Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
Data File : BN004995.D
Acq On : 27 Mar 2019 15:08
Operator : JU/SJ
Sample : K1825-06DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PT-ACIDS-WPDL

Quant Time: Mar 28 05:13:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	8579	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	36156	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	21265	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	50340	20.00	ng	0.00
76) Chrysene-d12	21.27	240	54056	20.00	ng	0.00
87) Perylene-d12	23.51	264	52430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	37097	74.76	ng	0.00
7) Phenol-d6	6.85	99	49968	75.92	ng	-0.01
23) Nitrobenzene-d5	8.83	82	28719	48.05	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	27467	80.09	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	81272	50.64	ng	0.00
79) Terphenyl-d14	19.70	244	139809	49.79	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.24	128	16747	26.586	ng	99
17) 2-Methylphenol	8.12	107	24699	50.238	ng	99
20) 3+4-Methylphenols	8.44	107	53967	80.845	ng	92
26) 2-Nitrophenol	9.58	139	13139	37.409	ng	100
27) 2,4-Dimethylphenol	9.64	122	19727	40.342	ng	98
29) 2,4-Dichlorophenol	10.11	162	15453	27.496	ng	99
36) 4-Chloro-3-methylphenol	11.75	107	47127	77.623	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	12840	27.435	ng	100
44) 2,4,5-Trichlorophenol	12.82	196	31856	62.480	ng	98
54) 2,4-Dinitrophenol	14.46	184	10005	45.603	ng	98
56) 4-Nitrophenol	14.56	139	13745	42.941	ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	9331	28.914	ng	95
70) Pentachlorophenol	16.72	266	25451	65.772	ng	100

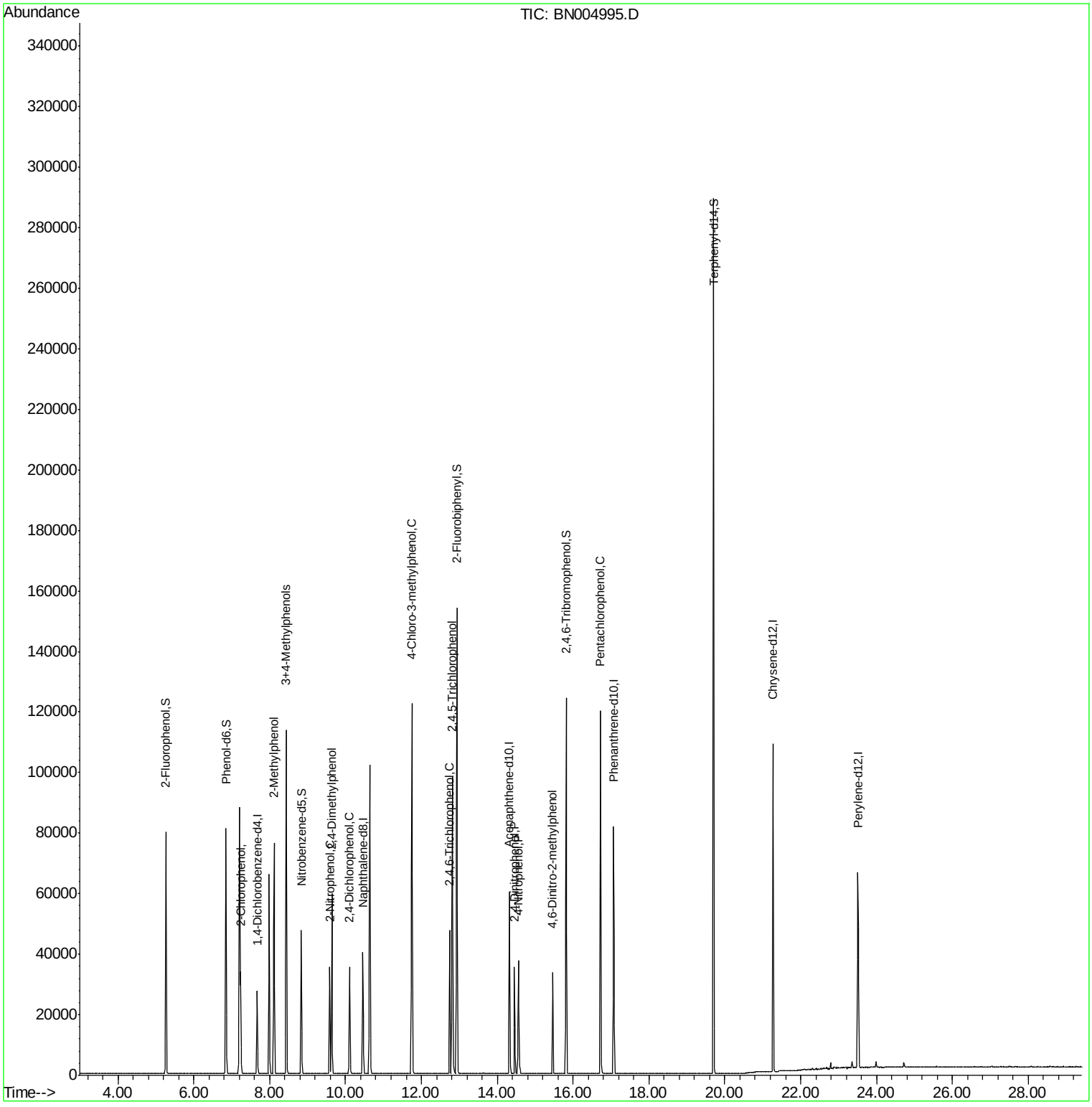
(#) = qualifier out of range (m) = manual integration (+) = signals summed

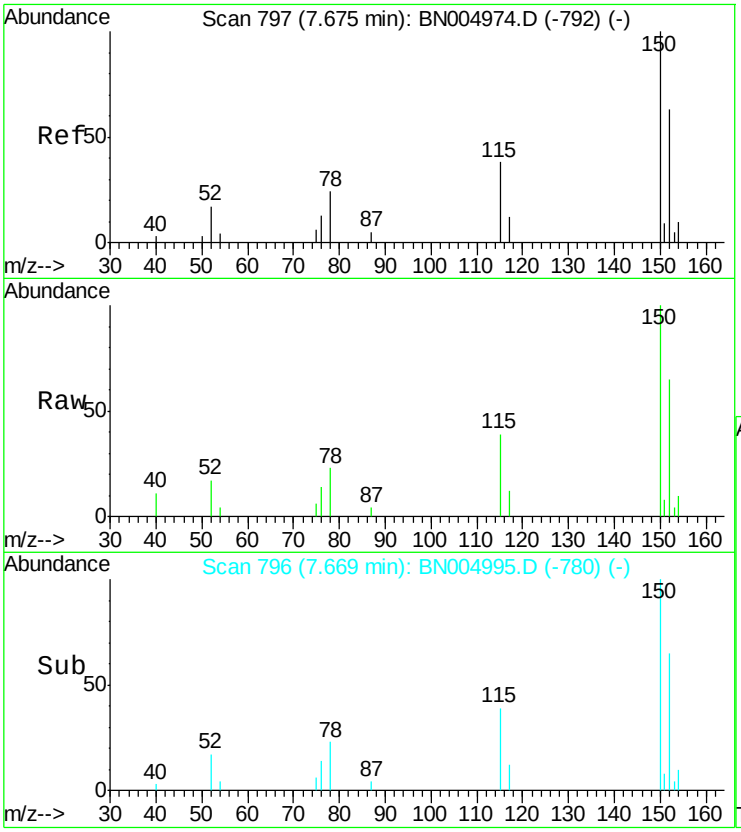
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
Data File : BN004995.D
Acq On : 27 Mar 2019 15:08
Operator : JU/SJ
Sample : K1825-06DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

Quant Time: Mar 28 05:13:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration



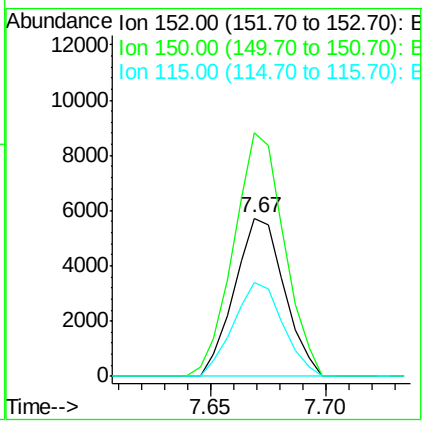


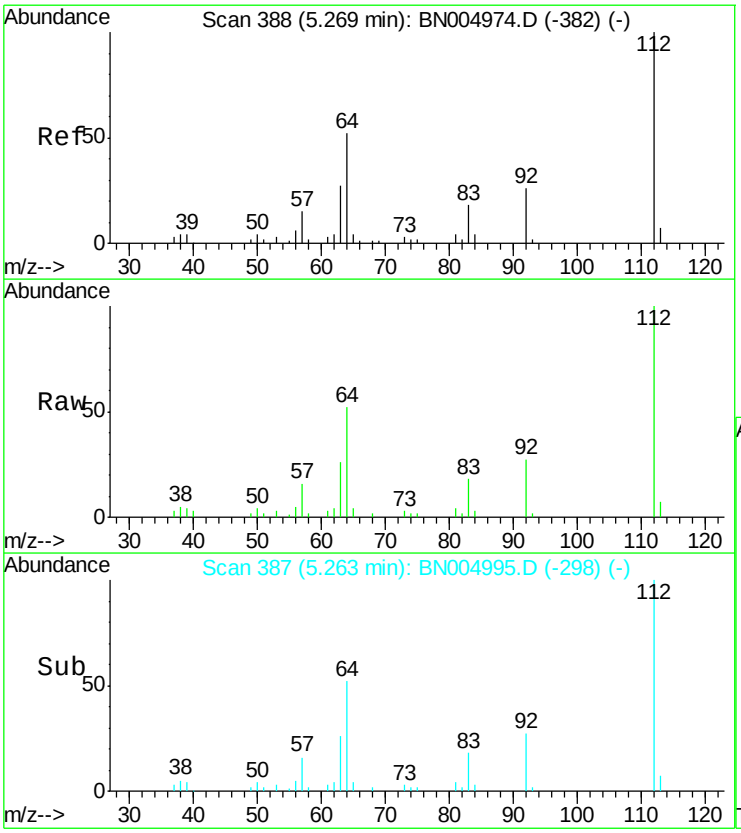
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:152 Resp: 8579

Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.9	190.3
115	59.7	47.8	71.6

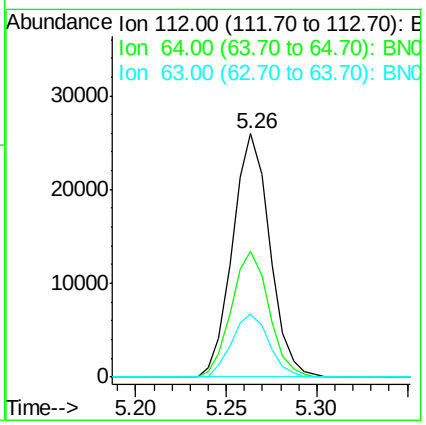


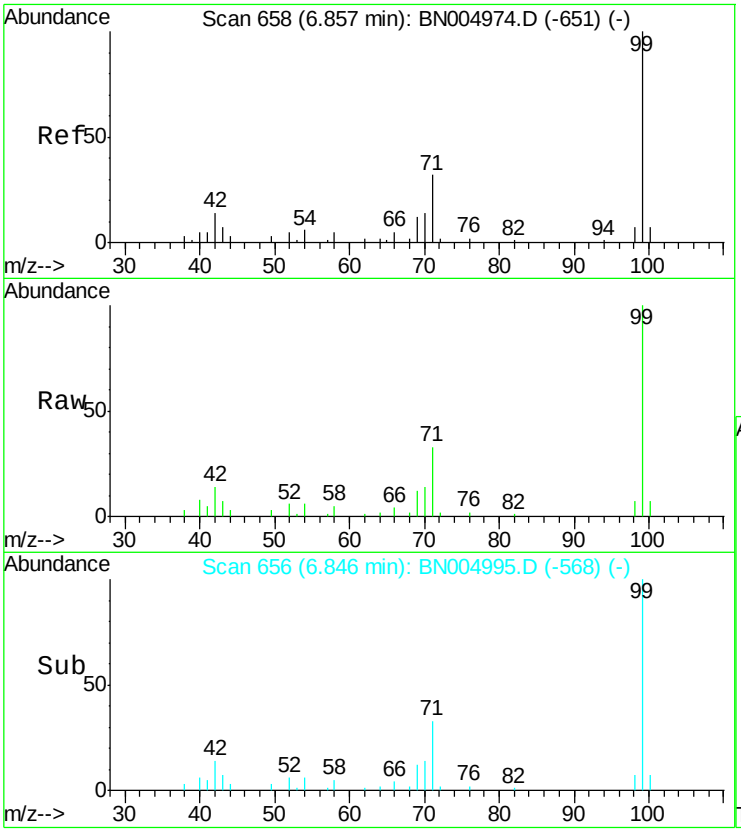


#5
2-Fluorophenol
Concen: 74.760 ng
RT: 5.26 min Scan# 387
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Tgt Ion:112 Resp: 37097

Ion	Ratio	Lower	Upper
112	100		
64	51.8	41.9	62.9
63	26.1	21.4	32.0



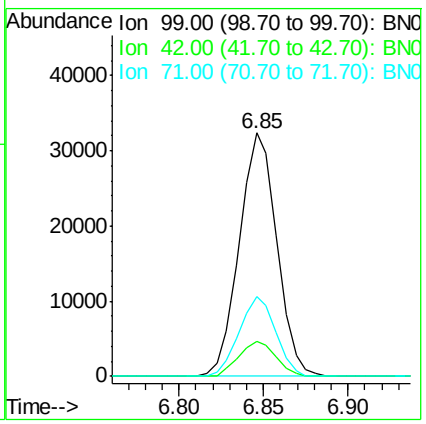


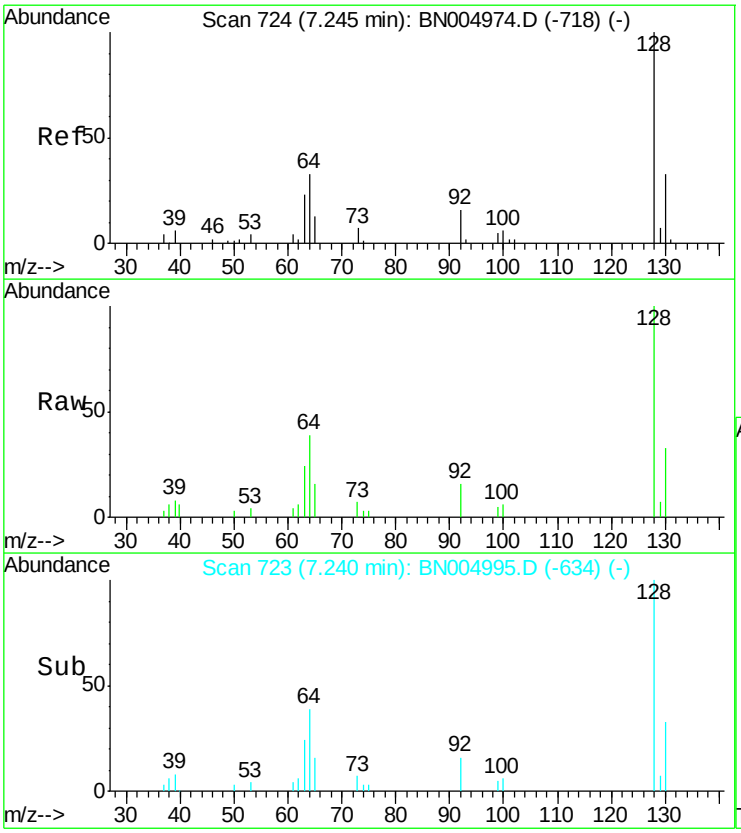
#7
Phenol-d6
Concen: 75.922 ng
RT: 6.85 min Scan# 656
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion: 99 Resp: 49968

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.4	17.0
71	32.6	25.8	38.8

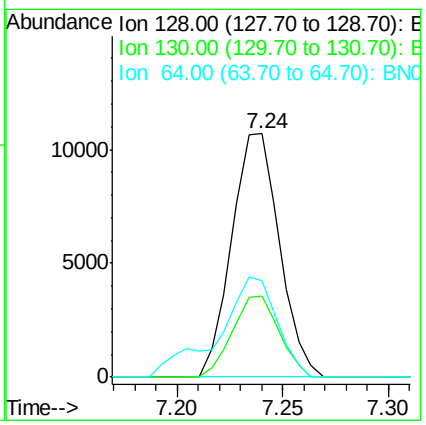


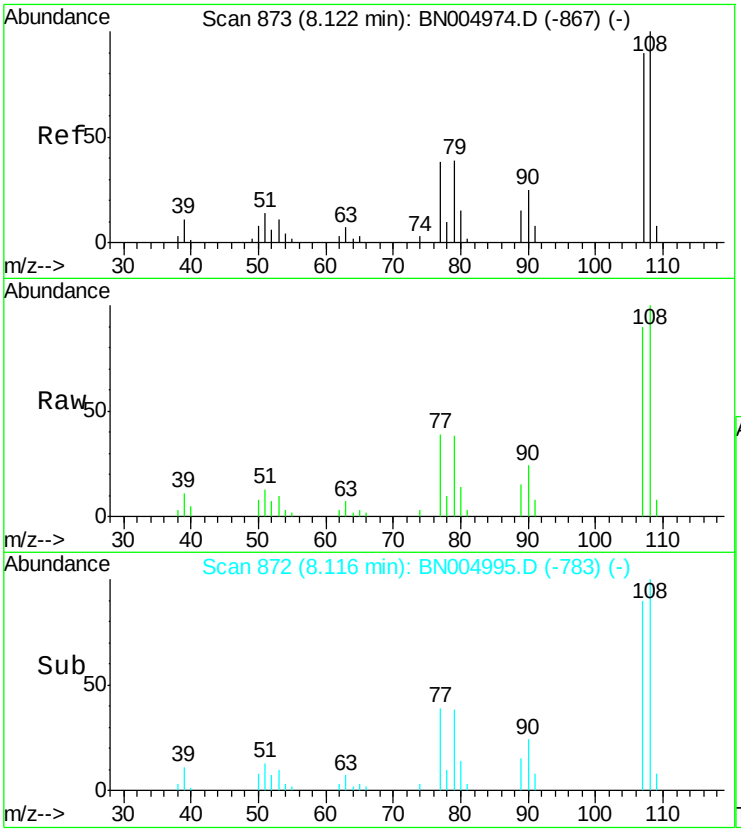


#8
2-Chlorophenol
Concen: 26.586 ng
RT: 7.24 min Scan# 723
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Tgt Ion:128 Resp: 16747

