Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100119\
Data File : BF117278.D
Acq On : 1 Oct 2019 15:53
Operator : JU
Sample : K5019-02DL2 100X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30D-GWDL2

Quant Time: Oct 01 16:44:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	28183	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	127414	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	70743	20.00	ng		-0.02
64) Phenanthrene-d10	11.33	188	124320	20.00	ng		0.00
76) Chrysene-d12	13.97	240	106022	20.00	ng		0.00
87) Perylene-d12	15.42	264	107278	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	6.49	99	119	0.05	ng		0.03
23) Nitrobenzene-d5	7.39	82	140	0.06	ng		0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
45) 2-Fluorobiphenyl	9.16	172	1425	0.31	ng		-0.01
79) Terphenyl-d14	12.91	244	2857	0.50	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	420	Below Cal		#	1
31) Naphthalene	8.11	128	183429	29.934	ng		98
32) Benzoic acid	8.10	122	319	6.817	ng	#	1
33) 4-Chloroaniline	8.11	127	22068	8.120	ng	#	31
51) 2,6-Dinitrotoluene	9.84	165	9492	9.304	ng	#	24
57) 2,4-Dinitrotoluene	9.84	165	9492	7.168	ng	#	18

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100119\
Data File : BF117278.D
Acq On : 1 Oct 2019 15:53
Operator : JU
Sample : K5019-02DL2 100X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

Quant Time: Oct 01 16:44:30 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
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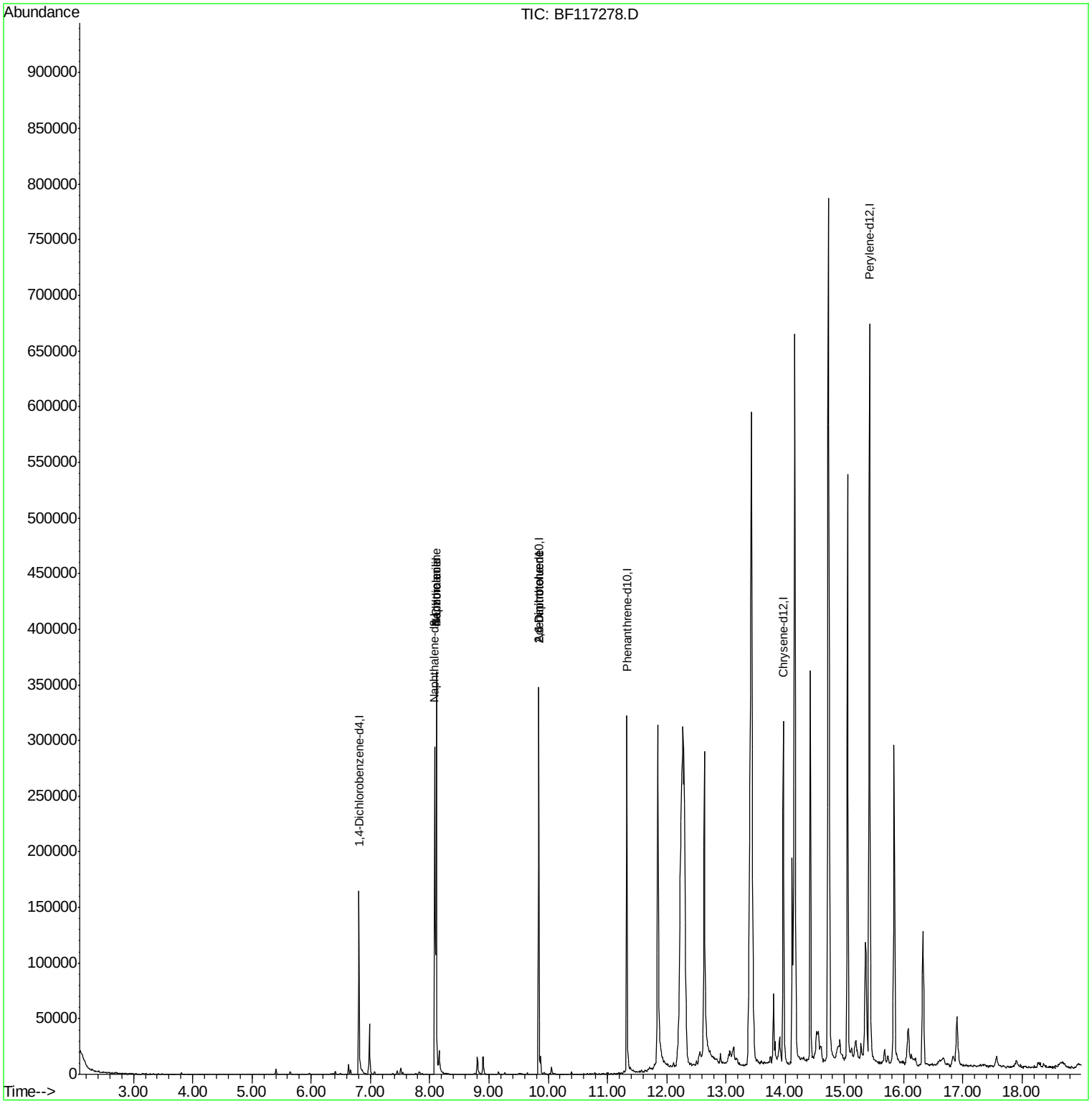
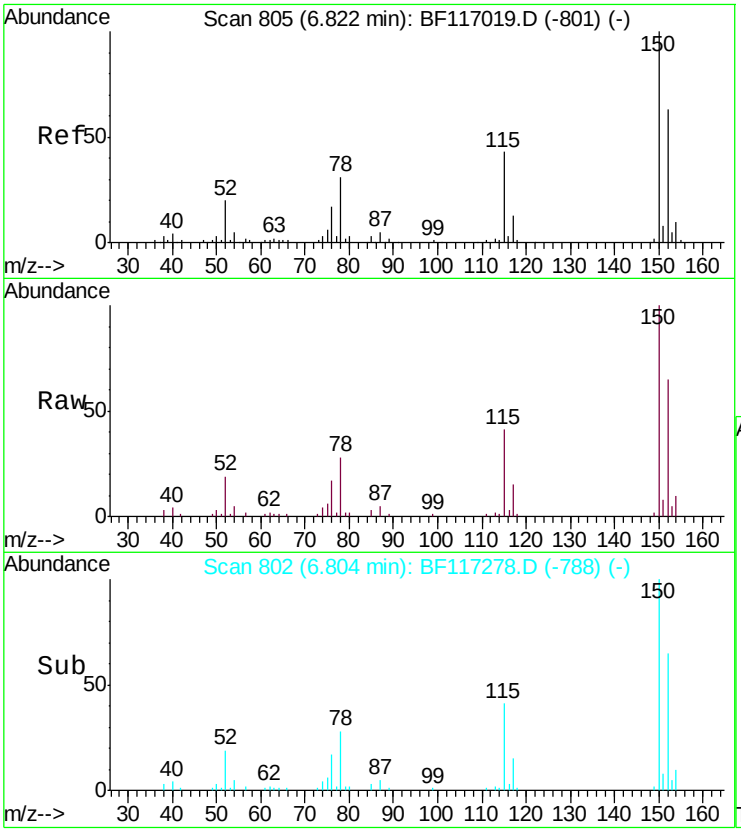


