Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040820\
Data File : BF119874.D
Acq On : 9 Apr 2020 17:24
Operator : MA/SJ
Sample : L2102-01RE
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-46-MEDIANRE

Quant Time: Apr 10 01:06:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 01:21:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	106350	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	378995	20.00	ng		0.00
39) Acenaphthene-d10	9.81	164	175426	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	282941	20.00	ng		0.00
76) Chrysene-d12	13.93	240	202232	20.00	ng		0.00
87) Perylene-d12	15.37	264	172032	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1649388	268.02	ng		0.02
7) Phenol-d6	6.41	99	2123720	267.82	ng		0.00
23) Nitrobenzene-d5	7.34	82	1359215	185.54	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	455647	212.14	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	2465970	199.58	ng		0.00
79) Terphenyl-d14	12.89	244	1968317	163.77	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.32	77	370	Below Cal			88
15) Benzyl Alcohol	6.93	79	23249	3.77	ng	#	50
19) n-Nitroso-di-n-propylamine	7.34	70	183151	35.92	ng	#	74
25) Isophorone	7.34	82	1353920	95.87	ng	#	65
50) Dimethylphthalate	9.52	163	242987	17.91	ng		99
57) 2,4-Dinitrotoluene	9.81	165	22245	5.68	ng	#	22
67) 4-Bromophenyl-phenylether	10.60	248	26628	7.57	ng	#	1
89) Benzo(k)fluoranthene	14.96	252	22730	2.13	ng	#	39

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040820\
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Operator : MA/SJ
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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIANRE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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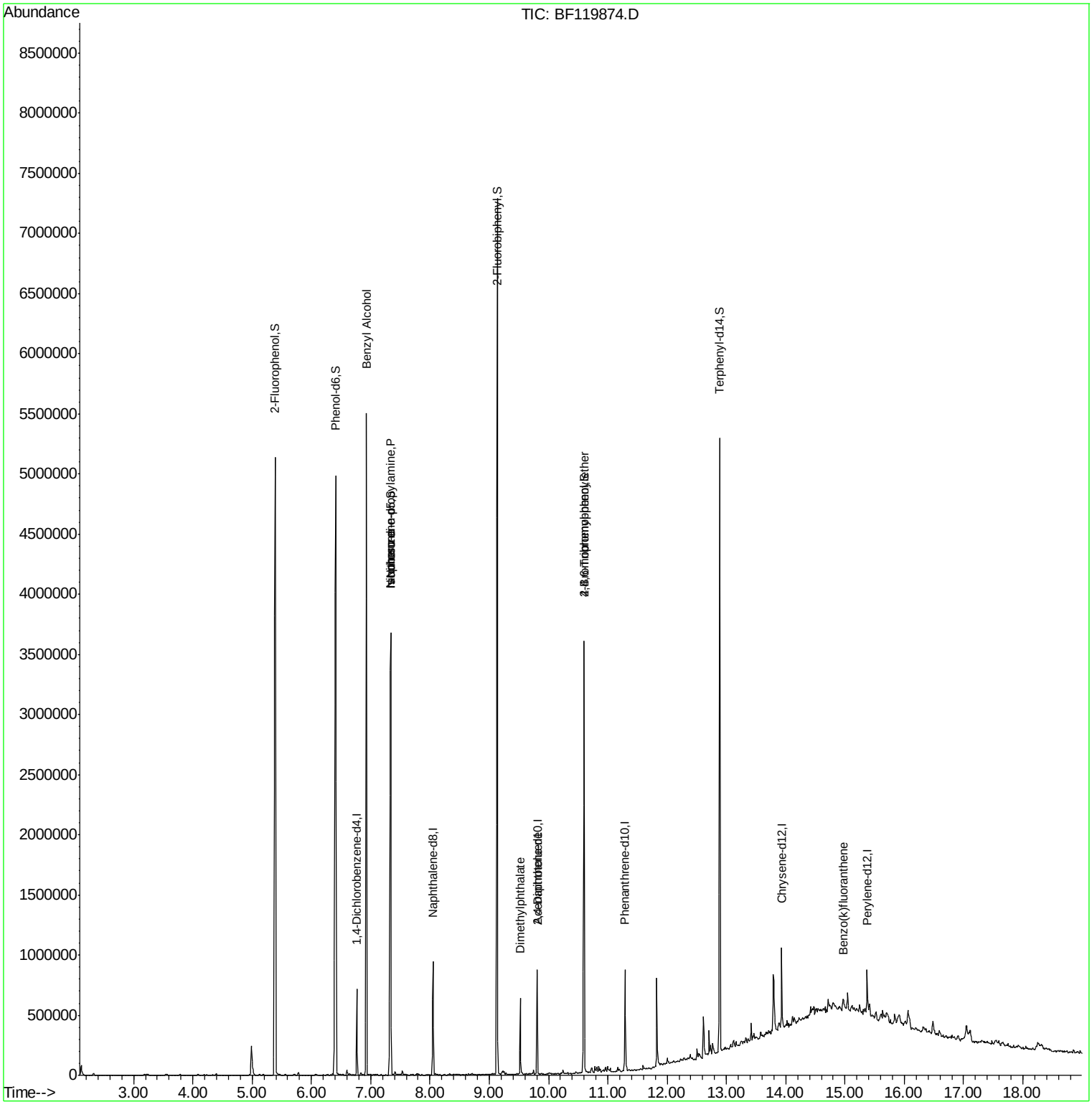
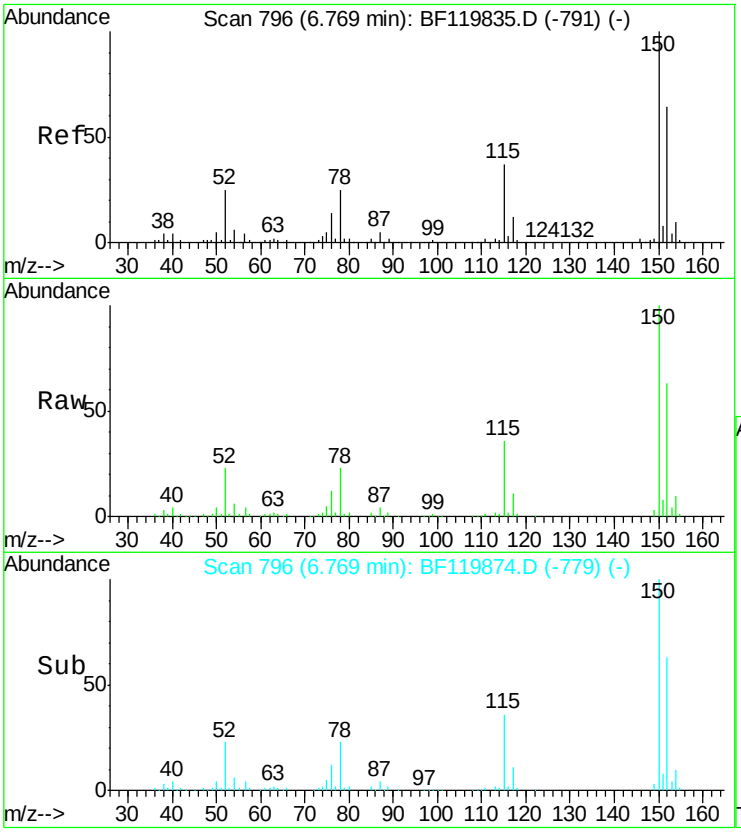