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.9	52.9
64	39.4	19.9	59.9



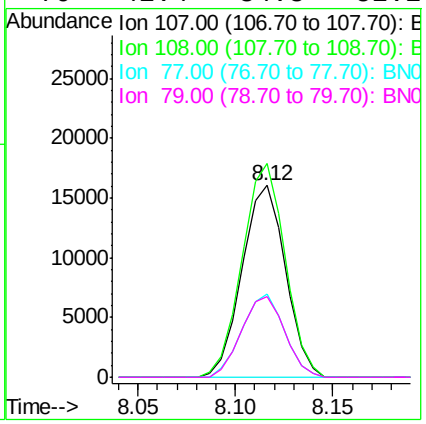


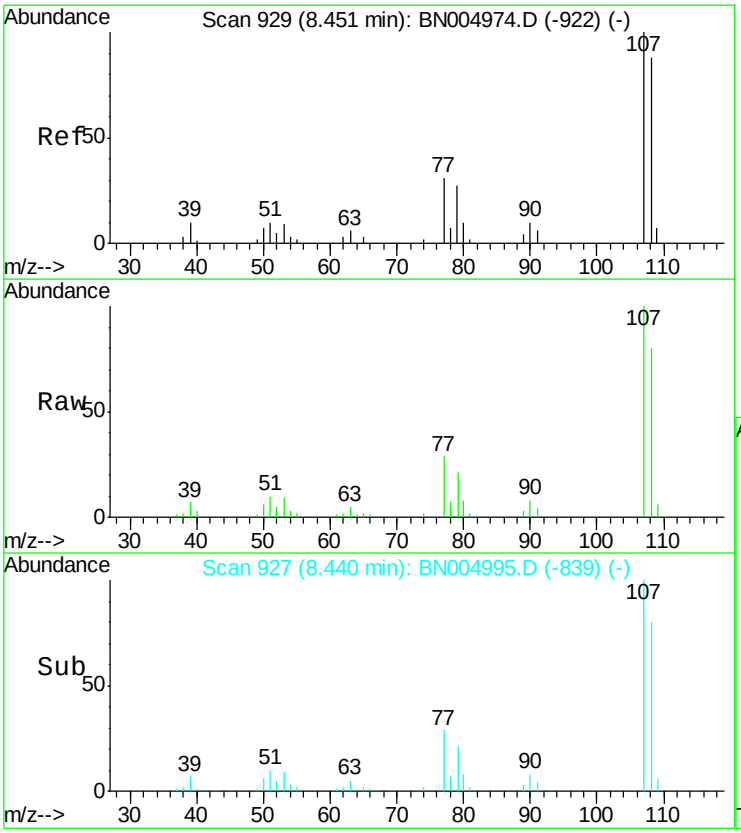
#17
2-Methylphenol
Concen: 50.238 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:107 Resp: 24699

Ion	Ratio	Lower	Upper
107	100		
108	111.4	88.8	133.2
77	43.6	34.2	51.2
79	42.4	34.8	52.2

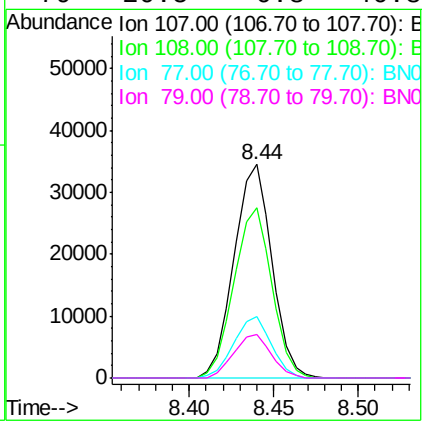


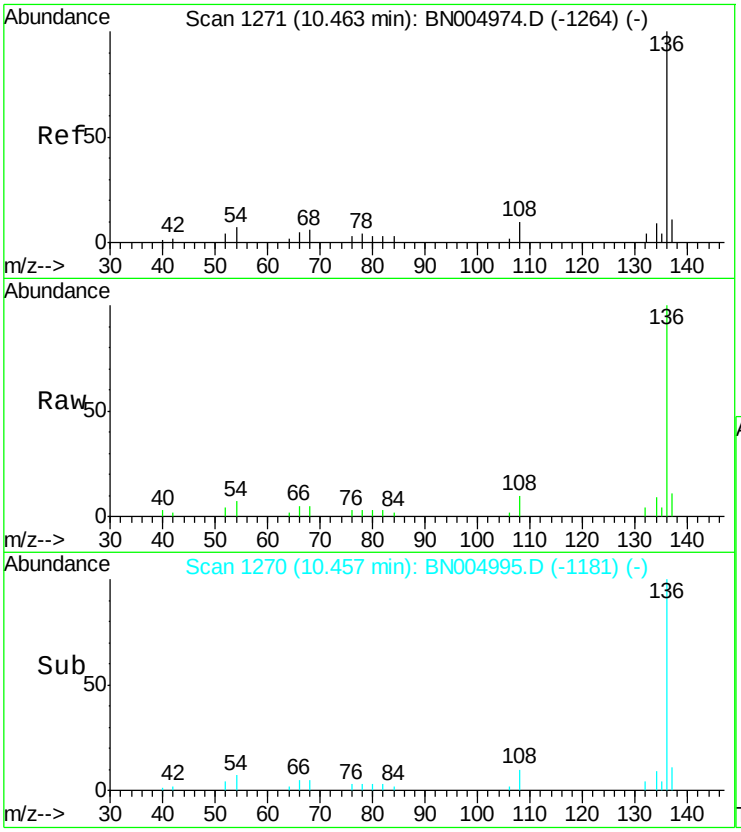


#20
3+4-Methylphenols
Concen: 80.845 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Tgt Ion:107 Resp: 53967

Ion	Ratio	Lower	Upper
107	100		
108	79.6	67.9	107.9
77	28.5	10.6	50.6
79	20.5	6.8	46.8



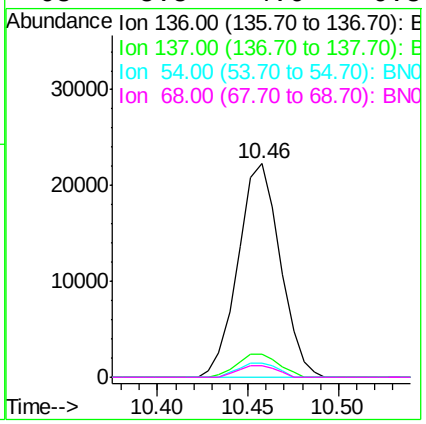


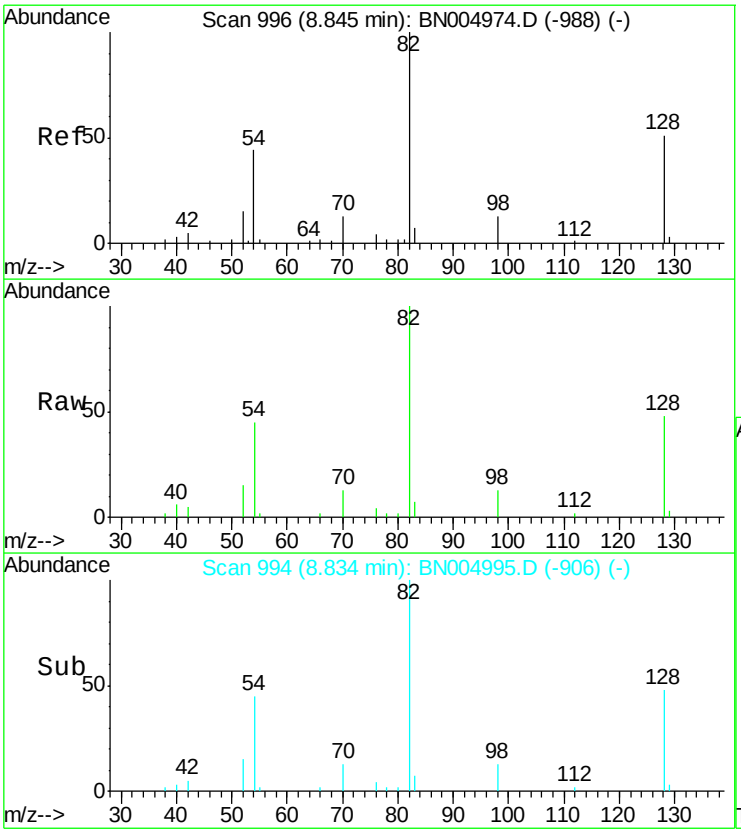
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:136 Resp: 36156

