Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
Data File : BP000389.D
Acq On : 24 Sep 2019 17:24
Operator : JU
Sample : K5008-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 25 01:13:01 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	237622	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	835815	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	485234	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	924366	20.00	ng		0.00
76) Chrysene-d12	13.99	240	847589	20.00	ng		-0.01
87) Perylene-d12	15.46	264	939217	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1056248	76.74	ng		0.00
7) Phenol-d6	6.43	99	1641068	97.26	ng		0.00
23) Nitrobenzene-d5	7.35	82	912968	70.48	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	318811	66.24	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1799249	66.74	ng		0.00
79) Terphenyl-d14	12.92	244	2229458	55.18	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.44	94	57426	2.996	ng		97
18) Hexachloroethane	7.32	117	226683	34.614	ng	#	1
22) Acetophenone	7.19	105	345286	19.063	ng	#	58
24) Nitrobenzene	7.36	77	36522	2.714	ng	#	19
31) Naphthalene	8.09	128	976987	25.239	ng		98
35) Caprolactam	8.50	113	16764	4.047	ng	#	8
37) 2-Methylnaphthalene	8.78	142	700903	26.487	ng		99
38) 1-Methylnaphthalene	8.88	142	317091	12.792	ng		100
50) Dimethylphthalate	9.54	163	319388	9.661	ng		99
57) 2,4-Dinitrotoluene	9.83	165	65571	6.900	ng	#	35
67) 4-Bromophenyl-phenylether	10.62	248	21800	2.086	ng	#	1
69) Atrazine	11.00	200	89	Below Cal		#	1

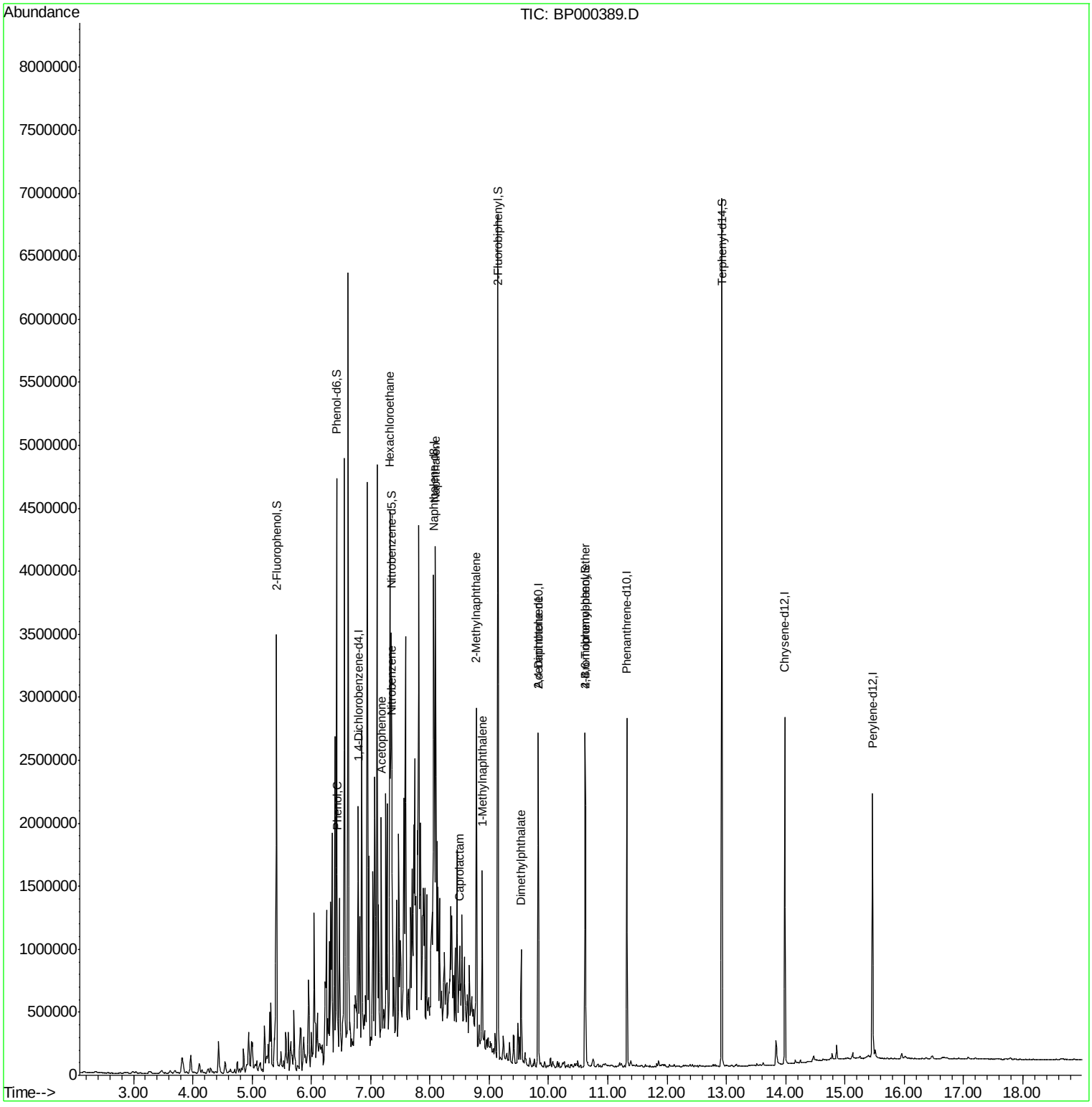
(#) = qualifier out of range (m) = manual integration (+) = signals summed

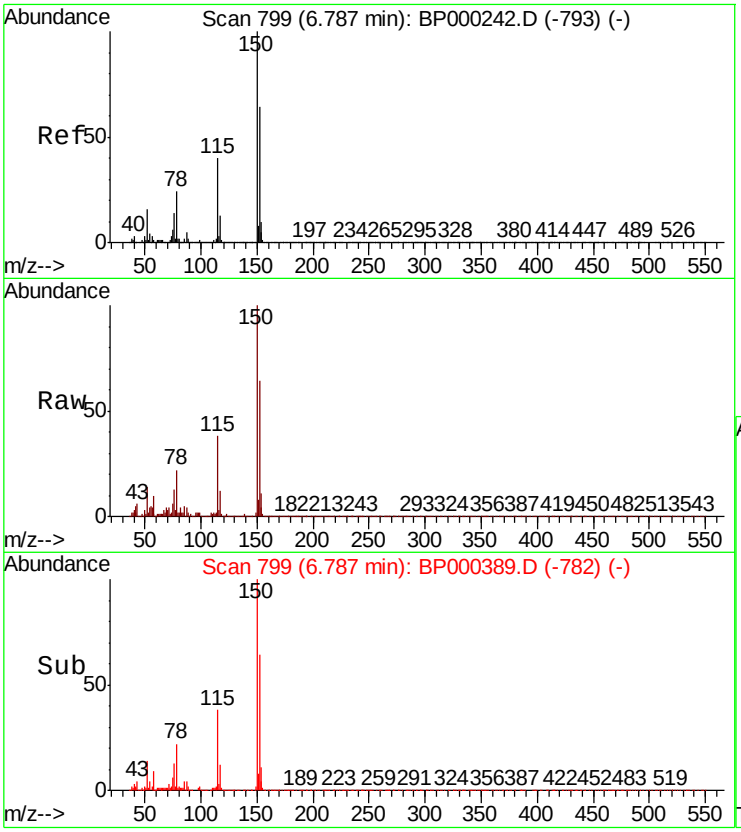
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
Data File : BP000389.D
Acq On : 24 Sep 2019 17:24
Operator : JU
Sample : K5008-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 25 01:13:01 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



