Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090919\
Data File : BF116900.D
Acq On : 9 Sep 2019 16:58
Operator : HP/JU
Sample : K4662-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-090619

Quant Time: Sep 10 03:00:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	71319	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	278624	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	142098	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	244894	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	207653	20.00	ng	-0.02
87) Perylene-d12	15.43	264	214917	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	539872	122.64	ng	0.00
7) Phenol-d6	6.47	99	653909	113.12	ng	0.00
23) Nitrobenzene-d5	7.39	82	506091	103.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	181358	190.91	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	866148	102.82	ng	-0.02
79) Terphenyl-d14	12.93	244	946929	84.36	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	67431	17.716	ng	# 73
25) Isophorone	7.39	82	506088	51.172	ng	# 66
50) Dimethylphthalate	9.58	163	70220	7.158	ng	97
57) 2,4-Dinitrotoluene	9.87	165	17794	7.775	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.66	198	148	7.590	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	12228	4.915	ng	# 1

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

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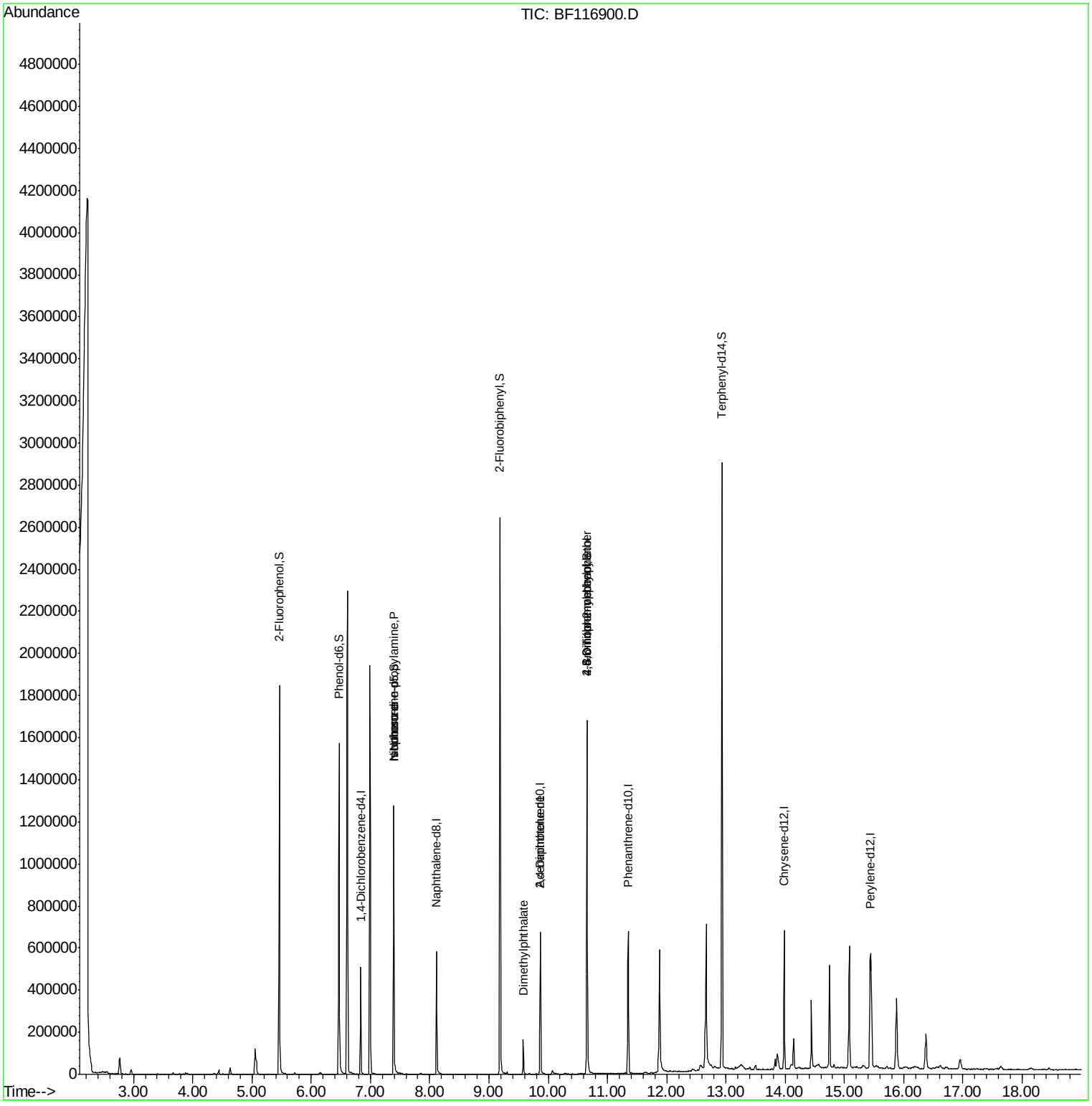
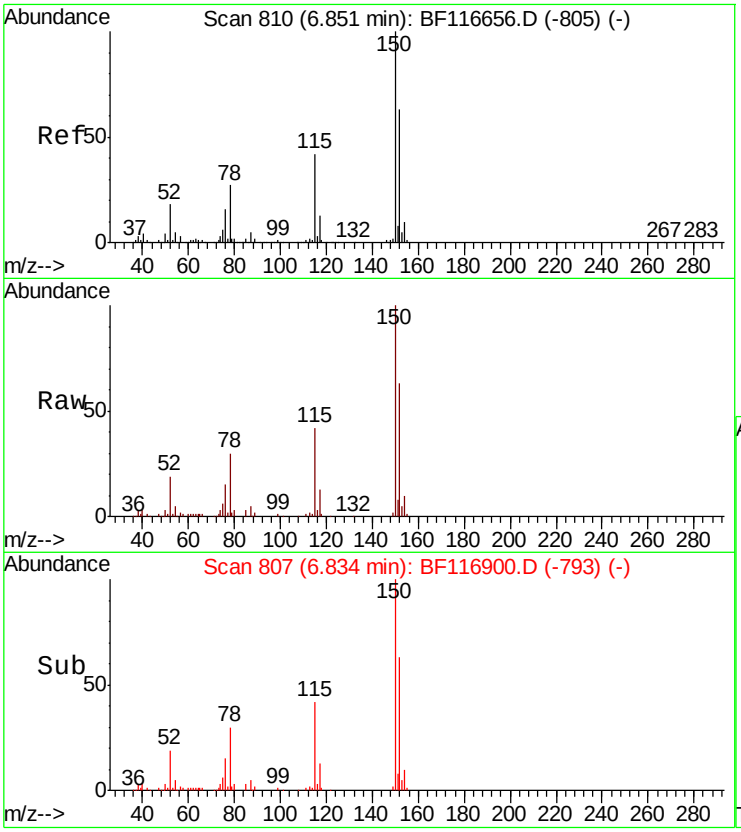