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.5	5.3	7.9
68	5.5	4.6	6.8

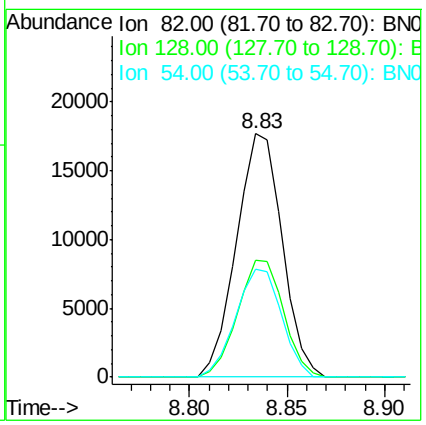


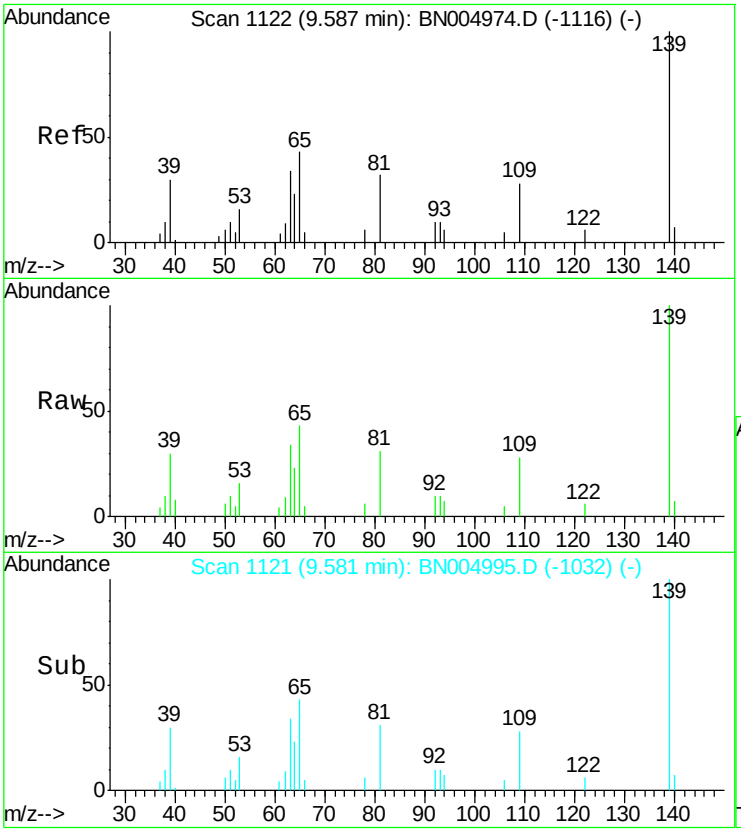


#23
Nitrobenzene-d5
Concen: 48.049 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Tgt Ion: 82 Resp: 28719

Ion	Ratio	Lower	Upper
82	100		
128	47.9	40.6	60.8
54	44.5	35.2	52.8



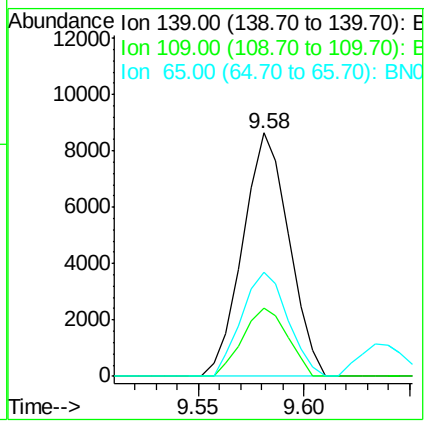


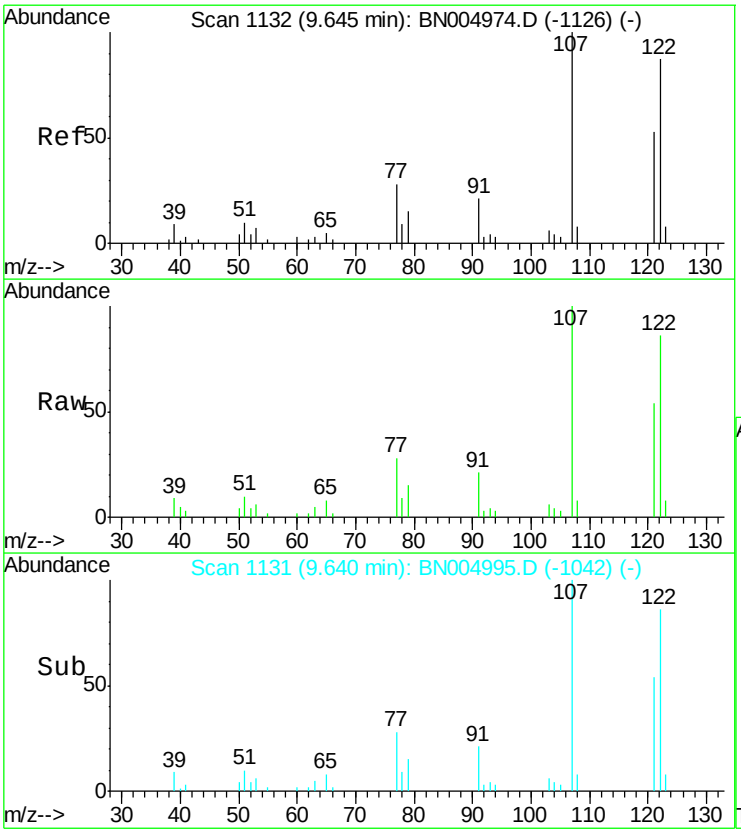
#26
2-Nitrophenol
Concen: 37.409 ng
RT: 9.58 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:139 Resp: 13139

Ion	Ratio	Lower	Upper
139	100		
109	28.2	22.5	33.7
65	42.7	34.2	51.4

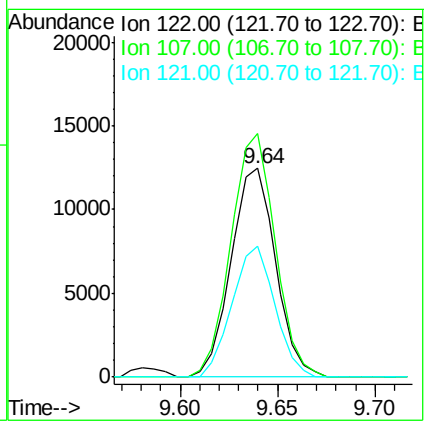


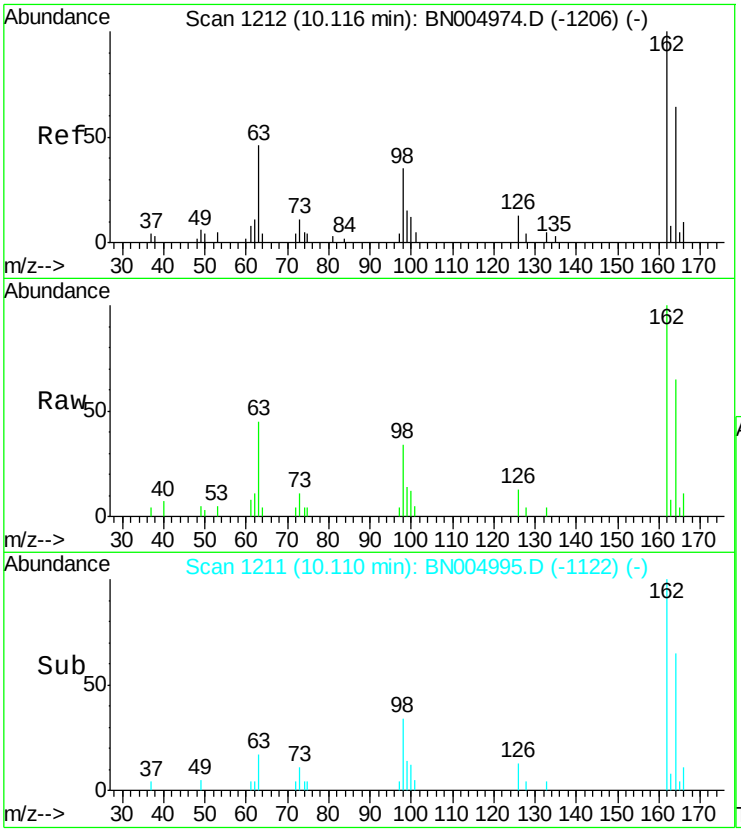


#27
2,4-Dimethylphenol
Concen: 40.342 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Tgt Ion:122 Resp: 19727

Ion	Ratio	Lower	Upper
122	100		
107	116.6	91.6	137.4
121	62.4	48.2	72.2



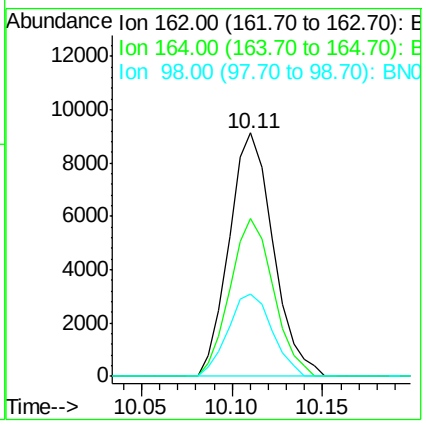


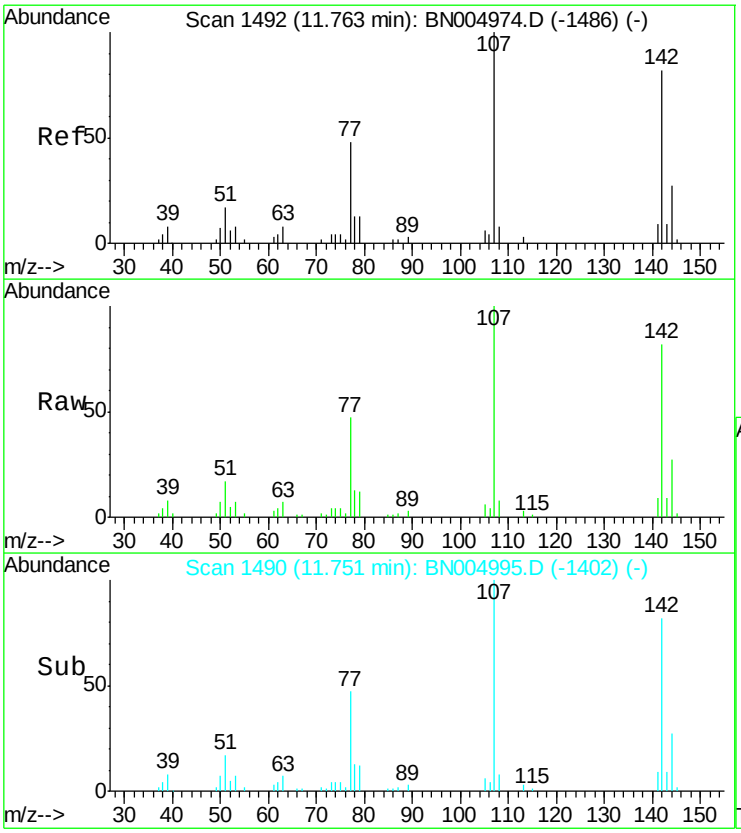
#29
2,4-Dichlorophenol
Concen: 27.496 ng
RT: 10.11 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:162 Resp: 15453

Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.3	84.3
98	33.9	15.3	55.3

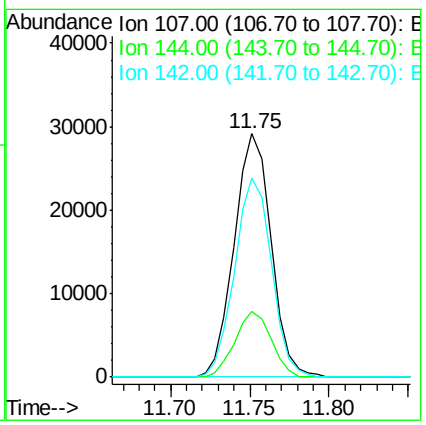


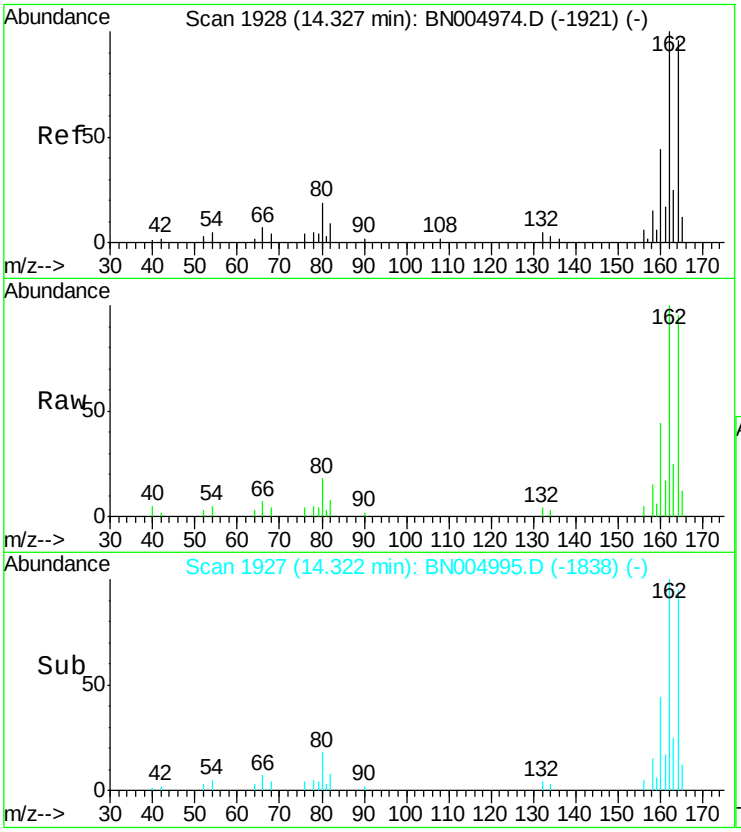


#36
4-Chloro-3-methylphenol
Concen: 77.623 ng
RT: 11.75 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Tgt Ion:107 Resp: 47127

Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.3	31.9
142	81.6	65.8	98.8



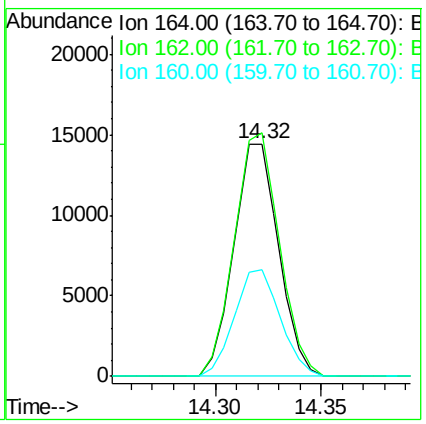


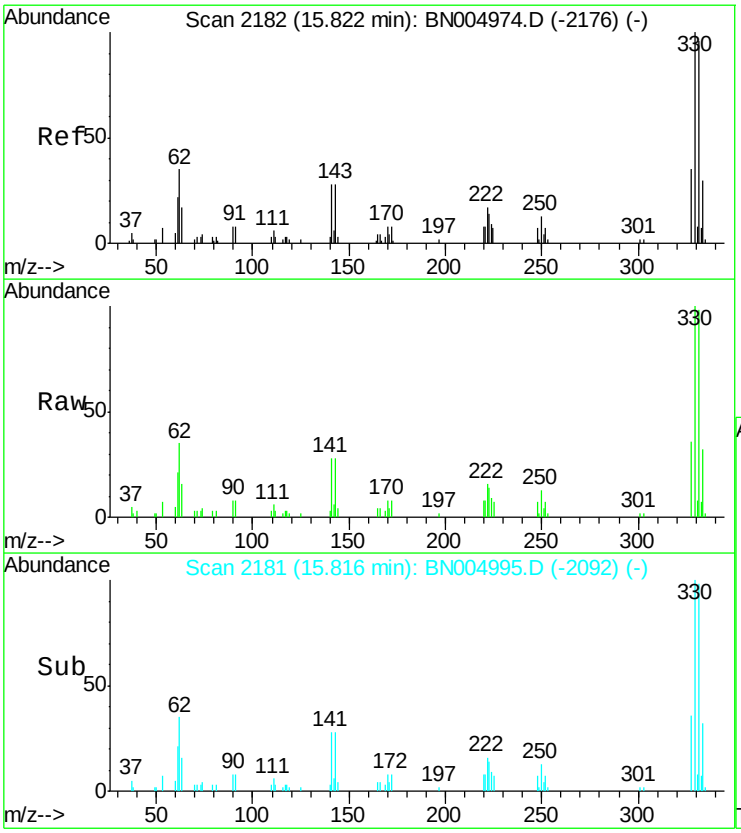
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:164 Resp: 21265

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.4	125.0
160	46.2	36.6	55.0

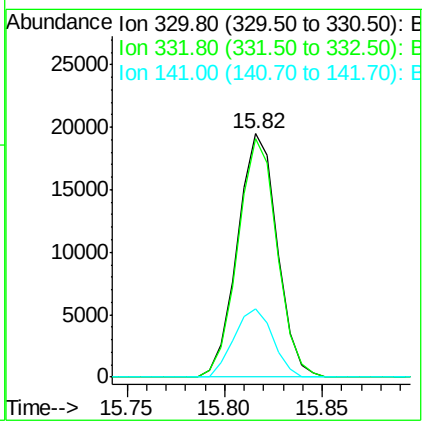


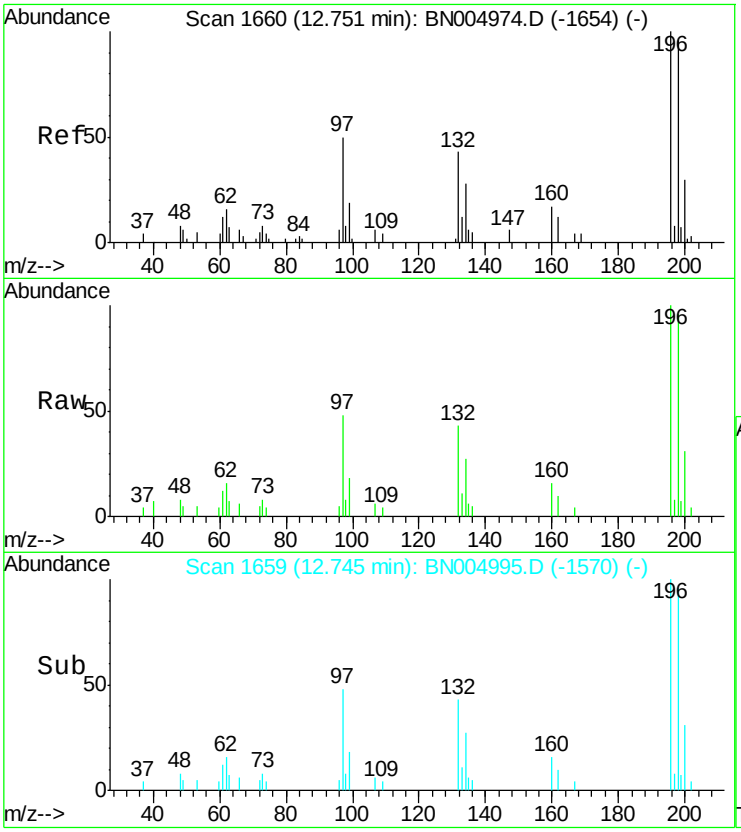


#42
2,4,6-Tribromophenol
Concen: 80.087 ng
RT: 15.82 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Tgt Ion:330 Resp: 27467