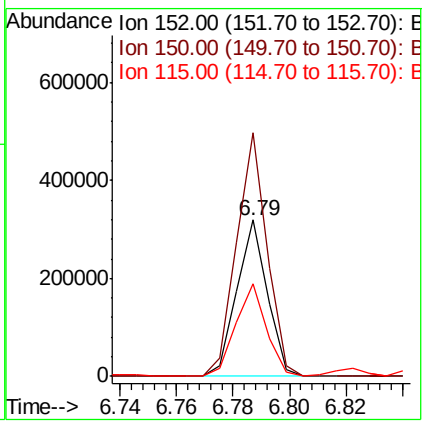


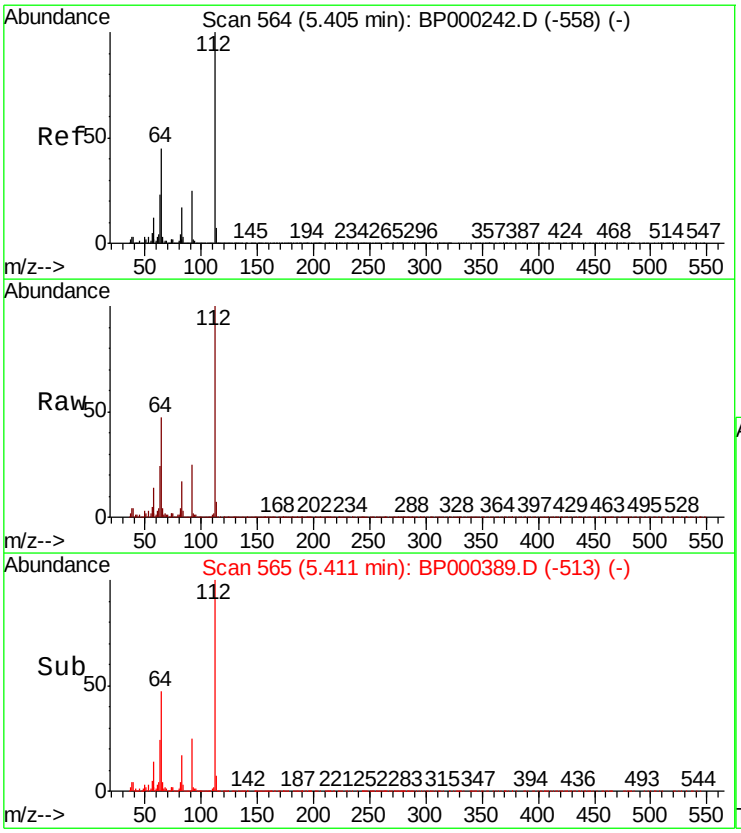
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 237622

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.2	187.8
115	59.3	49.7	74.5

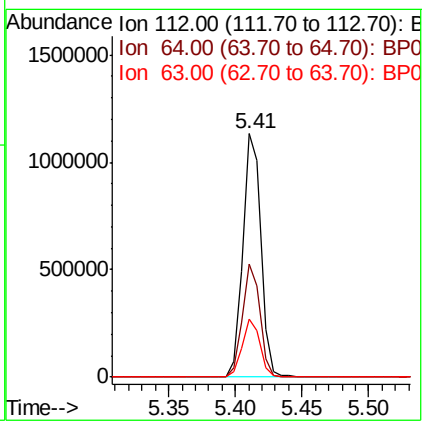


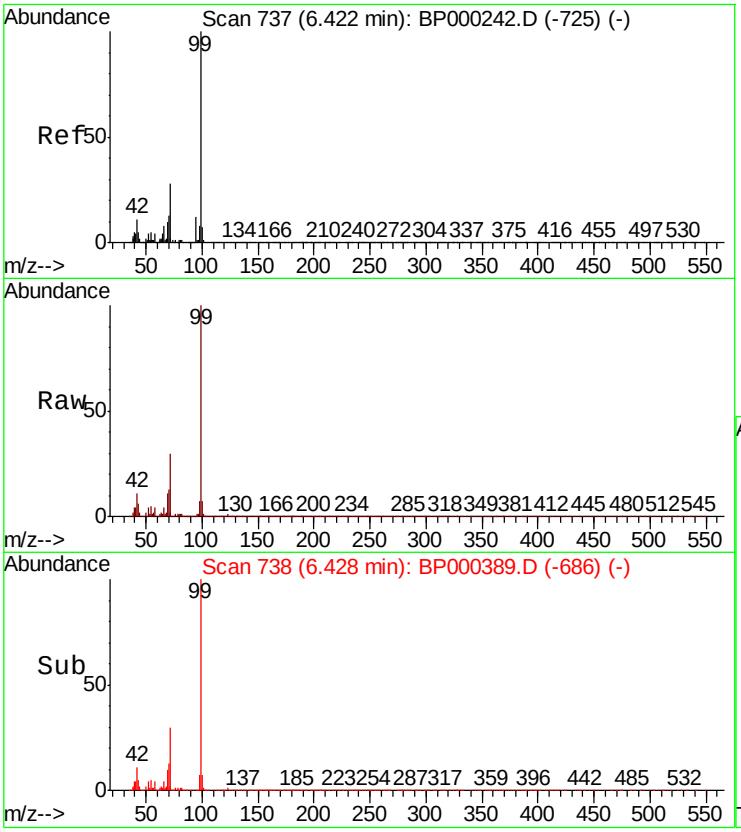


#5
2-Fluorophenol
Concen: 76.738 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Tgt Ion:112 Resp: 1056248

Ion	Ratio	Lower	Upper
112	100		
64	46.5	36.2	54.4
63	23.8	18.3	27.5



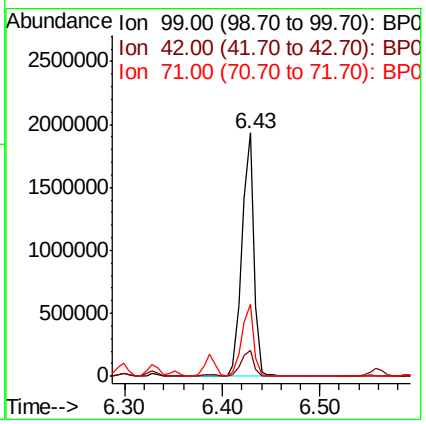


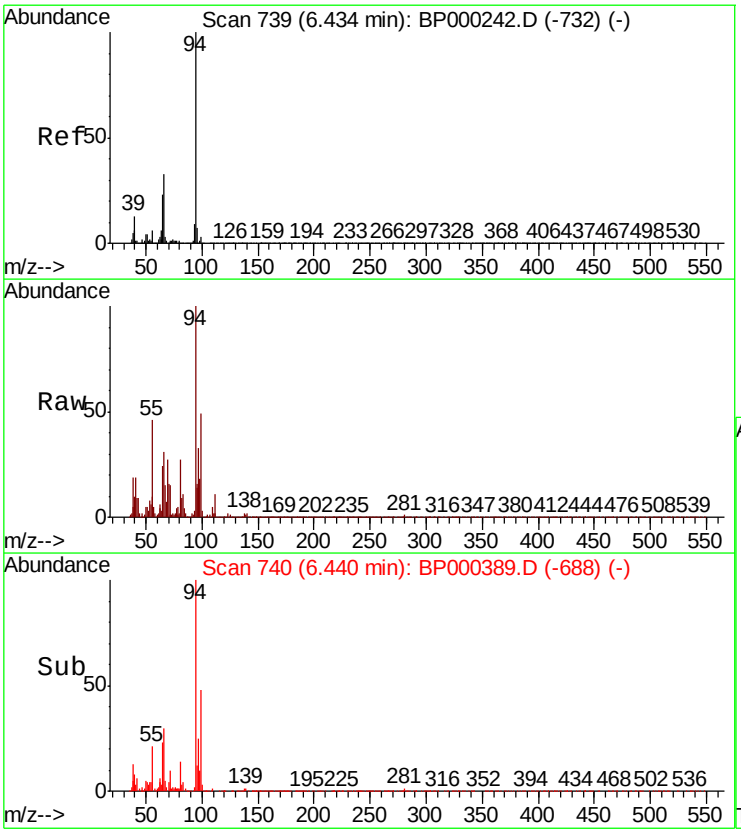
#7
Phenol-d6
Concen: 97.264 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1641068

