Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020619\
Data File : BF112429.D
Acq On : 6 Feb 2019 19:26
Operator : JU/SJ
Sample : K1358-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020519

Quant Time: Feb 06 23:55:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	149470	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	559262	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	255753	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	411807	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	293496	20.00	ng	-0.01
87) Perylene-d12	15.47	264	278782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	949156	134.88	ng	0.00
7) Phenol-d6	6.49	99	1055711	107.97	ng	0.00
23) Nitrobenzene-d5	7.40	82	839995	86.54	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	351602	118.11	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1649657	91.23	ng	-0.02
79) Terphenyl-d14	12.94	244	1270568	81.54	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	114741	17.018	ng	# 75
25) Isophorone	7.40	82	839983	55.165	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	32206	7.237	ng	# 33
57) 2,4-Dinitrotoluene	9.87	165	32206	5.685	ng	# 31
67) 4-Bromophenyl-phenylether	10.66	248	20954	4.326	ng	# 1
77) Benzidine	12.94	184	16848	2.086	ng	# 97

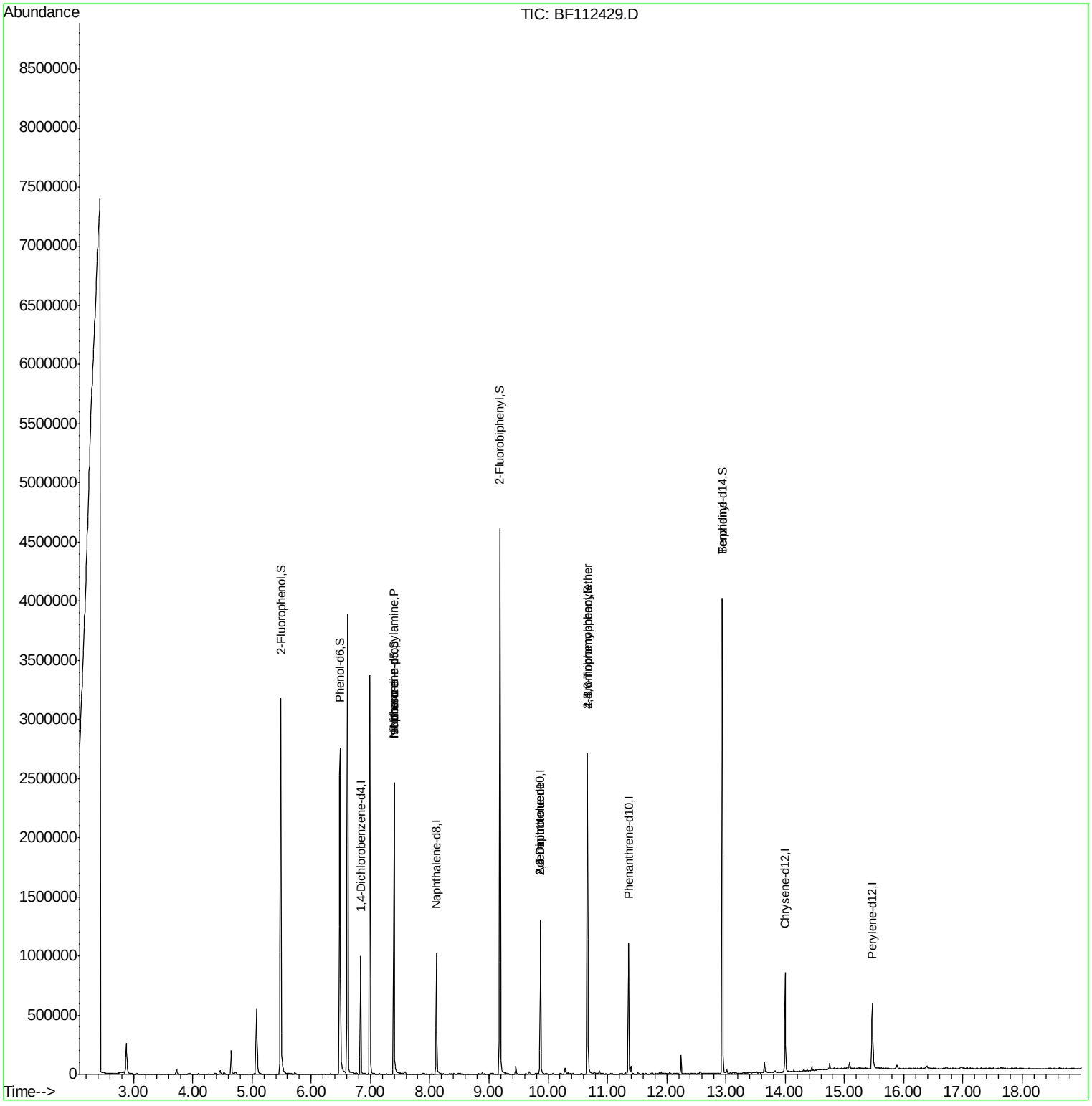
(#) = qualifier out of range (m) = manual integration (+) = signals summed

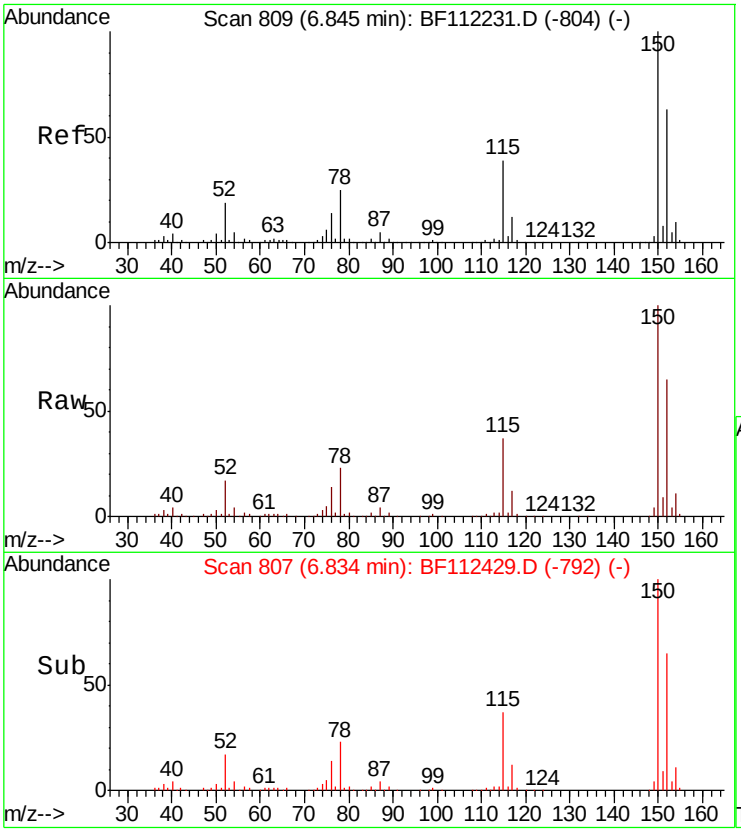
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020619\
Data File : BF112429.D
Acq On : 6 Feb 2019 19:26
Operator : JU/SJ
Sample : K1358-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-020519