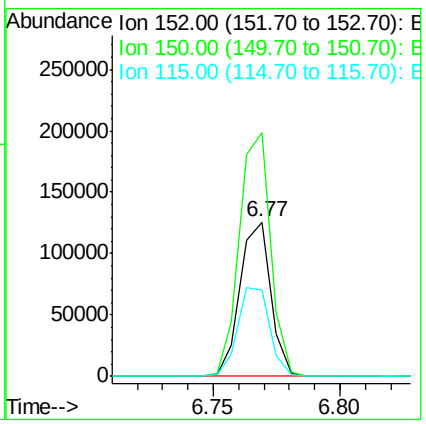


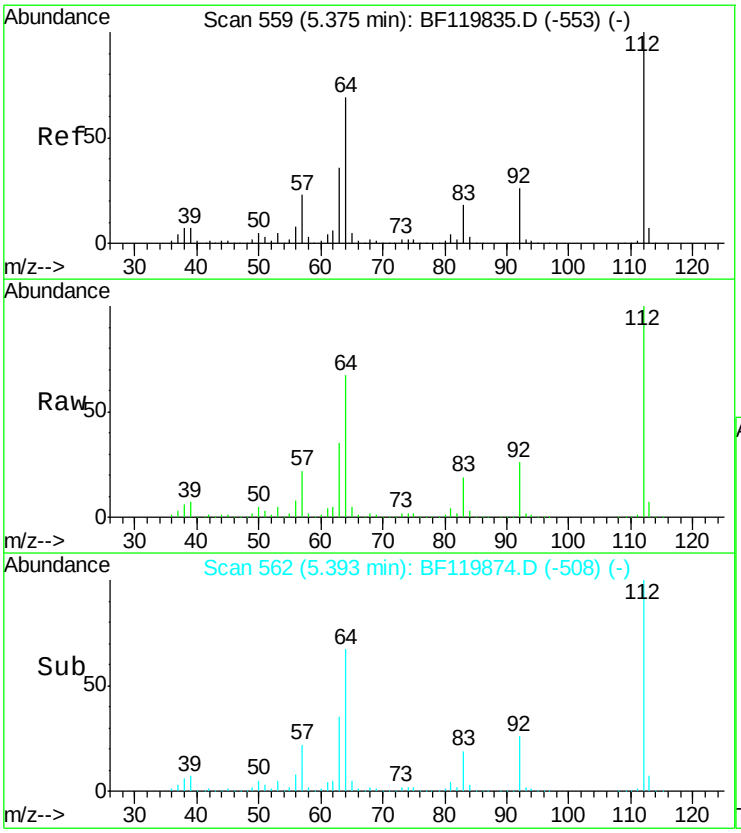
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIANRE

Tgt Ion:152 Resp: 106350

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.8	187.2
115	56.2	46.5	69.7

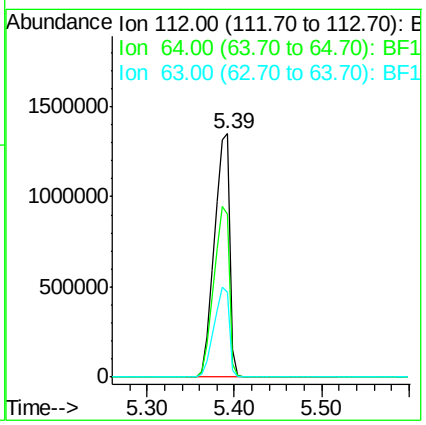


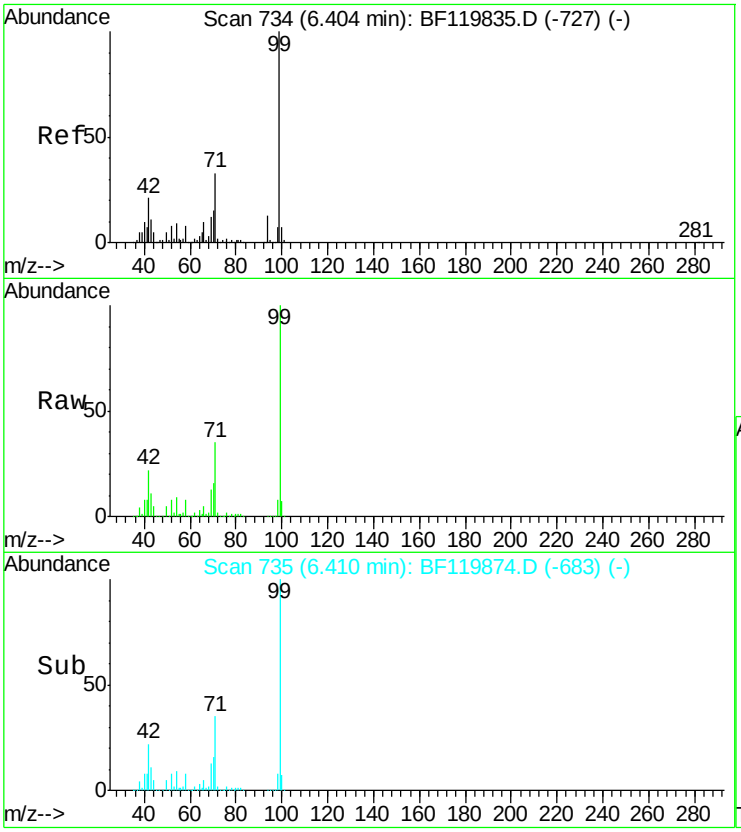


#5
2-Fluorophenol
Concen: 268.02 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.02 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Tgt Ion:112 Resp: 1649388