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.5	12.7
71	29.7	22.6	34.0

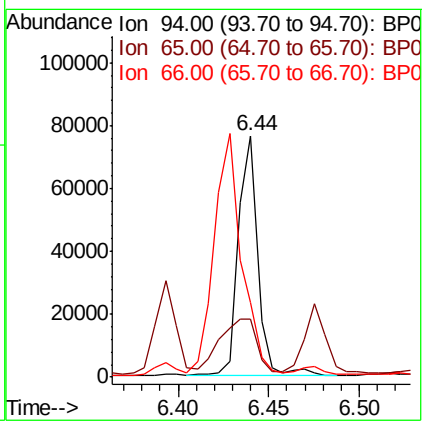


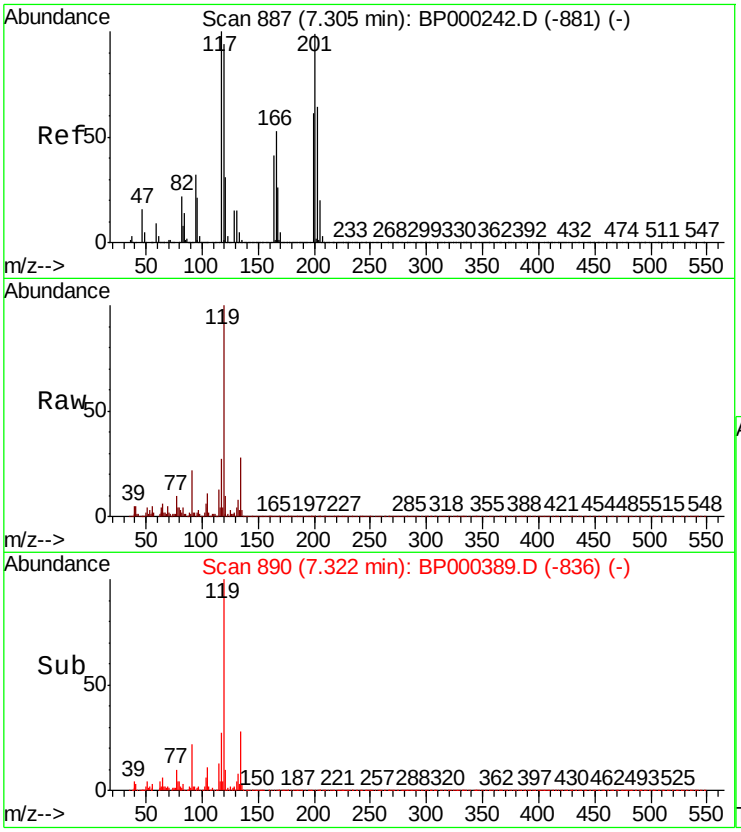


#10
Phenol
Concen: 2.996 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Tgt Ion: 94 Resp: 57426

Ion	Ratio	Lower	Upper
94	100		
65	24.1	3.3	43.3
66	30.7	12.7	52.7



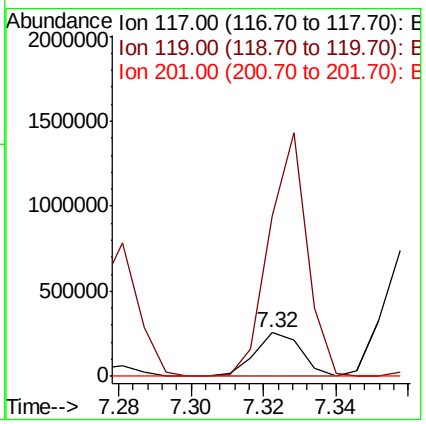


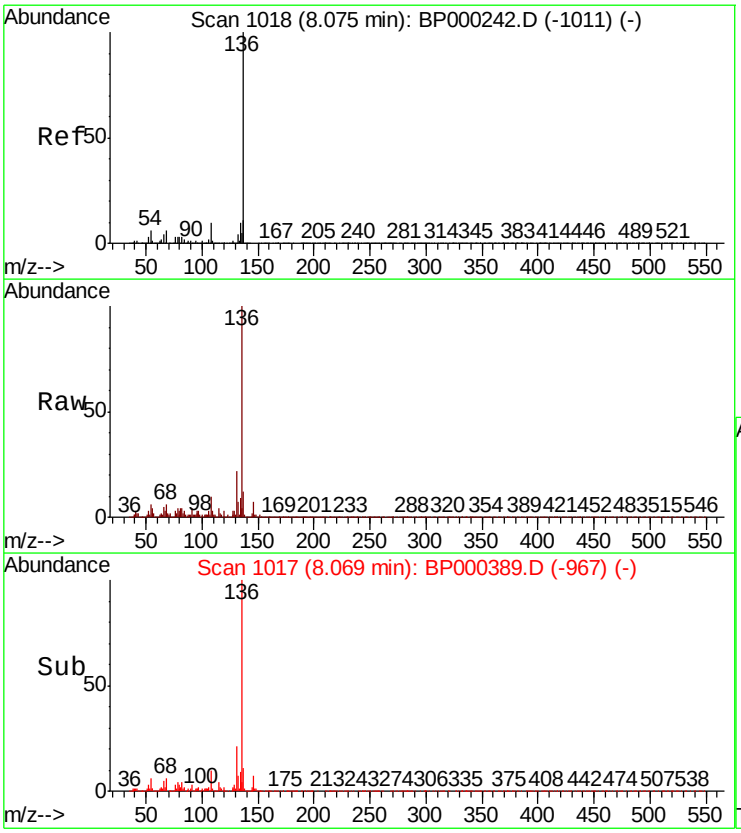
#18
Hexachloroethane
Concen: 34.614 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.02 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:117 Resp: 226683

Ion	Ratio	Lower	Upper
117	100		
119	369.4	75.6	113.4#
201	0.0	79.4	119.2#

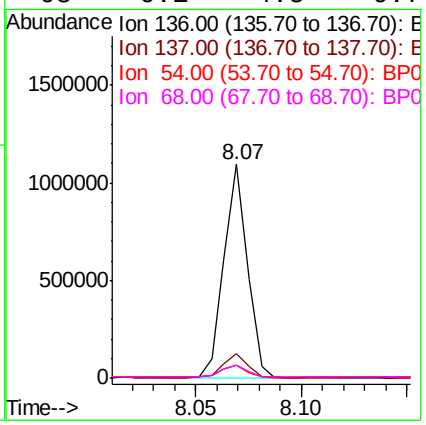


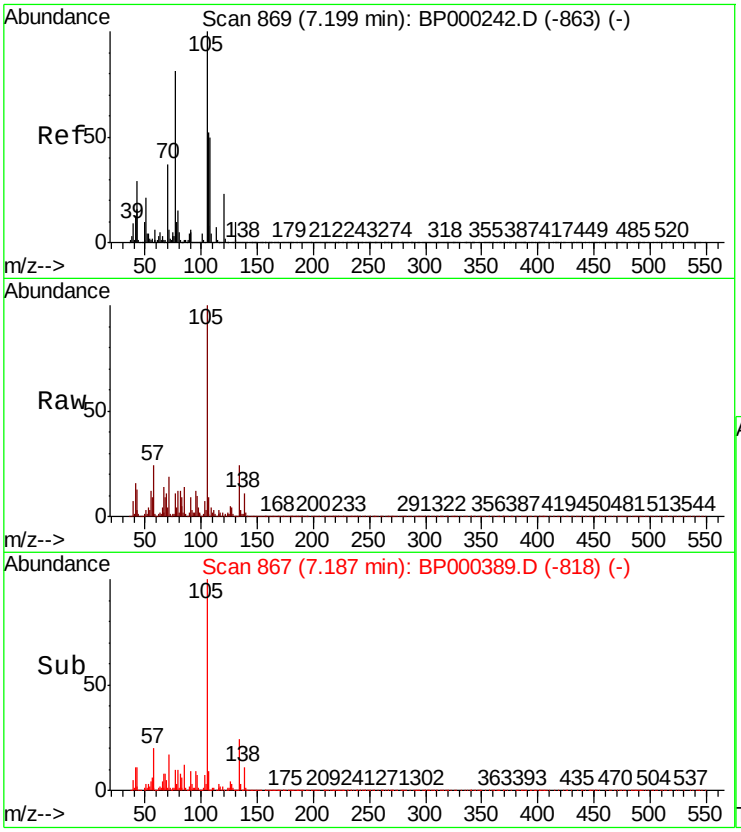


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Tgt Ion:136 Resp: 835815

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	6.0	4.5	6.7
68	6.1	4.5	6.7



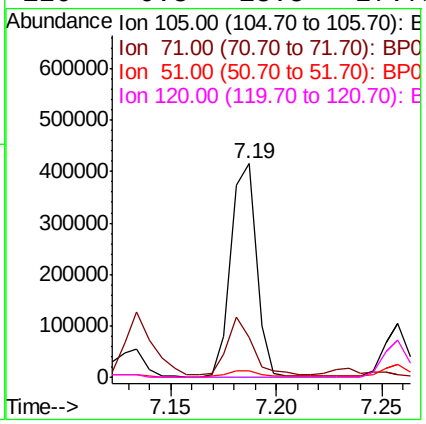


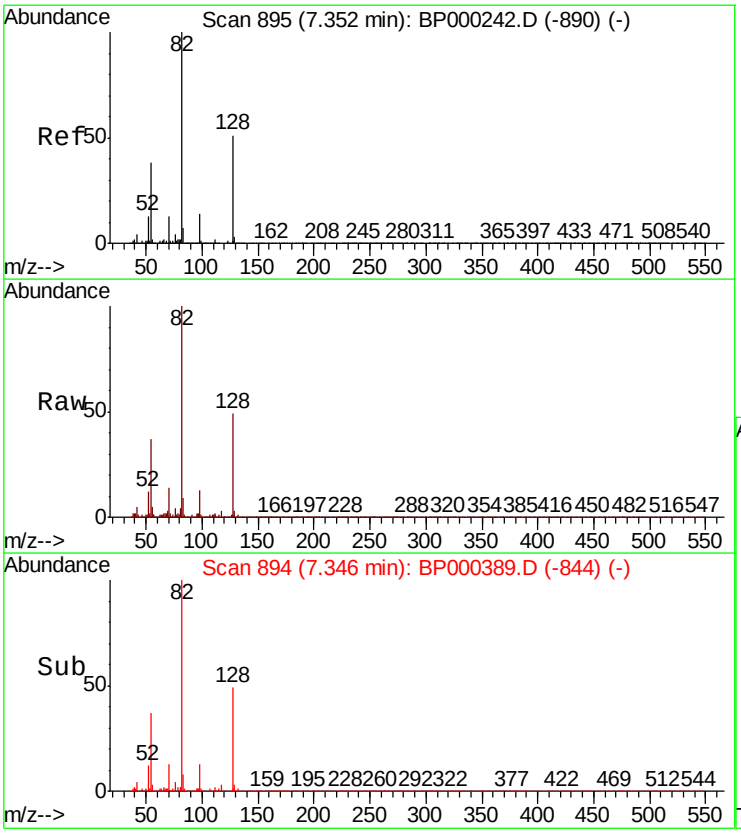
#22
Acetophenone
Concen: 19.063 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:105 Resp: 345286