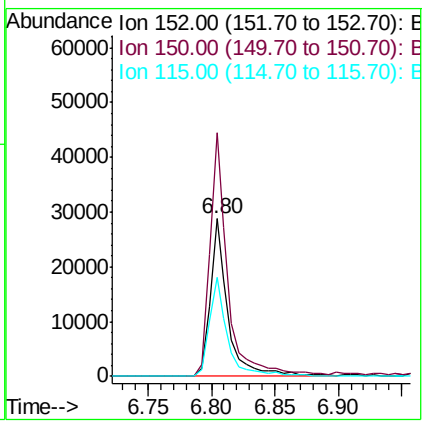


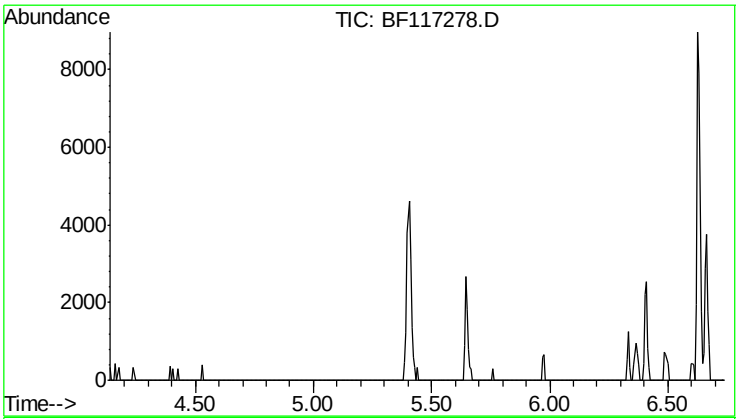
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

Tgt Ion:152 Resp: 28183

Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.5	191.3
115	62.9	55.0	82.4



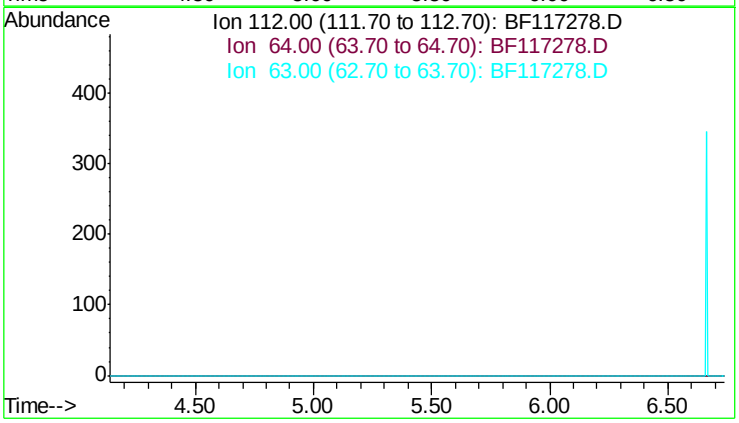


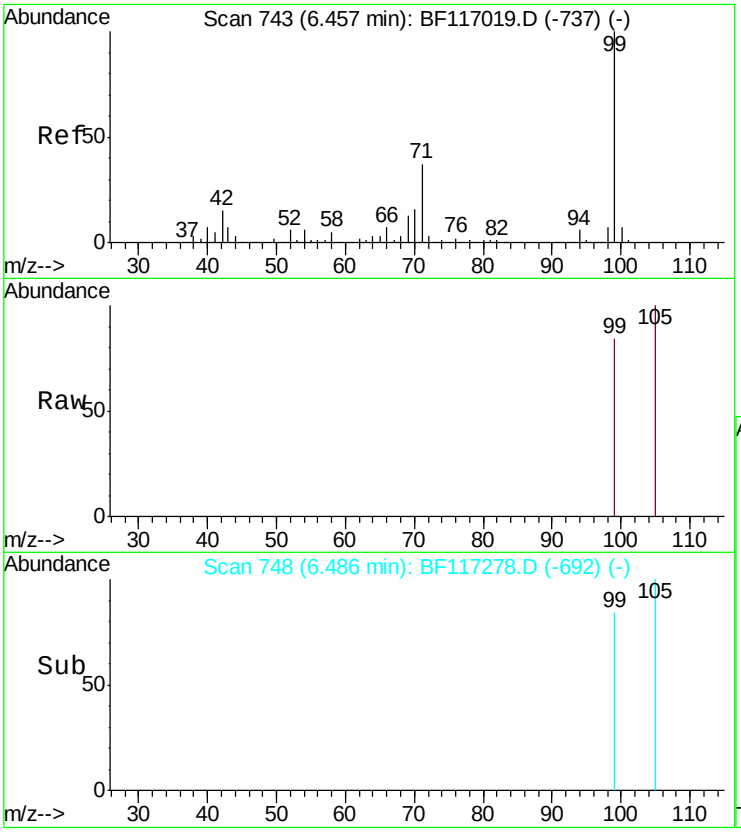
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.44 min

Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	57.1
63	31.1



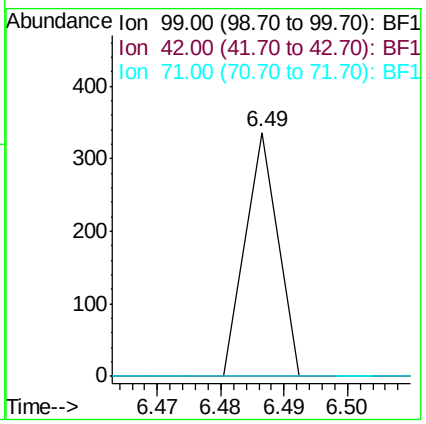


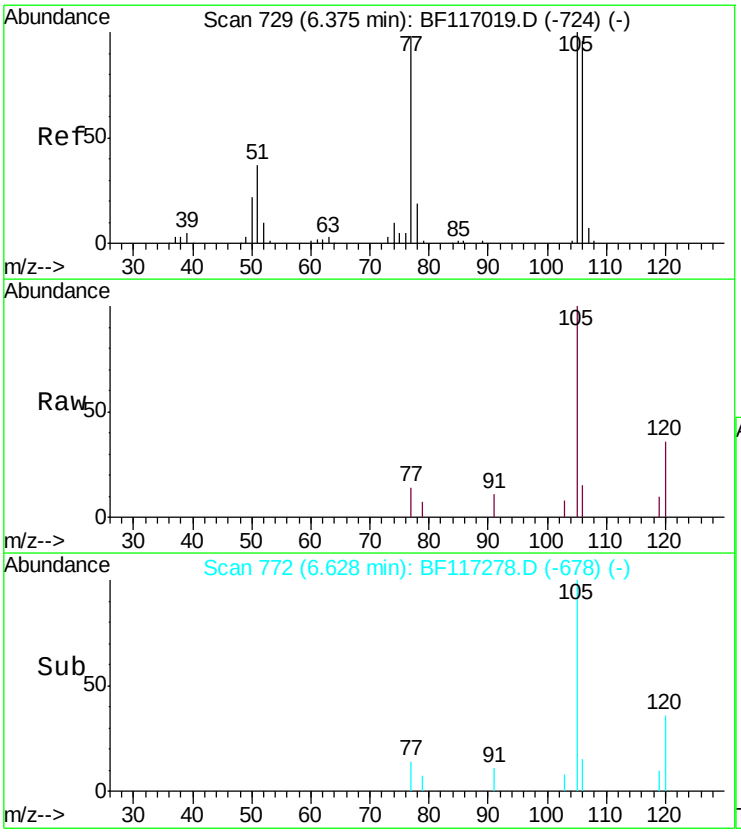
#7
Phenol-d6
Concen: 0.051 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.03 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

Tgt Ion: 99 Resp: 119

Ion	Ratio	Lower	Upper
99	100		
42	0.0	12.2	18.2#
71	0.0	29.8	44.8#

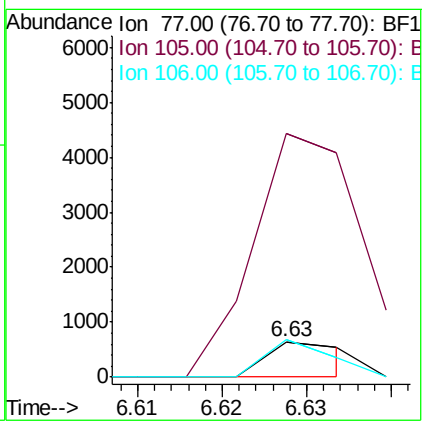


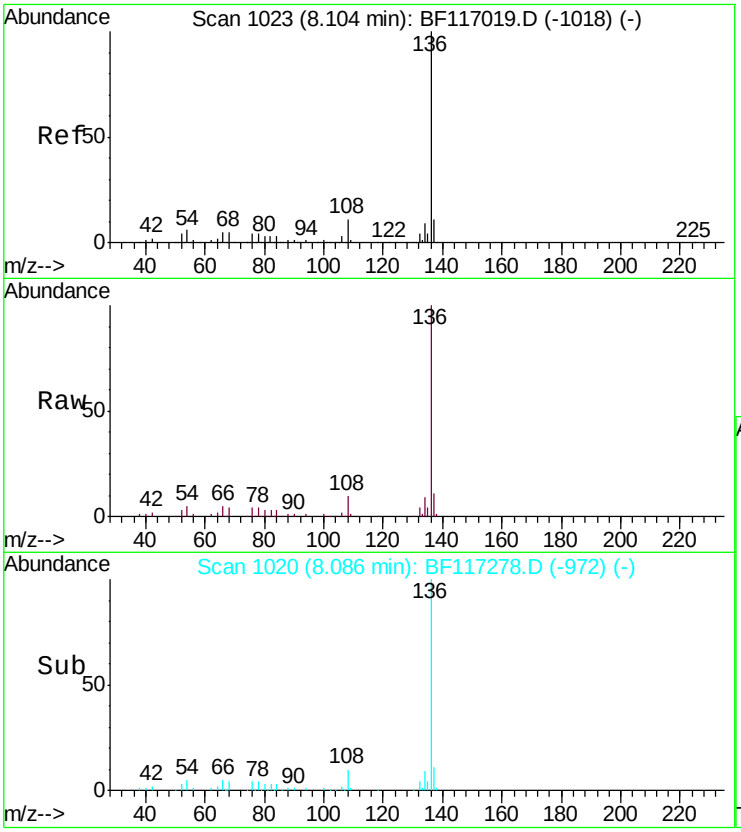


#9
Benzaldehyde
Concen: Below Cal
RT: 6.63 min Scan# 772
Delta R.T. 0.25 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Tgt Ion: 77 Resp: 420

Ion	Ratio	Lower	Upper
77	100		
105	695.6	81.8	121.8#
106	107.5	77.3	117.3



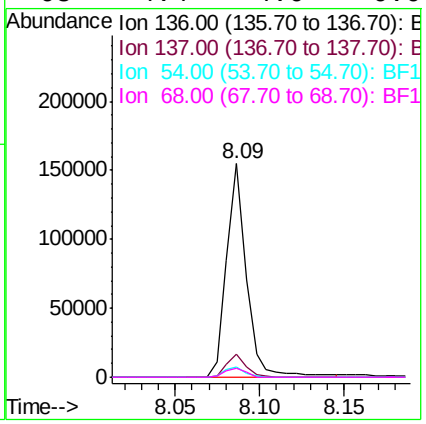


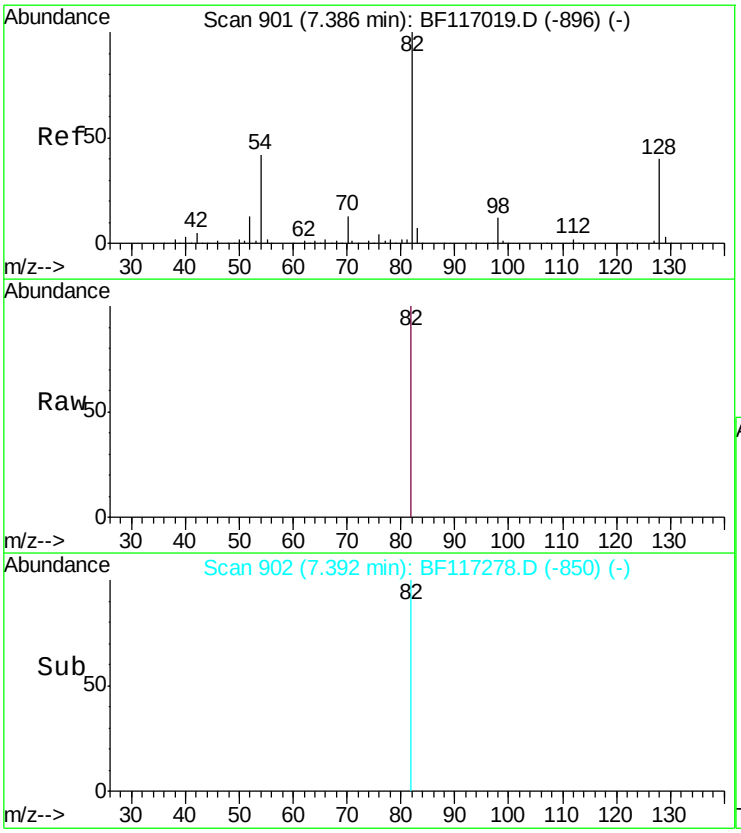
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

