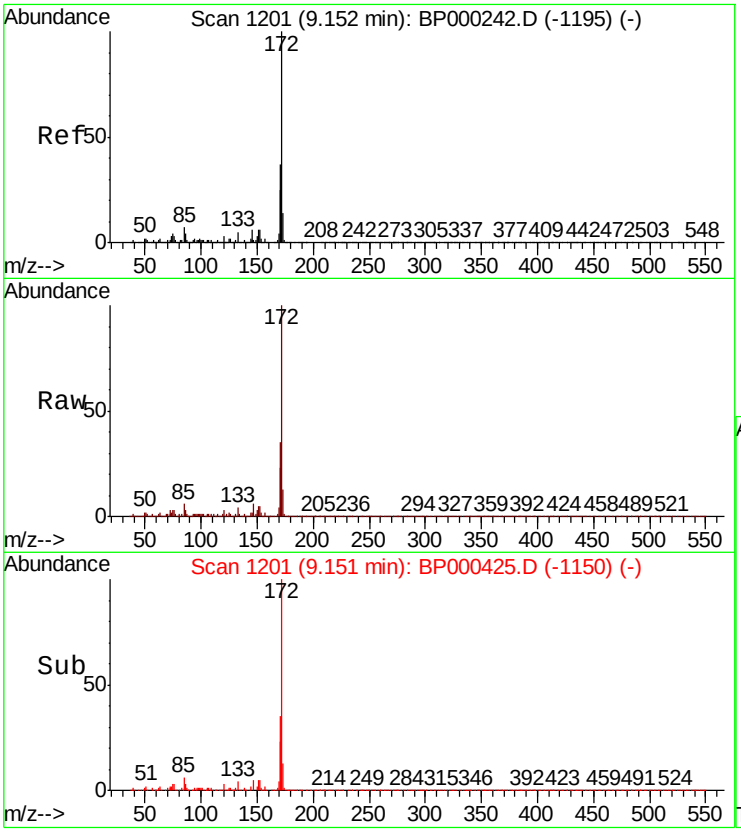


#42
2,4,6-Tribromophenol
Concen: 45.496 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Tgt Ion:330 Resp: 247119

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	35.0	26.5	39.7



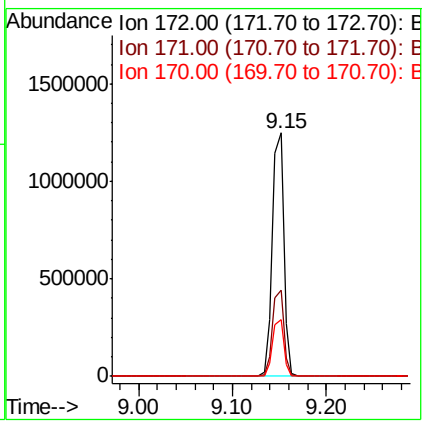


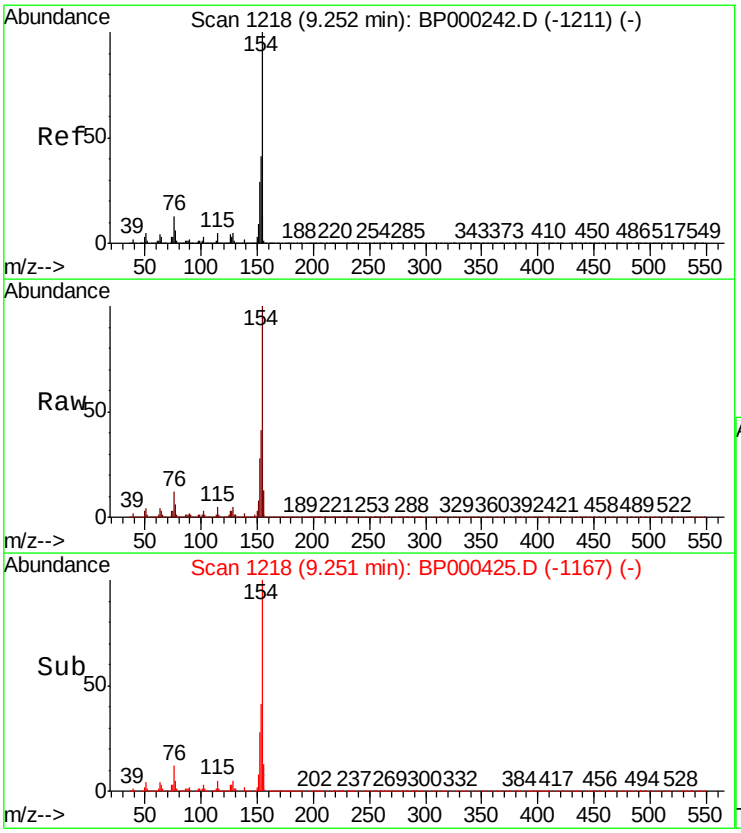
#45
2-Fluorobiphenyl
Concen: 34.769 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:172 Resp: 1057909