Ion	Ratio	Lower	Upper
105	100		
71	18.6	5.2	7.8#
51	3.1	16.6	24.8#
120	0.3	18.5	27.7#

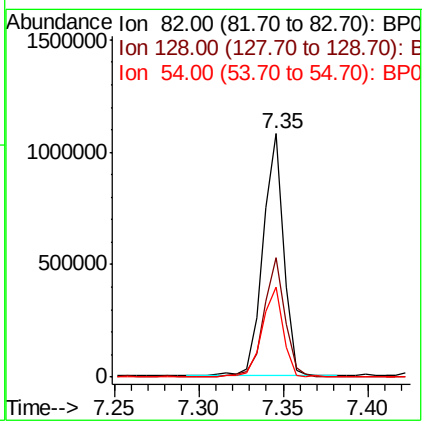


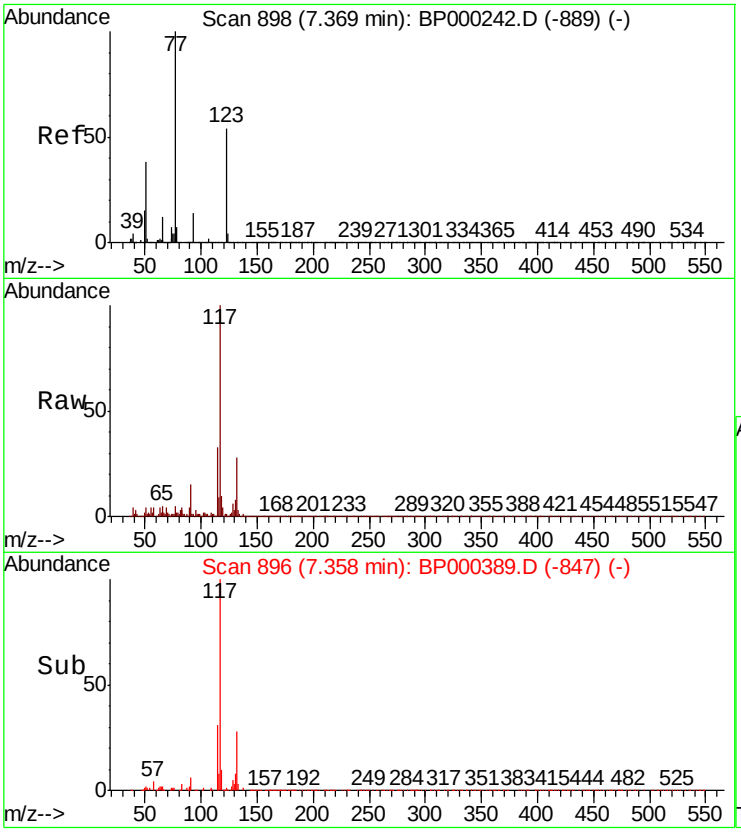


#23
Nitrobenzene-d5
Concen: 70.475 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Tgt Ion: 82 Resp: 912968

Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.7	61.1
54	37.1	30.1	45.1



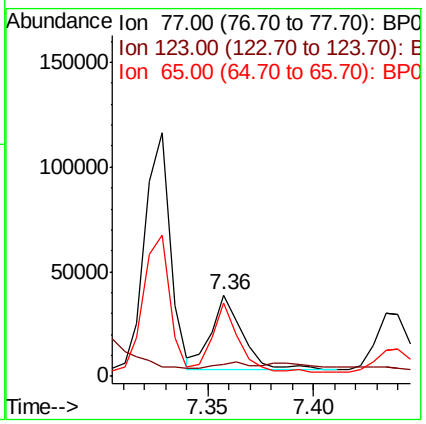


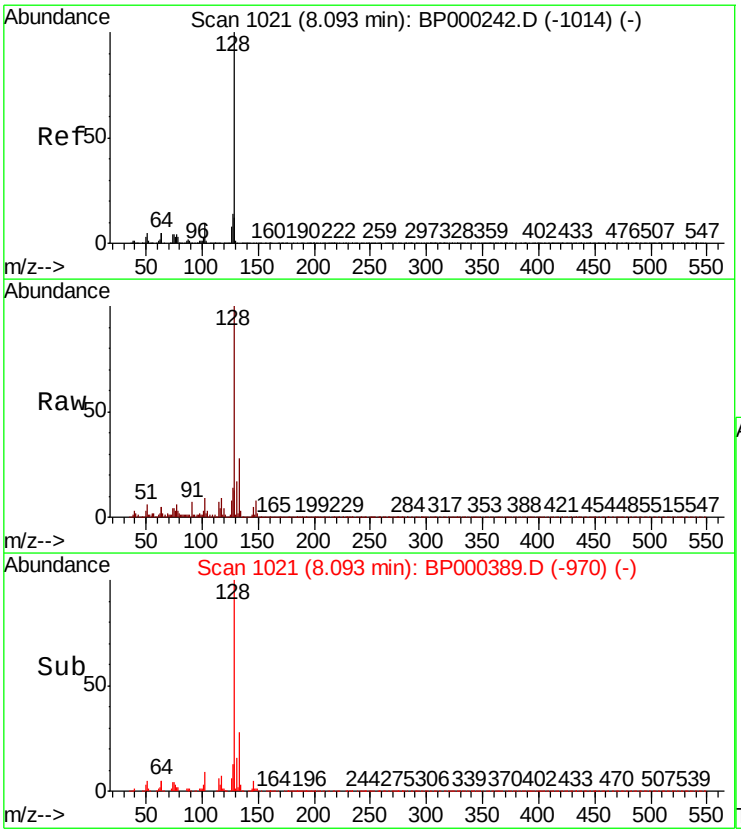
#24
Nitrobenzene
Concen: 2.714 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 77 Resp: 36522

Ion	Ratio	Lower	Upper
77	100		
123	14.7	43.1	64.7#
65	90.3	9.4	14.2#

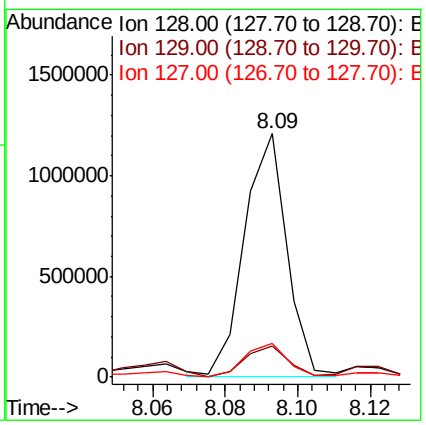


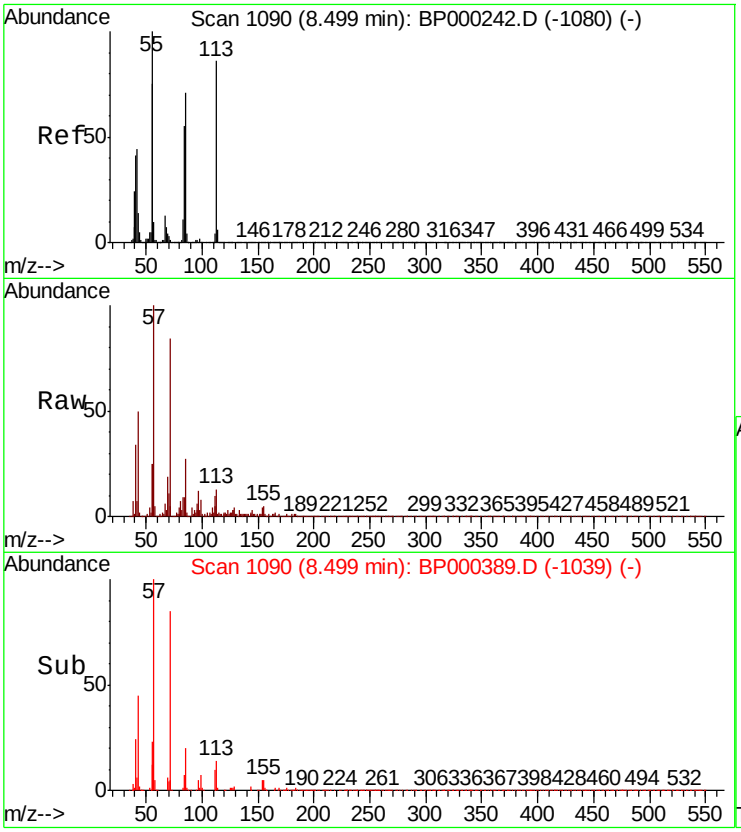


#31
Naphthalene
Concen: 25.239 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Tgt Ion:128 Resp: 976987