Ion	Ratio	Lower	Upper
112	100		
64	67.1	55.5	83.3
63	34.7	29.1	43.7



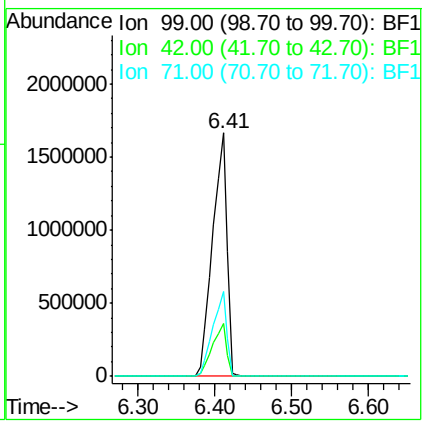


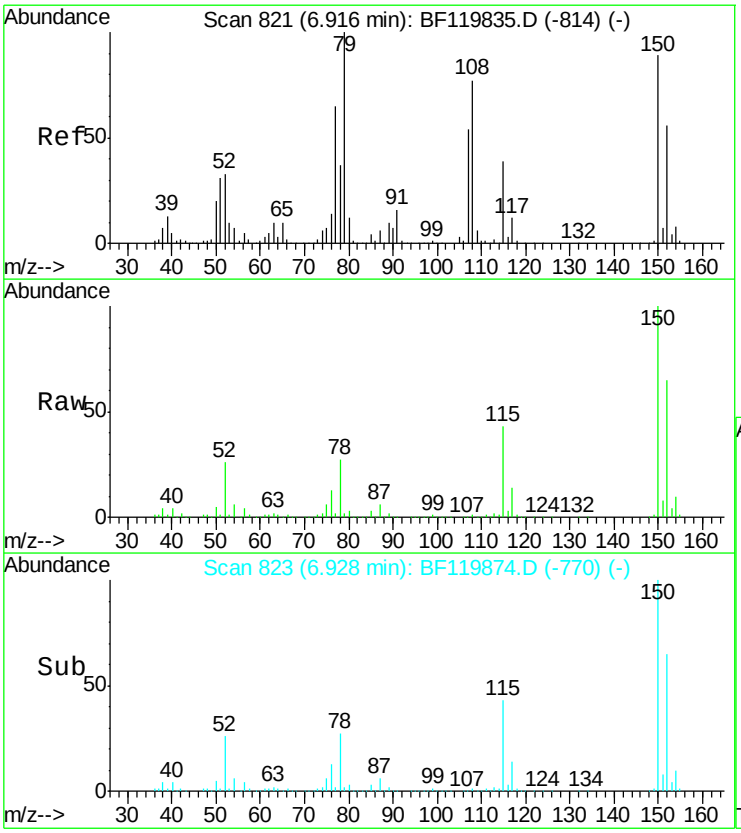
#7
Phenol-d6
Concen: 267.82 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIANRE

Tgt Ion: 99 Resp: 2123720

Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.9	25.3
71	34.8	26.3	39.5

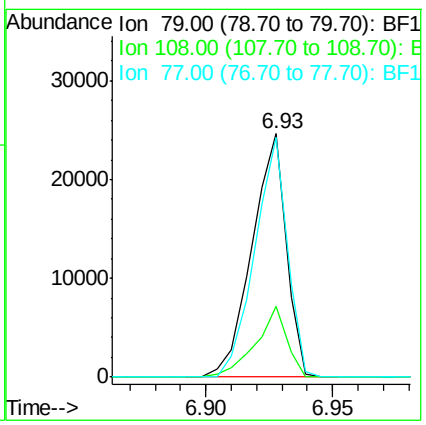


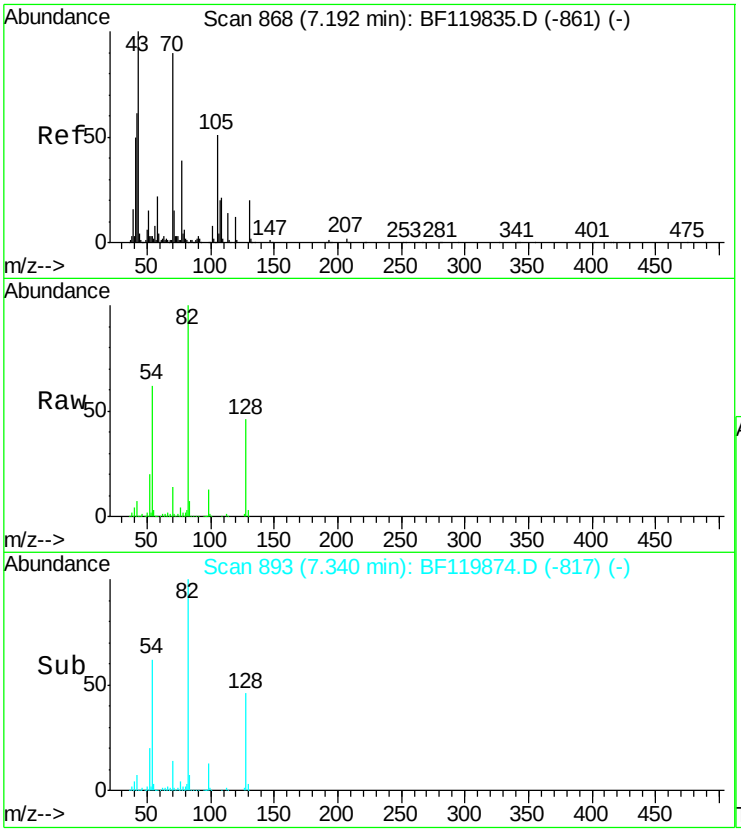


#15
Benzyl Alcohol
Concen: 3.77 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Tgt Ion: 79 Resp: 23249

Ion	Ratio	Lower	Upper
79	100		
108	29.1	62.0	93.0#
77	98.4	51.8	77.6#



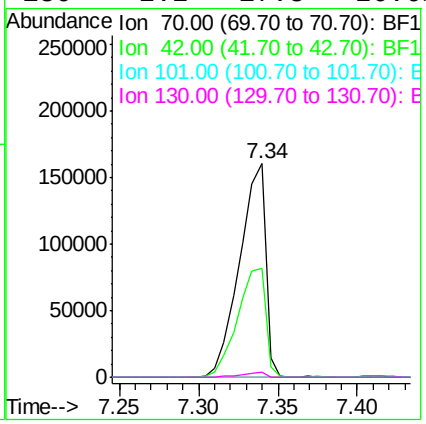


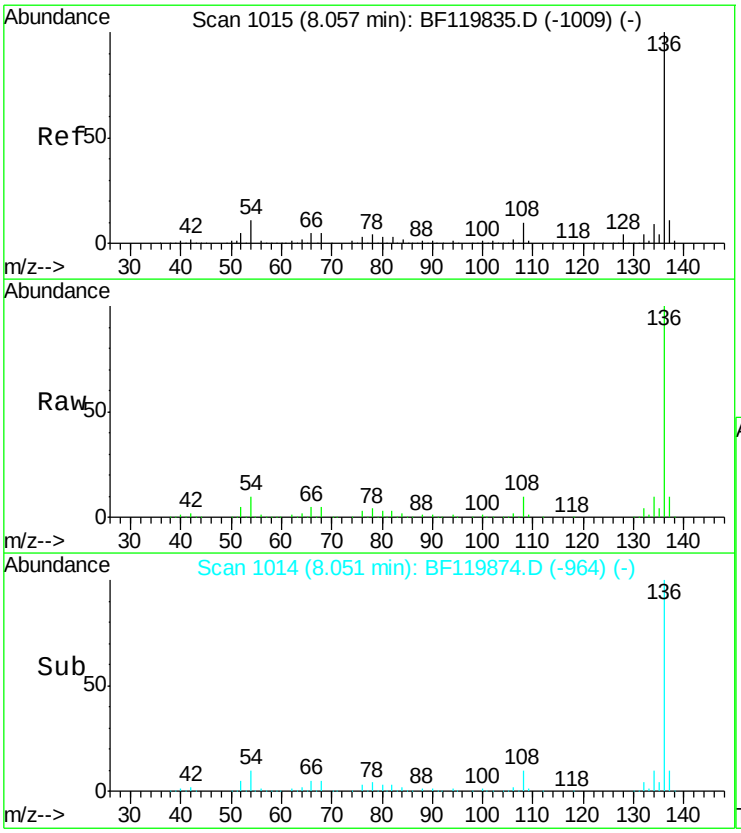
#19
n-Nitroso-di-n-propylamine
Concen: 35.92 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.15 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIANRE

Tgt Ion: 70 Resp: 183151

Ion	Ratio	Lower	Upper
70	100		
42	51.0	54.2	81.4#
101	0.0	7.4	11.2#
130	2.2	17.8	26.6#