Tgt Ion:136 Resp: 127414

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	4.8	4.5	6.7
68	4.4	4.0	6.0

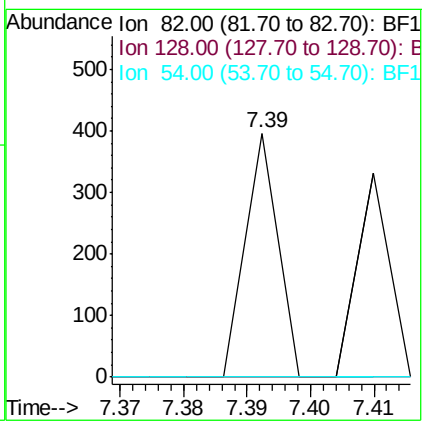


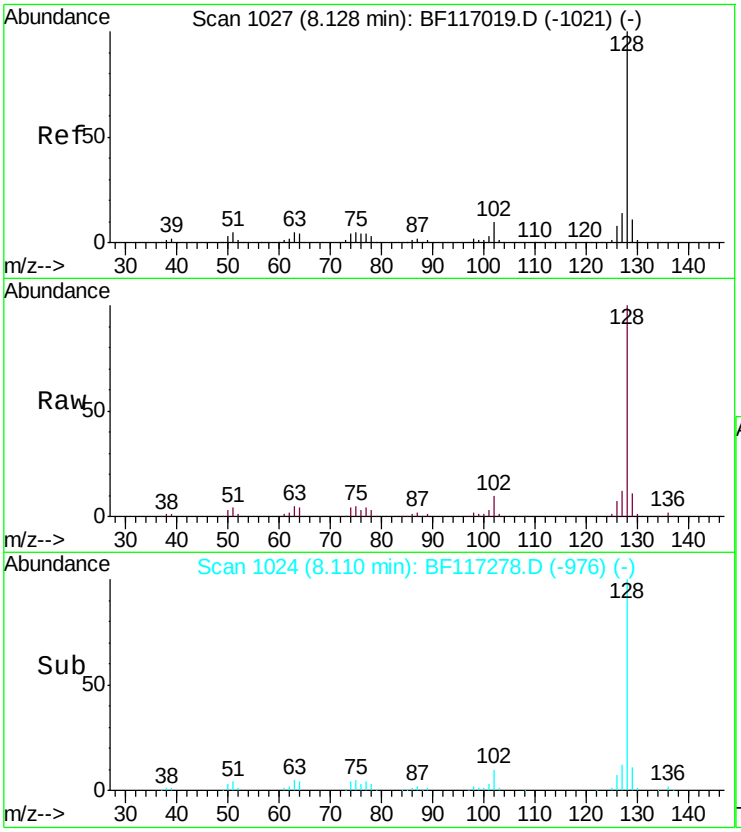


#23
Nitrobenzene-d5
Concen: 0.058 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Tgt Ion: 82 Resp: 140

Ion	Ratio	Lower	Upper
82	100		
128	0.0	32.3	48.5#
54	0.0	33.3	49.9#



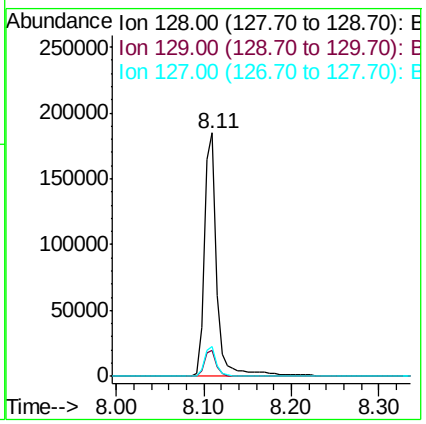


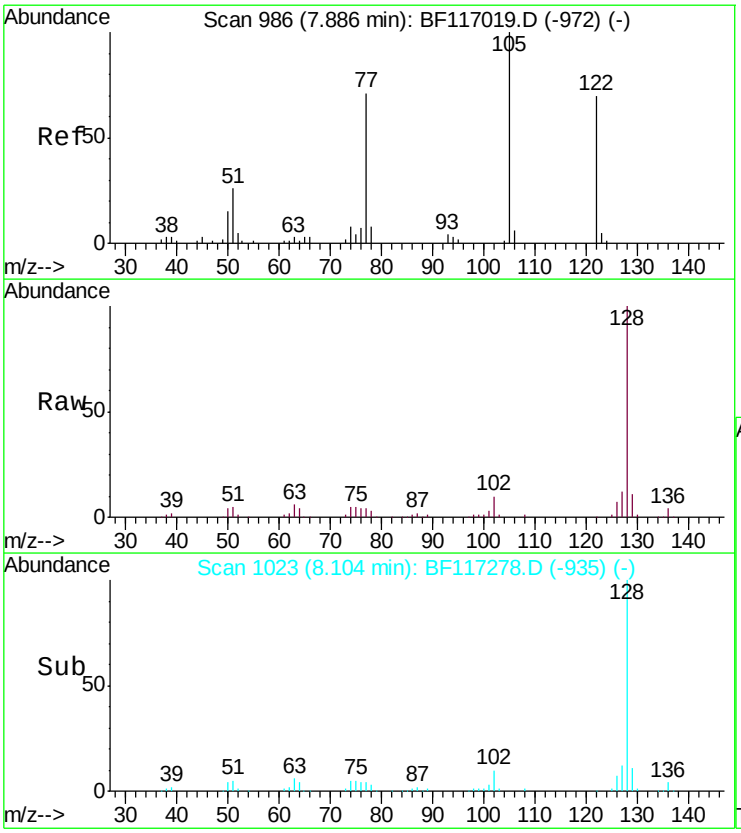
#31
Naphthalene
Concen: 29.934 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