Quant Time: Feb 06 23:55:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



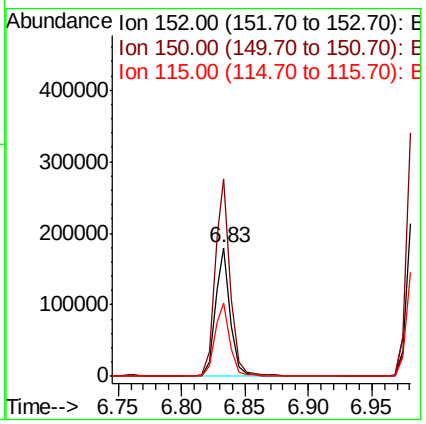


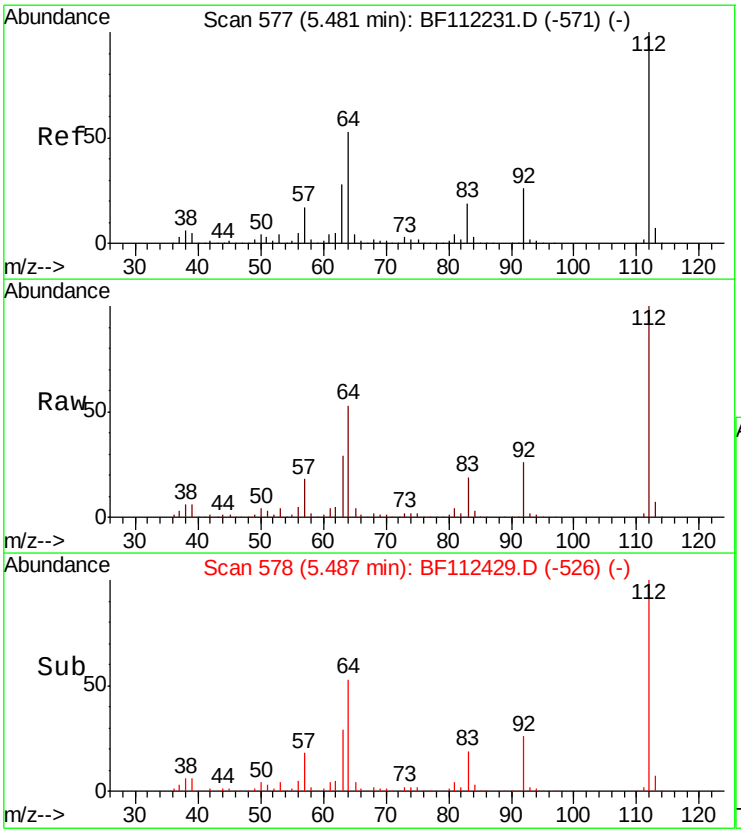
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112429.D
Acq: 6 Feb 2019 19:26

Instrument :
BNA_F
ClientSampleId :
TR-05-020519

Tgt Ion:152 Resp: 149470

Ion	Ratio	Lower	Upper
152	100		
150	153.8	127.4	191.0
115	56.9	45.5	68.3

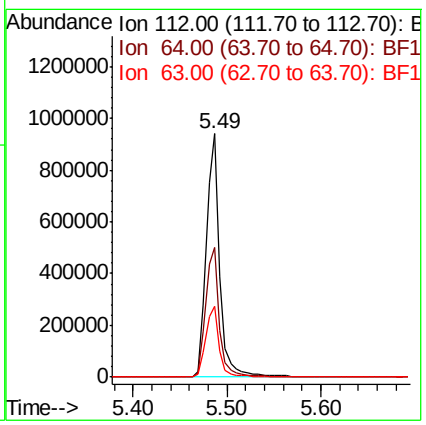


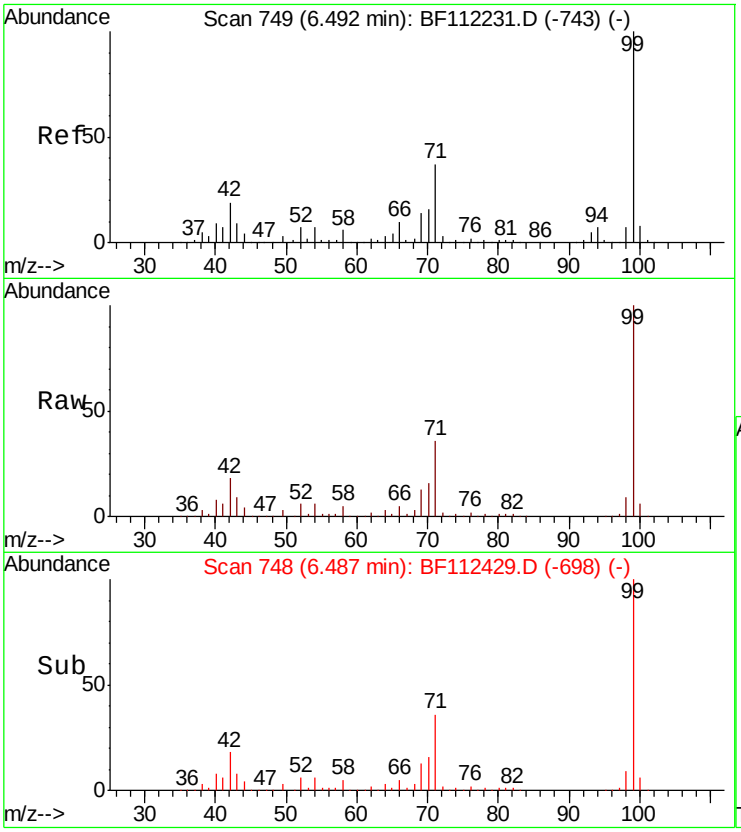


#5
2-Fluorophenol
Concen: 134.881 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112429.D
Acq: 6 Feb 2019 19:26