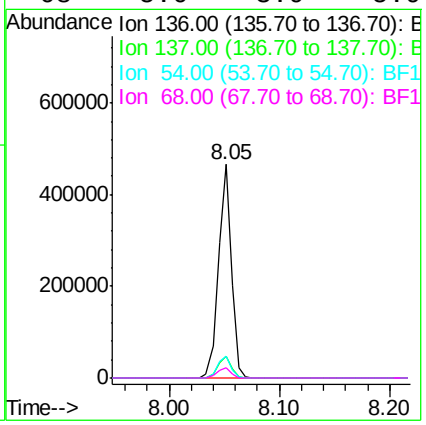


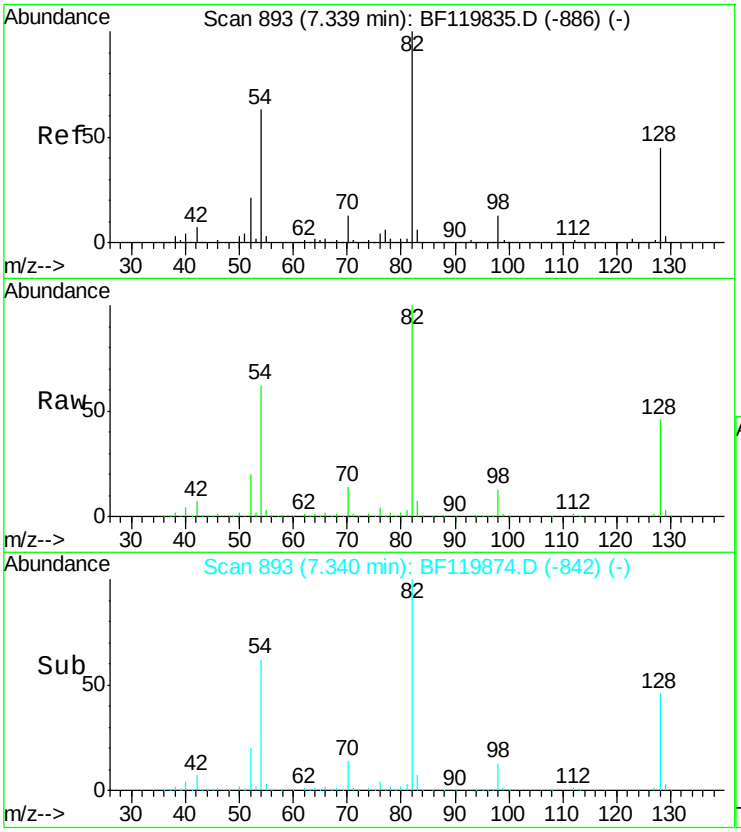


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Tgt Ion:136 Resp: 378995

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	10.2	8.5	12.7
68	5.0	3.9	5.9



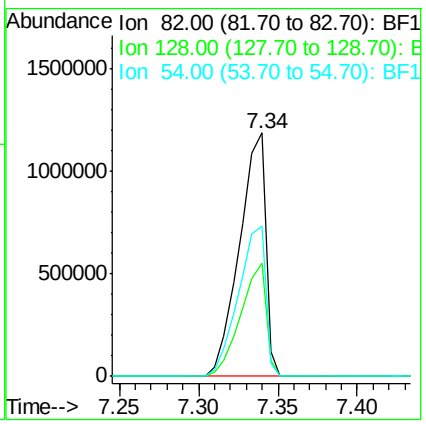


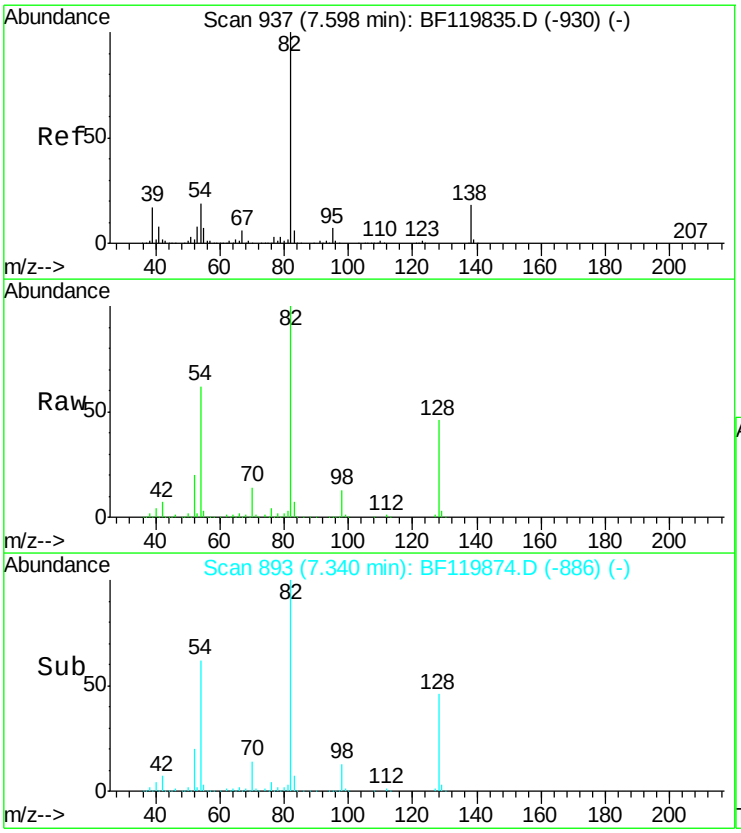
#23
Nitrobenzene-d5
Concen: 185.54 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIANRE

Tgt Ion: 82 Resp: 1359215

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.2	54.4
54	61.7	50.4	75.6

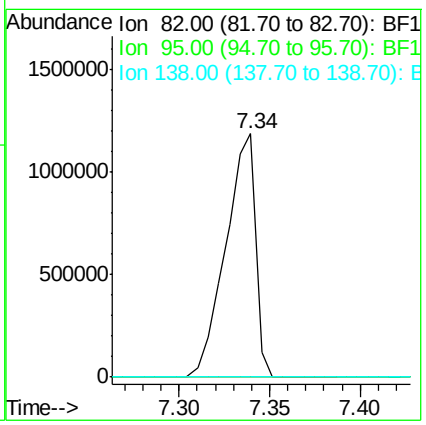


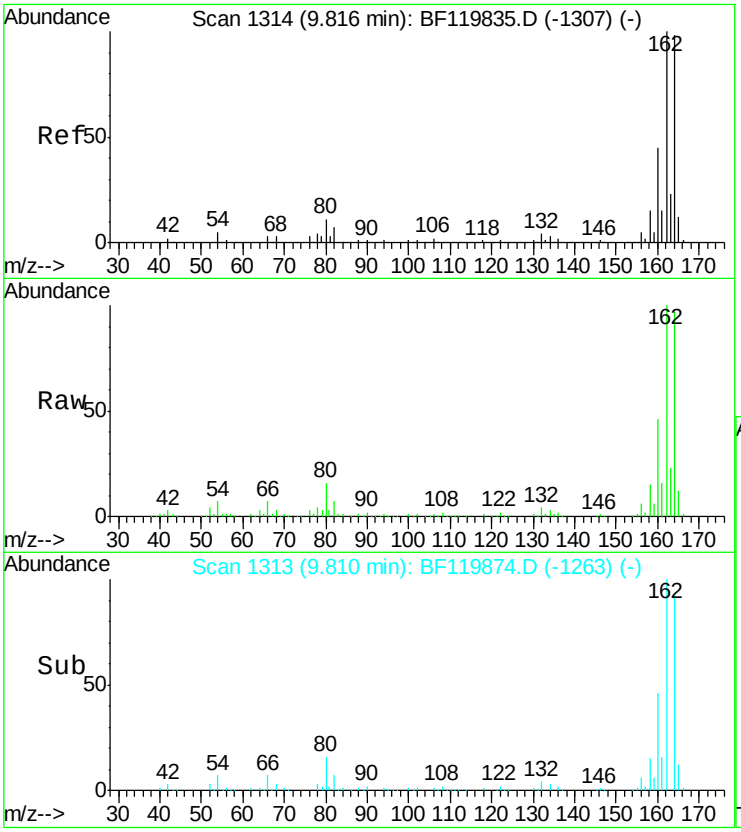


#25
Isophorone
Concen: 95.87 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.26 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Tgt Ion: 82 Resp: 1353920