Tgt Ion:128 Resp: 183429

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	12.3	10.8	16.2

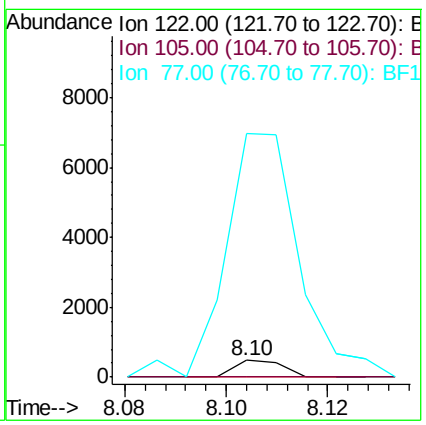


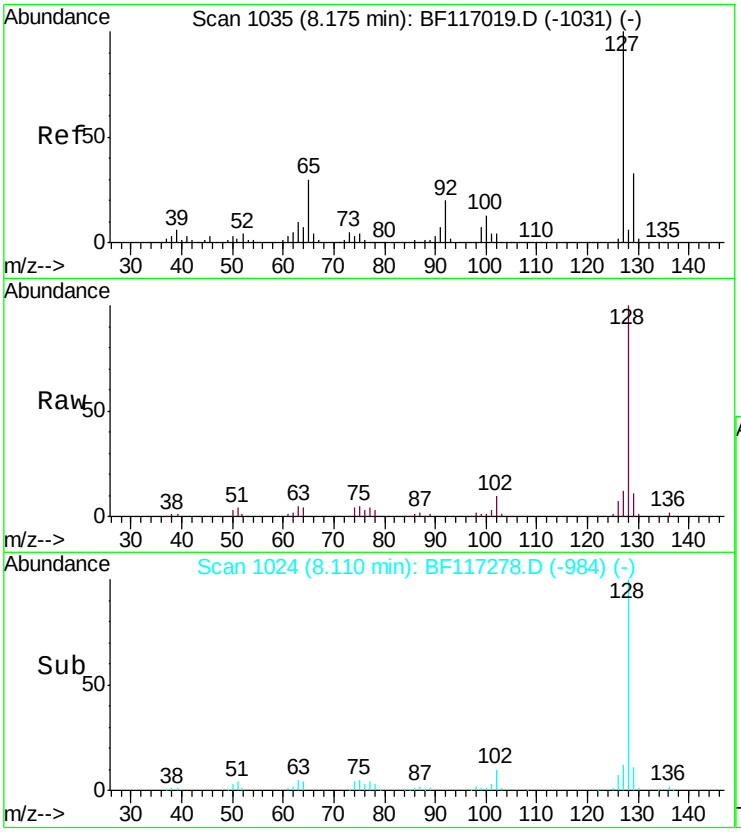


#32
Benzoic acid
Concen: 6.817 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.22 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Tgt Ion:122 Resp: 319

Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.8	154.8#
77	1437.7	78.7	118.7#



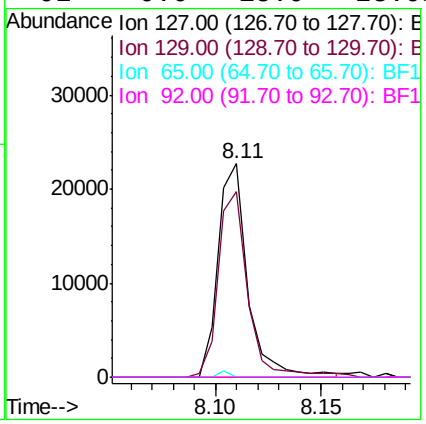


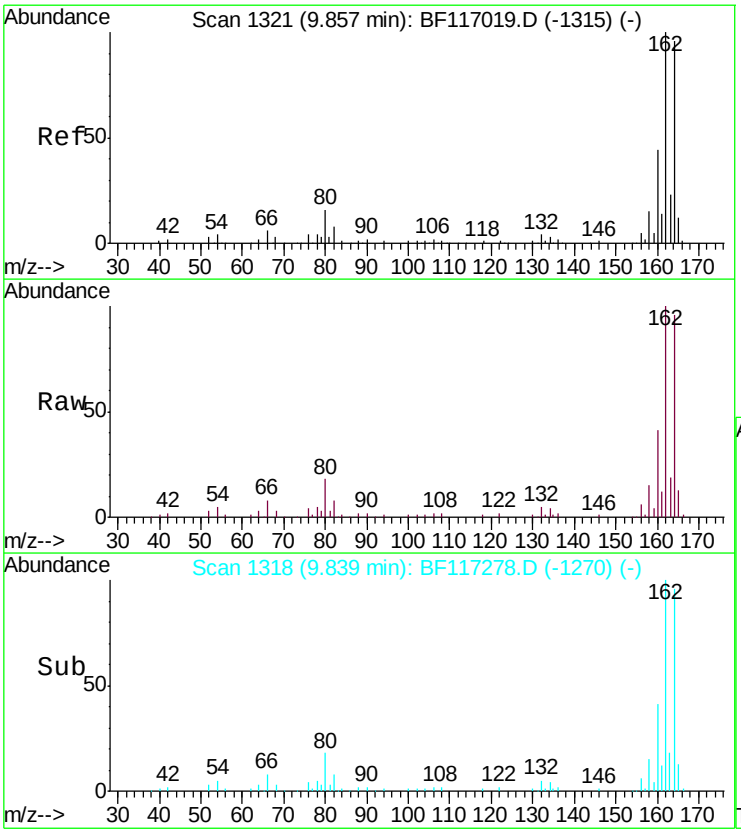
#33
4-Chloroaniline
Concen: 8.120 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.06 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

Tgt Ion:127 Resp: 22068

Ion	Ratio	Lower	Upper
127	100		
129	87.0	26.2	39.2#
65	0.0	23.5	35.3#
92	0.0	15.9	23.9#