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	27.4	22.1	33.1



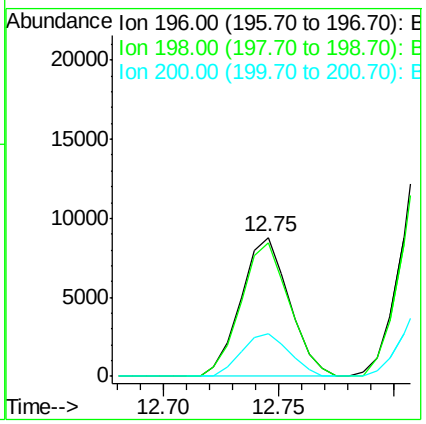


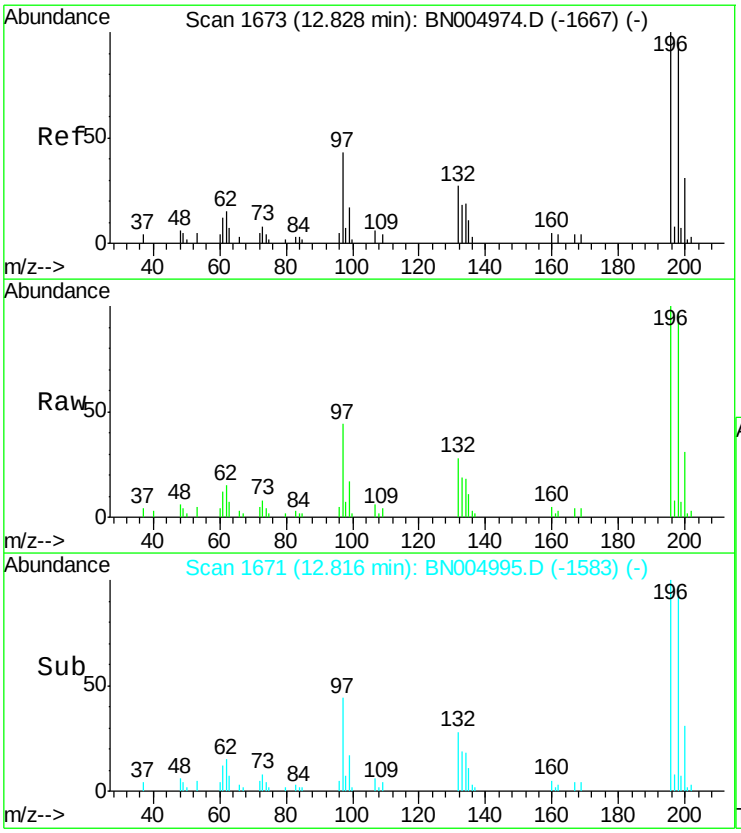
#43
2,4,6-Trichlorophenol
Concen: 27.435 ng
RT: 12.75 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:196 Resp: 12840

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.5	114.7
200	30.9	24.0	36.0

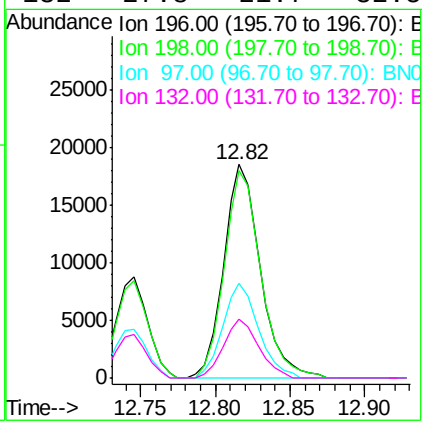


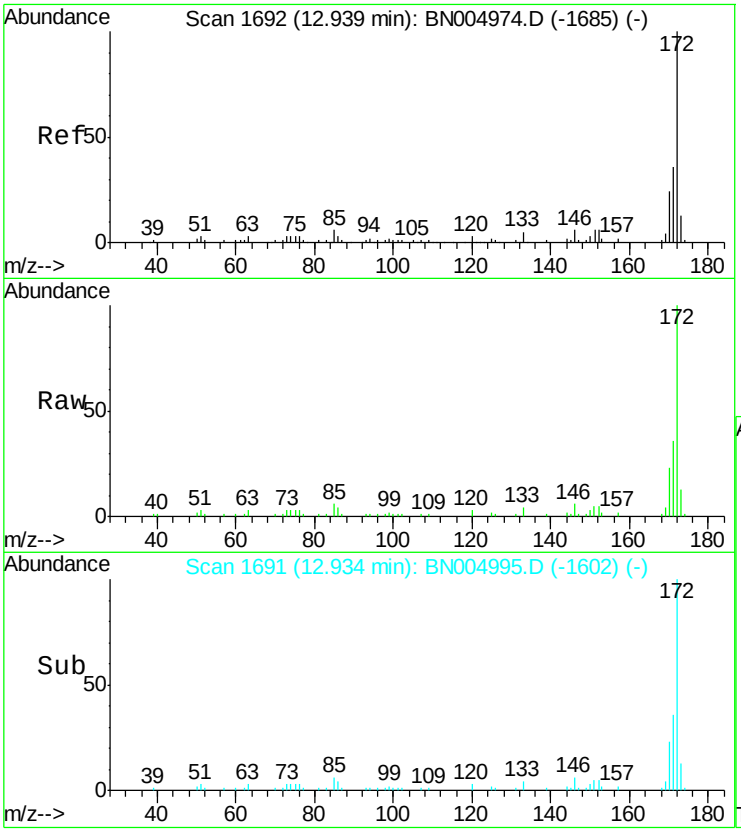


#44
2,4,5-Trichlorophenol
Concen: 62.480 ng
RT: 12.82 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Tgt Ion:196 Resp: 31856

Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.1	114.1
97	44.3	34.8	52.2
132	27.8	21.7	32.5



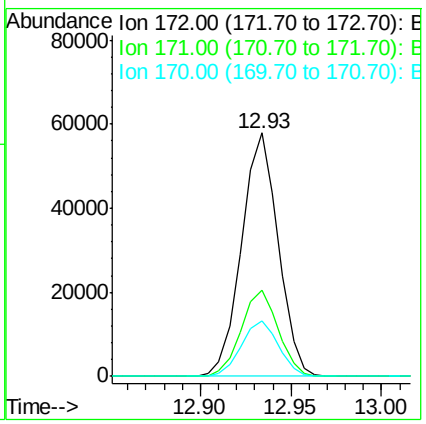


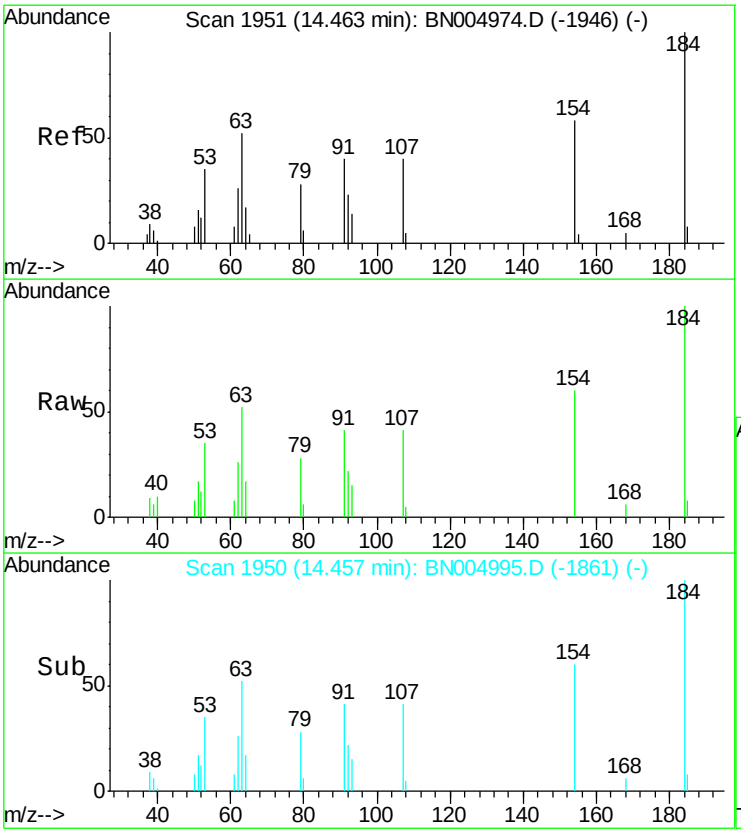
#45
2-Fluorobiphenyl
Concen: 50.645 ng
RT: 12.93 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:172 Resp: 81272