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.8	44.6
170	23.2	19.8	29.6

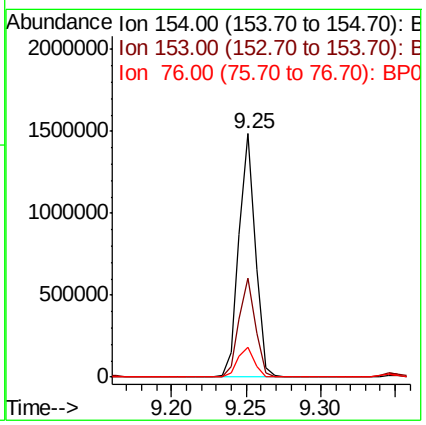


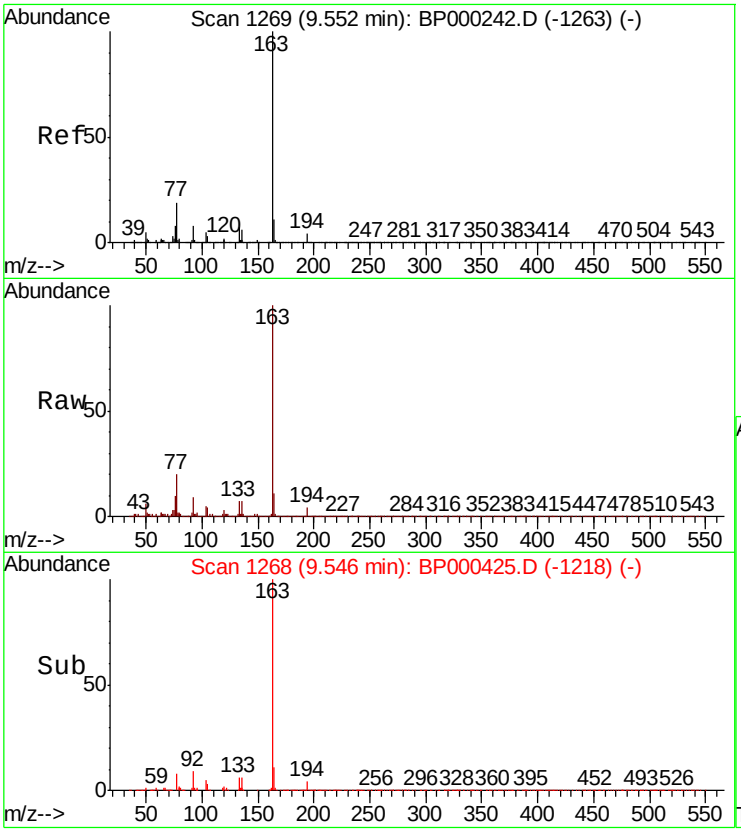


#46
1,1'-Biphenyl
Concen: 30.315 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Tgt Ion:154 Resp: 1148422

Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.4	61.4
76	12.1	0.0	33.4



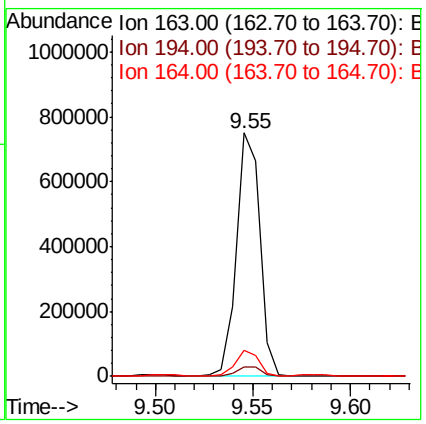


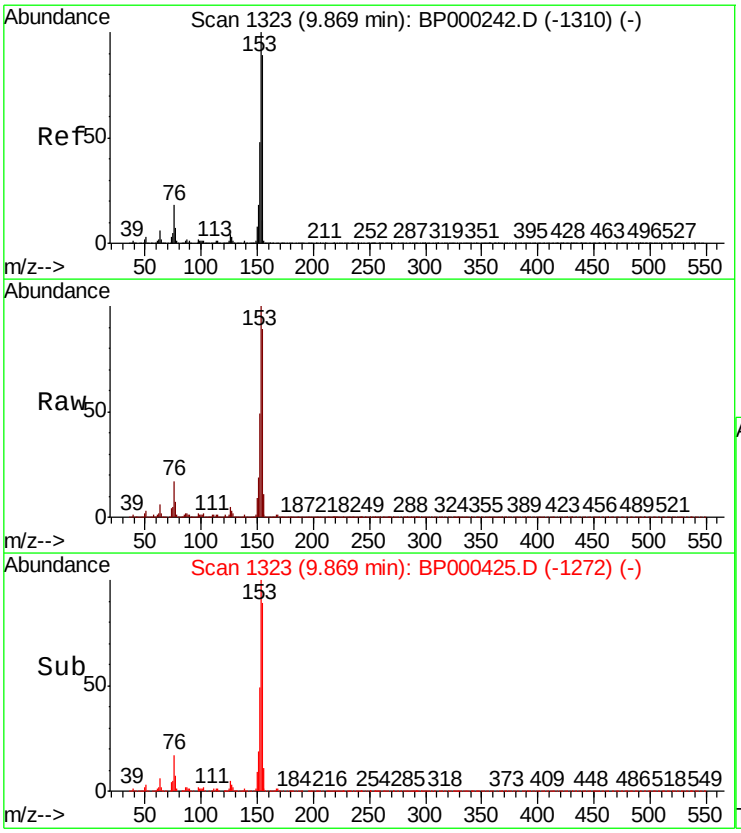
#50
Dimethylphthalate
Concen: 16.696 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:163 Resp: 622915