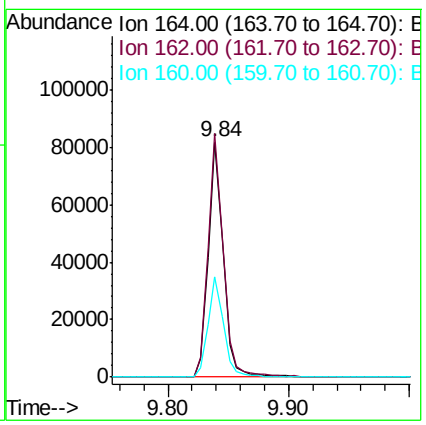


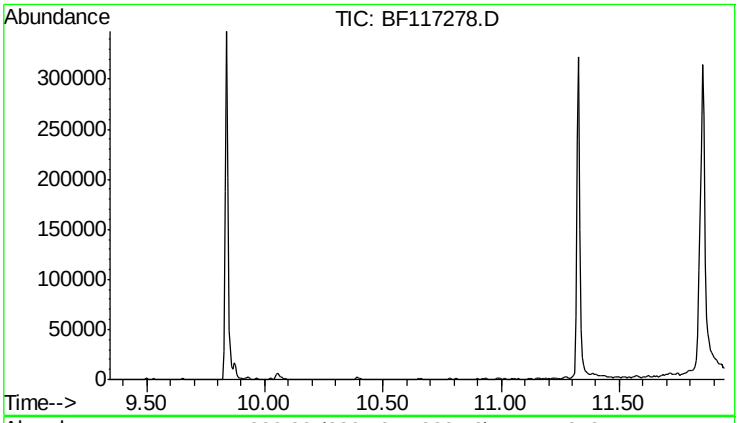


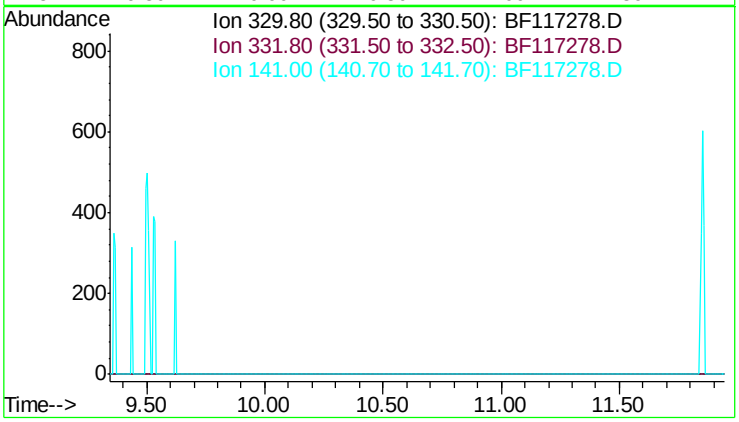
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Tgt Ion:164 Resp: 70743

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.4	125.2
160	42.6	36.4	54.6







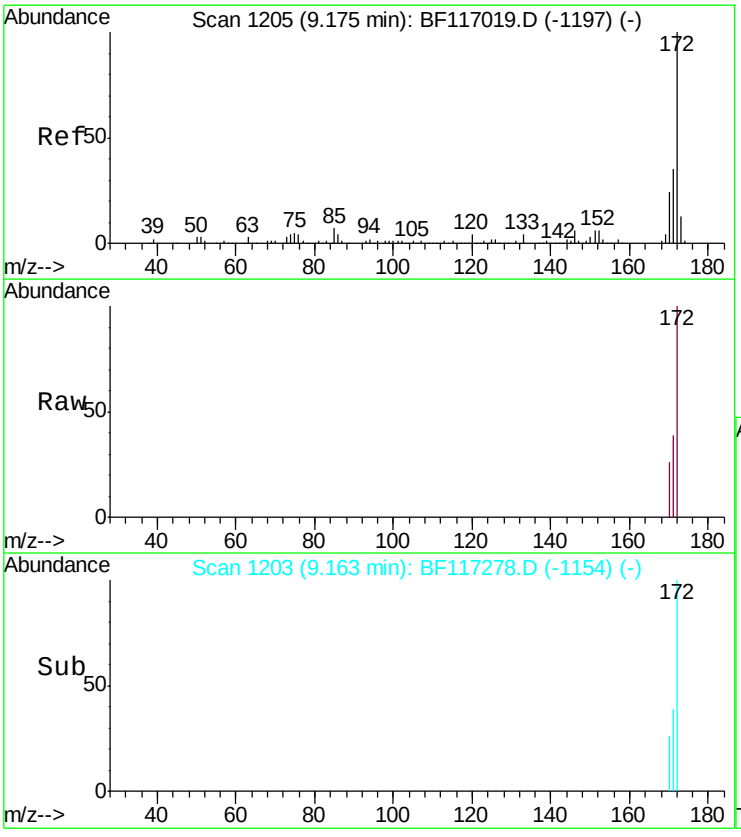
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.65 min

Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.5
141	44.7

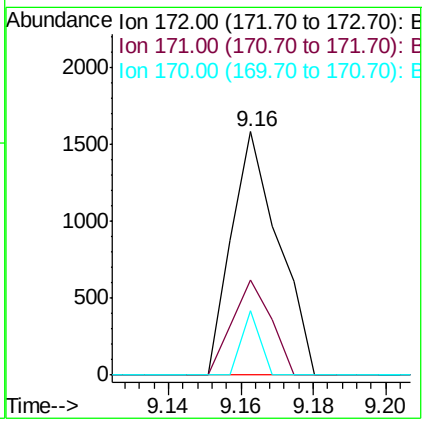
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