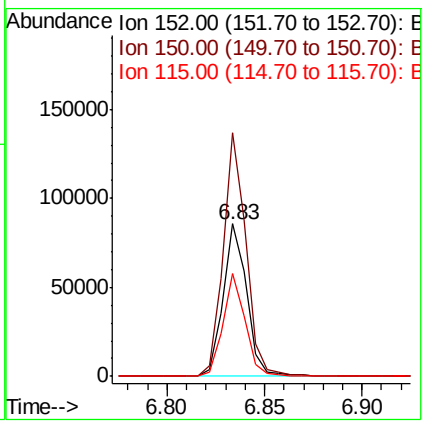


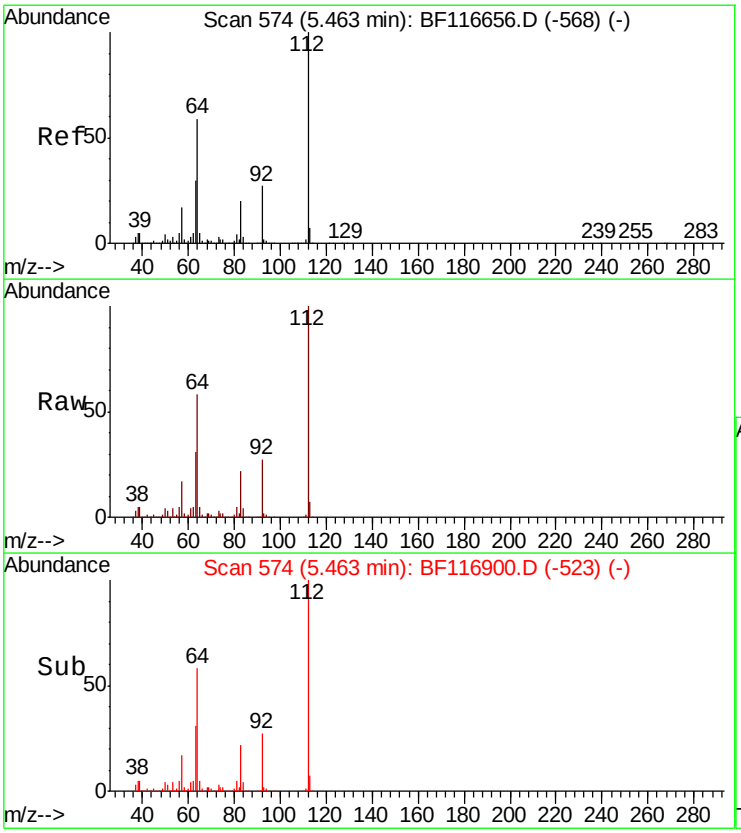
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090619

Tgt Ion:152 Resp: 71319

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.4	186.6
115	67.4	49.9	74.9

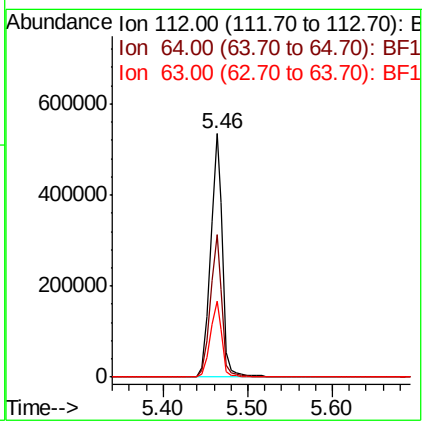


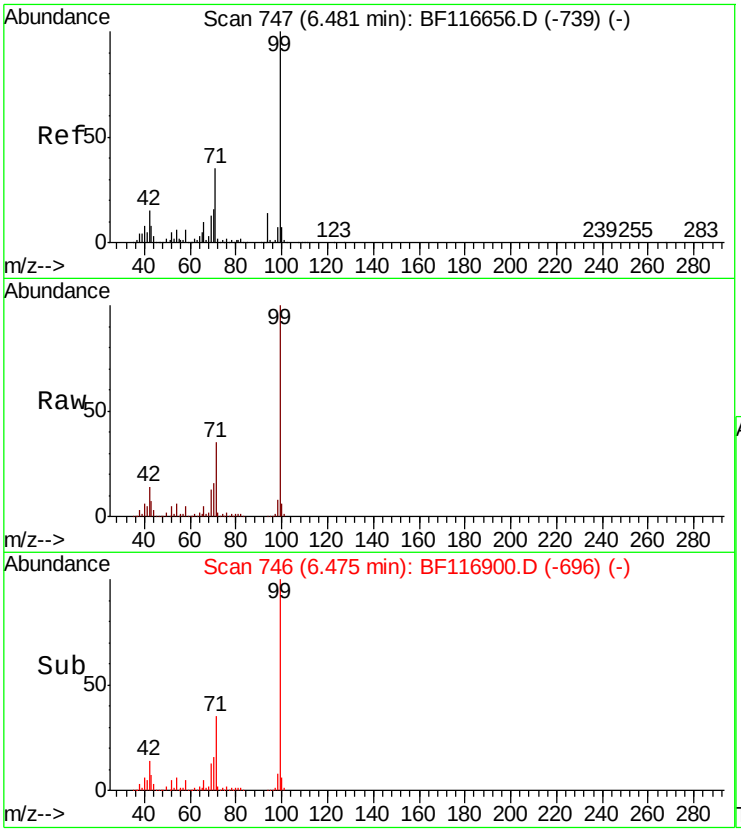


#5
2-Fluorophenol
Concen: 122.635 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Tgt Ion:112 Resp: 539872