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.5	21.7#



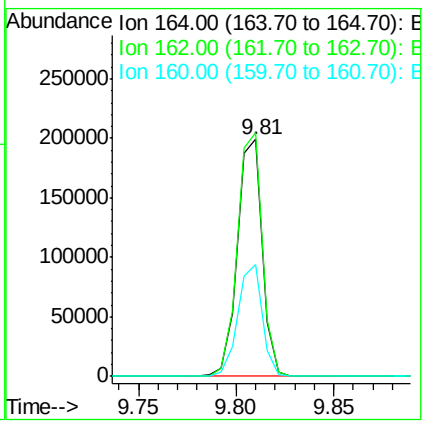


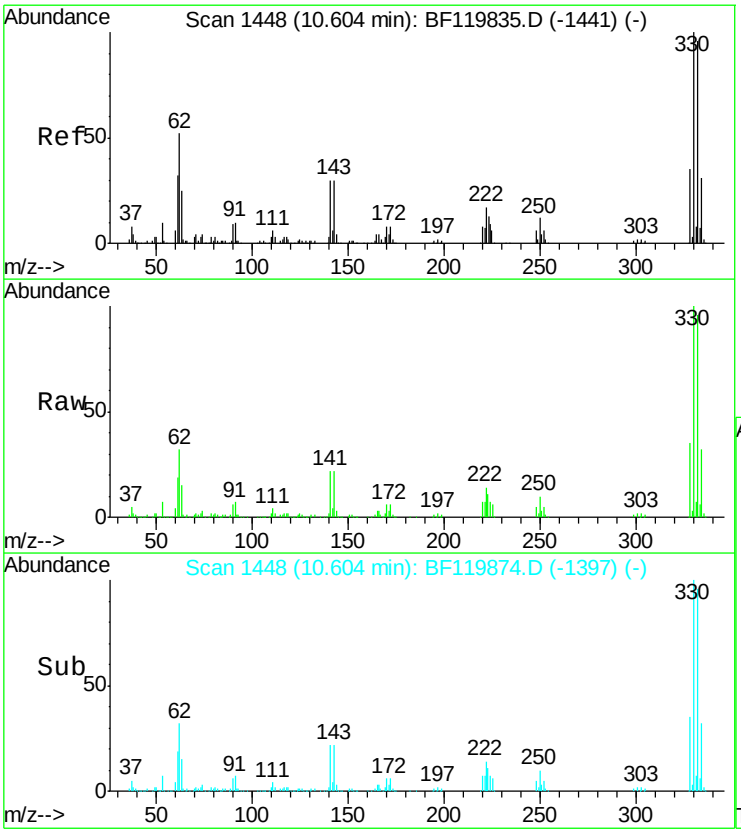
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIANRE

Tgt Ion:164 Resp: 175426

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.9	122.9
160	47.2	36.6	54.8

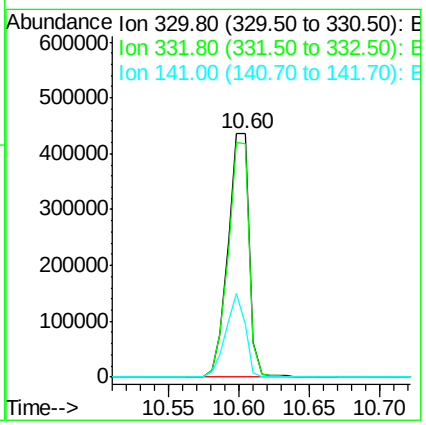


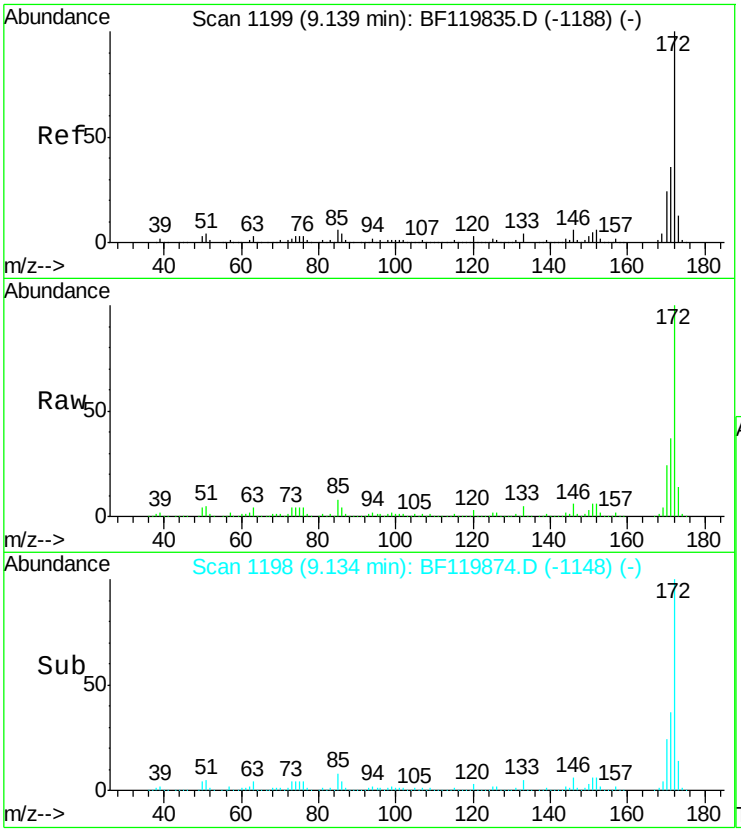


#42
2,4,6-Tribromophenol
Concen: 212.14 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Tgt Ion:330 Resp: 455647