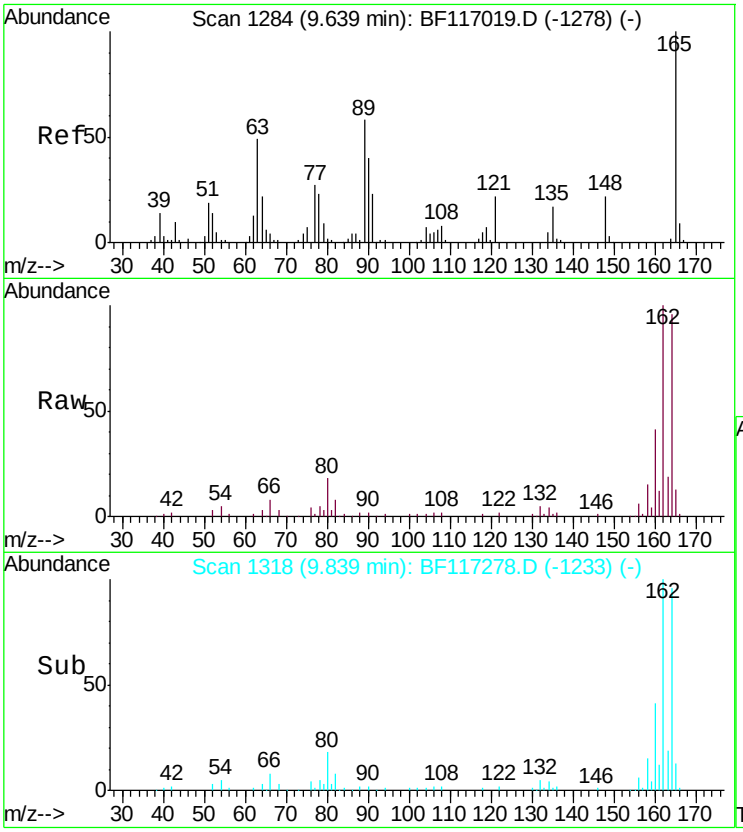


#45
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Tgt Ion:172 Resp: 1425

Ion	Ratio	Lower	Upper
172	100		
171	39.3	28.2	42.2
170	26.5	18.9	28.3



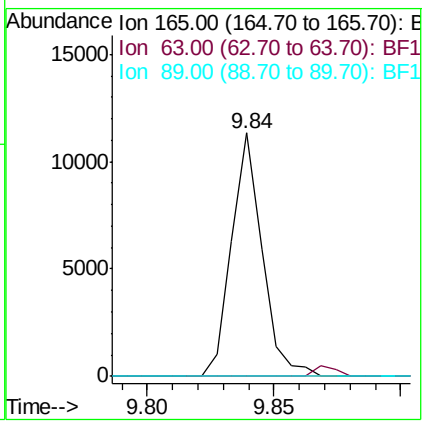


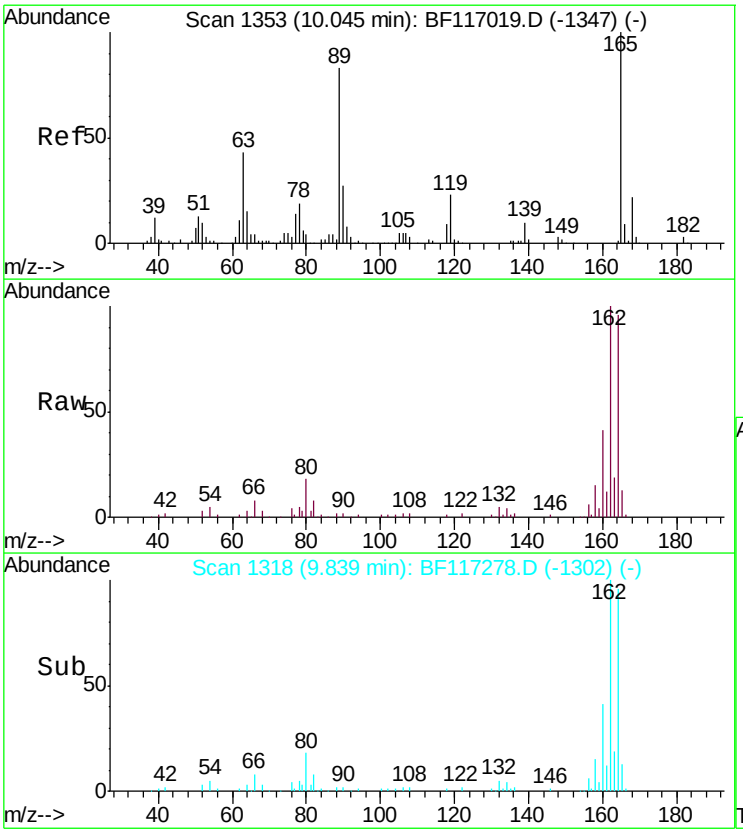
#51
2,6-Dinitrotoluene
Concen: 9.304 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

Tgt Ion:165 Resp: 9492

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#

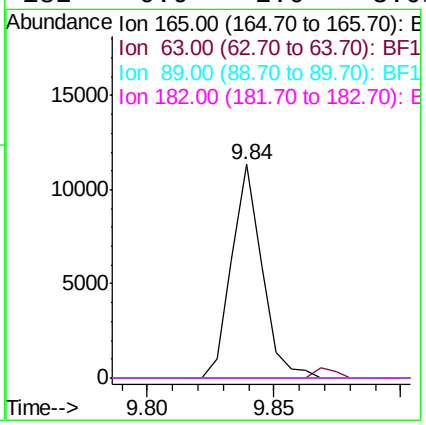


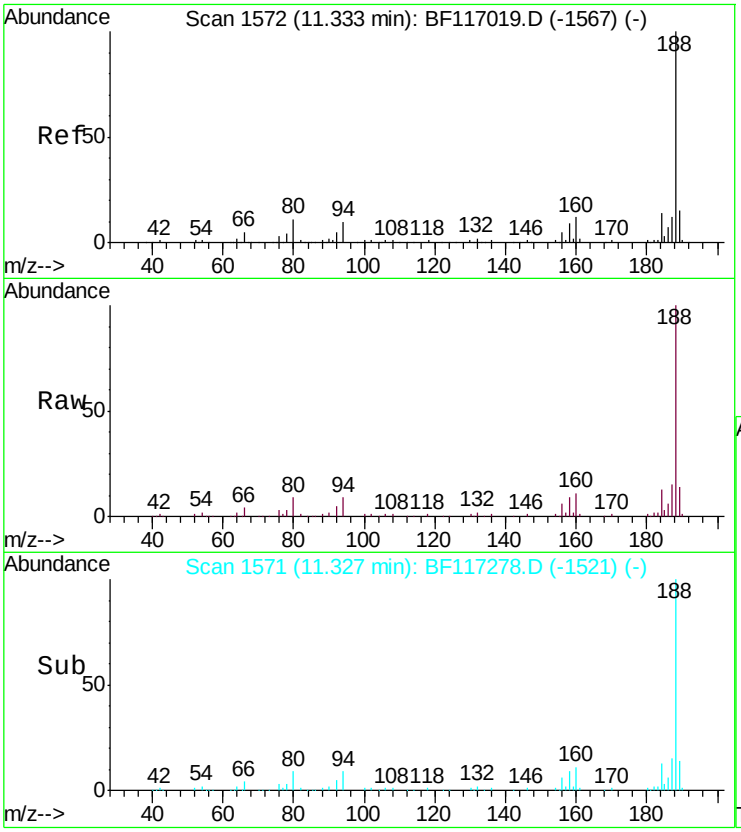


#57
2,4-Dinitrotoluene
Concen: 7.168 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Tgt Ion:165 Resp: 9492

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#



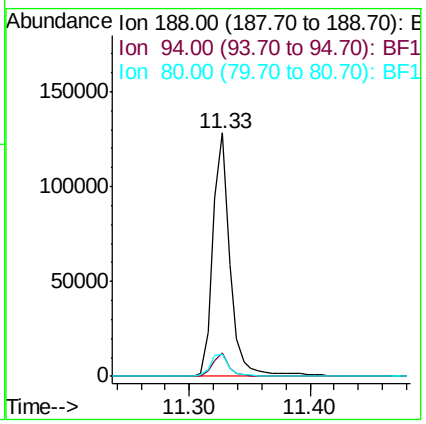


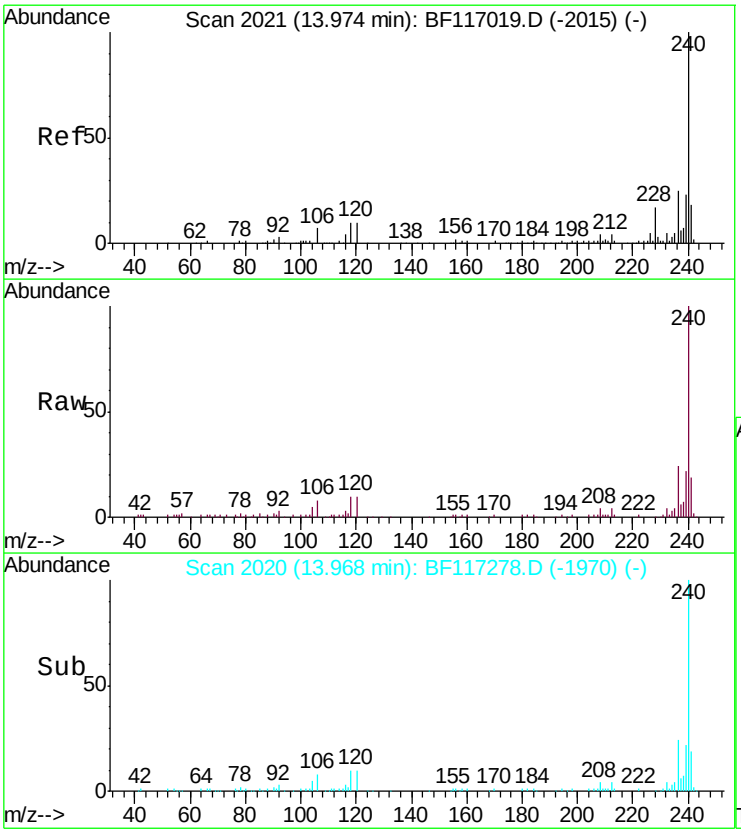
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