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.1	70.7
63	31.1	24.9	37.3



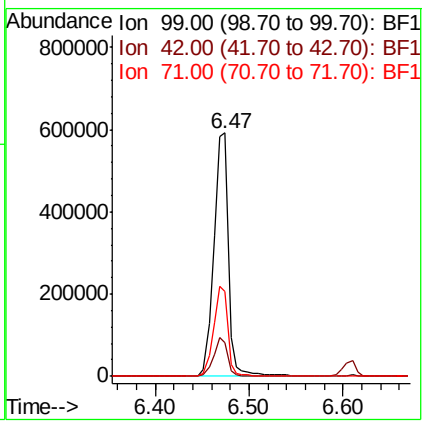


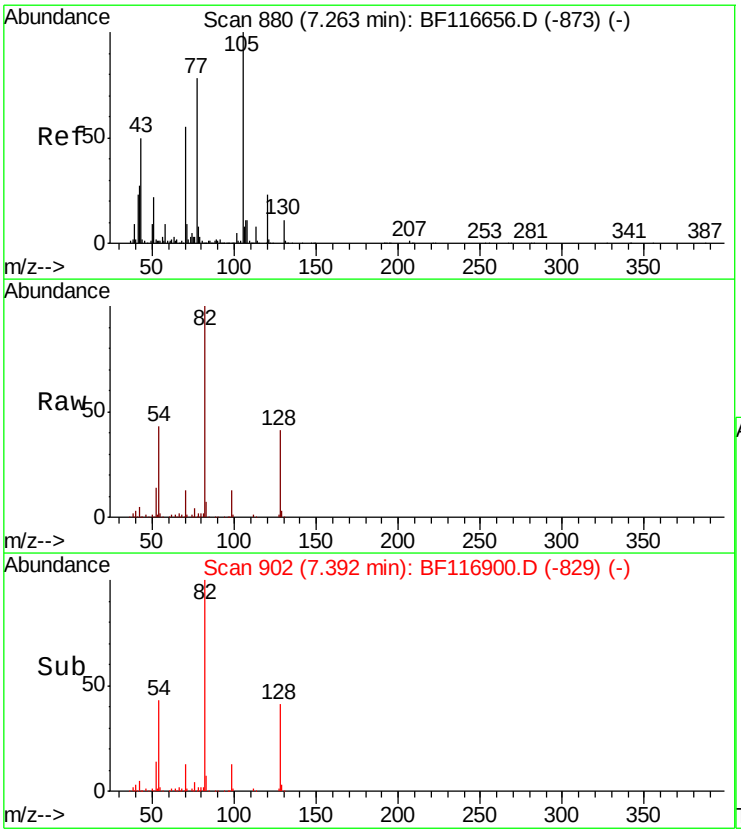
#7
Phenol-d6
Concen: 113.120 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090619

Tgt Ion: 99 Resp: 653909

Ion	Ratio	Lower	Upper
99	100		
42	13.9	13.7	20.5
71	34.9	30.8	46.2

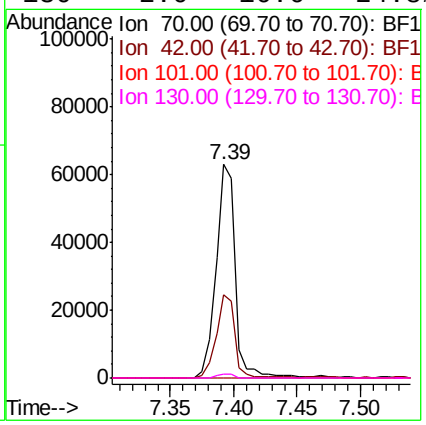


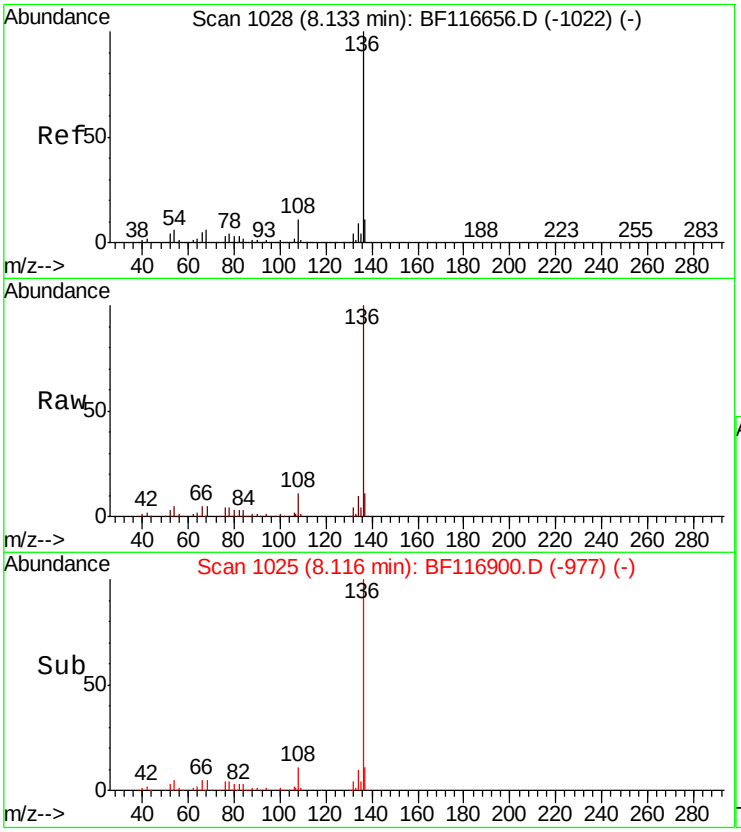


#19
n-Nitroso-di-n-propylamine
Concen: 17.716 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Tgt Ion: 70 Resp: 67431

Ion	Ratio	Lower	Upper
70	100		
42	39.0	43.5	65.3#
101	0.0	7.8	11.6#
130	2.0	16.6	24.8#



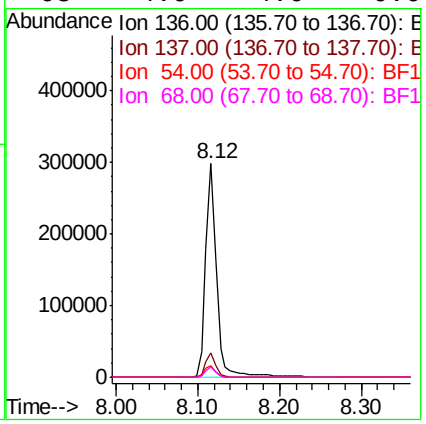


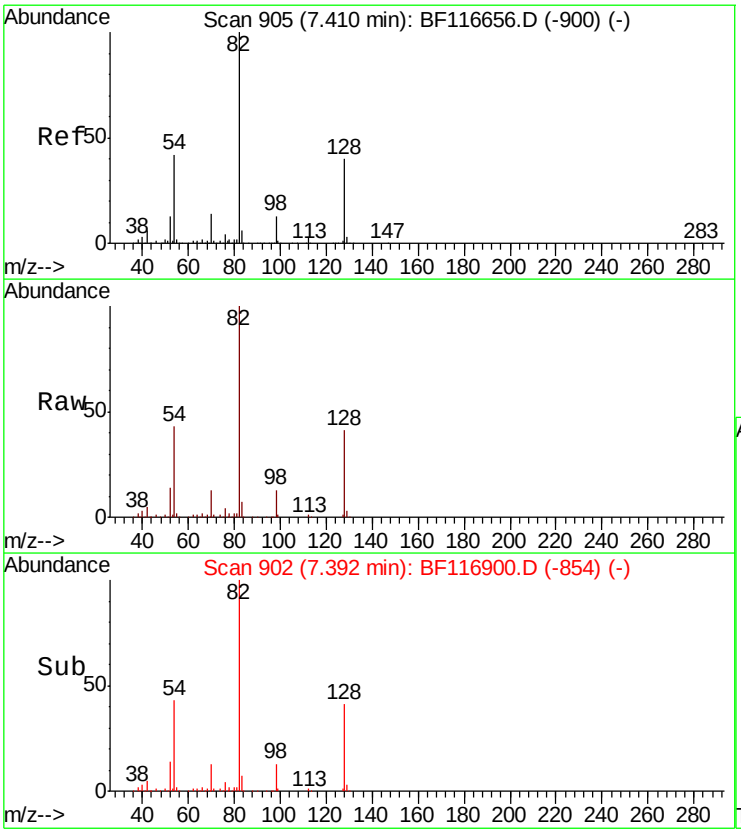
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090619