Tgt Ion:112 Resp: 949156

Ion	Ratio	Lower	Upper
112	100		
64	53.3	45.7	68.5
63	29.2	23.6	35.4



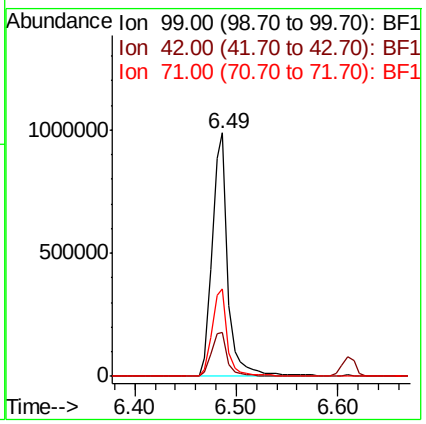


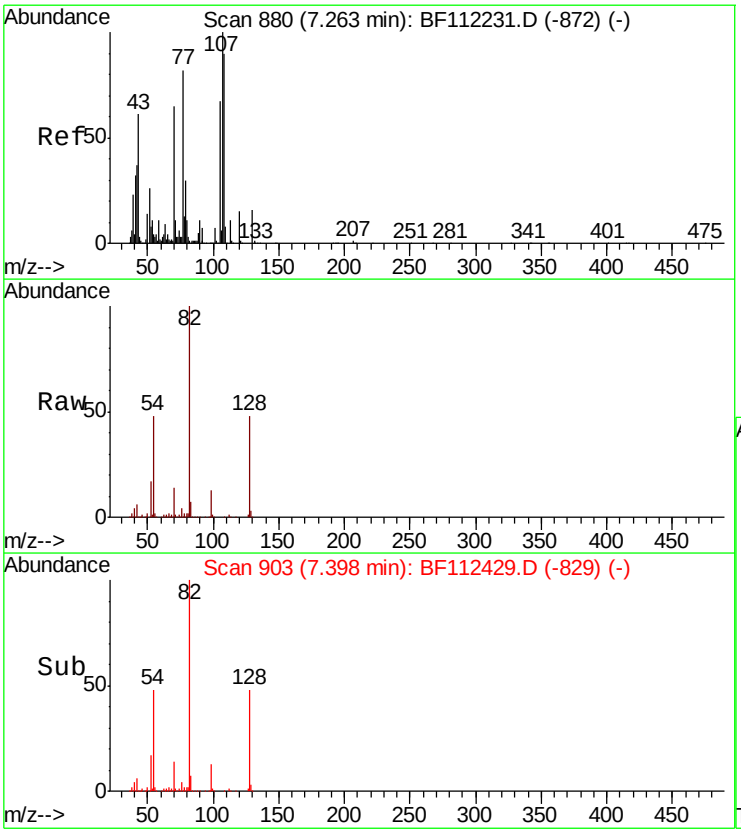
#7
Phenol-d6
Concen: 107.965 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112429.D
Acq: 6 Feb 2019 19:26

Instrument :
BNA_F
ClientSampleId :
TR-05-020519

Tgt Ion: 99 Resp: 1055711

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.1	22.7
71	35.7	26.9	40.3

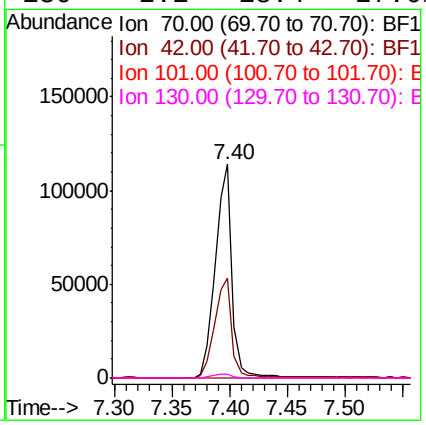


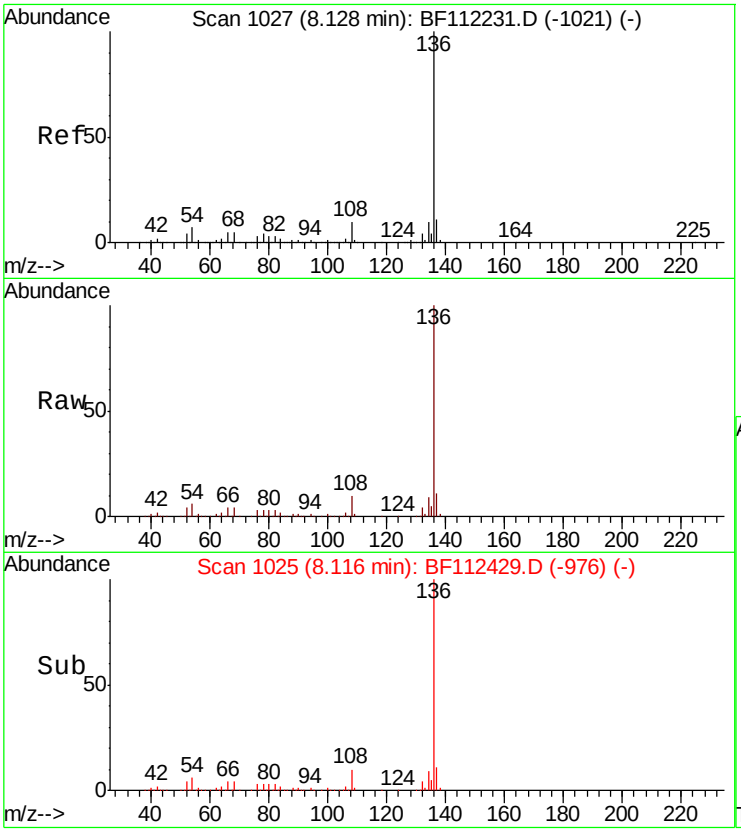


#19
n-Nitroso-di-n-propylamine
Concen: 17.018 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112429.D
Acq: 6 Feb 2019 19:26

Tgt Ion: 70 Resp: 114741

Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.6	71.4#
101	0.0	7.9	11.9#
130	2.1	18.4	27.6#



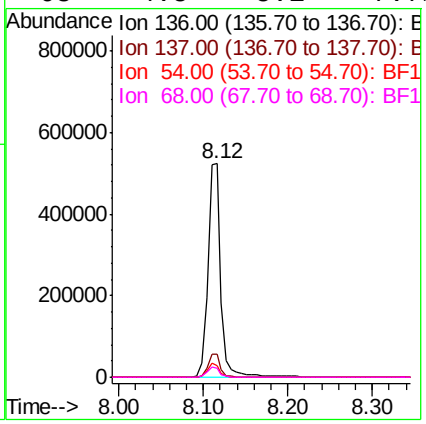


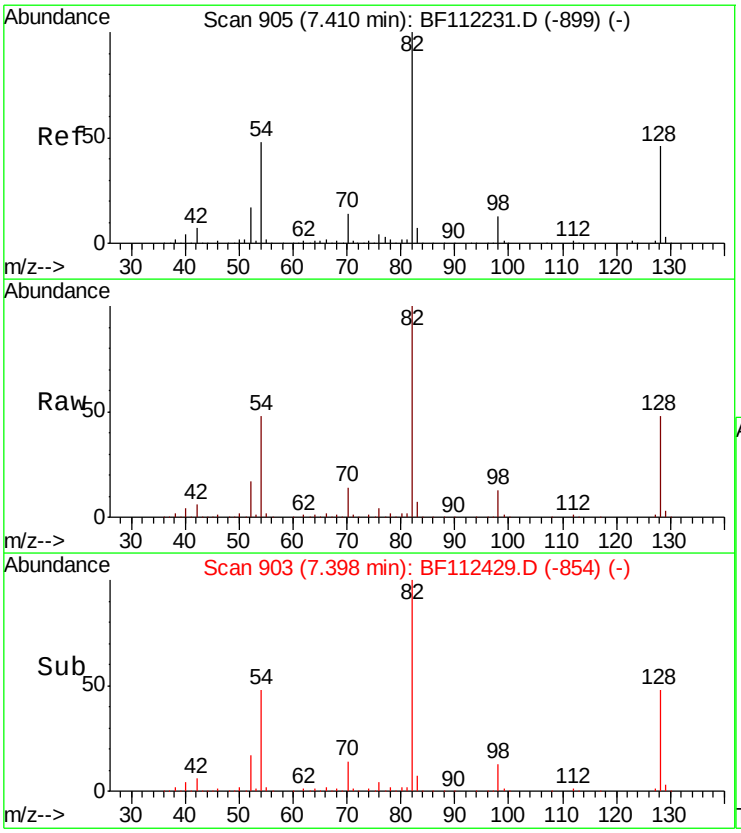
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112429.D
Acq: 6 Feb 2019 19:26