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.9	8.5	12.7

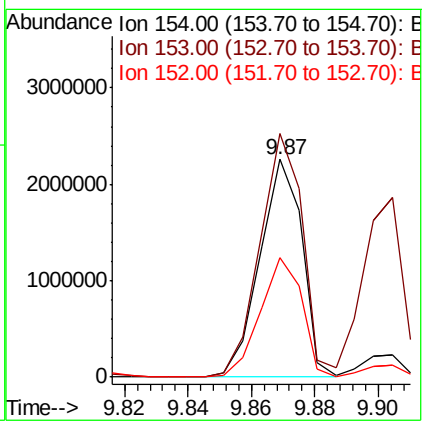


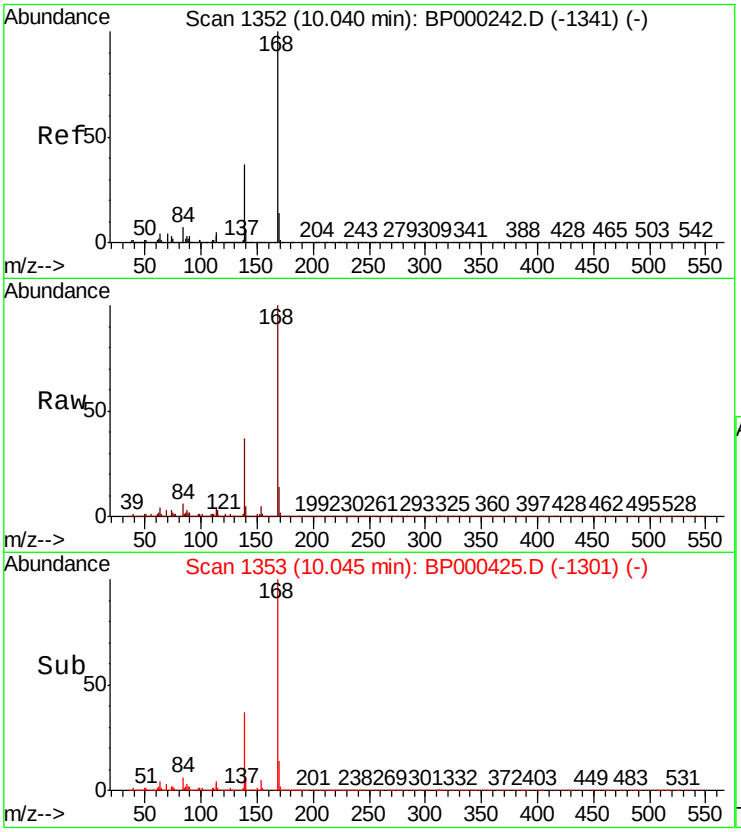


#52
Acenaphthene
Concen: 69.143 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Tgt Ion:154 Resp: 2084323

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.8	134.6
152	55.0	43.4	65.0



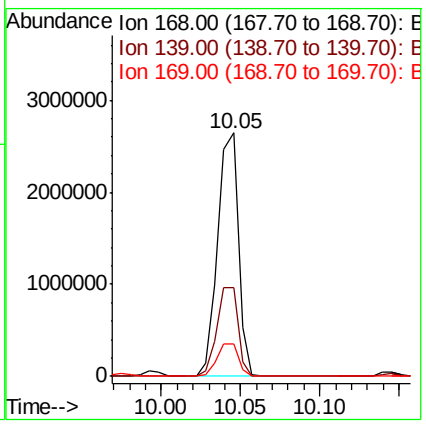


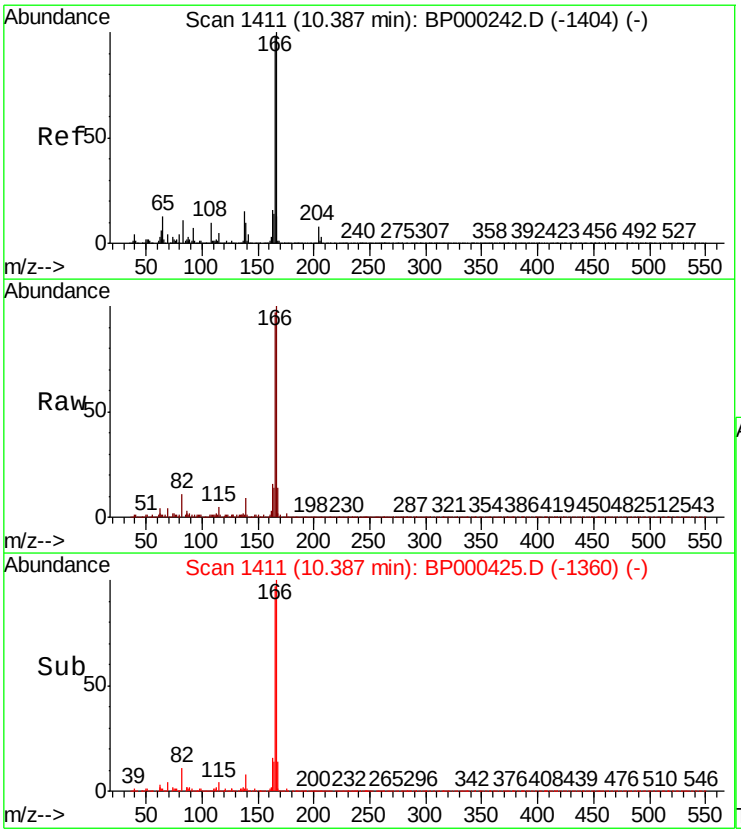
#55
Dibenzofuran
Concen: 56.498 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:168 Resp: 2407648

Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.0	45.0
169	13.6	11.0	16.6

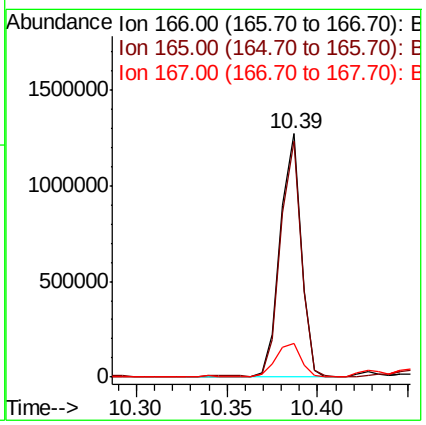


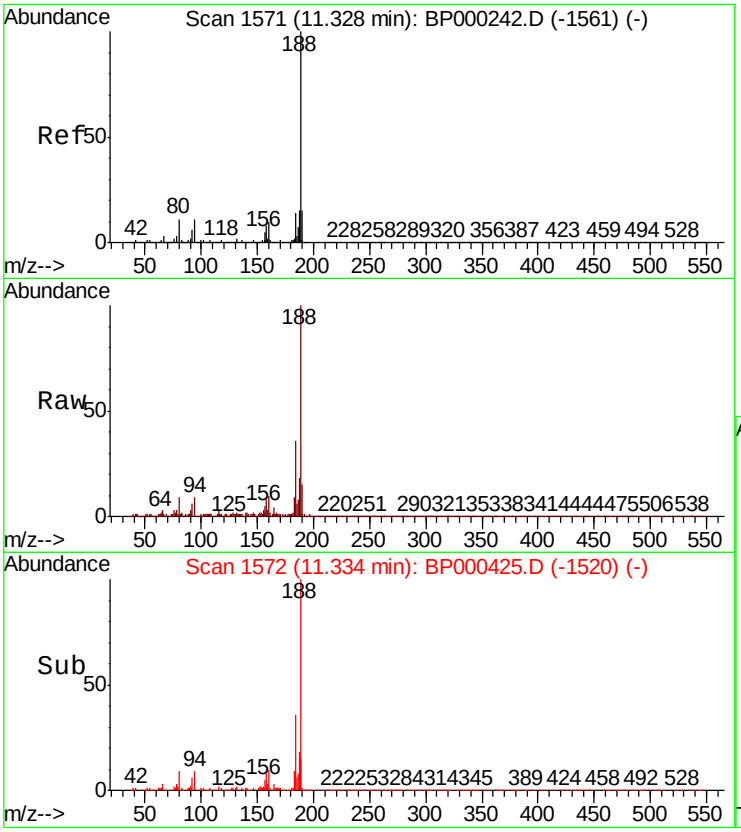


#58
Fluorene
Concen: 31.155 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Tgt Ion:166 Resp: 1025483