Tgt Ion:136 Resp: 278624

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.2	4.8	7.2
68	4.9	4.0	6.0

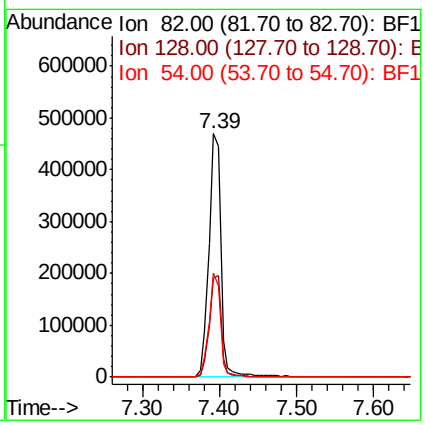


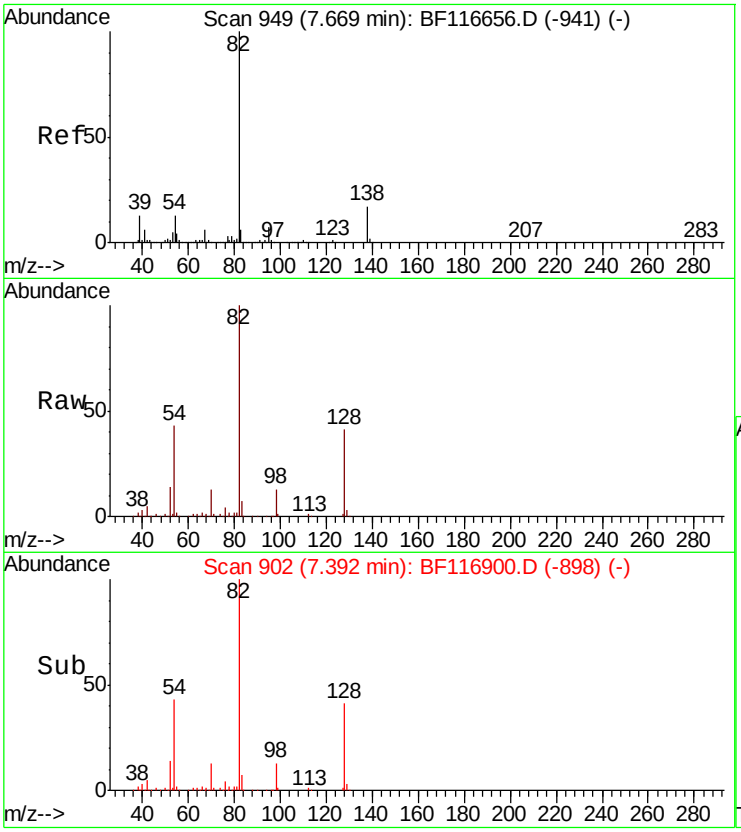


#23
Nitrobenzene-d5
Concen: 103.693 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Tgt Ion: 82 Resp: 506091

Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.8	49.2
54	42.8	36.9	55.3



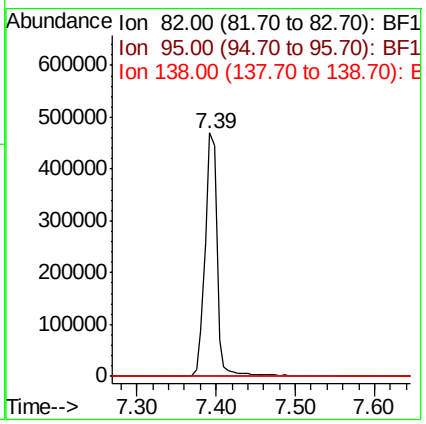


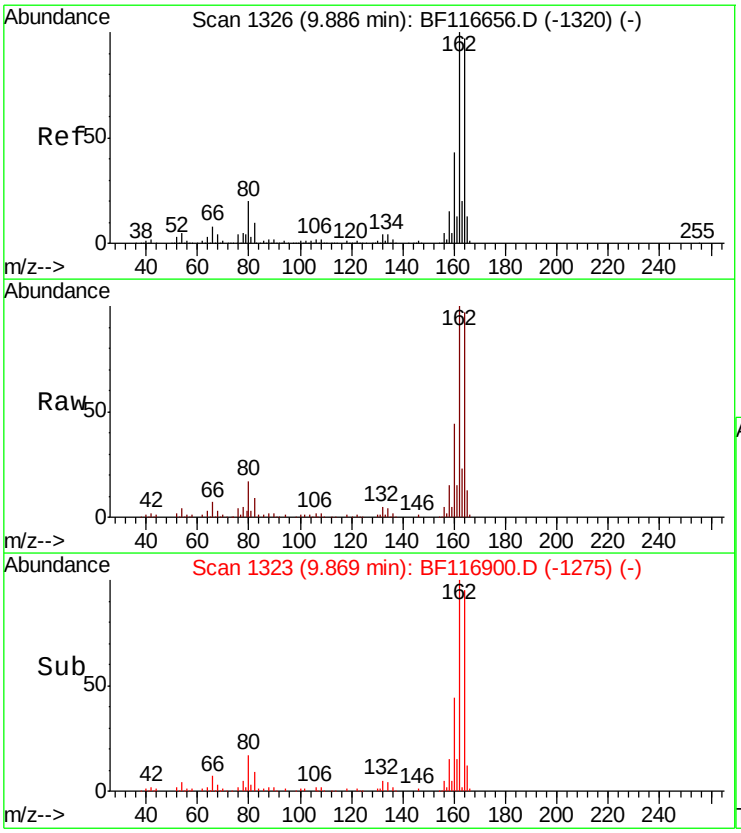
#25
Isophorone
Concen: 51.172 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090619