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.2	13.8
127	13.8	11.0	16.6



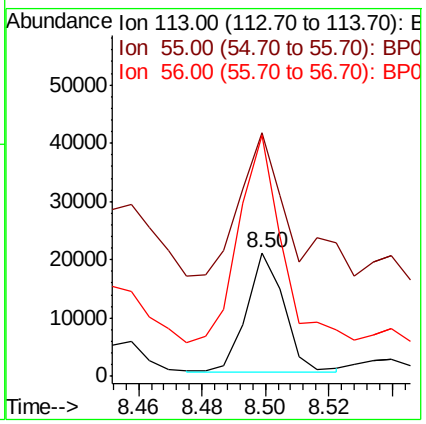


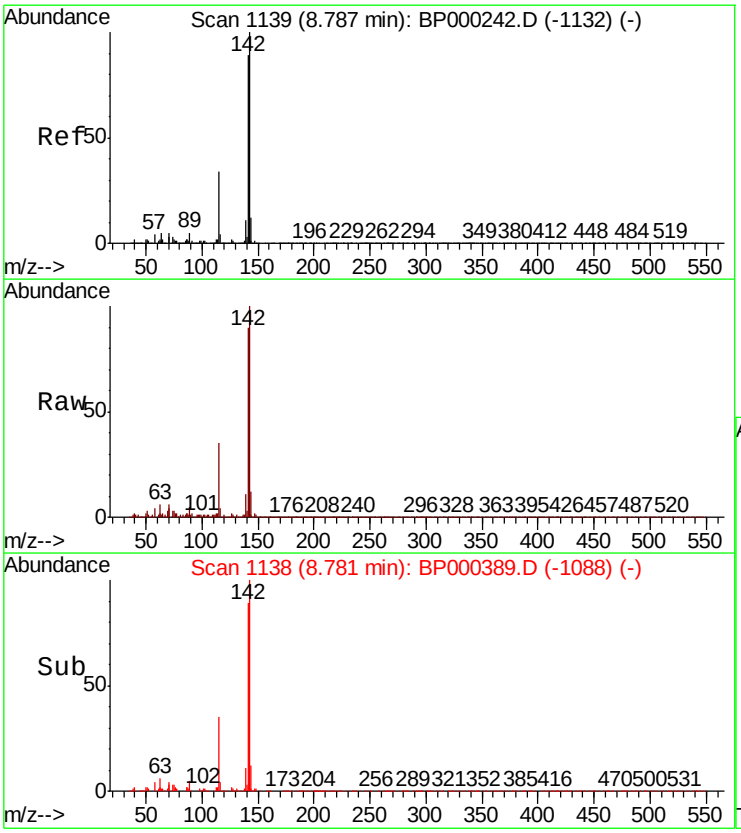
#35
Caprolactam
Concen: 4.047 ng
RT: 8.50 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:113 Resp: 16764

Ion	Ratio	Lower	Upper
113	100		
55	197.3	96.8	136.8#
56	195.3	67.5	107.5#

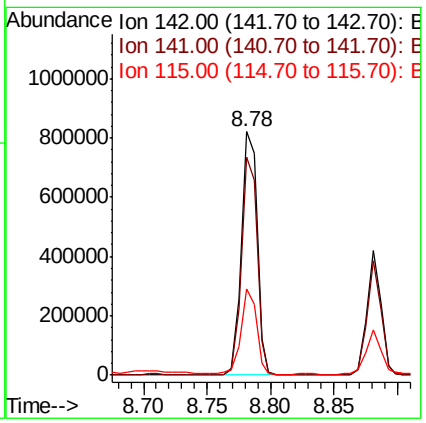


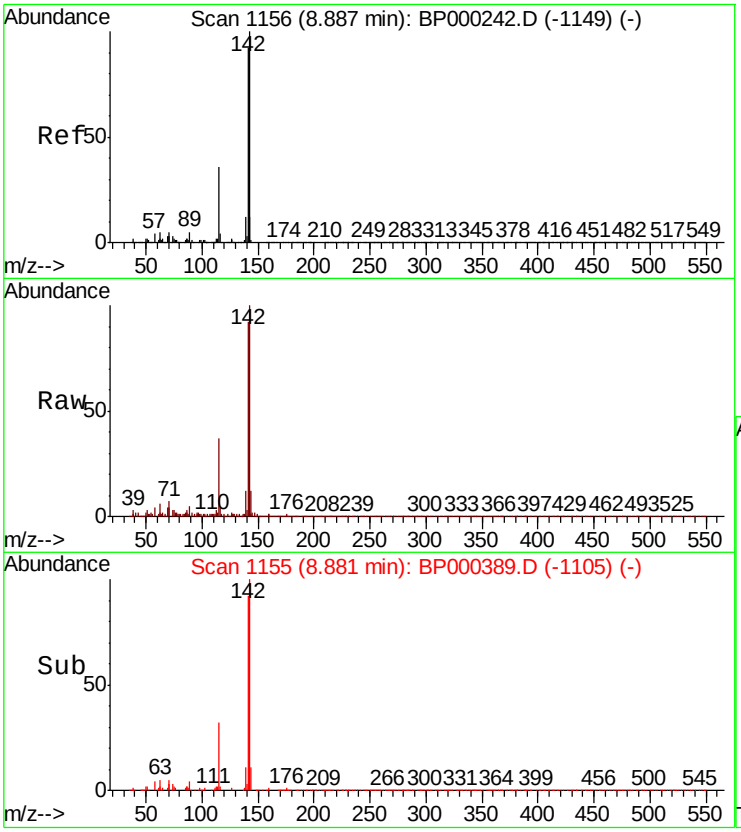


#37
2-Methylnaphthalene
Concen: 26.487 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Tgt Ion:142 Resp: 700903

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	35.4	27.2	40.8



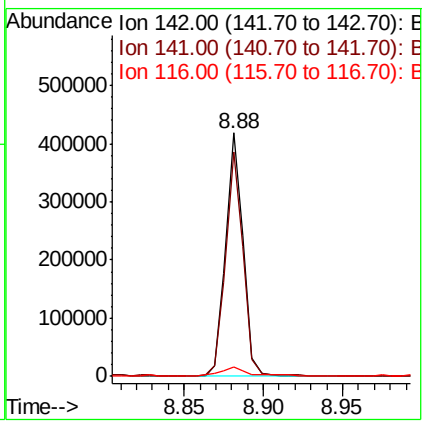


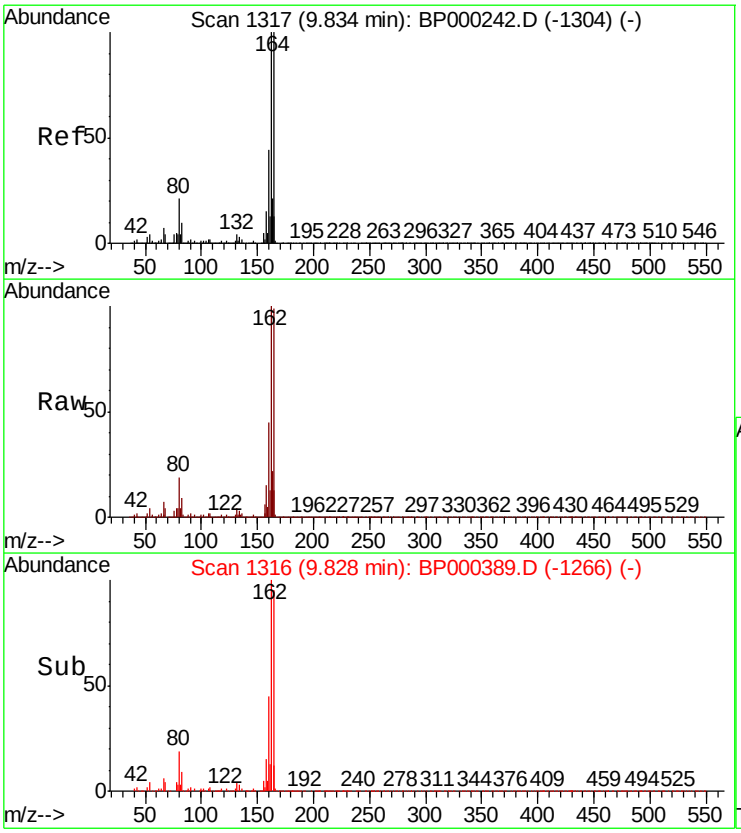
#38
1-Methylnaphthalene
Concen: 12.792 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 317091