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.2	117.2
167	14.0	10.7	16.1



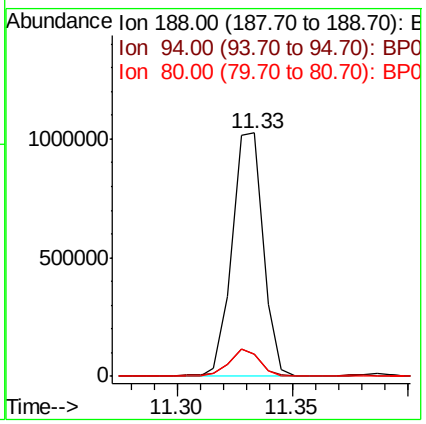


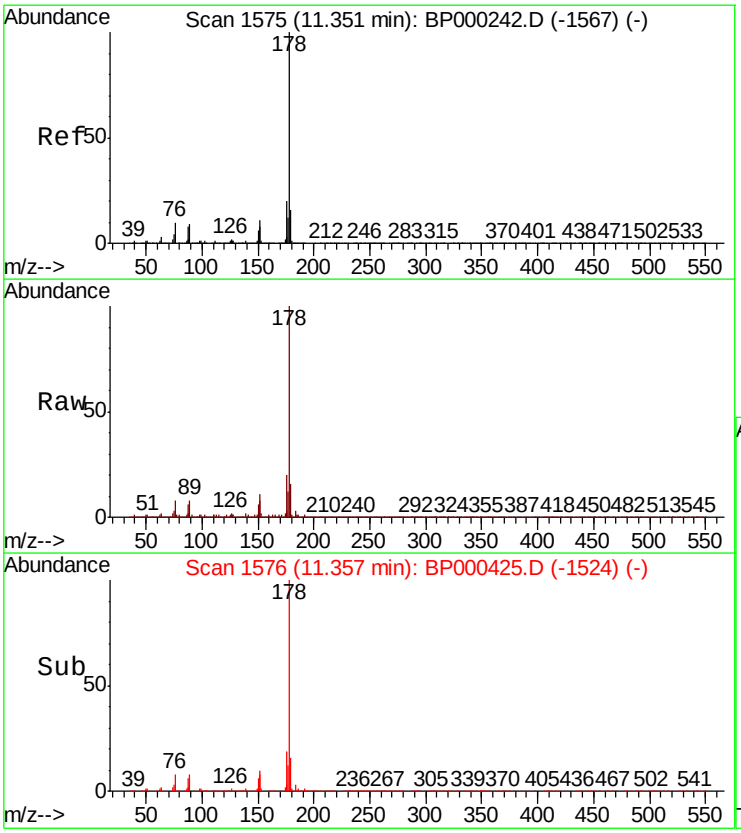
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:188 Resp: 969354

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.1	8.6	13.0

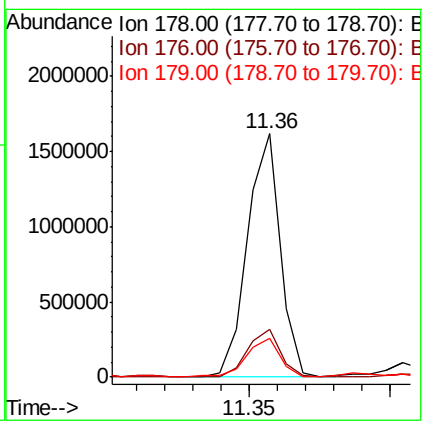


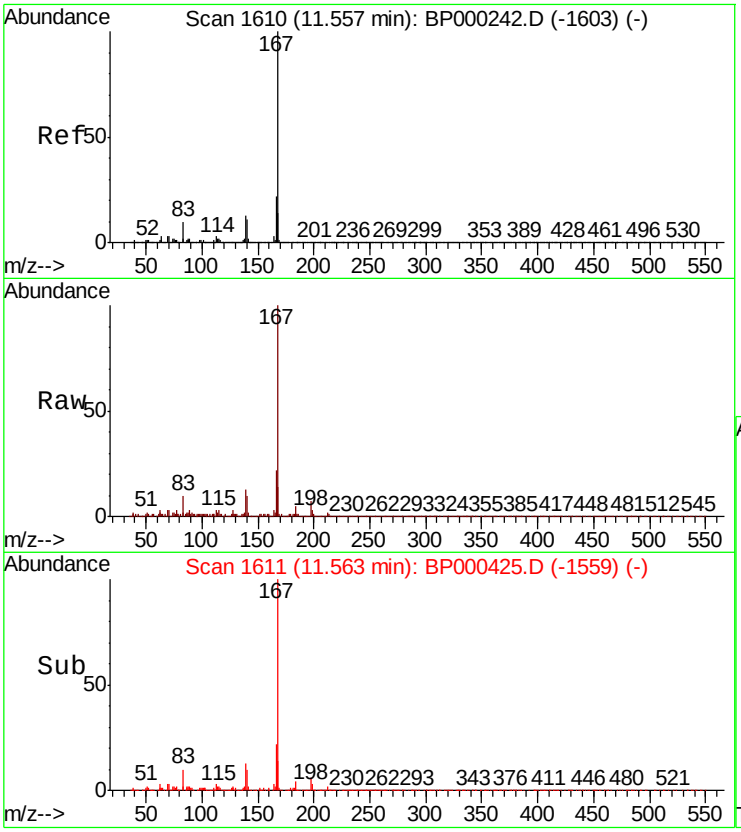


#71
Phenanthrene
Concen: 26.738 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Tgt Ion:178 Resp: 1298825