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	22.8	18.9	28.3

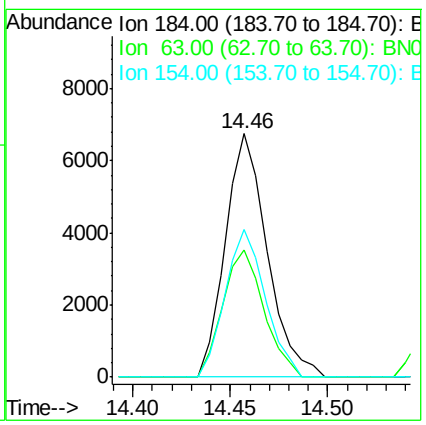


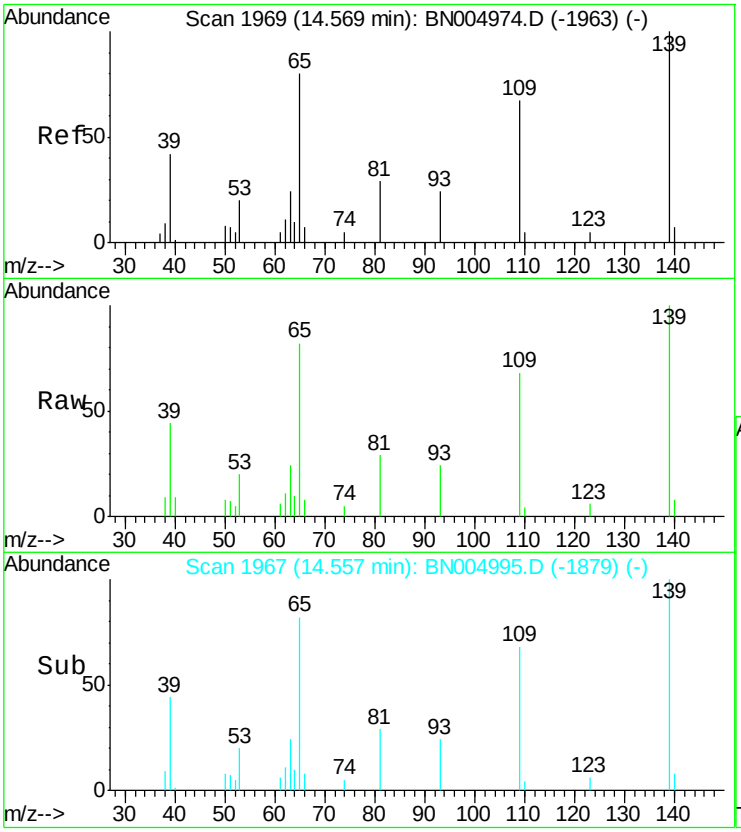


#54
2,4-Dinitrophenol
Concen: 45.603 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Tgt Ion:184 Resp: 10005

Ion	Ratio	Lower	Upper
184	100		
63	52.3	41.6	62.4
154	60.4	46.8	70.2



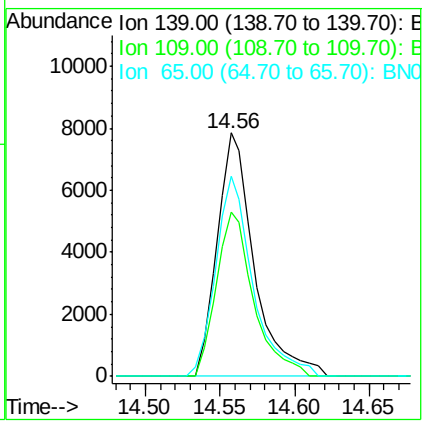


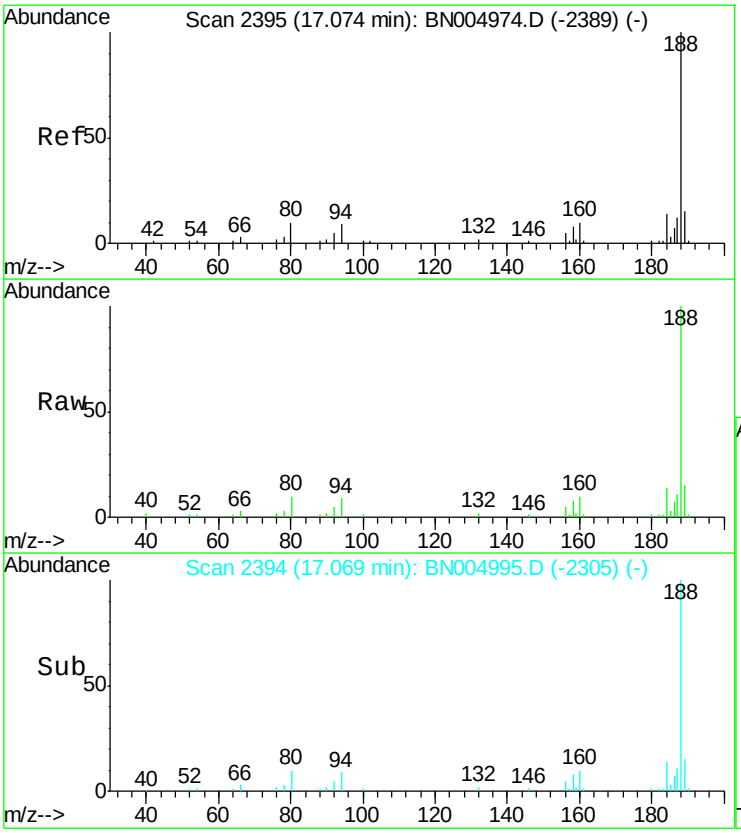
#56
4-Nitrophenol
Concen: 42.941 ng
RT: 14.56 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:139 Resp: 13745

Ion	Ratio	Lower	Upper
139	100		
109	67.6	46.5	86.5
65	82.0	59.5	99.5

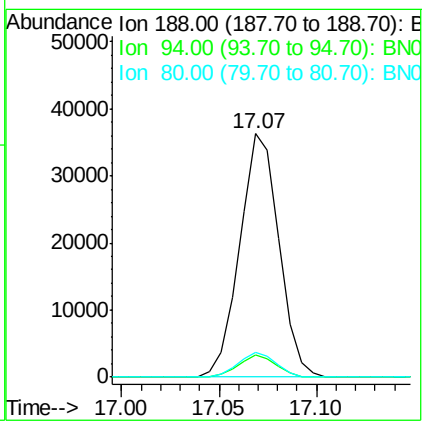


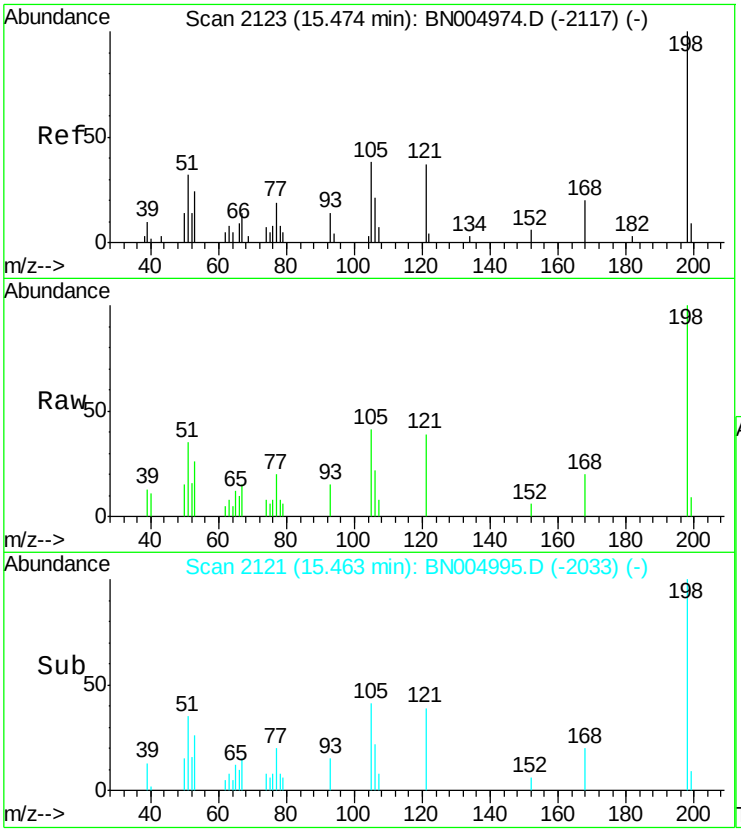


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Tgt Ion:188 Resp: 50340

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.1	7.8	11.6



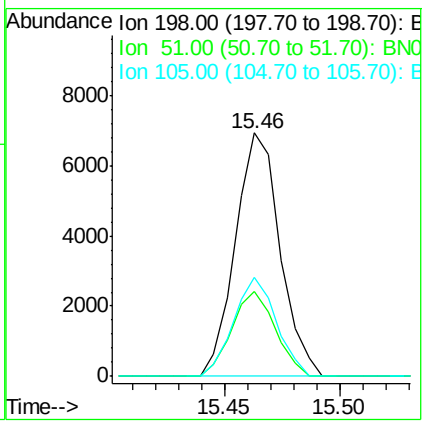


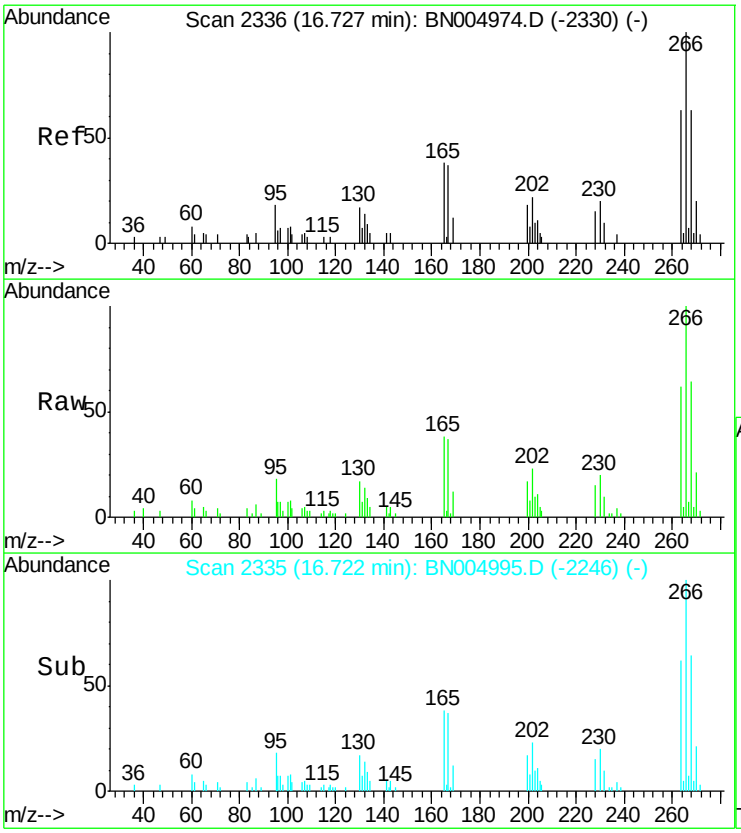
#65
4,6-Dinitro-2-methylphenol
Concen: 28.914 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:198 Resp: 9331