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.9	110.9
116	3.9	3.0	4.6

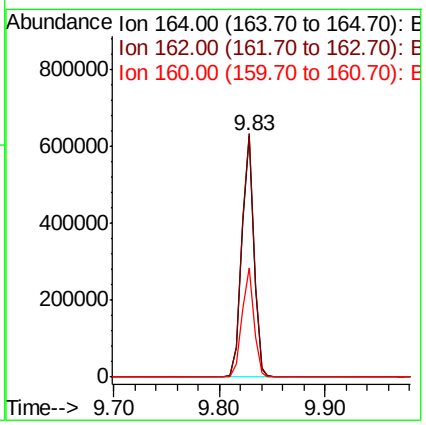


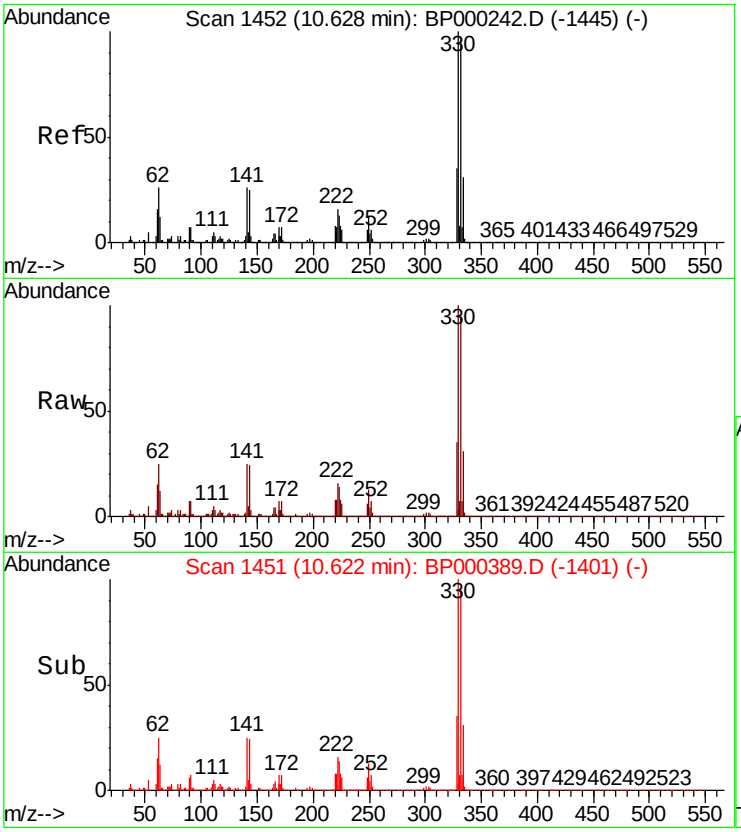


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Tgt Ion:164 Resp: 485234

Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.9	119.9
160	45.2	35.6	53.4



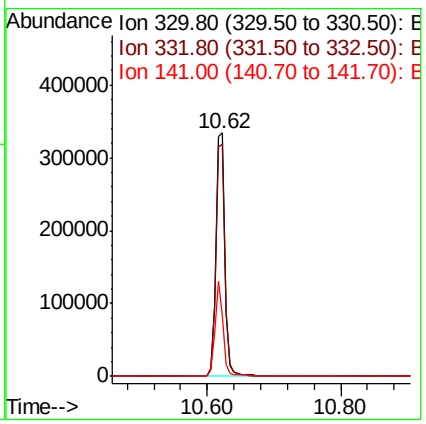


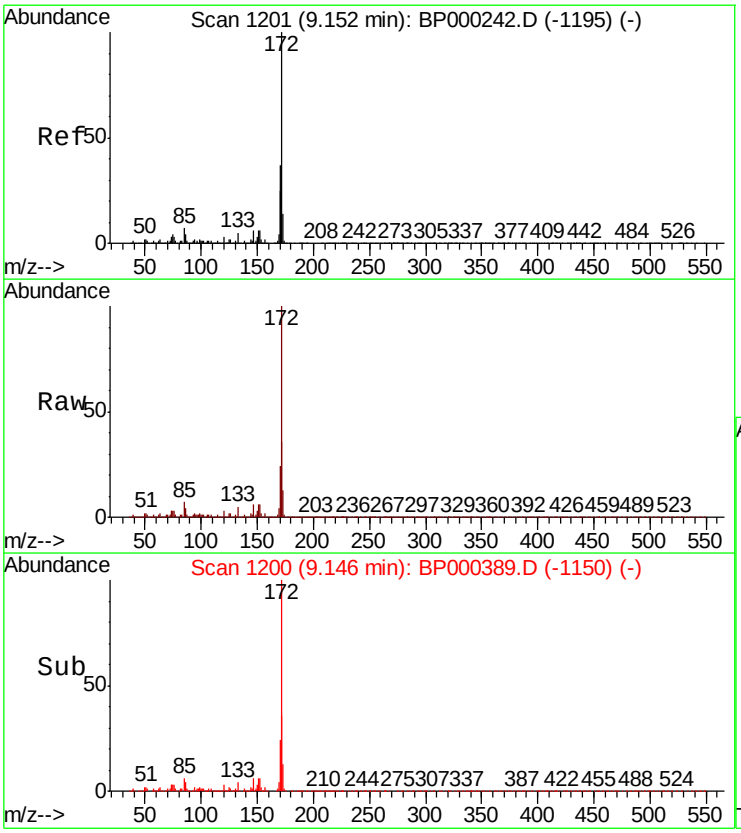
#42
2,4,6-Tribromophenol
Concen: 66.241 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 318811

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	34.6	26.5	39.7

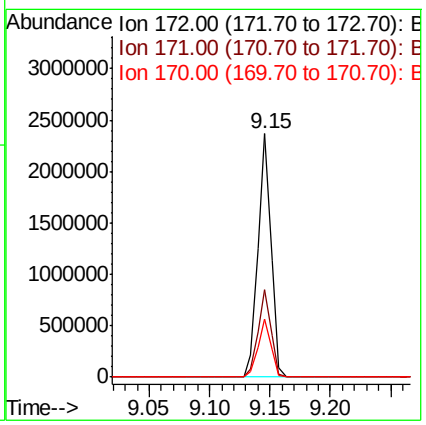


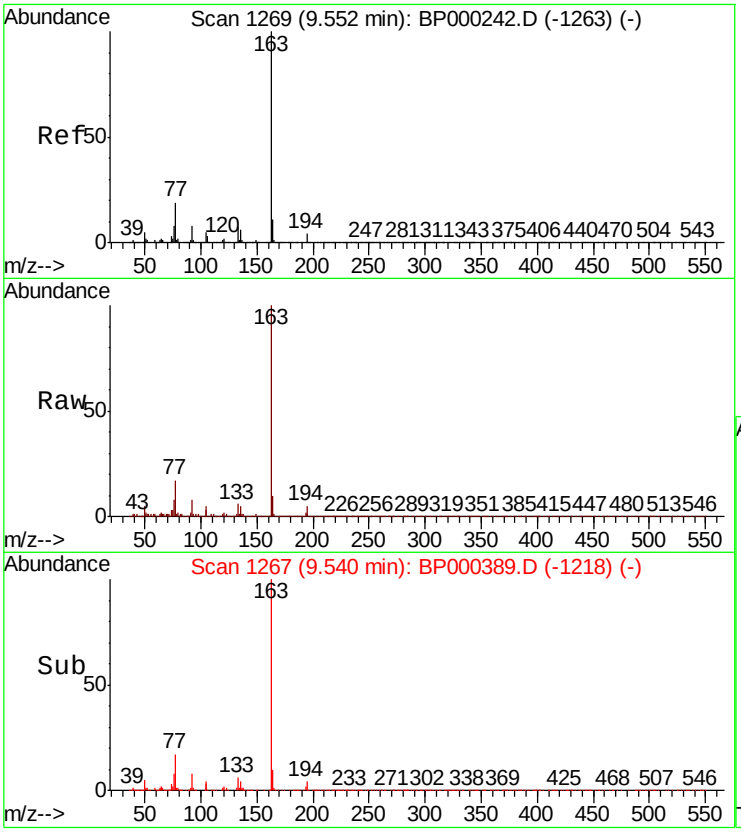


#45
2-Fluorobiphenyl
Concen: 66.737 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Tgt Ion:172 Resp: 1799249