Tgt Ion:188 Resp: 124320

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	9.1	9.0	13.6

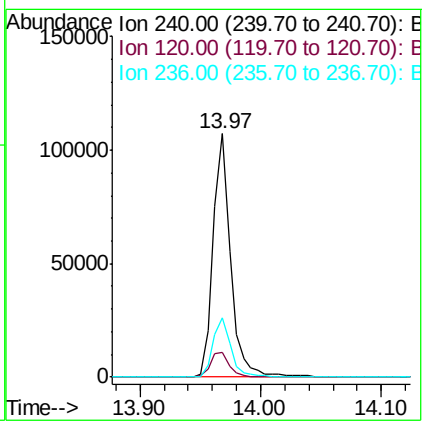


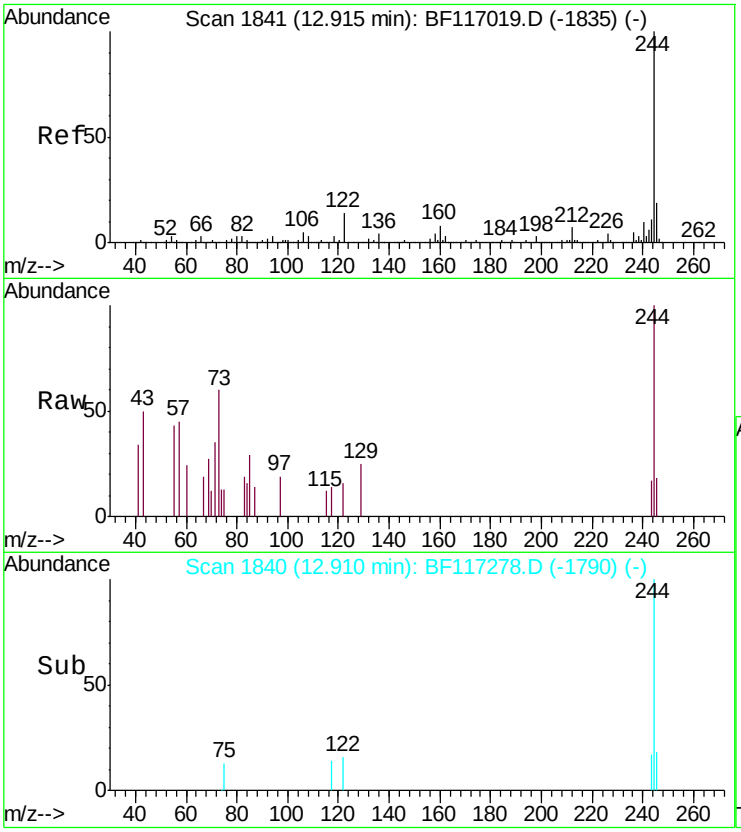


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Tgt Ion:240 Resp: 106022

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	24.2	20.3	30.5



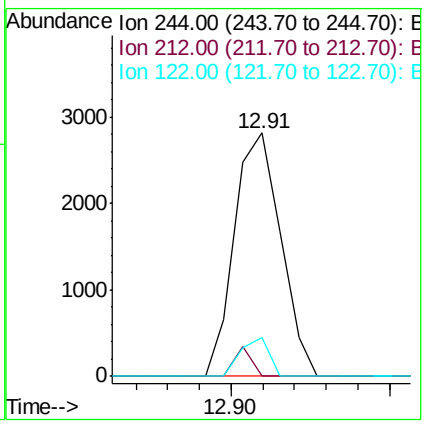


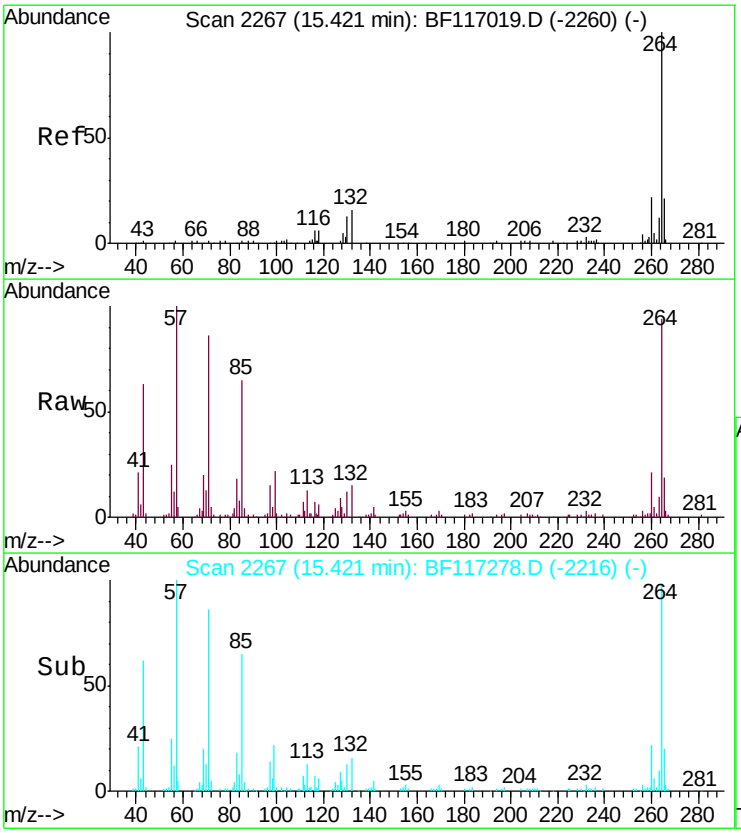
#79
Terphenyl-d14
Concen: 0.504 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

Tgt Ion:244 Resp: 2857

Ion	Ratio	Lower	Upper
244	100		
212	0.0	5.8	8.8#
122	16.2	11.3	16.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Tgt Ion:264 Resp: 107278

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.6	26.4
265	20.2	16.6	24.8