Instrument :
BNA_F
ClientSampleId :
TR-05-020519

Tgt Ion:136 Resp: 559262

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.6	5.9	8.9#
68	4.5	5.1	7.7#

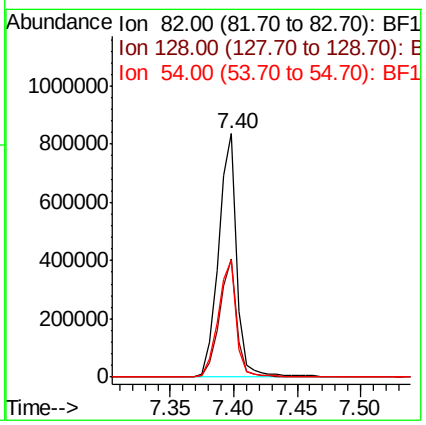


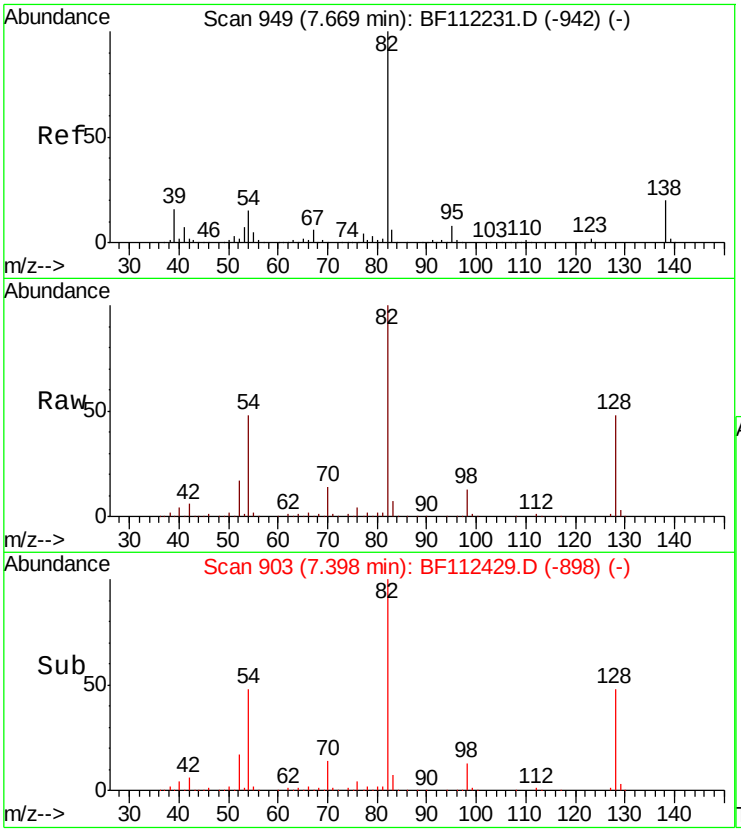


#23
Nitrobenzene-d5
Concen: 86.543 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112429.D
Acq: 6 Feb 2019 19:26

Tgt Ion: 82 Resp: 839995

Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.8	56.8
54	47.9	39.7	59.5



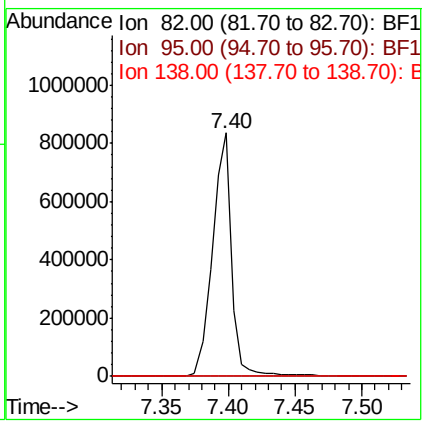


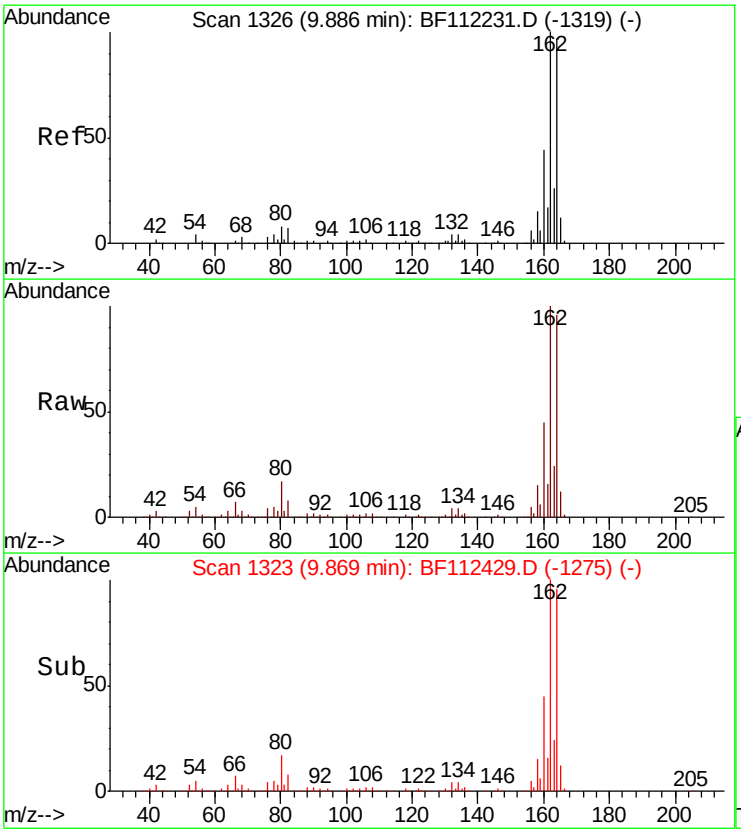
#25
Isophorone
Concen: 55.165 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112429.D
Acq: 6 Feb 2019 19:26