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.8	44.6
170	24.0	19.8	29.6



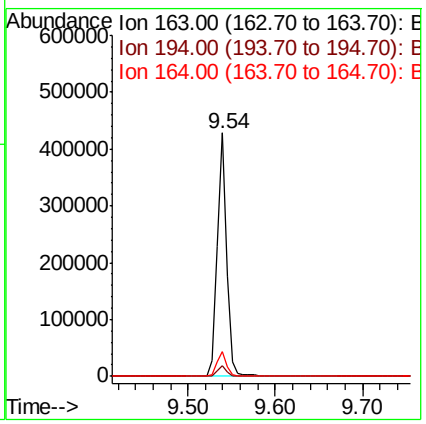


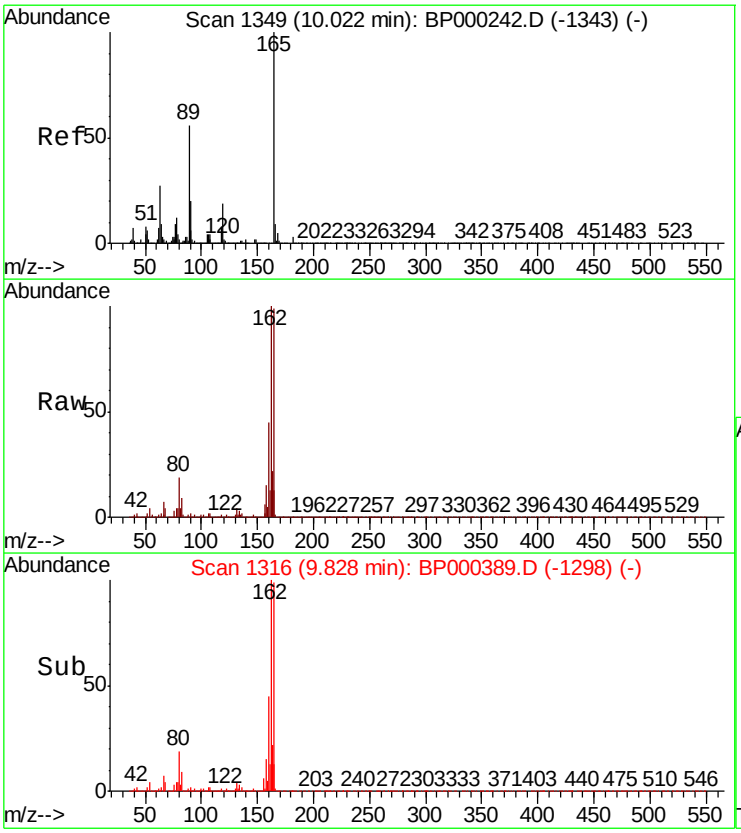
#50
Dimethylphthalate
Concen: 9.661 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 319388

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.1	8.5	12.7

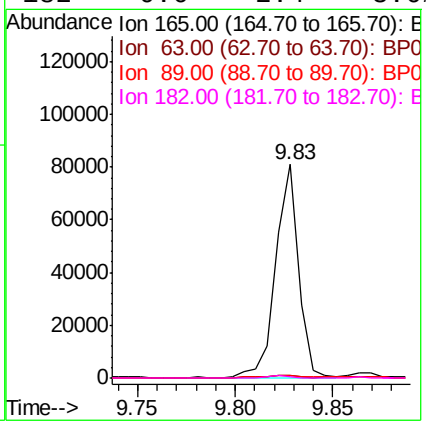


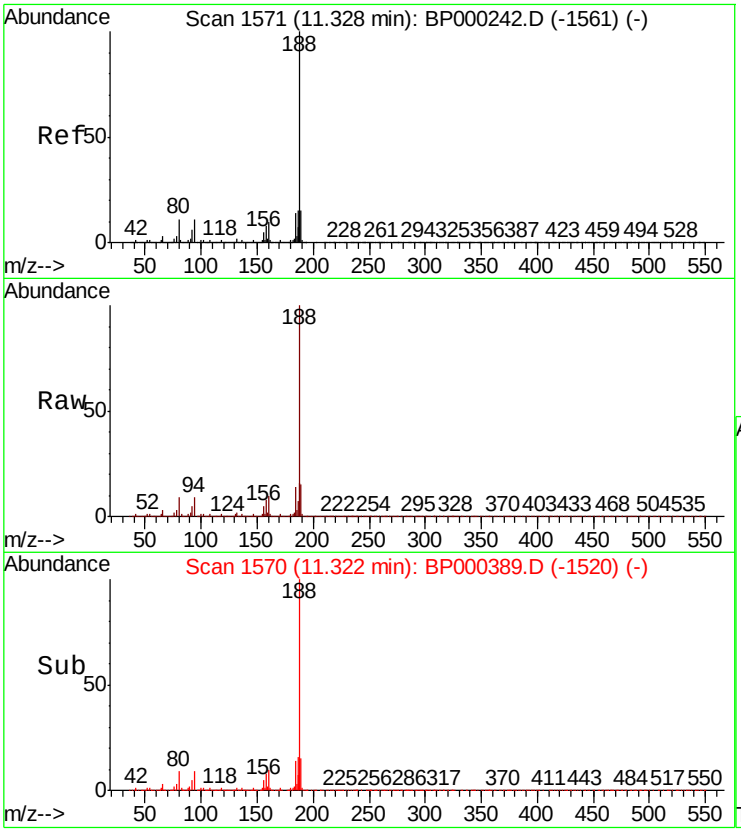


#57
2,4-Dinitrotoluene
Concen: 6.900 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Tgt Ion:165 Resp: 65571

Ion	Ratio	Lower	Upper
165	100		
63	1.2	21.7	32.5#
89	1.5	45.0	67.6#
182	0.6	2.4	3.6#



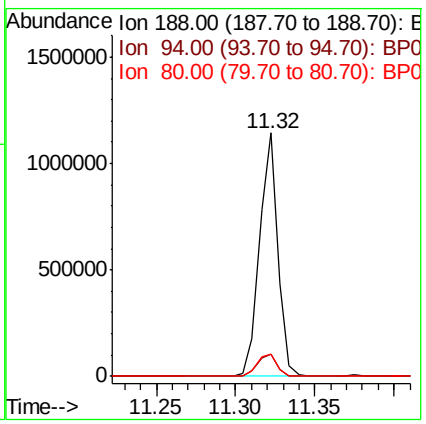


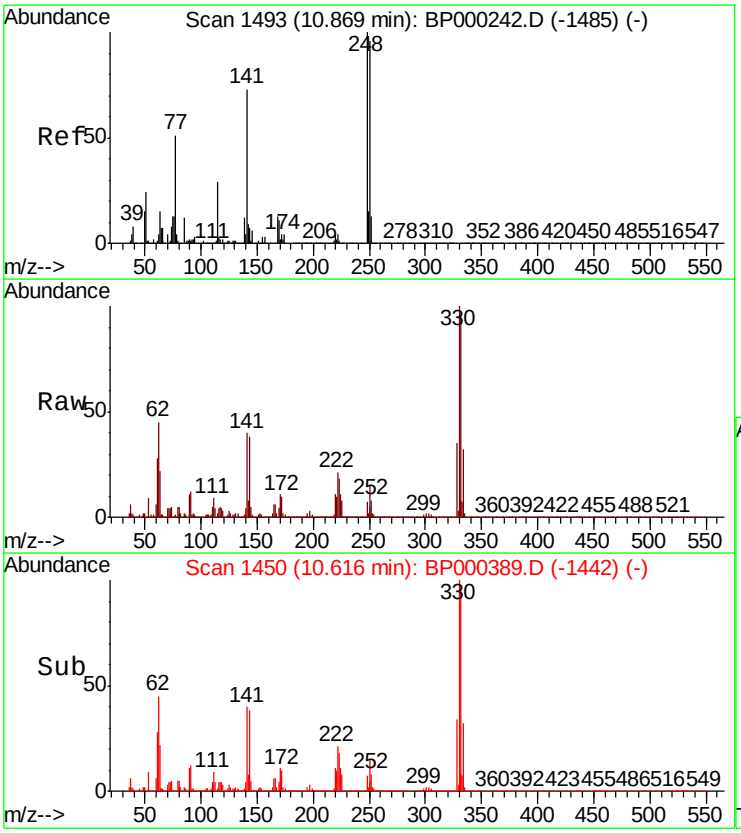
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 924366