Tgt Ion: 82 Resp: 506088

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

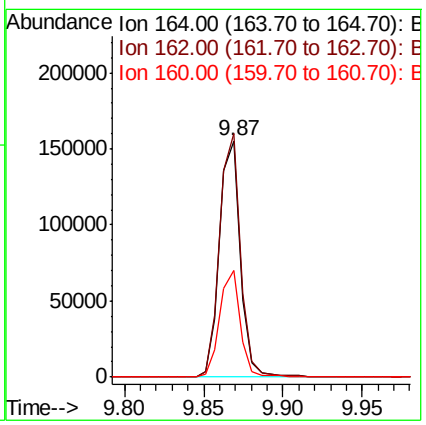


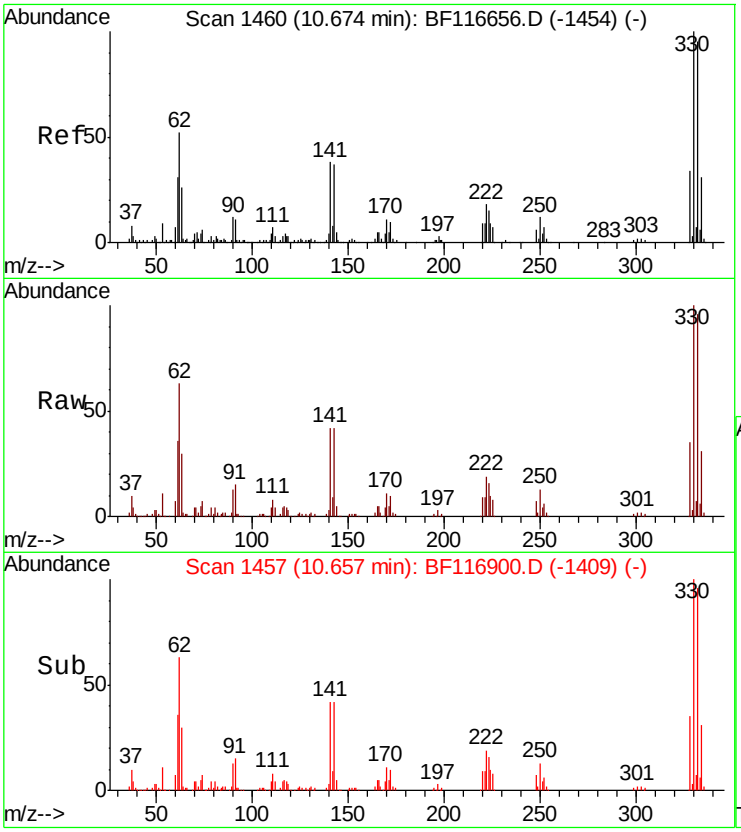


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Tgt Ion:164 Resp: 142098

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.4	122.0
160	45.3	35.4	53.2



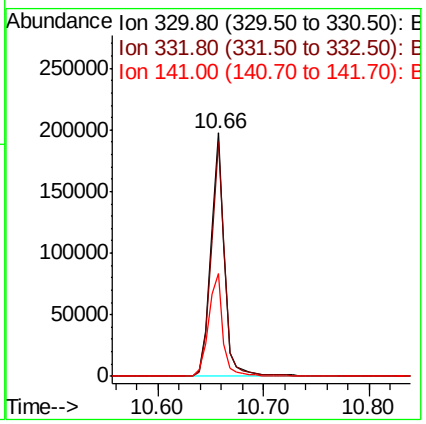


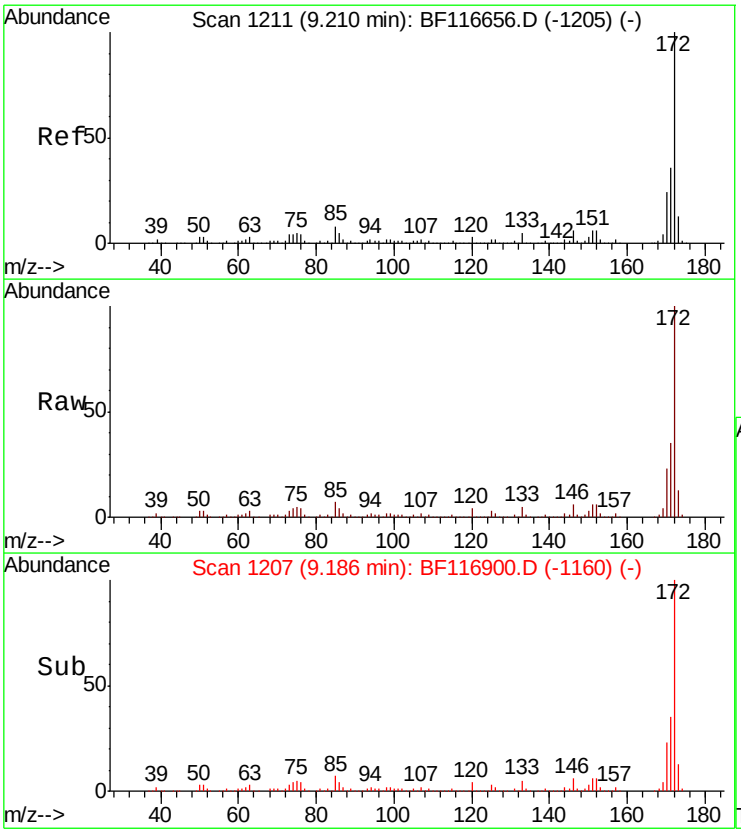
#42
2,4,6-Tribromophenol
Concen: 190.912 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090619

Tgt Ion:330 Resp: 181358

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	44.0	31.4	47.2

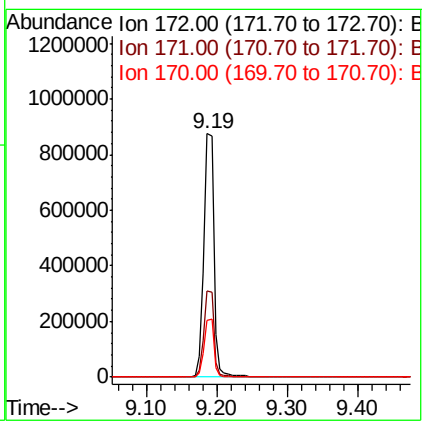


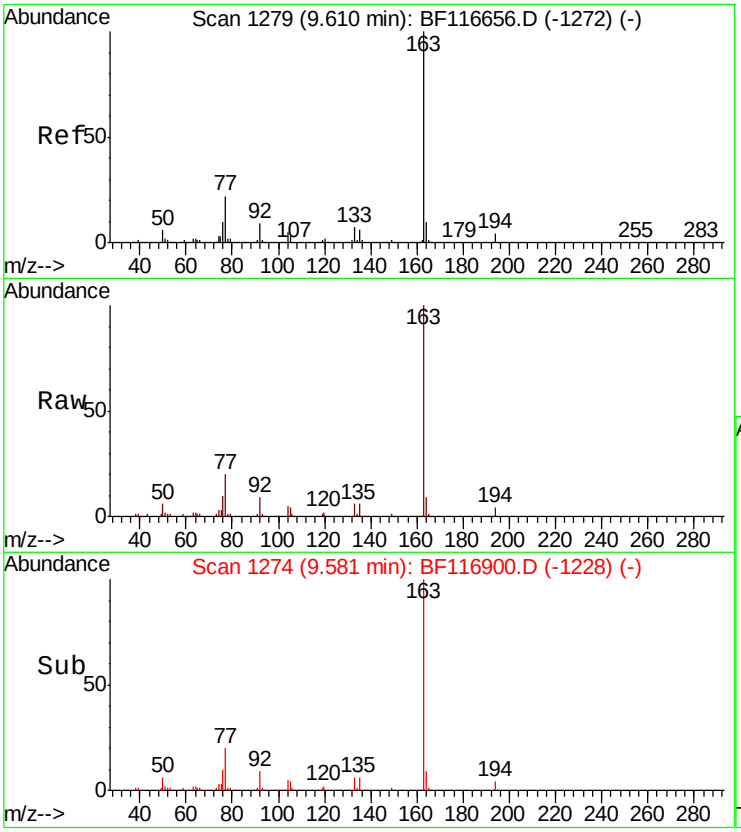


#45
2-Fluorobiphenyl
Concen: 102.823 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Tgt Ion:172 Resp: 866148