Instrument :
BNA_F
ClientSampleId :
TR-05-020519

Tgt Ion: 82 Resp: 839983

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

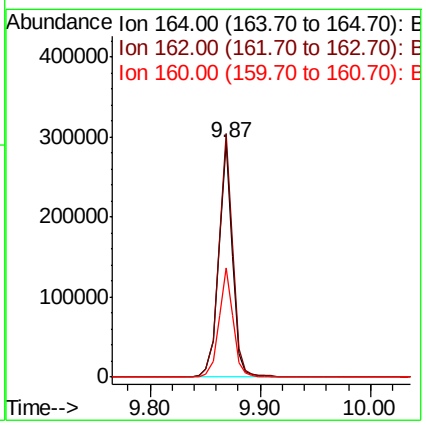


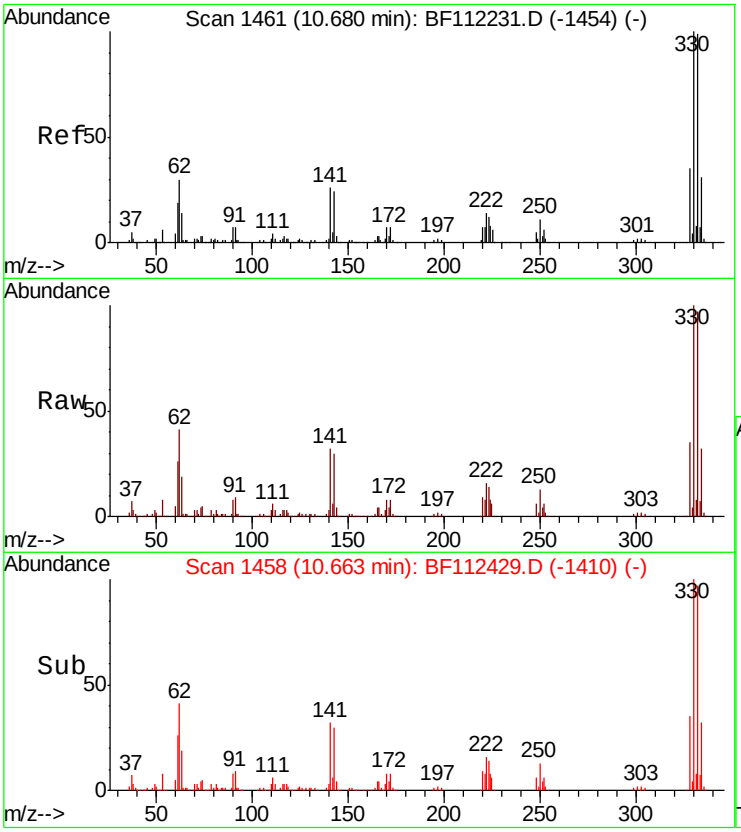


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112429.D
Acq: 6 Feb 2019 19:26

Tgt Ion:164 Resp: 255753

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.2	123.4
160	46.4	36.2	54.4



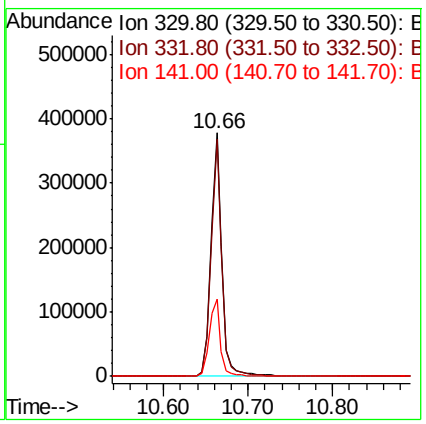


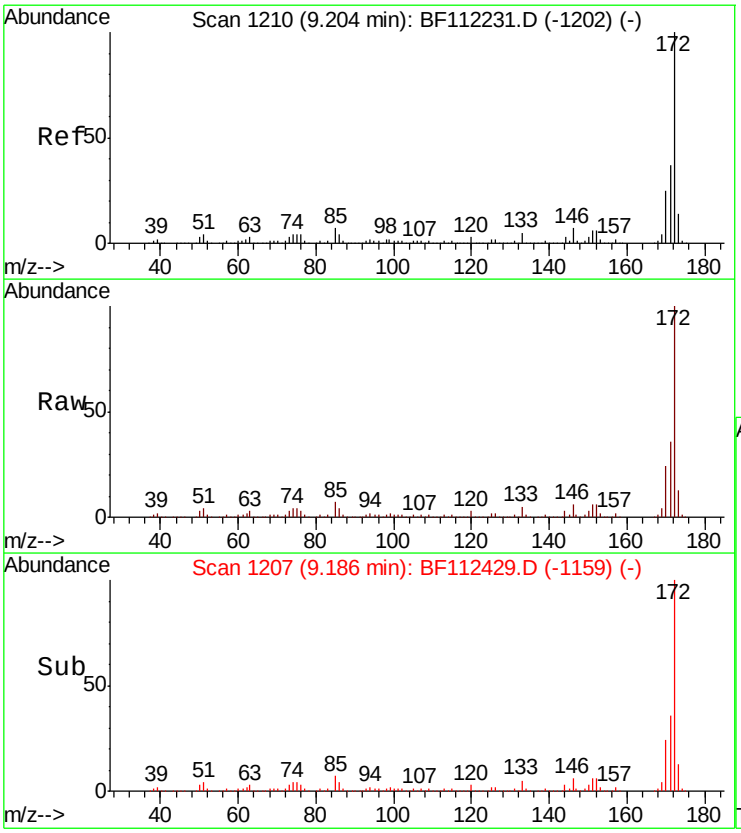
#42
2,4,6-Tribromophenol
Concen: 118.110 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112429.D
Acq: 6 Feb 2019 19:26

Instrument :
BNA_F
ClientSampleId :
TR-05-020519

Tgt Ion:330 Resp: 351602

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	32.5	24.3	36.5

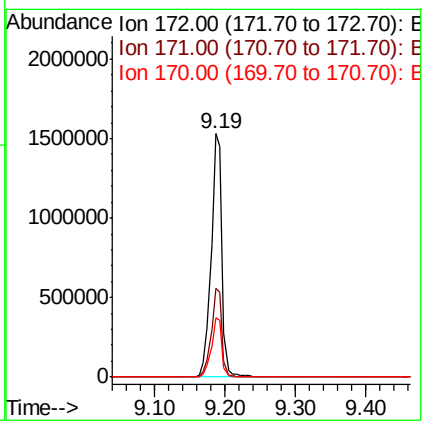


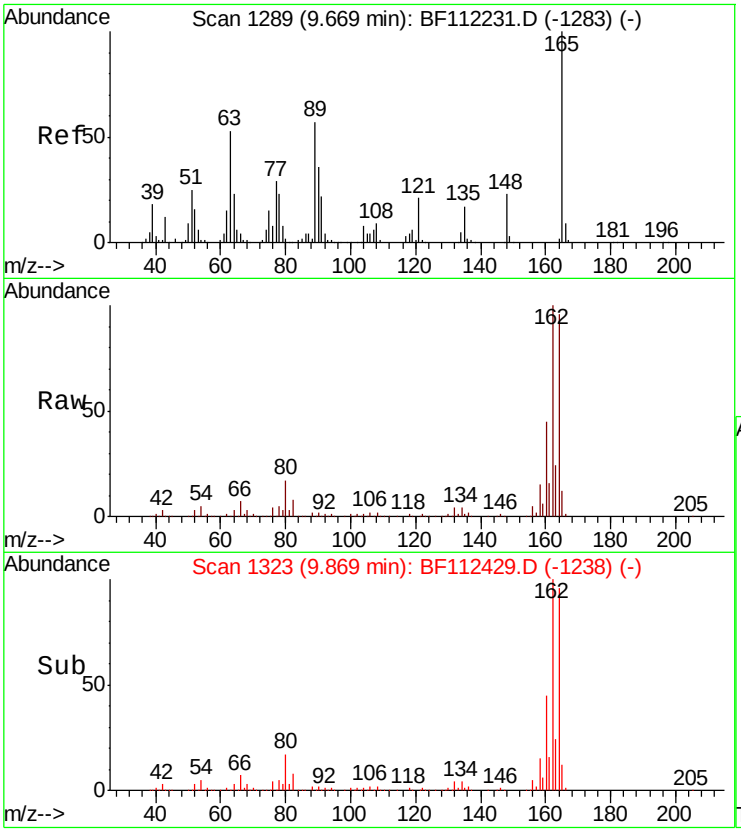


#45
2-Fluorobiphenyl
Concen: 91.228 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112429.D
Acq: 6 Feb 2019 19:26