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	31.5	25.1	37.7



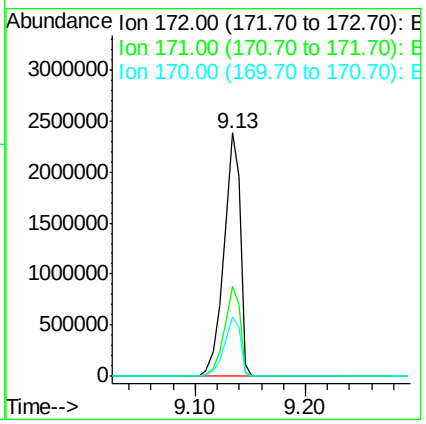


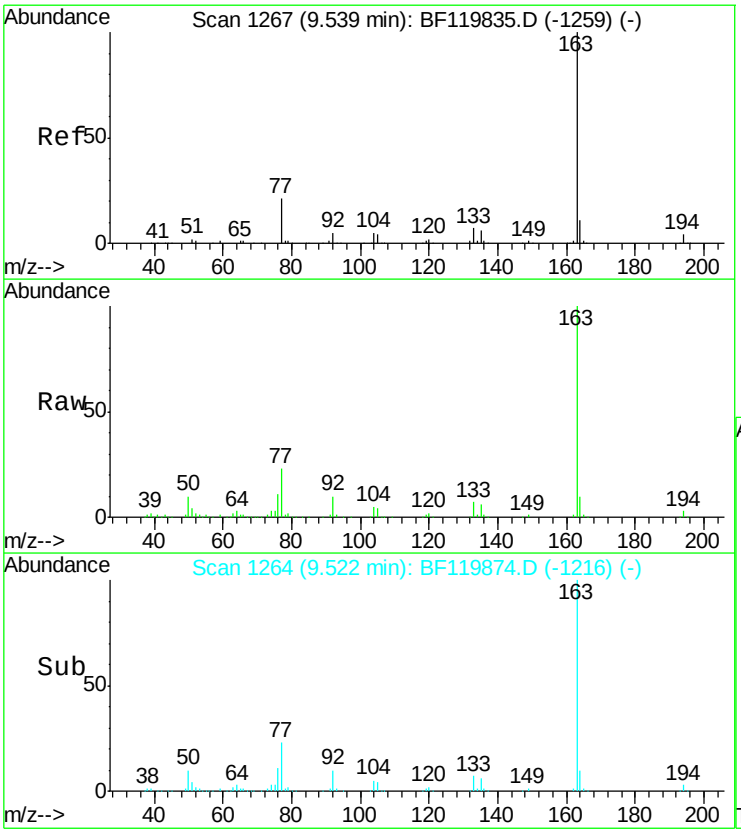
#45
2-Fluorobiphenyl
Concen: 199.58 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIANRE

Tgt Ion:172 Resp: 2465970

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.4	19.4	29.2

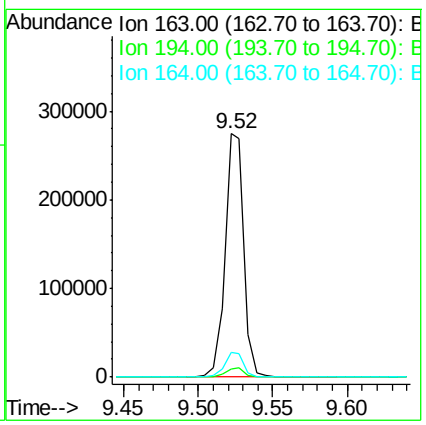


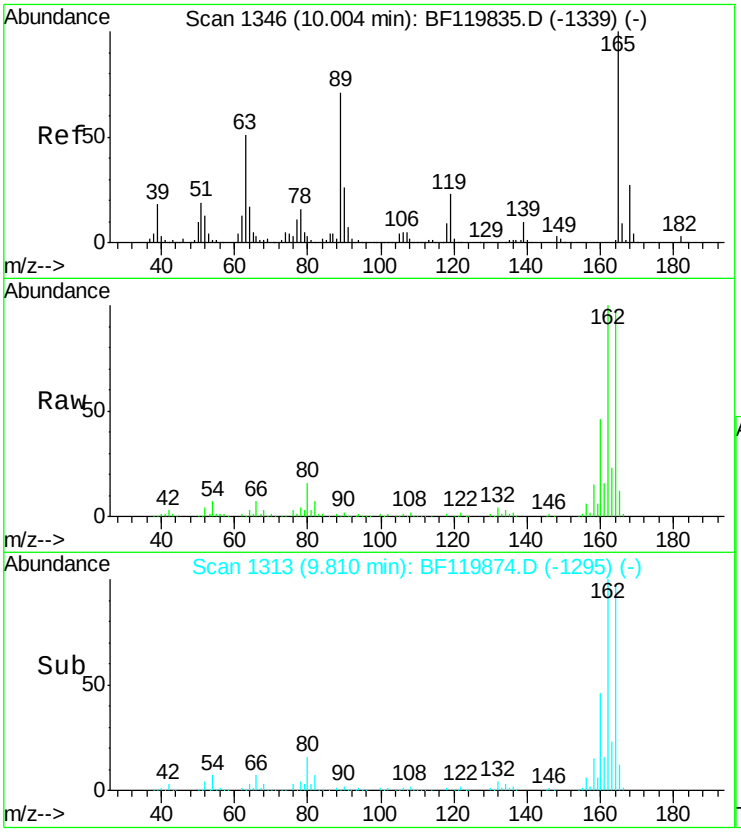


#50
Dimethylphthalate
Concen: 17.91 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Tgt Ion:163 Resp: 242987

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	9.9	8.4	12.6



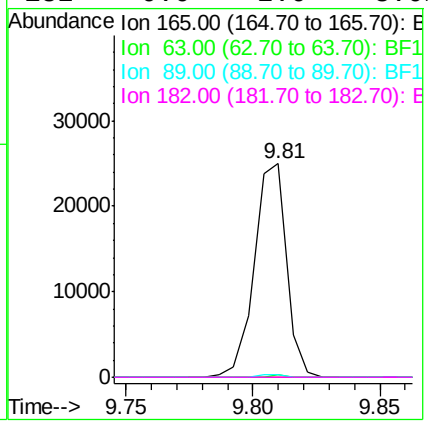


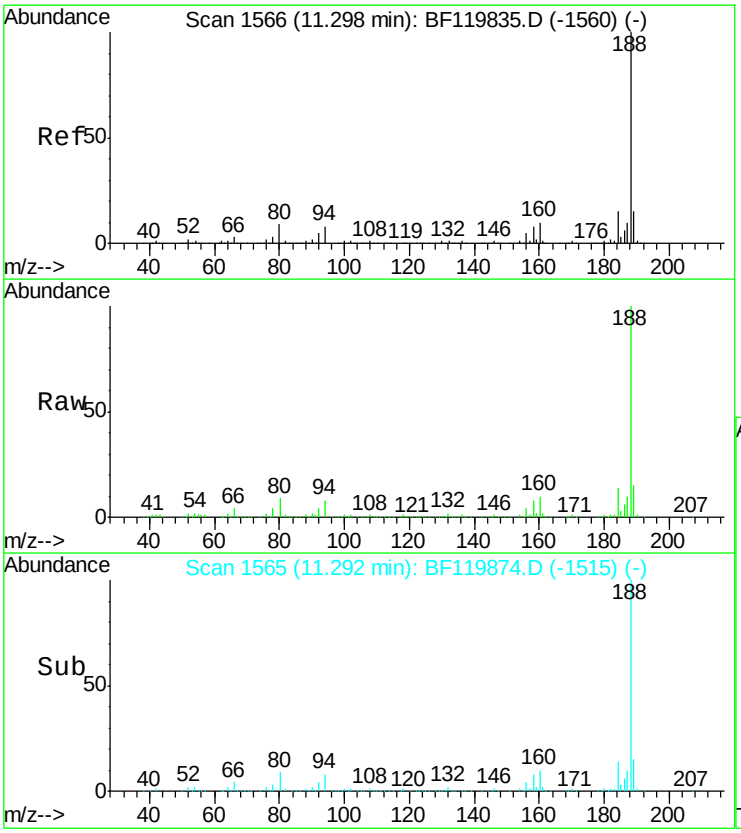
#57
2,4-Dinitrotoluene
Concen: 5.68 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIANRE

Tgt Ion:165 Resp: 22245

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.8	61.2#
89	1.3	56.9	85.3#
182	0.0	2.0	3.0#

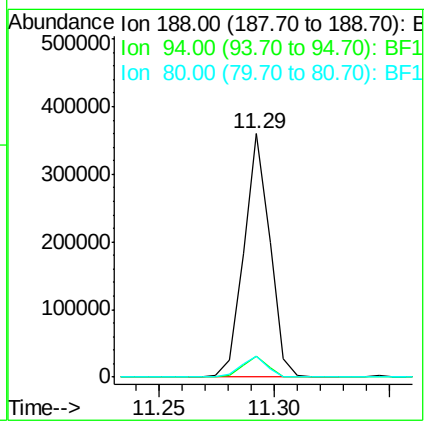


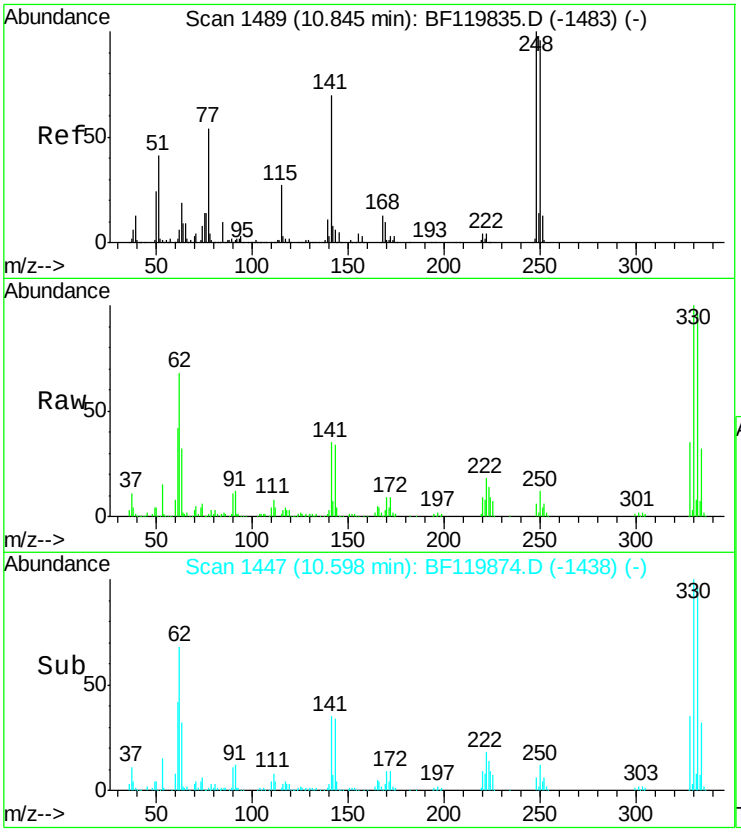


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Tgt Ion:188 Resp: 282941

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	8.6	7.4	11.2



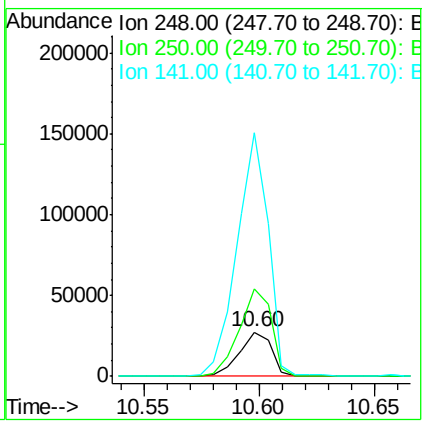


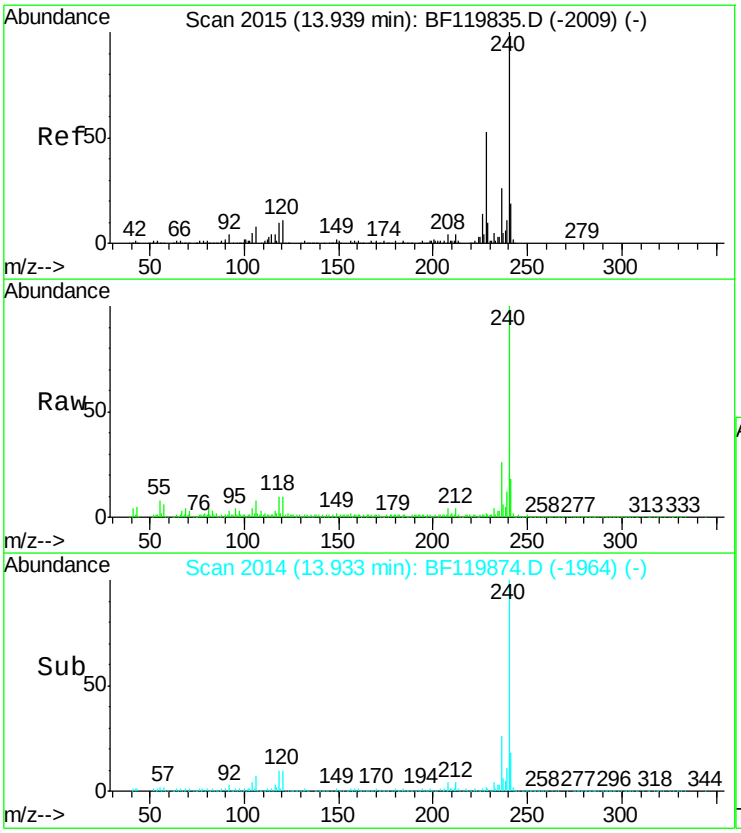
#67
4-Bromophenyl-phenylether
Concen: 7.57 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIANRE