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	23.4	18.9	28.3



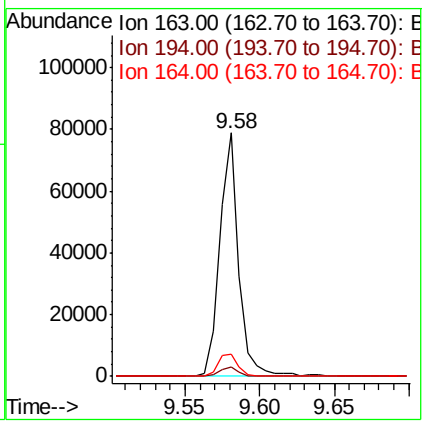


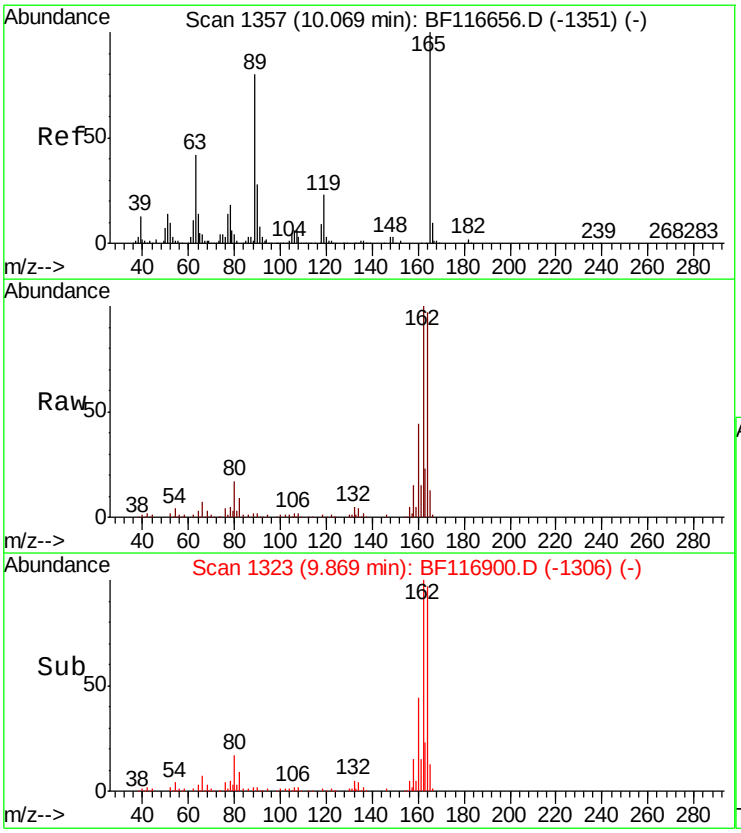
#50
Dimethylphthalate
Concen: 7.158 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090619

Tgt Ion:163 Resp: 70220

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.3	8.6	12.8

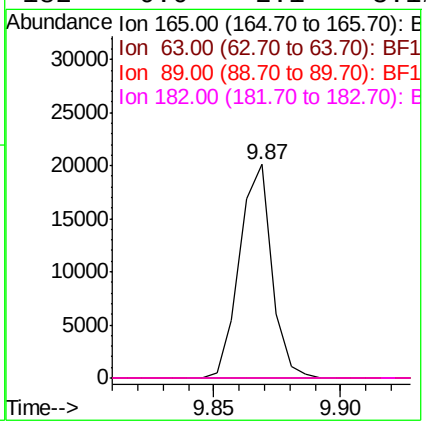


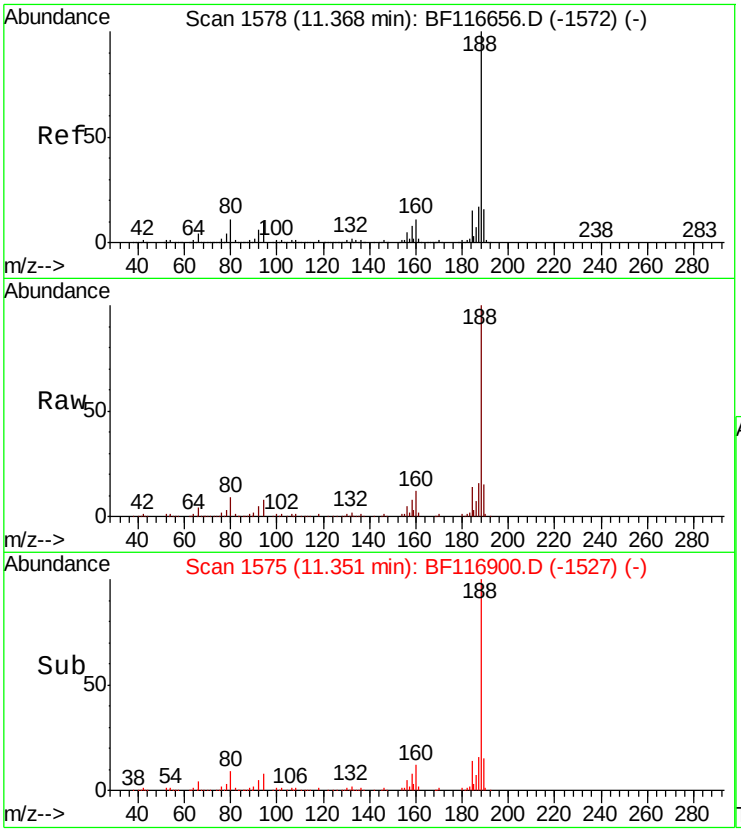


#57
2,4-Dinitrotoluene
Concen: 7.775 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.20 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Tgt Ion:165 Resp: 17794

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	62.6	94.0#
182	0.0	2.1	3.1#