Tgt Ion:172 Resp: 1649657

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	24.5	20.2	30.4



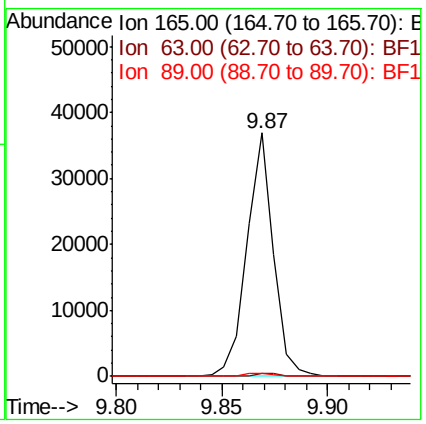


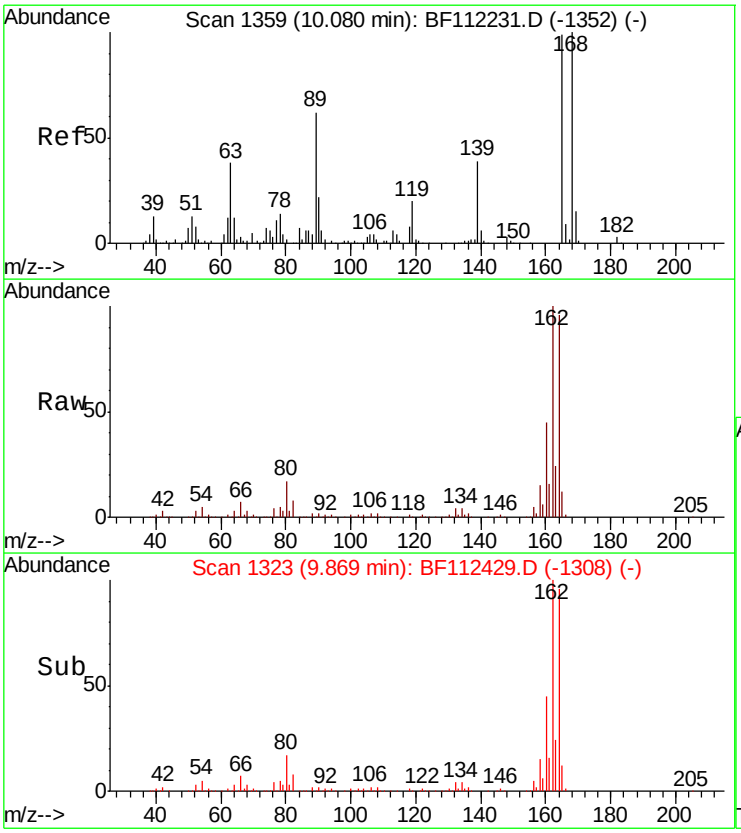
#51
2,6-Dinitrotoluene
Concen: 7.237 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.20 min
Lab File: BF112429.D
Acq: 6 Feb 2019 19:26

Instrument :
BNA_F
ClientSampleId :
TR-05-020519

Tgt Ion:165 Resp: 32206

Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.8	50.8#
89	1.2	36.9	55.3#

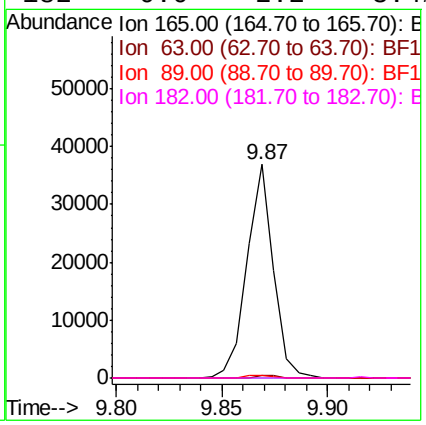


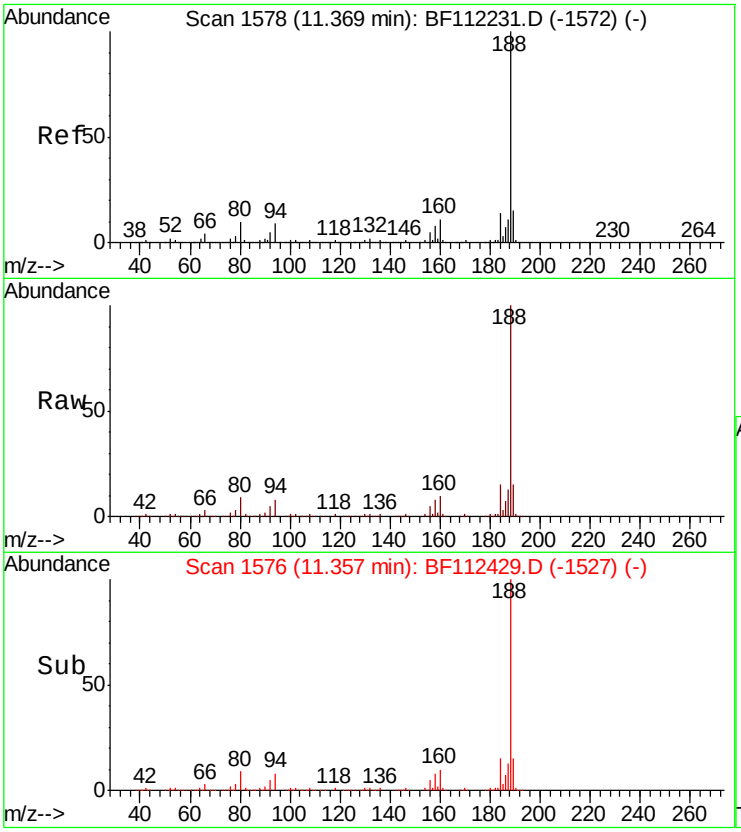


#57
2,4-Dinitrotoluene
Concen: 5.685 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112429.D
Acq: 6 Feb 2019 19:26

Tgt Ion:165 Resp: 32206

Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.9	41.9#
89	1.2	47.9	71.9#
182	0.0	2.2	3.4#