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.8	12.7	19.1



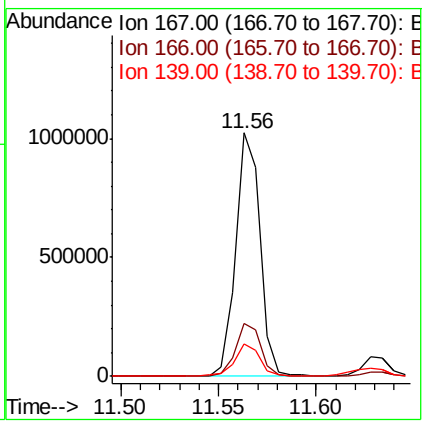


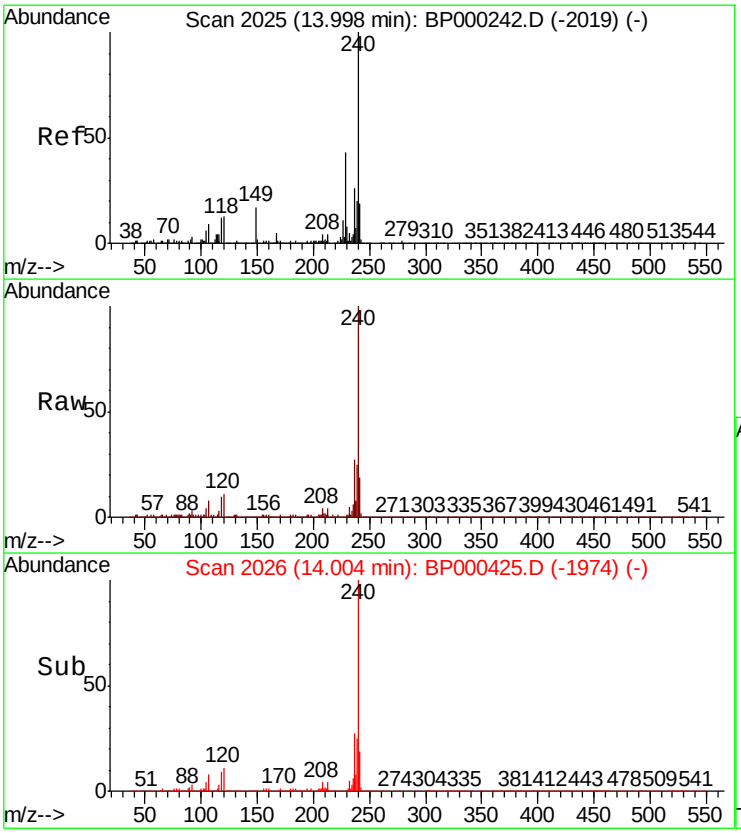
#73
Carbazole
Concen: 19.465 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:167 Resp: 876499