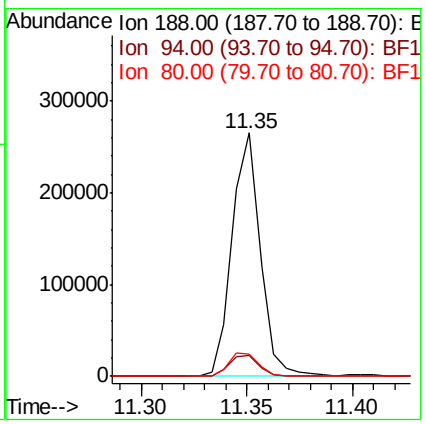


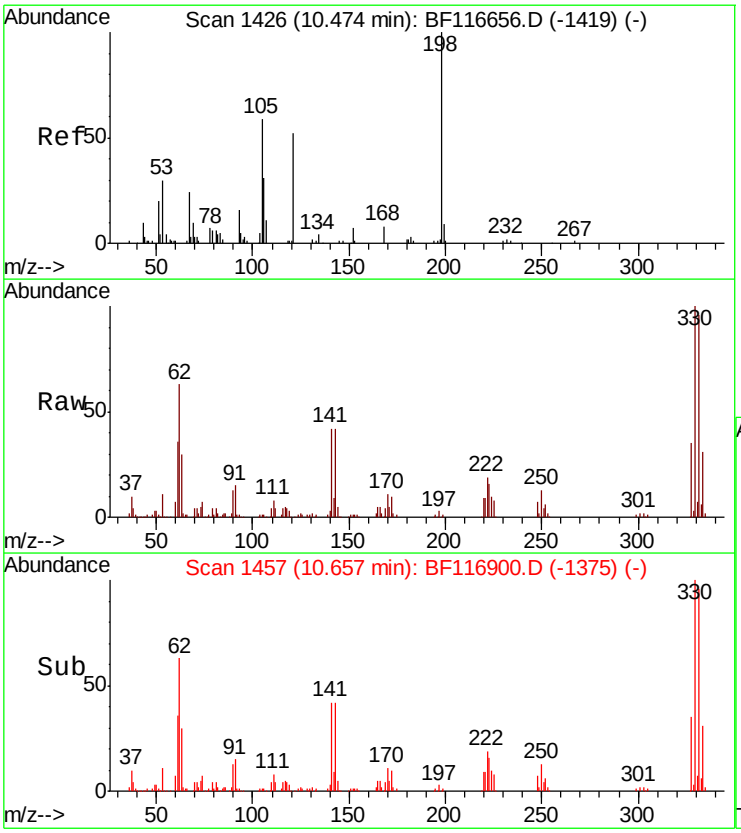
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090619

Tgt Ion:188 Resp: 244894

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.3	10.9
80	9.3	8.4	12.6

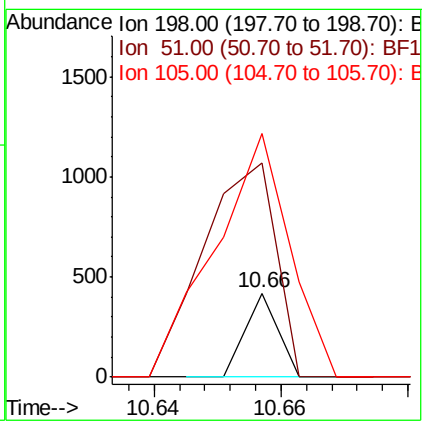


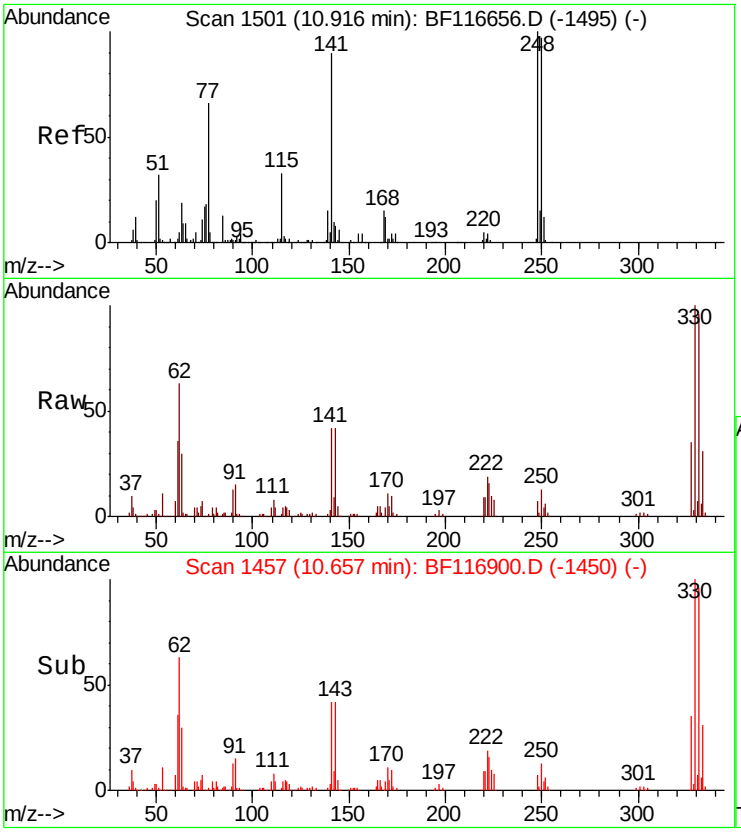


#65
4,6-Dinitro-2-methylphenol
Concen: 7.590 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.18 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Tgt Ion:198 Resp: 148