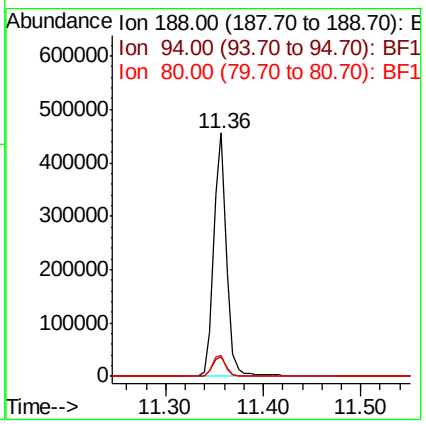


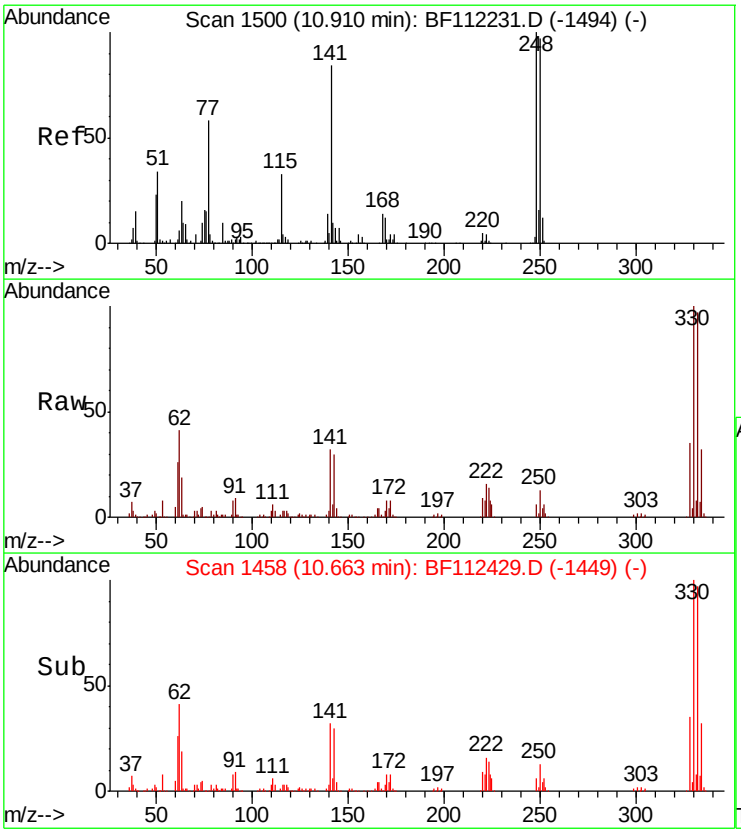
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112429.D
Acq: 6 Feb 2019 19:26

Instrument :
BNA_F
ClientSampleId :
TR-05-020519

Tgt Ion:188 Resp: 411807

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.2	12.2#
80	8.7	8.9	13.3#

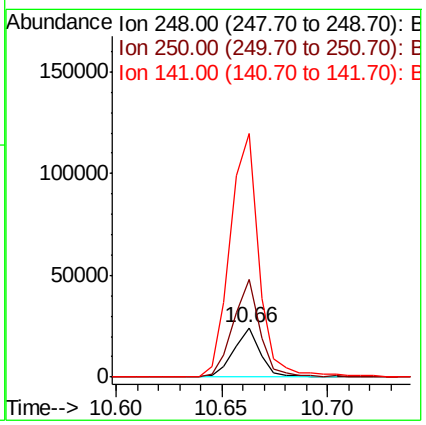


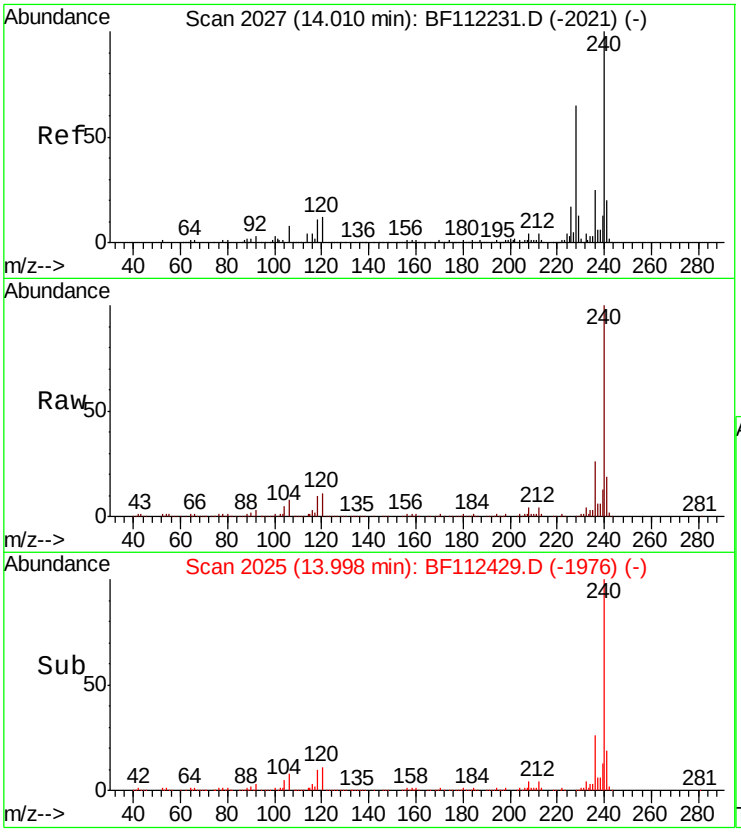


#67
4-Bromophenyl-phenylether
Concen: 4.326 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112429.D
Acq: 6 Feb 2019 19:26

Tgt Ion:248 Resp: 20954

Ion	Ratio	Lower	Upper
248	100		
250	199.0	79.7	119.5#
141	495.0	60.3	90.5#



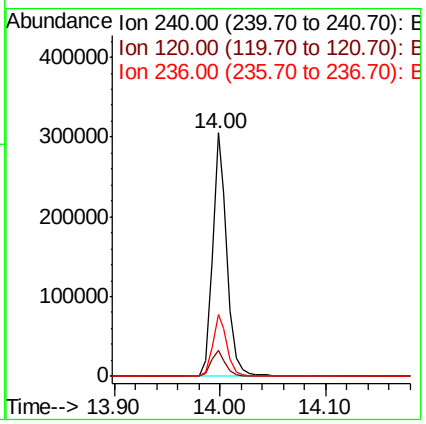


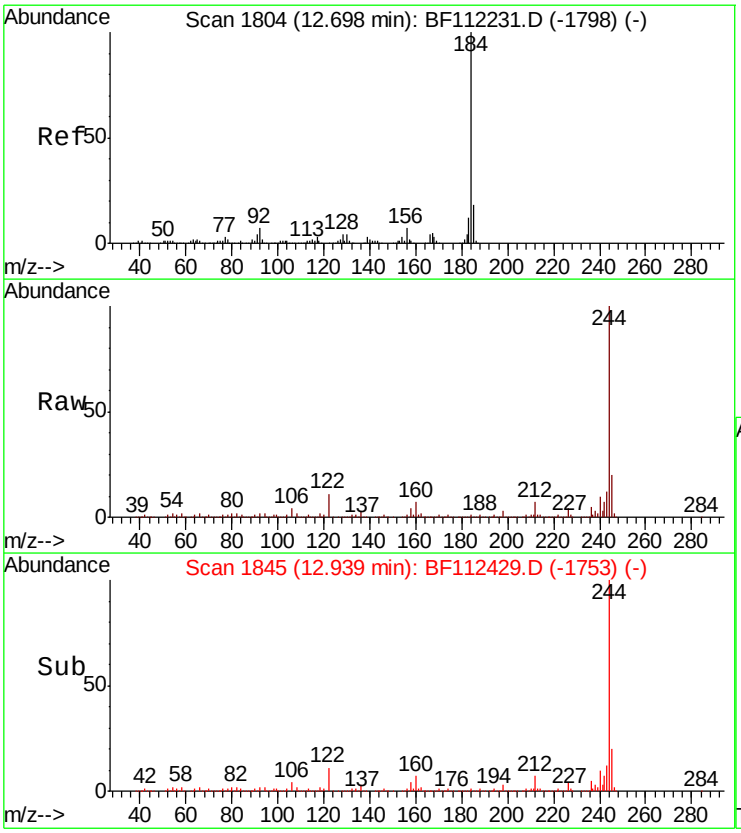
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112429.D
Acq: 6 Feb 2019 19:26