Ion	Ratio	Lower	Upper
198	100		
51	34.9	12.0	52.0
105	40.8	17.6	57.6

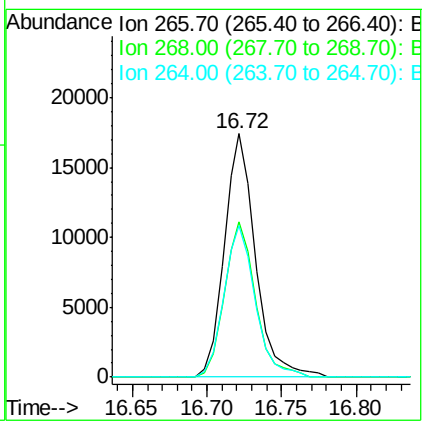


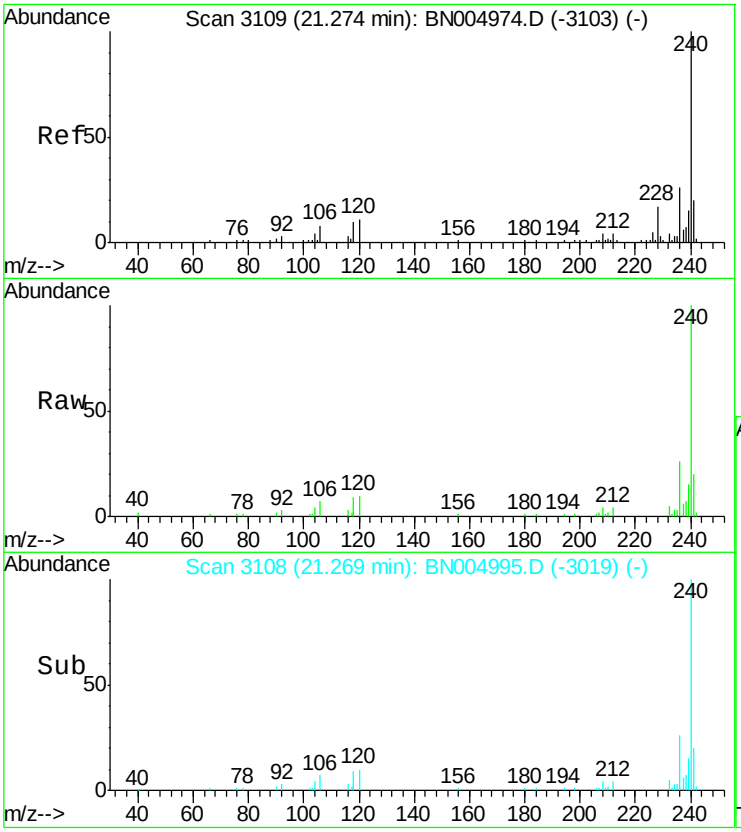


#70
Pentachlorophenol
Concen: 65.772 ng
RT: 16.72 min Scan# 2335
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Tgt Ion:266 Resp: 25451

Ion	Ratio	Lower	Upper
266	100		
268	63.7	50.8	76.2
264	62.3	50.0	75.0



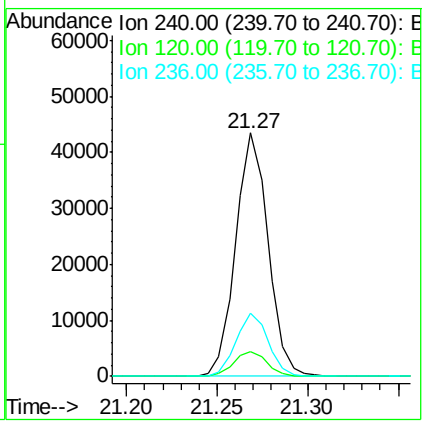


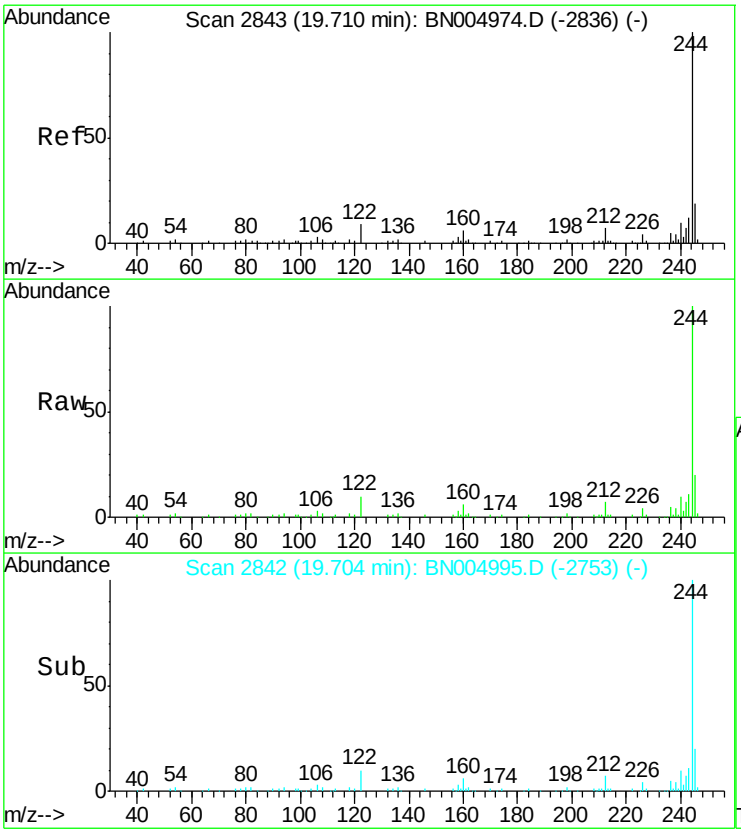
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:240 Resp: 54056

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.5	12.7
236	26.1	21.2	31.8

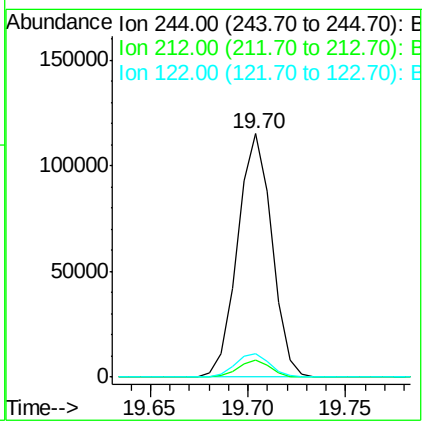


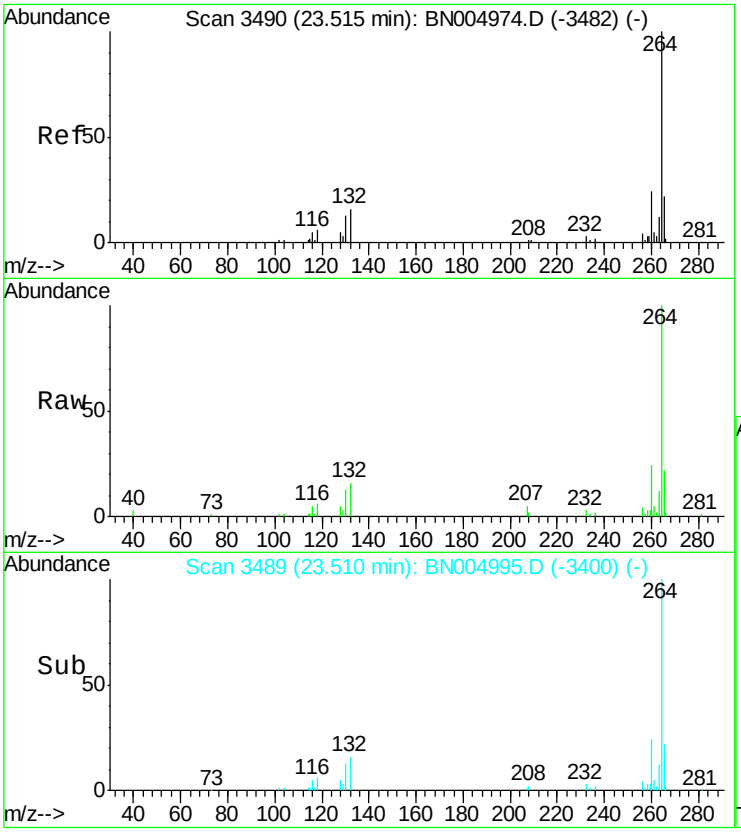


#79
Terphenyl-d14
Concen: 49.794 ng
RT: 19.70 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Tgt Ion:244 Resp: 139809

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.8	7.4	11.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BN004995.D
Acq: 27 Mar 2019 15:08

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:264 Resp: 52430

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.7	17.2	25.8