Ion	Ratio	Lower	Upper
198	100		
51	255.4	18.4	58.4#
105	290.2	22.9	62.9#



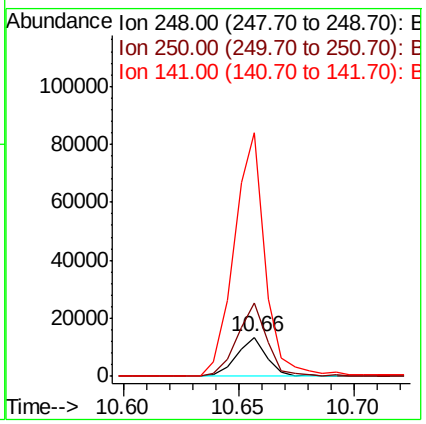


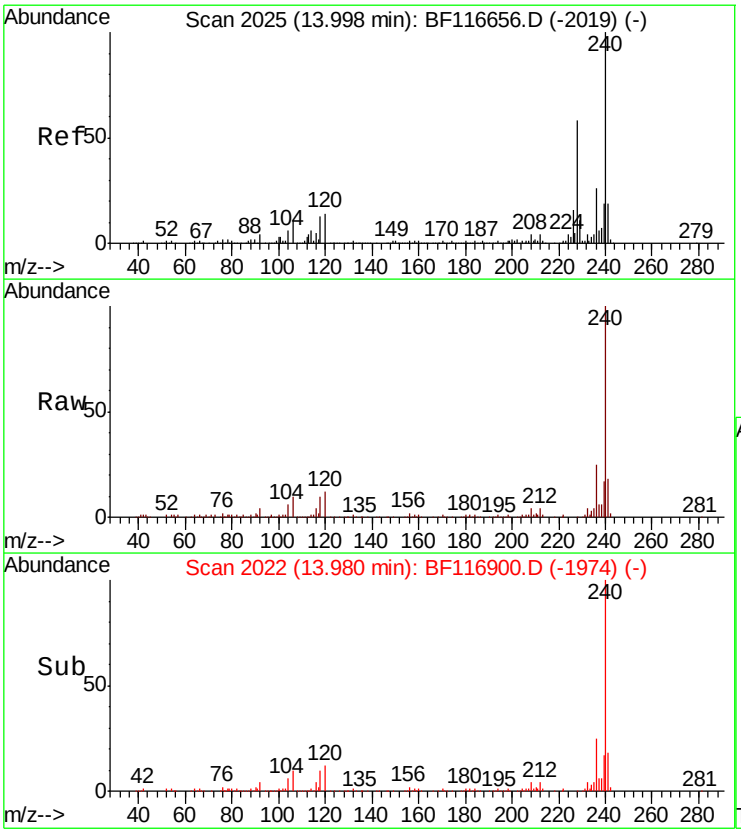
#67
4-Bromophenyl-phenylether
Concen: 4.915 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.26 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090619

Tgt Ion:248 Resp: 12228

Ion	Ratio	Lower	Upper
248	100		
250	188.4	77.8	116.8#
141	625.5	75.9	113.9#

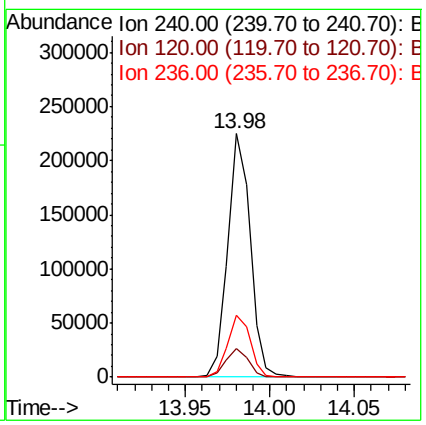


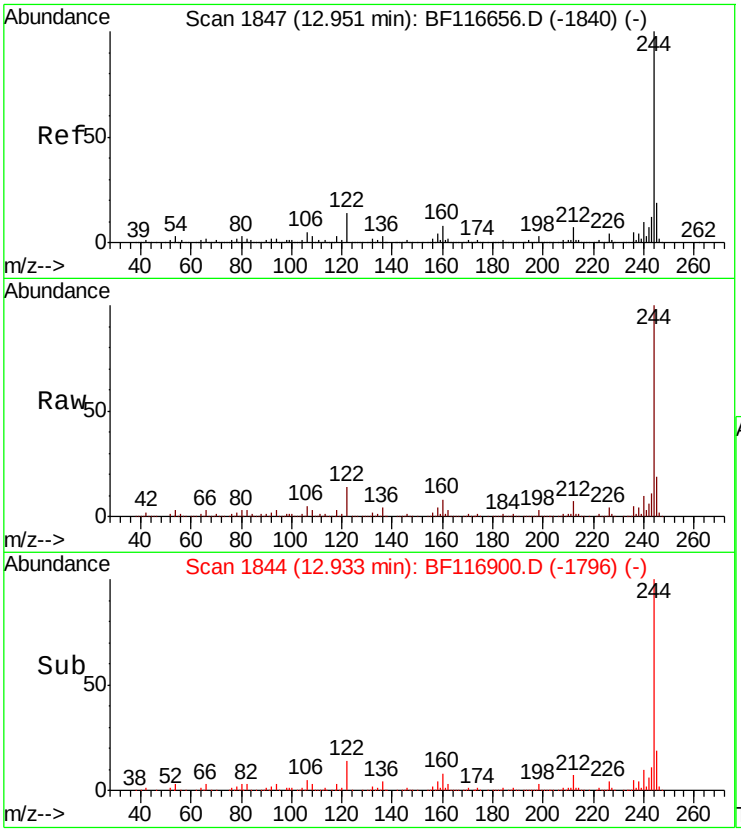


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Tgt Ion:240 Resp: 207653

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.1	13.7
236	25.2	21.1	31.7



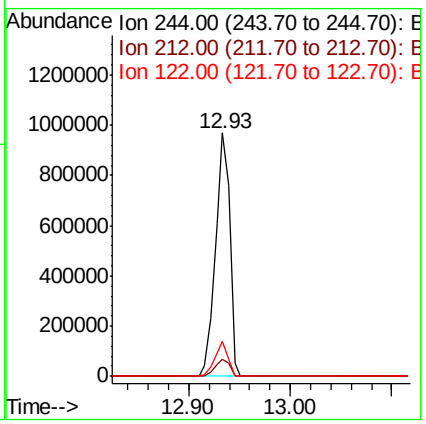


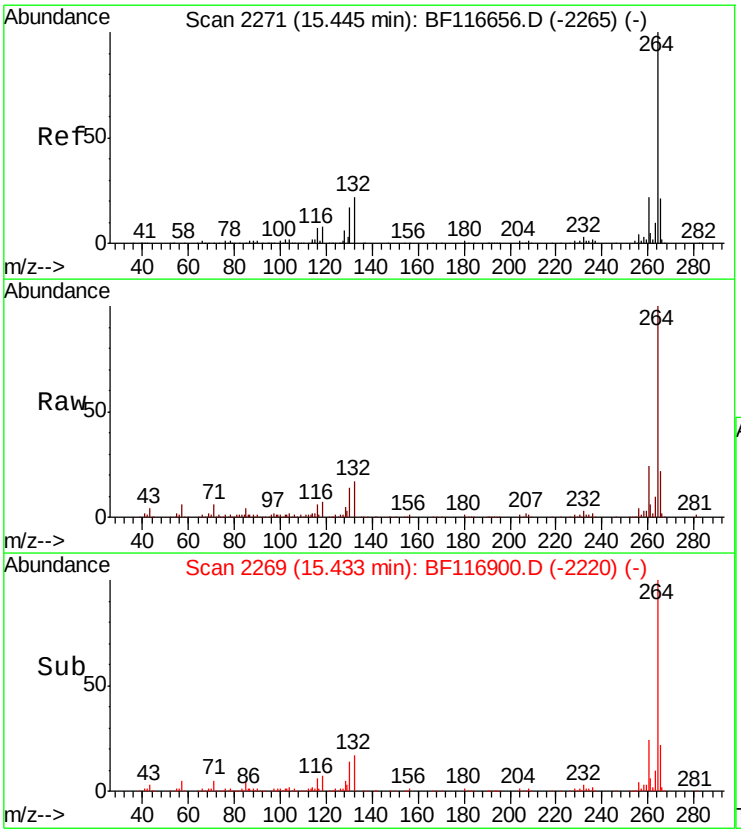
#79
Terphenyl-d14
Concen: 84.360 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090619

Tgt Ion:244 Resp: 946929

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	14.4	10.2	15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Tgt Ion:264 Resp: 214917

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.6	16.5	24.7