Instrument :
BNA_F
ClientSampleId :
TR-05-020519

Tgt Ion:240 Resp: 293496

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.0	13.6
236	25.6	20.7	31.1

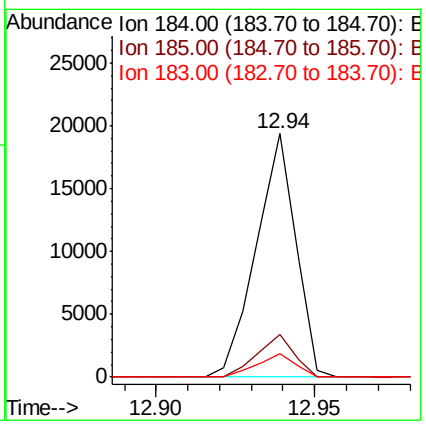


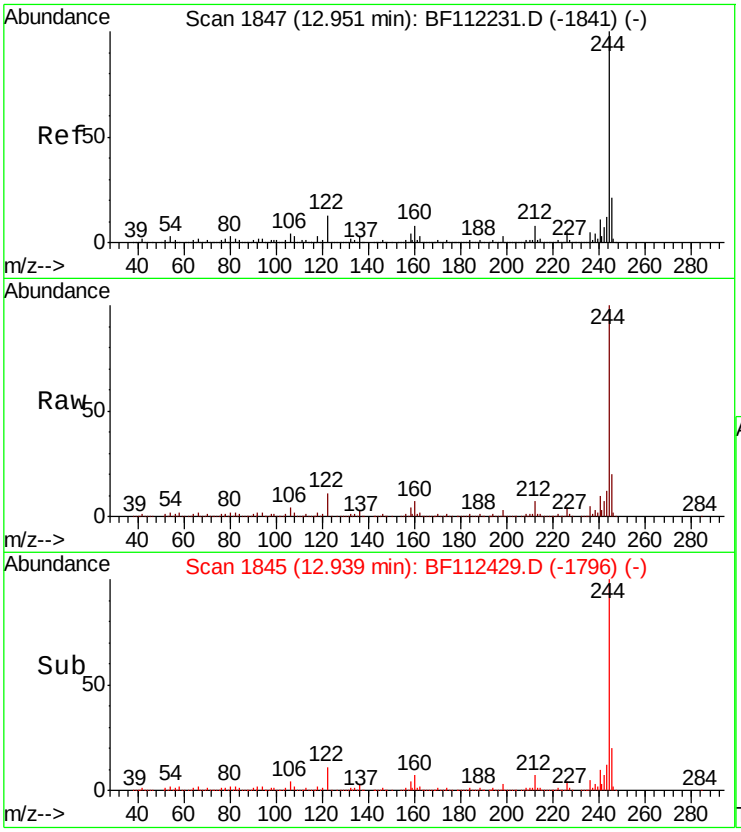


#77
Benzidine
Concen: 2.086 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.24 min
Lab File: BF112429.D
Acq: 6 Feb 2019 19:26

Tgt Ion:184 Resp: 16848

Ion	Ratio	Lower	Upper
184	100		
185	17.4	13.9	20.9
183	9.7	10.0	15.0#



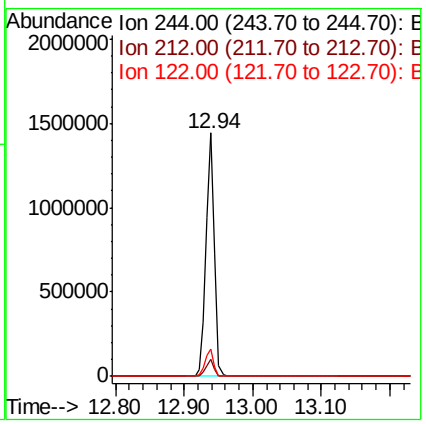


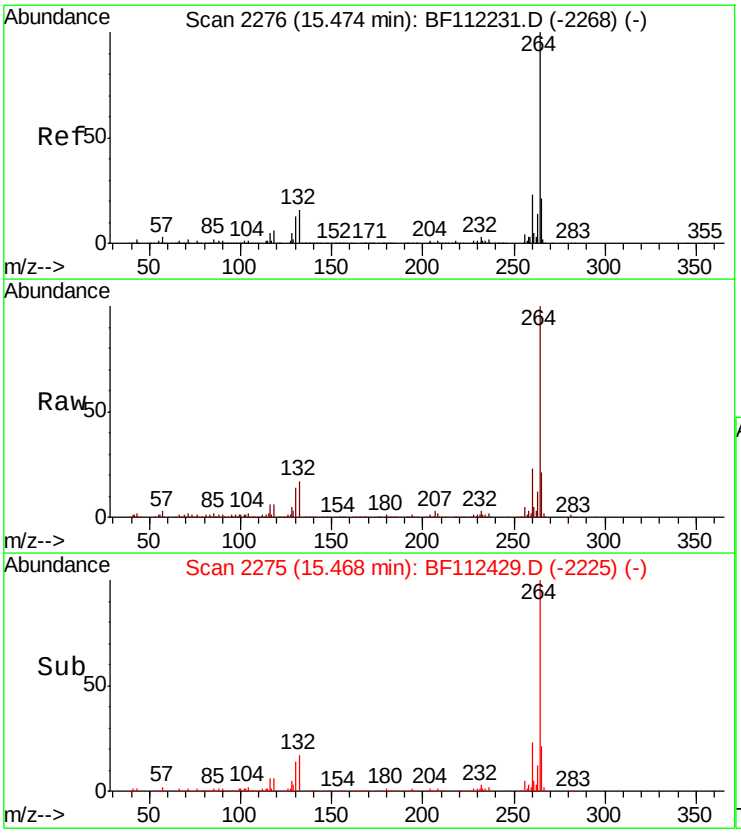
#79
Terphenyl-d14
Concen: 81.536 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112429.D
Acq: 6 Feb 2019 19:26

Instrument :
BNA_F
ClientSampleId :
TR-05-020519

Tgt Ion:244 Resp: 1270568

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.0	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112429.D
Acq: 6 Feb 2019 19:26

Tgt Ion:264 Resp: 278782

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	21.4	17.0	25.4