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.4	8.6	13.0

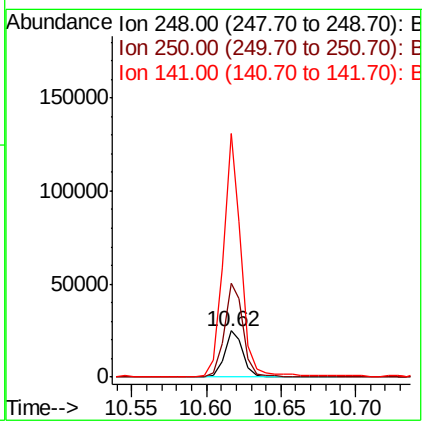


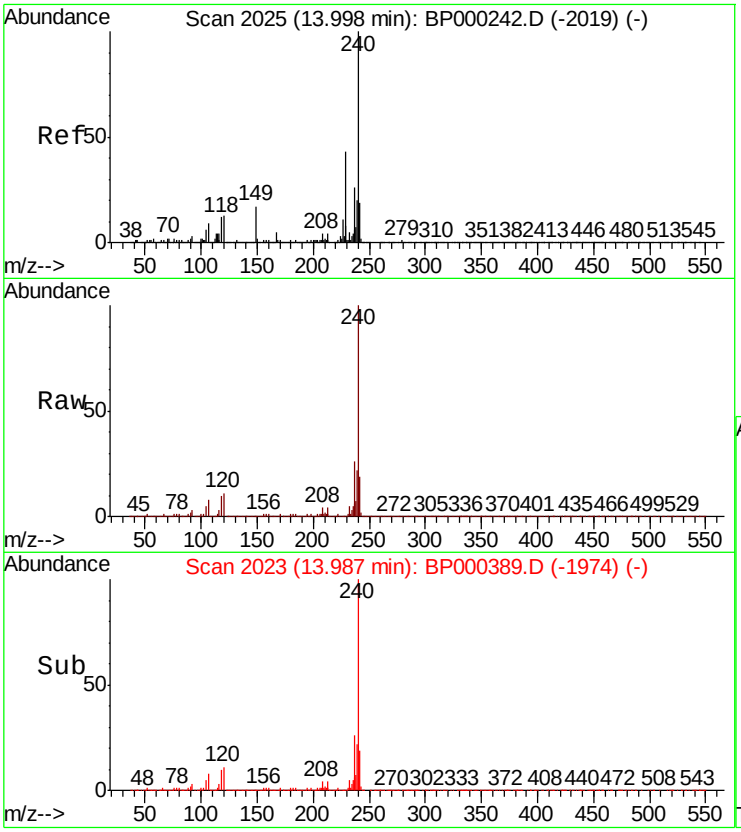


#67
4-Bromophenyl-phenylether
Concen: 2.086 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Tgt Ion:248 Resp: 21800

Ion	Ratio	Lower	Upper
248	100		
250	203.3	77.0	115.4#
141	530.7	58.5	87.7#



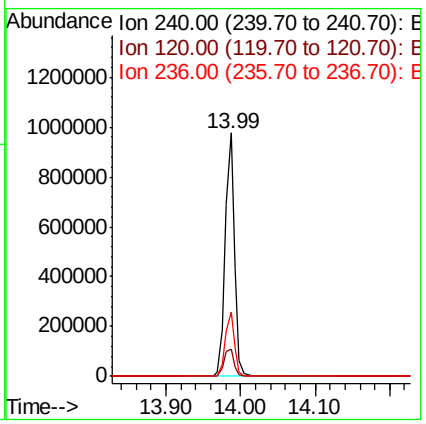


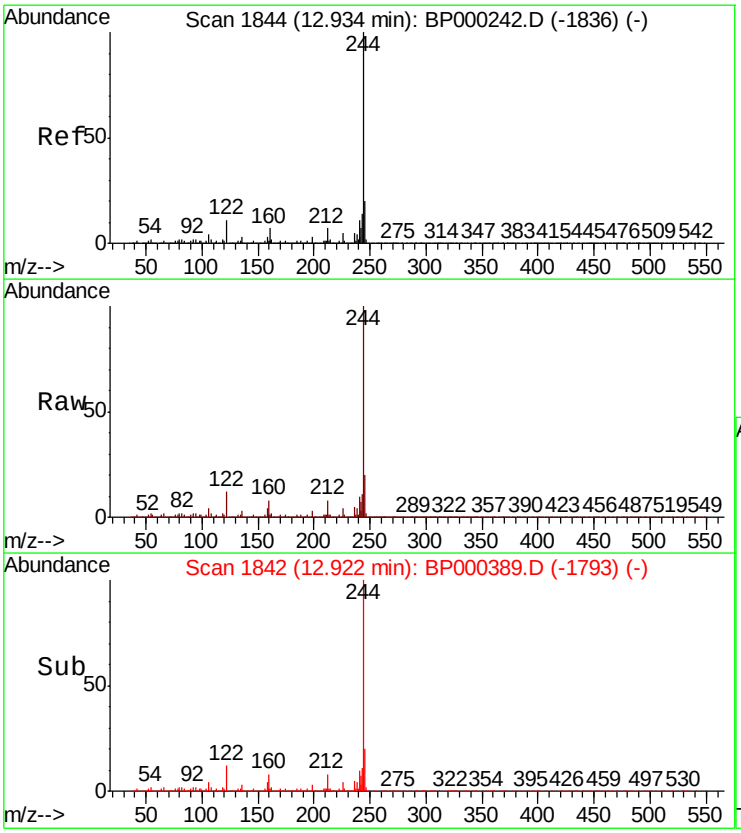
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 847589

Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.4	15.6
236	26.3	21.0	31.6

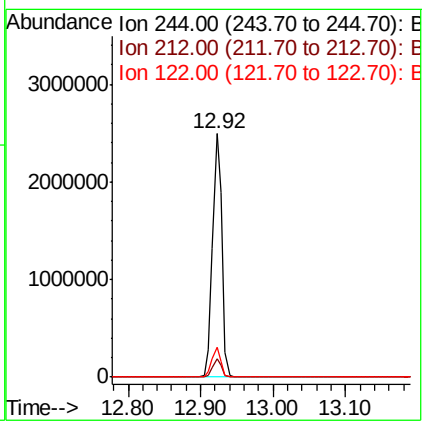


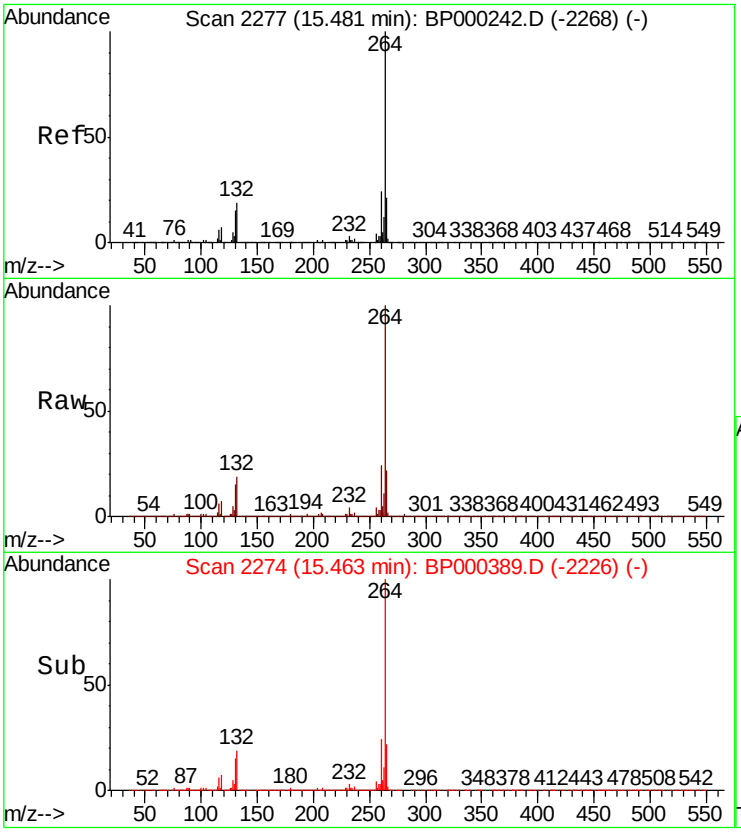


#79
Terphenyl-d14
Concen: 55.181 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Tgt Ion:244 Resp: 2229458

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	12.0	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 939217

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.8	17.2	25.8