Tgt Ion:248 Resp: 26628

Ion	Ratio	Lower	Upper
248	100		
250	199.8	76.6	114.8#
141	554.3	55.9	83.9#

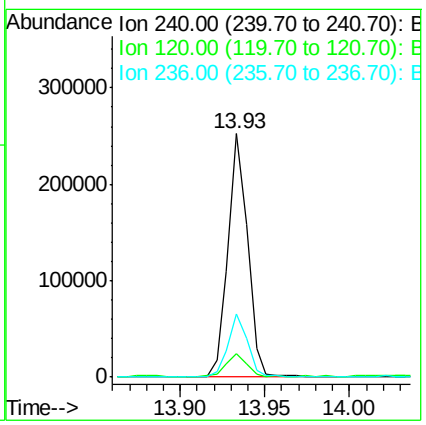


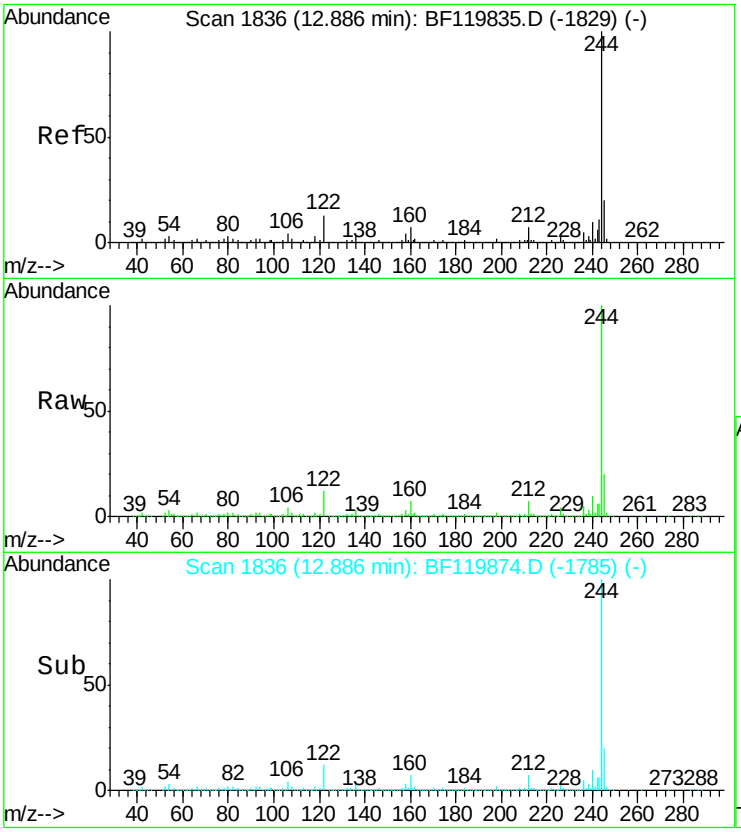


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Tgt Ion:240 Resp: 202232

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.0	13.6
236	25.8	20.7	31.1



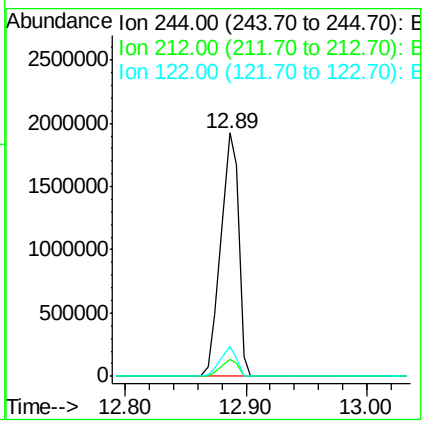


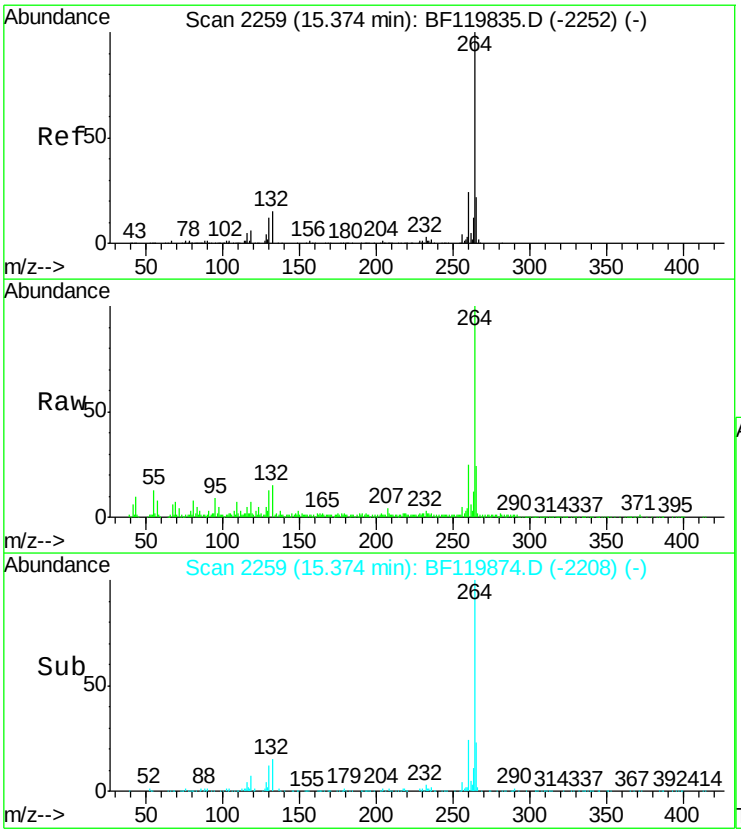
#79
Terphenyl-d14
Concen: 163.77 ng
RT: 12.89 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIANRE

Tgt Ion:244 Resp: 1968317

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.1	10.3	15.5

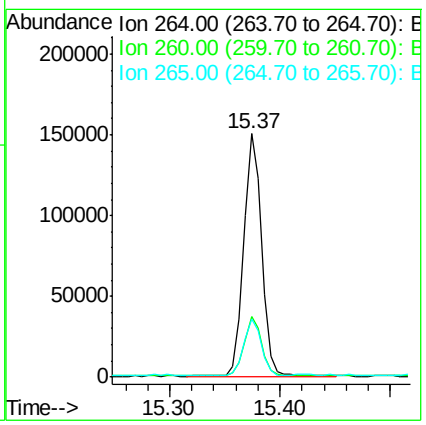


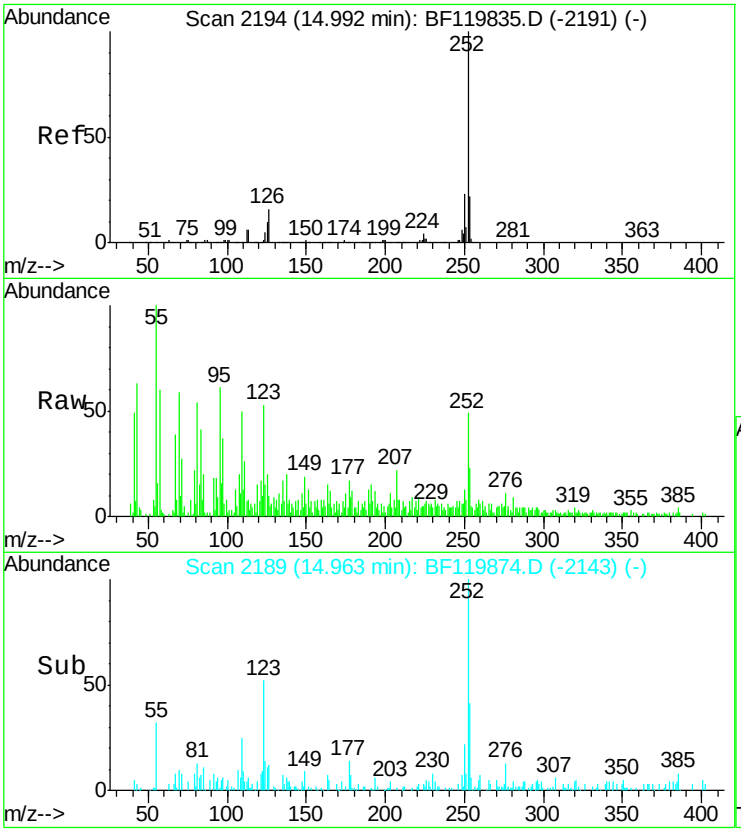


#87
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Tgt Ion:264 Resp: 172032

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	23.7	17.6	26.4





#89
Benzo(k)fluoranthene
Concen: 2.13 ng
RT: 14.96 min Scan# 2189
Delta R.T. -0.03 min
Lab File: BF119874.D
Acq: 9 Apr 2020 17:24

Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIANRE

Tgt Ion:252 Resp: 22730

Ion	Ratio	Lower	Upper
252	100		
253	46.3	17.8	26.8#
125	41.6	7.7	11.5#