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	13.5	10.8	16.2

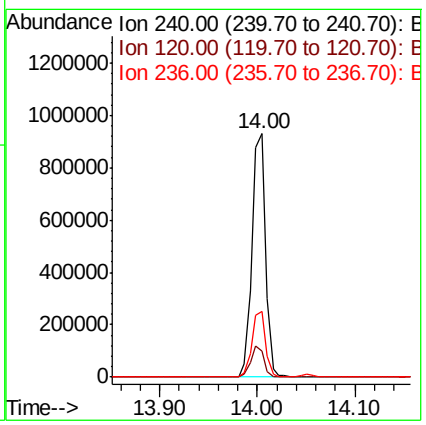


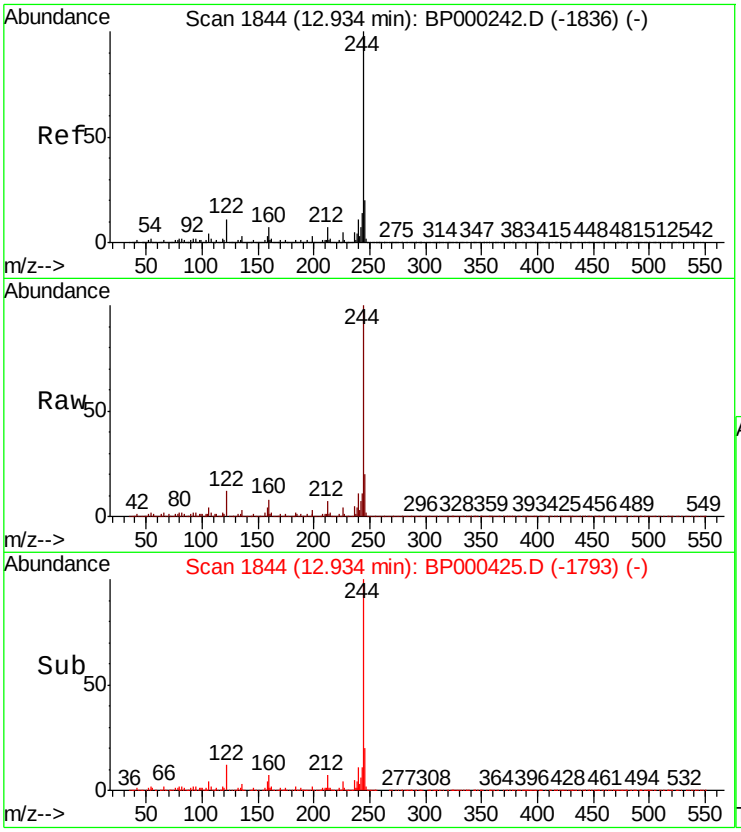


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Tgt Ion:240 Resp: 898143

Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.4	15.6
236	26.8	21.0	31.6



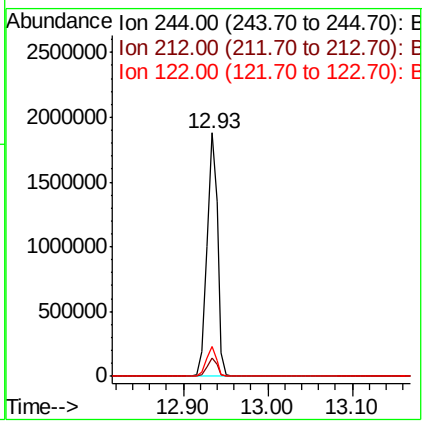


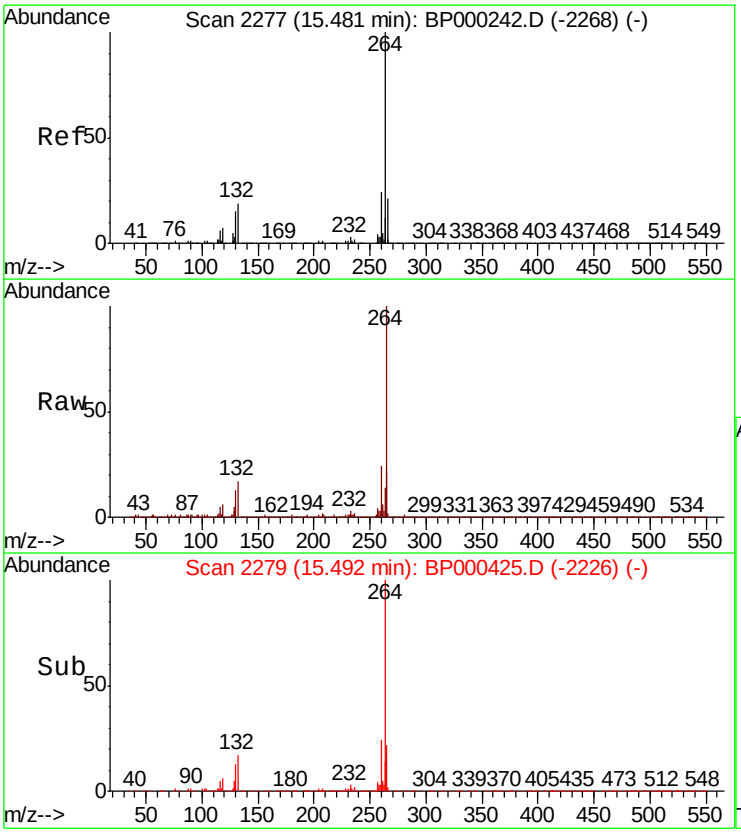
#79
Terphenyl-d14
Concen: 38.289 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:244 Resp: 1639273

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	12.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BP000425.D
Acq: 26 Sep 2019 16:22

Tgt Ion:264 Resp: 974065

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	21.8	17.2	25.8